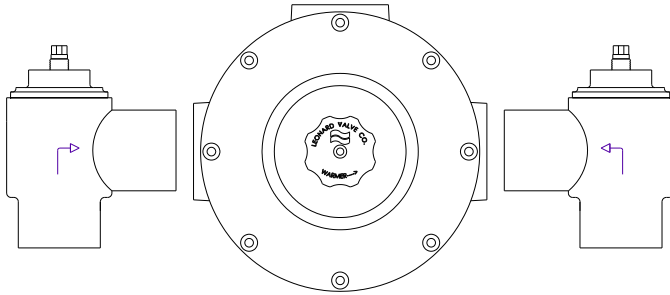


# ECO-MIX™

## LV-985-SW-LF\_\_\_\_\_

### 10-216 GPM (37.9-818 l/min)

## THERMOSTATIC MIXING VALVES



**NOTE: Sweat inlets & outlet, checks shipped loose**

- Thermostatic Water Mixing Valve with 10 GPM (37.9 l/min) minimum flow capacity
- 2" sweat inlets, 2" sweat outlet (51mm x 51mm)
- Integral combination checkstops with strainers and wall support
- 125 PSI (8.6 BAR) maximum operating pressure
- Copper encapsulated thermostatic assembly with Stainless steel shuttle
- Locking temperature regulating handle  
Temperature adjustment range, 95-135°F (35-57°C) \*\*
- Top or bottom supply connections
- Internal parts of Lead-Free bronze, and stainless steel
- Rough Bronze Finish

### OPTIONS

\_\_\_ **SUFFIX LWS** Less wall support

\_\_\_ **SUFFIX BDT** Ball valve with dial thermometer (shipped loose)

**Note: CP, chrome plated not available**

NOTE: Leonard Valve Company reserves the right of product or design modification without notice or obligation



**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.Ca.gov](http://www.P65Warnings.Ca.gov)

ASSE 1017 Certified



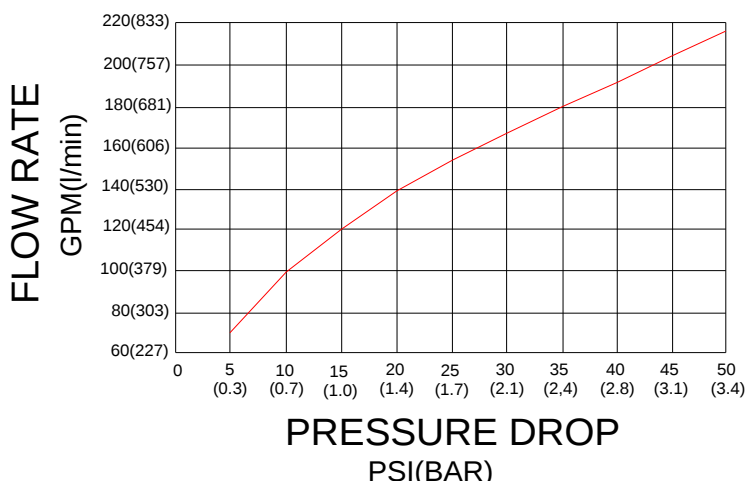
cUPC Certified



This product is certified to meet Low Lead requirements of wetted surface area containing less than 0.25% lead by weight

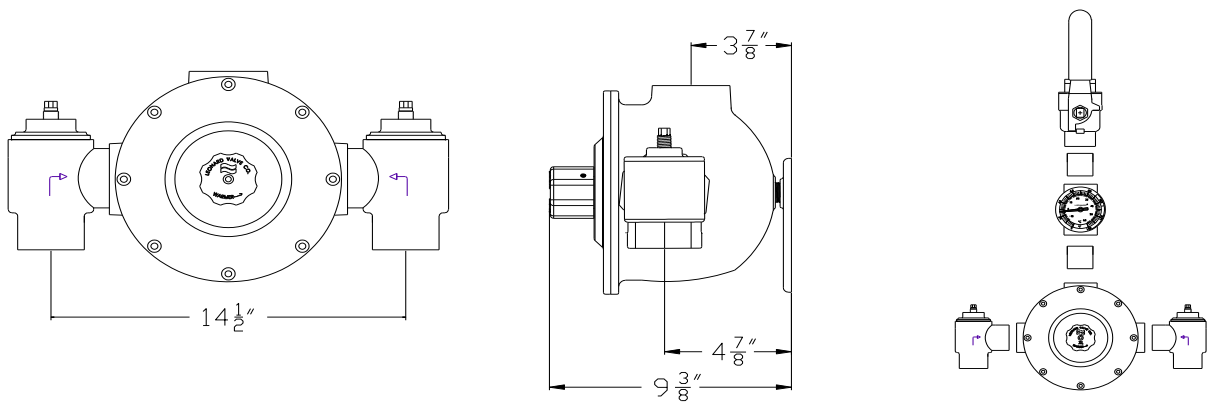
**\*NOTE:** A locking temperature regulator set for 120°F (49°C), is simply a mechanical setting to prevent unauthorized temperature set point changes. If incoming water is hotter than 150°F (65.5°C), the temperature of the factory test, the valve may deliver in excess of 120°F. **MUST BE RESET BY THE INSTALLER**

