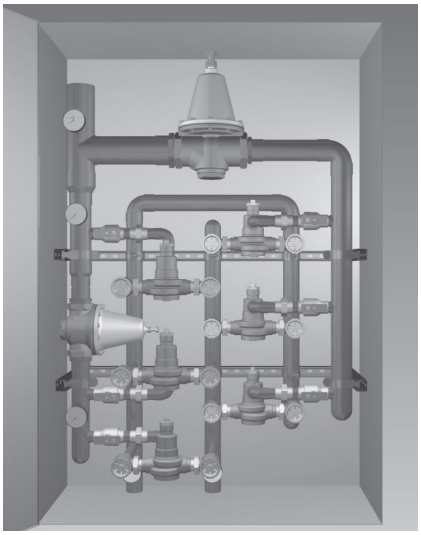
HydroGuard® XP SH1434 Six Valve Supply Fixture Wall Mount Cabinet

Product Specification



Features ■

- Paraffin-based advanced thermal actuation technology to sense and adjust outlet temperature
- Dirt and lime resistant poppet and seat design
- Virtual shutoff if supply pressure fails
- Vandal-resistant locking mechanism to secure temperature setting
- Factory tested as a complete unit
- Mounted on heavy-duty welded struts
- Stainless steel or white painted cabinets

Specifications ■

Connections ..... See ordering information

Maximum Hot Water Supply Temperature .... 200°F (93°C)

Minimum Hot Water Supply Temperature* ... 5°F (3°C) Above Set Point

Minimum Flow** ..... 0.5 gpm (1.9 lpm)

Maximum Operating Pressure ..... 125psi (861 kPa)

Temperature Adjustment Range***..... 90 - 160°F (32 - 71°C)

Hot Water Inlet Temperature Range ..... 120 - 180°F (49 - 82°C)

Cold Water Inlet Temperature Range ..... 40 - 80°F (4 - 27°C)

Listing/Compliance (Valve Only)..... ASSE 1017, CSA B125

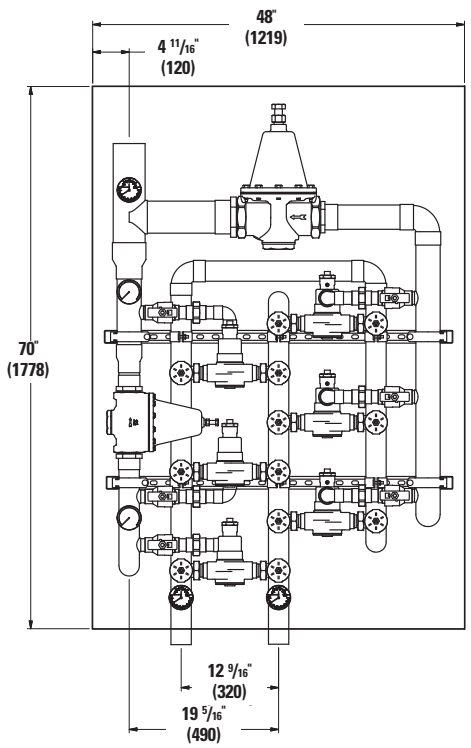
** With Equal Pressure*
*** Minimum flow when Hi/Lo valve is installed at or near hot water source recirculating tempered water with a properly sized continuously operating recirculating pump.*
**** Note: Low limit cannot be less than the cold water temperature. For best operation, hot water should be at least 5°F (3°C) above desired set point.*

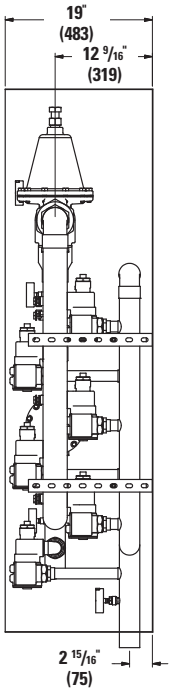
ASSE CSA ATA
Advanced Thermal Activation

Capacity ■

Flow Capacity at 50-50 Mixed Ratio								
			Pressure Drop Across Valve					
Model	Min. Flow to ASSE 1017	Cv	5psi (34 kPa)	10psi (69 kPa)	20psi (138 kPa)	30psi (207 kPa)	45psi (310 kPa)	60psi (414 kPa)
SH1434-6V	1 gpm 4 lpm	126.3	282 gpm 1067 lpm	400 gpm 1514 lpm	565 gpm 2139 lpm	692 gpm 2620 lpm	847 gpm 3206 lpm	978 gpm 3702 lpm

Dimensions ■





Note:
Dimensions are shown ±1/2''
Dimensions in parentheses are in mm

Ordering Information ■

S	H	1	4	3	4	6	V	A	E		0

Valve	Inlets	Outlet	Order Code
Six Valve	2-1/2" (65mm)	4" (100mm)	6V
Finish			
Rough Bronze			A
Piping			
Bottom/Top			E
Cabinets			
Stainless Steel, Wall Mount			Q
Painted Steel, Wall Mount			U
Alarm			
None			0

Recirculation Piping Diagram ■

Please see Piping Diagram Section of this catalog.

Typical Specification ■

Six Valve Hi/Lo Temperature Control System should include six thermostatic valves capable of maintaining water temperature to within the range of 90 – 160°F (32 – 71°C). Valves must compensate for fluctuations due to inlet water temperature changes. Valves shall be of bronze body with triple-duty checkstops and must have advanced, paraffin-based thermal actuation technology in order to guarantee a precise control when tested in accordance with ASSE 1017 and CSA B125. Thermostatic valves must be ASSE listed and CSA approved. Six Valve Hi/Lo system must include PRV, ball valves, pressure/temperature gauges and mounted on heavy-duty metal struts. It shall also include a stainless steel or painted steel cabinet.

The Hi/Lo system shall be of Powers' Six Valve Hi/Lo Model _____. Any alternate must have a written approval prior to bidding.

ENGINEERING APPROVAL

Project: _____

Contractor: _____

Architect/Engineer: _____

POWERS™

A Watts Water Technologies Company

ISO 9001-2000 CERTIFIED

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