Emergency Fixture Thermostatic Mixing Valves

- Meets ANSI Z358.1-2004
- Reliable liquid-filled thermostat with 10 year warranty
- EFX8 Thermostatic Mixing Valve
- Checkstops on inlets
- Adjustable set point within temperature range
- Accurate temperature control to within ±3°F
- Built-in cold water bypass, assuring cold flow
- Positive shutoff of hot supply when cold supply is lost
- Easy installation and serviceability
- Dirt and lime resistant
- Dual thermometer
- Factory assembled and tested
- Universal mounting capability

Valve Specifications

Maximum Operating Pressure
125 PSI (860 kPA)

Maximum Inlet Temperature
180°F (82°C)

Recommended Inlet Temperature
120°F (49°C) – 140°F (60°C)

Temperature Range
Std. 65°F (18°C) to 95°F (35°C)
Std. 85°F (29°C)

Flow Capacities – GPM (L/Min)

<table>
<thead>
<tr>
<th>Model</th>
<th>Min. Flow</th>
<th>5 (0.5)</th>
<th>10 (1.0)</th>
<th>15 (1.5)</th>
<th>20 (2.0)</th>
<th>30 (2.5)</th>
<th>45 (3.0)</th>
<th>60 (4.0)</th>
</tr>
</thead>
<tbody>
<tr>
<td>S19-2000</td>
<td>1.5 (5.5)</td>
<td>3.4</td>
<td>4.5</td>
<td>5.6</td>
<td>6.5</td>
<td>7.8</td>
<td>9.4</td>
<td>11.6</td>
</tr>
<tr>
<td>Cold Bypass Only</td>
<td>2.6 (10.5)</td>
<td>3.2</td>
<td>4.0</td>
<td>4.6</td>
<td>5.6</td>
<td>6.8</td>
<td>7.7</td>
<td></td>
</tr>
</tbody>
</table>

Optional Selections

Finish
- □ C Chrome Plated

Cabinets
- □ SS Surface Mount Stainless Steel
- □ RS Recessed Stainless Steel
- □ SE Surface Mount White Enamel
- □ RE Recessed White Enamel
- □ W Plexi-glass Window in Door

Sample Specification

Emergency fixture water mixing valve shall consist of liquid-filled thermal motor and a piston control mechanism with positive shutoff of hot water when cold water supply is lost to prevent scalding. In addition, the valve shall allow cold flow in the event of loss or interruption of the hot water supply or thermostat failure. The valve shall control outlet temperature and will be suitable for eyewash or eye/face wash applications. Temperature adjustment will be vandal resistant.

Dimensions

Front View

- 8-3/8" (213mm)
- 1-5/8" (41mm)
- 1/2" NPT

Side View

- 4-3/4" (121mm)
- 1/2" NPT
- 1-3/4" (44mm)

Consult local and national codes; conformity and compliance to local and national codes is the responsibility of the installer.

Engineer’s Approval___________________________

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Dimensions — S19-2000 Surface Mounted

Front View

Side View

Back View

Bottom View

1/2" NPT Outlet

2-1/2" (64mm)

2-1/4" (57mm)

1/2" NPT Inlets

5-1/2" (140mm)

2-1/4" (57mm)

2" (51mm)

5-1/2" (140mm)

2" (51mm)

3" (76mm)

5" (127mm)

11" (279mm)

11-1/4" (286mm)

Door

1-3/4" (44mm)

3-1/4" (83mm)

3" (76mm)

2" (51mm)

3/4" (19mm)

2" (51mm)

31" Dia Holes

3 Each Side

6 Total

8-1/2" (216mm)

3-1/4" (83mm)

2" (51mm)

3/4" (19mm)

5-1/2" (140mm)

11" (279mm)

1/2" NPT Inlets

5-1/2" (140mm)

2-1/4" (57mm)

1/2" NPT Outlet

2" (51mm)

10-1/2" (267mm)

1/2" NPT Outlet

2" (51mm)

10-1/2" (267mm)
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