| VALVE  | MIN+<br>FLOW | PRESSURE DROP |     |     |     |     |     |     |     |     |     | PSI   |
|--------|--------------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
|        |              | 5             | 10  | 15  | 20  | 25  | 30  | 35  | 40  | 45  | 50  |       |
|        |              | 0.3           | 0.7 | 1   | 1.4 | 1.7 | 2.1 | 2.4 | 2.8 | 3.1 | 3.4 | BAR   |
| LV-985 | 10           | 71            | 99  | 120 | 139 | 154 | 168 | 181 | 193 | 205 | 216 | GPM   |
|        | 37.9         | 269           | 375 | 454 | 526 | 583 | 636 | 685 | 731 | 776 | 818 | l/min |

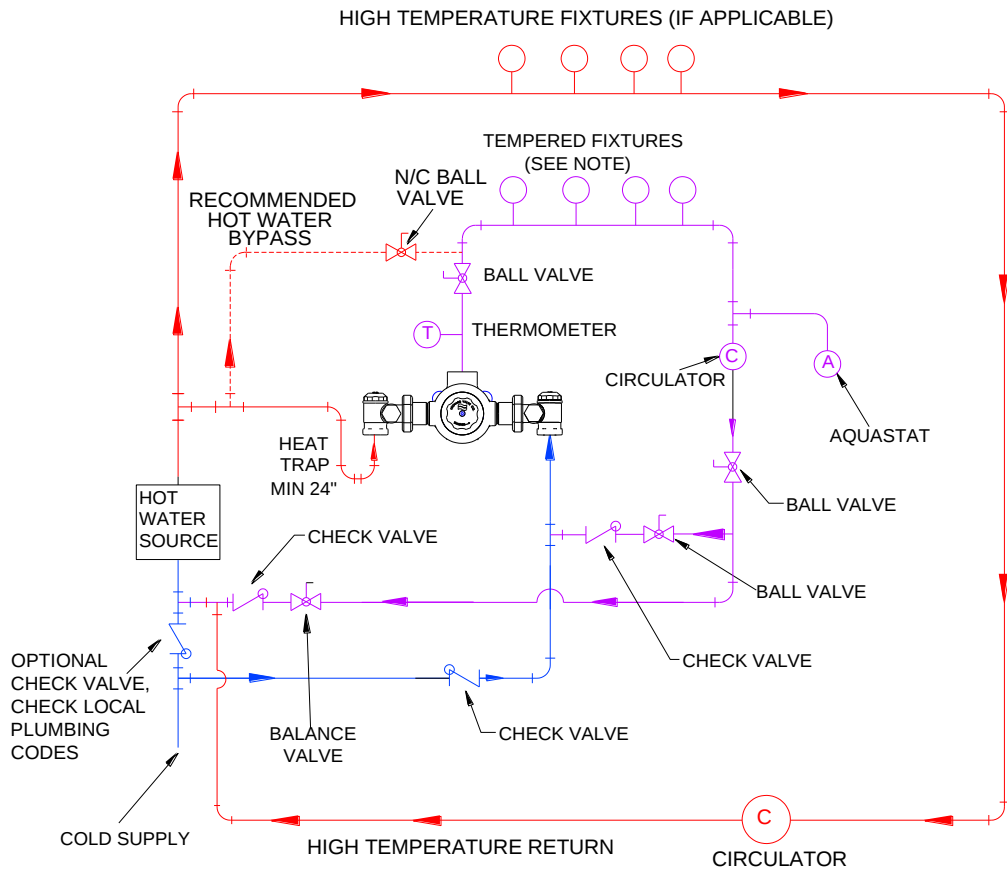


**+NOTE:** The valve will maintain temperature with 0.5GPM flow from the domestic hot water loop when properly installed near the hot water source with a continuously operating recirculation pump.

**\*\*NOTE:** For temperatures outside of this valve's stated range, please see our line of bi-metal valves.



**Note: BDT shipped loose not assembled**



**CAUTION!** All thermostatic water mixing valves have limitations. They will NOT provide the desired accuracy outside of their flow capacity range. Consult the Flow Capacity Chart and DO NOT OVERSIZE. Minimum flow must be no less than as indicated.

**Engineer's Approval**

Job # \_\_\_\_\_

Arch/Eng. \_\_\_\_\_

Contractor \_\_\_\_\_



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