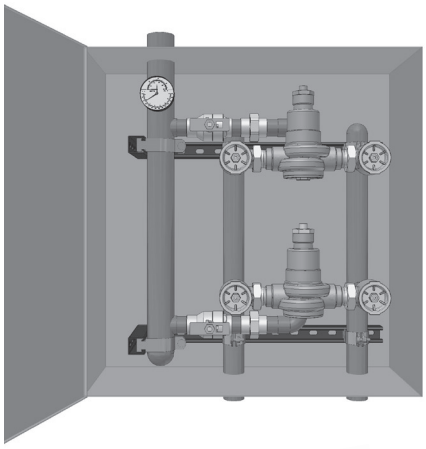
HYDROGUARD® XP Series LFSH1430 2 Valve DV Supply Fixture Wall Mount Cabinet

Product Specification

LEAD FREE*



Advanced Thermal Activation

Features ■

- Features Lead Free* construction to comply with Lead Free* installation requirements.
- 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
- Pressure/Temperature Gauge, Ball valves
- Stainless steel or white painted cabinet

Specifications ■

Connections ..... See chart on reverse

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 (Valves Only) ..... ASSE 1017, CSA B125

** The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight.*

*** With Equal Pressure*

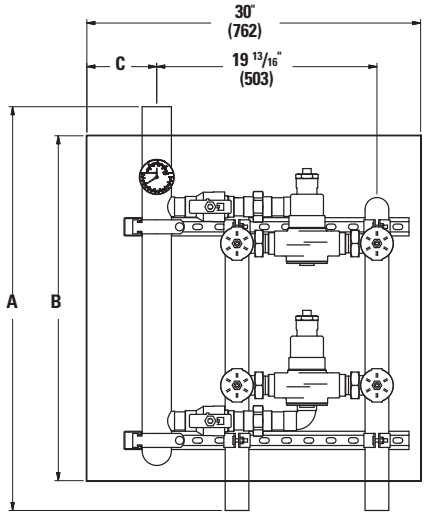
**** Minimum flow when Hi/Lo valve is installed at or near hot water source recirculating tempered water with a properly sized continuously operating recirculating pump.*

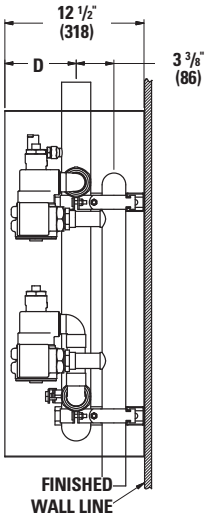
***** Note: Low limit cannot be less than the cold water temperature. For best operation, hot water should be at least 5°F (3°C) above desired set point.*

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)
LFSH1432DV	2 gpm 8 lpm	27.4	61 gpm 231 lpm	87 gpm 329 lpm	123 gpm 466 lpm	150 gpm 568 lpm	184 gpm 697 lpm	213 gpm 806 lpm
LFSH1434DV	2 gpm 8 lpm	37.4	84 gpm 318 lpm	118 gpm 447 lpm	167 gpm 632 lpm	205 gpm 776 lpm	251 gpm 950 lpm	290 gpm 1098 lpm

Dimensions ■

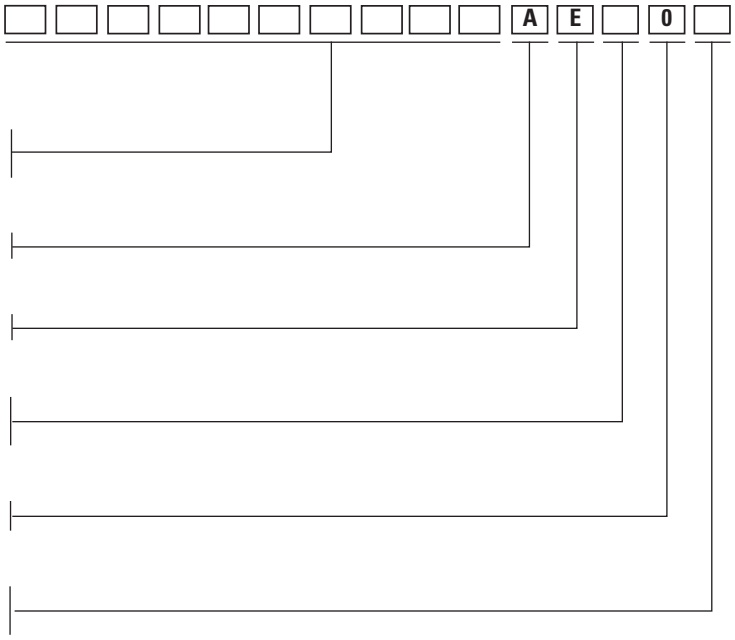




Valve	Inlets	Outlet	A	B	C	D
LFSH1432DV	1-1/2" (38)	2" (51)	35-1/4" (685)	30" (762)	5-1/8" (130)	6-5/8" (168)
LFSH1434DV	2" (51)	2-1/2" (64)	36-3/8" (924)	31" (787)	6-1/4" (159)	6-1/2" (165)

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

Ordering Information ■



Valve	Inlets	Outlet	Order Code
LFSH1432/LFSH1434	1-1/2" (40mm)	2" (50mm)	LFSH1432DV
LFSH1434/LFSH1434	2" (50mm)	2-1/2" (55mm)	LFSH1434DV

Finish
Rough Bronze — A

Piping
Bottom/Top — E

Cabinets
Stainless, Wall Mount — Q
Painted, Wall Mount — U

Alarm
None — 0

View Port
None — 0
Window — W

Recirculation Piping Diagram ■

Please see Piping Diagram Section of this catalog.

Typical Specification ■

DV water temperature control system shall be factory assembled and tested and include a stainless steel or painted steel cabinet. It shall include two thermostatic mixing valves capable of maintaining water temperature to 5°F (3°C) above set point. DV shall include two HydroGuard® XP LFSH1430 Series Master-Tempering Valve with advanced, paraffin-based actuation technology. The valves shall be constructed using Lead Free* brass. Lead Free* brass valves shall comply with state codes and standards, where applicable, requiring reduced lead content. DV shall also include copper piping, ball valve(s) and temperature/pressure gauge for diagnostics. The tempering valve shall have union checkstops, an outlet temperature range of 90 – 160°F (32 - 71°C) (with lockable means), and a single seat design for positive shutoff. Valve shall be ASSE 1017 listed and CSA certified. Minimum flows to ASSE 1017 shall be 2.0 gpm (8 lpm) for LFSH1432 DV and LFSH1434 DV.
Valve shall be a Powers' model _____. All alternatives must have written approval prior to bidding.

ENGINEERING APPROVAL

Project: _____
Contractor: _____
Architect/Engineer: _____

POWERS™

A Watts Water Technologies Company

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