EMERGENCY MIXING VALVES

TA-300-LF

TA-350-LF

TM-800-LF

TM-850-LF

ASSE 1071 | LOW LEAD CERTIFIED
Made in the USA with Domestic and Imported Parts
Leonard Thermostatic Water Mixing Valves

- Controls water temperature to provide tepid water for emergency showers, eyewash and eye/face wash units
- DURA-trol® bi-metal thermostatic control
- Locked temperature regulator set for 85°F (29°C)
- High temperature limit stop set for 90°F (32°C)
- Internal cold water by-pass on failure of hot water supply standard on all models
- On failure of hot water supply, internal cold water by-pass delivers cold water to the emergency fixture, minimum of 4 GPM at 30 PSI
- ANSI/ISEA Z358.1-2014 requires water to emergency equipment to be “tepid”
- Optional systems with temperature override protection available
- All systems are factory tested before shipment
- On failure of cold water supply, hot water is shut down
- Color coded outlet dial thermometer to view temperature
- Toll-free technical support

TA-300-LF Standard System / TA-350-LF Dual System with Temperature Override Protection Selection Guide

<table>
<thead>
<tr>
<th>Models</th>
<th>Description</th>
<th>Flow Rate (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>TA-300-LF</td>
<td>Eye/Face Wash, 1/2” inlets, 1/2” outlet,</td>
<td>2 - 9 GPM (7.6-34 l/min)</td>
</tr>
<tr>
<td>TA-350-LF</td>
<td>Eye/Face Wash, 3/4” inlets, 3/4” outlet,</td>
<td>2 - 9 GPM (7.6-34 l/min)</td>
</tr>
</tbody>
</table>

Temperature Override Protection (TA-350-LF only)
A redundant thermostatic control valve on the outlet opens on temperature rise at 90°F (32°C) to introduce cold water and maintain tepid flow to the fixture.
Leonard Thermostatic Water Mixing Valves
- Controls water temperature to provide tepid water for emergency showers, eyewash and eye/face wash units
- DURA-trol® bi-metal thermostatic control
- Locked temperature regulator set for 85°F (29°C)
- High temperature limit stop set for 90°F (32°C)
- Internal cold water by-pass on failure of hot water supply standard on all models
- On failure of hot water supply, internal cold water by-pass delivers cold water to the emergency fixture, minimum of 20 GPM at 30 PSI
- ANSI/ISEA Z358.1-2014 requires water to emergency equipment to be “tepid”
- Optional systems with temperature override protection available
- All systems are factory tested before shipment
- On failure of cold water supply, hot water is shut down
- Color coded outlet dial thermometer to view temperature
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Models
<table>
<thead>
<tr>
<th>Model</th>
<th>Description</th>
<th>Temperature Settings</th>
<th>Flow Rate</th>
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</thead>
<tbody>
<tr>
<td>TM-600-LF</td>
<td>Single or Combination Shower, 3/4” inlets, 1” outlet, 3 - 51 GPM (11 - 193 l/min)</td>
<td>Locked temperature regulator set for 85°F (29°C), Adjustable high temperature limit stop set for 90°F (32°C)</td>
<td>3 - 51 GPM (11 - 193 l/min)</td>
</tr>
<tr>
<td>TM-800-LF</td>
<td>Single or Multiple Drench or Combination Shower, 1” inlets, 1-1/4” outlet, 3 - 56 GPM (11 - 212 l/min)</td>
<td>Locked temperature regulator set for 85°F (29°C), Adjustable high temperature limit stop set for 90°F (32°C)</td>
<td>3 - 56 GPM (11 - 212 l/min)</td>
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<tr>
<td>TM-850-LF</td>
<td>Single or Multiple Drench or Combination Shower, 1-1/4” inlets, 1-1/4” outlet, 3 - 56 GPM (11 - 212 l/min)</td>
<td>Locked temperature regulator set for 85°F (29°C), Adjustable high temperature limit stop set for 90°F (32°C)</td>
<td>3 - 56 GPM (11 - 212 l/min)</td>
</tr>
</tbody>
</table>

Temperature Override Protection (TM-850-LF only)
A redundant thermostatic control valve on the outlet opens on temperature rise at 90°F (32°C) to introduce cold water and maintain tepid flow to the fixture.
# Leonard Thermostatic Water Mixing Valves

- Controls water temperature to provide tepid water for emergency showers, eyewash and eye/face wash units
- DURA-trol® bi-metal thermostatic control
- Locked temperature regulator set for 85°F (29°C)
- High temperature limit stop set for 90°F (32°C)
- Internal cold water by-pass on failure of hot water supply standard on all models
- On failure of hot water supply, internal cold water by-pass delivers cold water to the emergency fixture, minimum of 40 GPM at 30 PSI
- ANSI/ISEA Z358.1-2014 requires water to emergency equipment to be “tepid”
- Optional systems with temperature override protection available
- All systems are factory tested before shipment
- On failure of cold water supply, hot water is shut down
- Color coded outlet dial thermometer to view temperature
- Toll-free technical support

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<tbody>
<tr>
<td>TM-5100-LF</td>
<td>Multiple Drench or Combination Showers, 1-1/4” inlets, 1-1/2” outlet, 3 - 126 GPM (11 - 477 l/min)</td>
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<tr>
<td>TM-5125-LF</td>
<td>Multiple Drench or Combination Showers, 1-1/4” inlets, 1-1/2” outlet, 3 - 126 GPM (11 - 477 l/min)</td>
</tr>
</tbody>
</table>

**Temperature Override Protection (TM-5125-LF only)**
A redundant thermostatic control valve on the outlet opens on temperature rise at 90°F (32°C) to introduce cold water and maintain tepid flow to the fixture

## Options

<table>
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<td>Exposed Baked White Steel Cabinet</td>
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<tr>
<td>BWE-REC</td>
<td>Recessed Baked White Steel Cabinet</td>
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<tr>
<td>VIEW</td>
<td>Viewport in Door (Standard except for TA-300-LF)</td>
</tr>
<tr>
<td>TOP</td>
<td>Top Inlets</td>
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</tbody>
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