Emergency Fixture Thermostatic Mixing Valves
S19-2000

- Meets ANSI Z358.1-1998
- Reliable liquid-filled thermostat
- Checkstopping on inlets
- Adjustable set point within temperature range
- Accurate temperature control to within ±3°F
- Built-in cold water bypass, assuring cold flow
- Positive shut-off of hot supply when cold supply is lost
- Easy installation and serviceability
- Dirt and lime resistant
- Dial thermometer
- Factory assembled and tested
- Universal mounting capability

Specification
Emergency fixture water mixing valve shall consist of liquid-filled thermal motor and a piston control mechanism with positive shut off 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 eyewash/facial wash applications. Temperature adjustment will be vandal resistant.

Model

<table>
<thead>
<tr>
<th>Model No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>S19-2000</td>
<td>EFX8–Thermostatic Mixing Valve</td>
</tr>
</tbody>
</table>

Optional Selections

Finish
- C Chrome Plated

Piped Assembly
- P Piped Assembly w/ Inlet and Outlet Shutoff

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

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

<table>
<thead>
<tr>
<th>Temperature Range</th>
<th>Set Point</th>
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<tbody>
<tr>
<td>Std. 65° F (18° C) to 95° F (35° C)</td>
<td>85° F (29° C)</td>
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Flow Capacities - GPM

<table>
<thead>
<tr>
<th>Model</th>
<th>Min. Flow</th>
<th>SYSTEM PRESSURE DROP – PSI</th>
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</thead>
<tbody>
<tr>
<td>S19-2000</td>
<td>1.5</td>
<td>3.4</td>
</tr>
<tr>
<td></td>
<td>3.4</td>
<td>4.5</td>
</tr>
<tr>
<td></td>
<td>5.6</td>
<td>6.5</td>
</tr>
<tr>
<td></td>
<td>7.8</td>
<td>9.4</td>
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<tr>
<td></td>
<td>11.6</td>
<td>125 PSI (860 kPA)</td>
</tr>
<tr>
<td>Cold Bypass Only</td>
<td>2.6</td>
<td>3.2</td>
</tr>
<tr>
<td></td>
<td>4.0</td>
<td>4.6</td>
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<tr>
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<td>5.6</td>
<td>6.8</td>
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<td>7.7</td>
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Flow Capacities - L/Min

<table>
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<tr>
<th>Model</th>
<th>Min. Flow</th>
<th>SYSTEM PRESSURE DROP – BAR</th>
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<tbody>
<tr>
<td>S19-2000</td>
<td>5.5</td>
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<td>10.0</td>
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<tr>
<td>Cold Bypass Only</td>
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<td>14.5</td>
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<td>21.0</td>
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<td></td>
<td>29.5</td>
<td>30.0</td>
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</tbody>
</table>
Emergency Fixture
Thermostatic Mixing Valves
S19-2000

Cabinet Features
• 18 gauge body & door
• Left hand hinge
• Cylinder Lock
• Inlet/ outlet knock out holes for mounting flexibility
• Stainless steel or baked white enamel finishes
• Surface mounted or recessed style with flange

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Emergency Fixture
Thermostatic Mixing Valves
S19-2000

11-1/4" (286) DOOR

14-1/2" (368)

9-3/4" (248) DOOR

5-1/2" (140)

11-1/4" (286) DOOR

14-1/2" (368)

3" (76) 5" (127) 11" (279)

13" (330)

.28 (6)Ø HOLES
(2) EACH SIDE
(4) TOTAL

2-1/2" (64)

2-1/2" (64)

2-1/2" (64)

2-1/2" (64)

6-1/2" (165)

1/2" NPT INLETS

1/2" NPT OUTLET

2" (51)

2" (51)

12-1/2" (318)

2-1/2" (64)

Emergency Fixture
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11" (279)

TOP VIEW – RECESSED

FRONT VIEW – RECESSED

BACK VIEW – RECESSED

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