

HVAC Equipment Standards

Equipment Type	Specified Manufacturers	Remarks	Specifications Section
Air Handling Units	Energy Labs, Temtrol	Central Station Air Handling Units; MERV 8 pre-filter, bipolar ionization, PCO/UVGI, carbon, MERV 14 final filter, UV lights; Economizer	23 74 13 – Central Station Air Handling Units
Chilled Water Fan Coil Units	Trane Carrier York	Stainless steel drain pan w/leak detection; Belt drive fans; 2" pleated MERV 11 filters; Condensate pump	23 82 19 – Fan Coil Units Not in the DCH
VAV Boxes	Anemostat Price Titus	Digital controller; Hydronic heating coil - 2 row; Lined discharge attenuator section (minimum 36" long)	23 36 00 – Air Terminal Units
DX Self-Contained Air Conditioning Units For IT and MPOE Rooms	Liebert	Ceiling mounted or floor type; Self-contained units type up to 3-tons; Close-coupled units type over 3-tons; Condensate pump; Stainless steel drain pan w/leak detection	23 81 23 – Computer Room Air Conditioners
Fans	Twin City Fan Co. Greenheck Cook	Belt drive w/motor cover and belt guard; Upblast configuration for roof mounted fans ;Stainless steel construction for grease applications; Speed controller	23 34 00 – HVAC Fans
Diffusers	Anemostat Price Titus		23 37 00 – Air Outlets and Inlets
Chillers	Carrier Trane York		23 64 11 – Package Water Chillers 23 64 16 – Centrifugal Water Chillers
Heat Exchangers	Armstrong Pumps Bell & Gossett Taco		23 57 00 – Heat Exchangers for HVAC Not in the DCH
Boilers	Ajax Lochinvar Raypak	Temporary system	23 52 00 – Heating Boilers Not in the DCH
Valves	Milwaukee Valve Co. Nibco Crane		22 05 23 – General Duty Valves for Plumbing Piping 23 05 23 – General Duty Valves for HVAC Piping
Dampers	Pottorff Ruskin Air Balance Inc		23 33 00 – Air Duct Accessories
Actuators	Belimo		25 20 00 – Integrated Automation



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Cooling Towers	Baltimore Aircoil Company Delta Cooling Towers Evapco Inc	Temporary system	23 65 00 – Cooling Towers
Pumps	Armstrong Pumps Bell & Gossett Taco		23 21 13 – Hydronic Pumps
Vibration Isolators	The VMC Group Mason Industries M.W. Sausse and Co., Inc.		22 05 48 – Vibration and Seismic Controls for Plumbing Piping and Equipment 23 05 48 – Vibration and Seismic Controls for HVAC Piping and Equipment
Hangers and Supports	B-line Systems, Inc. PHD Manufacturing, Inc. Tolco, Inc.		22 05 29 – Hangers and Supports for Plumbing Piping and Equipment 23 05 29 – Hangers and Supports for HVAC Piping and Equipment
BAS	Alerton JCI Siemens		25 20 00 – Integrated Automation
FMCS	Wonderware		25 20 00 – Integrated Automation

Fire Protection Equipment Standards

Equipment Type	Specified Manufacturers	Specification Section
Valves	Nibco Viking Clow	21 12 00 – Fire Suppression Standpipes
Sprinklers	Viking Grinnell Reliable Sprinkler	21 13 13 – Wet-Pipe Sprinkler Systems
Spray Heads	Viking Grinnell Reliable Sprinkler	21 13 26 – Deluge Fire-Suppression Sprinkler Systems. Not in the DCH
Fire Pumps	Peerless A-C Fire Pumps Patterson Pump Co.	21 30 00- Fire Pumps Not in the DCH
Pressure Booster (Jockey) Pump	A-C Fire Pumps Patterson Pump Co. MTH Pumps	21 30 00 – Fire Pumps Not in the DCH