

## HYDROGUARD® XP Series LFMM430 2 Valve Hi/Lo Supply Fixture Wall Mount 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
- Factory tested as a complete unit
- Stainless steel or white painted cabinet
- Pressure/Temperature Gauges, Ball valves

#### 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 (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.

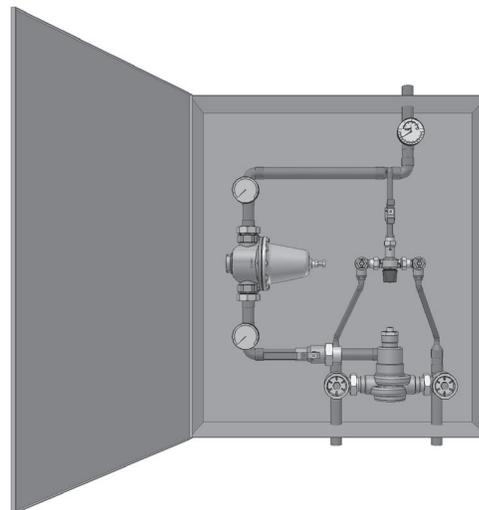
\*\* With Equal Pressure

\*\*\* Minimum flow when Hi/Lo valve is installed at or near hot water source w/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 | C <sub>v</sub>             | 5psi (34 kPa)     | 10psi (69 kPa)    | 20psi (138 kPa)    | 30psi (207 kPa)    | 45psi (310 kPa)    | 60psi (414 kPa)    |
| LFMM431HL                          | 0.5 gpm<br>1.89 lpm    | 9.7                        | 22 gpm<br>83 lpm  | 31 gpm<br>117 lpm | 43 gpm<br>163 lpm  | 53 gpm<br>201 lpm  | 65 gpm<br>246 lpm  | 75 gpm<br>284 lpm  |
| LFMM432HL                          | 0.5 gpm<br>1.89 lpm    | 13.0                       | 29 gpm<br>110 lpm | 41 gpm<br>155 lpm | 58 gpm<br>220 lpm  | 66 gpm<br>250 lpm  | 87 gpm<br>329 lpm  | 93 gpm<br>352 lpm  |
| LFMM433HL                          | 0.5 gpm<br>1.89 lpm    | 19.8                       | 44 gpm<br>167 lpm | 63 gpm<br>238 lpm | 86 gpm<br>326 lpm  | 108 gpm<br>409 lpm | 133 gpm<br>503 lpm | 153 gpm<br>579 lpm |
| LFMM434HL                          | 0.5 gpm<br>1.89 lpm    | 24.9                       | 56 gpm<br>212 lpm | 79 gpm<br>299 lpm | 111 gpm<br>420 lpm | 136 gpm<br>515 lpm | 167 gpm<br>632 lpm | 193 gpm<br>731 lpm |
| LFMM435HL                          | 3.0 gpm<br>11.0 lpm    | 27.7                       | 62 gpm<br>235 lpm | 88 gpm<br>333 lpm | 124 gpm<br>469 lpm | 152 gpm<br>575 lpm | 186 gpm<br>704 lpm | 215 gpm<br>814 lpm |



Advanced Thermal Activation

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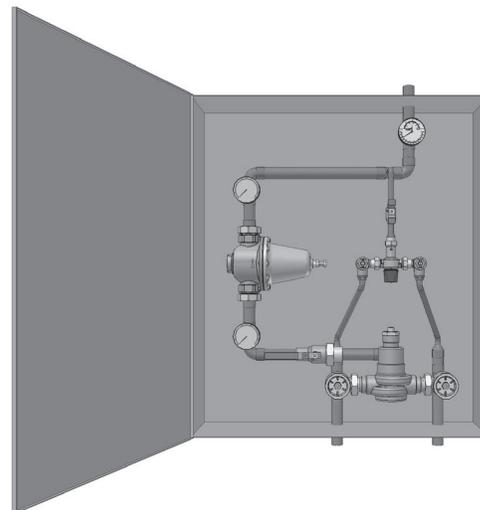
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