S19-2150 (EFX20)
Emergency Fixture Thermostatic Mixing Valve

- Exceeds ANSI Z358.1
- ASSE 1071 Certified
- Reliable Liquid-Filled Thermostat with 10-Year Warranty
- Integral Strainer 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
- 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         Set Point
                         Std.       65° F (18° C) to 90° F (32° C) 85° F (29° C)

**Flow Capacities – GPM**

<table>
<thead>
<tr>
<th>Model</th>
<th>Min. Flow</th>
<th>5</th>
<th>10</th>
<th>15</th>
<th>20</th>
<th>30</th>
<th>45</th>
<th>60</th>
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</thead>
<tbody>
<tr>
<td>S19-2150</td>
<td>3</td>
<td>6.0</td>
<td>9.5</td>
<td>12.5</td>
<td>15.0</td>
<td>19.5</td>
<td>25.5</td>
<td>30.5</td>
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Minimum cold water bypass at 30 PSID: 8.0 GPM

**Flow Capacities – L/Min**

<table>
<thead>
<tr>
<th>Model</th>
<th>Min. Flow</th>
<th>.5</th>
<th>1.0</th>
<th>1.5</th>
<th>2.0</th>
<th>2.5</th>
<th>3.0</th>
<th>4.0</th>
</tr>
</thead>
<tbody>
<tr>
<td>S19-2150</td>
<td>11.5</td>
<td>29.0</td>
<td>46.0</td>
<td>60.0</td>
<td>72.0</td>
<td>83.5</td>
<td>96.5</td>
<td>113.5</td>
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</tbody>
</table>

Minimum cold water bypass at 2.1 Bar: 30.3 L/Min

**Application**

- Drench Showers

Complies with ANSI/ISEA Z358.1

**Code Compliance and Certifications**

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

ASSE 1071 & UPC certified.
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_{min}</th>
<th>Y_{min}</th>
<th>Z_{min}</th>
</tr>
</thead>
<tbody>
<tr>
<td>S19-2150</td>
<td>7&quot; (178)</td>
<td>2&quot; (51)</td>
<td>3-1/4&quot; (84)</td>
<td>4-3/4&quot; (119)</td>
<td>8&quot; (203)</td>
<td>14&quot; (356)</td>
<td>3-1/8&quot; (79)</td>
<td>9-1/4&quot; (234)</td>
<td>3/4&quot;</td>
<td>1&quot;</td>
<td>3/4&quot;</td>
</tr>
</tbody>
</table>
S19-2150 (EFX20)
Emergency Fixture Thermostatic Mixing Valve

Dimensions — Surface-Mounted Cabinet

<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>I</th>
<th>J</th>
<th>K</th>
<th>L</th>
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</thead>
<tbody>
<tr>
<td>S19-2150</td>
<td>22-3/4&quot; (578)</td>
<td>10-1/2&quot; (267)</td>
<td>8-1/2&quot; (216)</td>
<td>7&quot; (178)</td>
<td>2&quot; (51)</td>
<td>2&quot; (51)</td>
<td>24&quot; (610)</td>
<td>2&quot; (51)</td>
<td>24-1/4&quot; (615)</td>
<td>7-1/2&quot; (191)</td>
<td>20&quot; (508)</td>
<td>8-7/16&quot; (214)</td>
</tr>
</tbody>
</table>

Side View

Front View

Back View

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bradleycorp.com

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Bradley_TMV_Emergency_EFX20
S19-2150 (EFX20)
Emergency Fixture Thermostatic Mixing Valve

Dimensions — Recessed Cabinet

<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>I</th>
<th>J</th>
</tr>
</thead>
<tbody>
<tr>
<td>S19-2150</td>
<td>26&quot; (660)</td>
<td>22-3/4&quot; (578)</td>
<td>10-1/2&quot; (267)</td>
<td>8-1/2&quot; (216)</td>
<td>7&quot; (178)</td>
<td>2&quot; (51)</td>
<td>2&quot; (51)</td>
<td>14&quot; (356)</td>
<td>24&quot; (610)</td>
<td>2&quot; (51)</td>
</tr>
</tbody>
</table>

Side View

Front View

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