Emergency Fixture Thermostatic Mixing Valve

- Exceeds ANSI Z358.1
- Reliable Liquid-Filled Thermostat with 10-Year Warranty
- Integral Strainer 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 Shutoff 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
- 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

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) 85° F (29° C)

Flow Capacities – GPM

<table>
<thead>
<tr>
<th>Model</th>
<th>Min. Flow</th>
<th>Pressure Drop – PSI</th>
</tr>
</thead>
<tbody>
<tr>
<td>S19-2100</td>
<td>2.0</td>
<td>5 10.5 15.0 18.5 21.3 26.0 32.0 37.0</td>
</tr>
<tr>
<td>Cold Bypass Only</td>
<td>8.0</td>
<td>5 10.5 15.0 18.5 21.3 26.0 32.0 37.0</td>
</tr>
</tbody>
</table>

Flow Capacities – L/Min

<table>
<thead>
<tr>
<th>Model</th>
<th>Min. Flow</th>
<th>Pressure Drop – Bar</th>
</tr>
</thead>
<tbody>
<tr>
<td>S19-2100</td>
<td>5.5</td>
<td>.5 1.0 1.5 2.0 2.5 3.0 4.0</td>
</tr>
<tr>
<td>Cold Bypass Only</td>
<td>37.0</td>
<td>.5 1.0 1.5 2.0 2.5 3.0 4.0</td>
</tr>
</tbody>
</table>

This plumbing fixture is not intended to dispense water for human consumption through drinking or for preparation of food or beverages.

Valve Model

<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
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<tbody>
<tr>
<td>S19-2100</td>
<td>Emergency Fixture Thermostatic Mixing Valve</td>
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</tbody>
</table>

Optional Valve Selections

Finish
- □ R Rough Brass (standard)
- □ C Chrome Plated

Bracket
- □ B Wall Mounting Bracket
- □ 0 None

Piped Assembly
- □ P Piped Assembly with Inlet and Outlet Shutoff
- □ N* Piped Assembly only
- □ 0 None

Optional Cabinet Selections

Cabinets (includes bracket)
- □ SS Surface Mount Stainless Steel
- □ RS Recessed Stainless Steel
- □ SE Surface Mount White Enamel
- □ RE Recessed White Enamel
- □ 0 None

Window
- □ W Plexi-Glass Window in Door
- □ 0 None

*Requires cabinet selection

Application

Drench Showers or Combination Fixtures

Complies with ANSI/ISEA Z358.1

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P.O. Box 309, Menomonee Falls, WI 53052-0309
800 BRADLEY (800 272 3539) +1 262 251 6000
bradleycorp.com
S19-2100 (EFX25)
Emergency Fixture Thermostatic Mixing Valve

Recirculation Diagram

Dimensions

<table>
<thead>
<tr>
<th>Model</th>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>X[mm]</th>
<th>Y[mm]</th>
<th>Z[mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>S19-2100</td>
<td>7&quot; (178)</td>
<td>2' (61)</td>
<td>3-1/8&quot; (79)</td>
<td>5-1/4&quot; (133)</td>
<td>9-5/8&quot; (244)</td>
<td>14&quot; (356)</td>
<td>2-3/4&quot; (70)</td>
<td>9-3/16&quot; (230)</td>
<td>3/4&quot;</td>
<td>1&quot;</td>
<td>3/4&quot;</td>
</tr>
</tbody>
</table>
S19-2100 (EFX25)
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Dimensions — Surface-Mounted Cabinet

Front View

Side View

Bottom View

Back View

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This information is subject to change without notice.
Bradley_TMV_Emergency_EFX25

Dimensions in millimeters (mm)
S19-2100 (EFX25)
Emergency Fixture Thermostatic Mixing Valve

Dimensions — Recessed Cabinet

Front View

Side View

Bottom View

Dimensions (mm):
- Front View: 10-1/2" (267), 7" (178), 8-1/2" (216), 26" (663)
- Side View: 14" (356), 6-1/2" (165)
- Bottom View: 24" (608)
- Union Ball Valve
- Nipple
- Wall Flange
- 9/32" Dia Hole (4) Each Side (8) Total for Recessed Mount
- 3/4" NPT Inlets
- 1" NPT Outlet
- 2-1/4" (56), 2" (51), 5" (128), 1-1/2" (38)

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