

**HYDROGUARD® XP Hi/Lo Master Tempering Valves
Supply Fixture Series LFSH1430
Top Inlets/Top Outlet – Wall Mounted Cabinet**

Product Specification

LEAD FREE*

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
- Stainless steel or white painted cabinets
- Factory tested valve and piping
- Rotatable union triple-duty checkstops with filters, dial-thermometer, ball valve
- Rough bronze and chrome finishes

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**** Standard 90 – 160°F (32 – 71°C)
Low 60 – 90°F (16 – 32°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

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

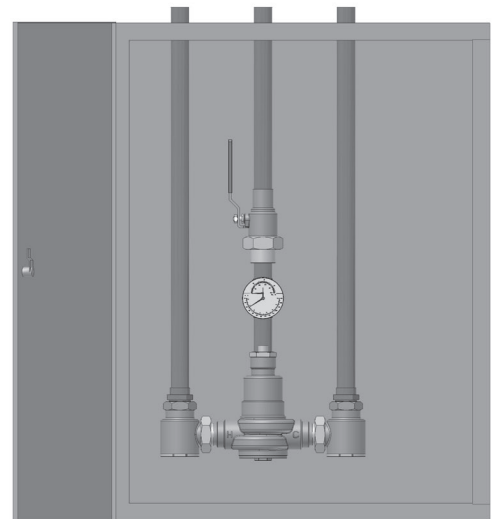
**With equal pressure

***Minimum flow when the valve is installed at or near hot water source w/recirculated 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	C _v	5psi (34 kPa)	10psi (69 kPa)	20psi (138 kPa)	30psi (207 kPa)	45psi (310 kPa)	60psi (414 kPa)
LFSH1432	1 gpm 4 lpm	8.54	19 gpm 72 lpm	27 gpm 102 lpm	38 gpm 144 lpm	47 gpm 178 lpm	57 gpm 216 lpm	66 gpm 250 lpm
LFSH1434	1 gpm 4 lpm	19.00	42 gpm 159 lpm	60 gpm 227 lpm	85 gpm 322 lpm	104 gpm 394 lpm	127 gpm 481 lpm	147 gpm 556 lpm
LFSH1435	5 gpm 19 lpm	30.00	67 gpm 254 lpm	95 gpm 360 lpm	134 gpm 507 lpm	164 gpm 621 lpm	201 gpm 761 lpm	232 gpm 878 lpm



Advanced Thermal Activation

