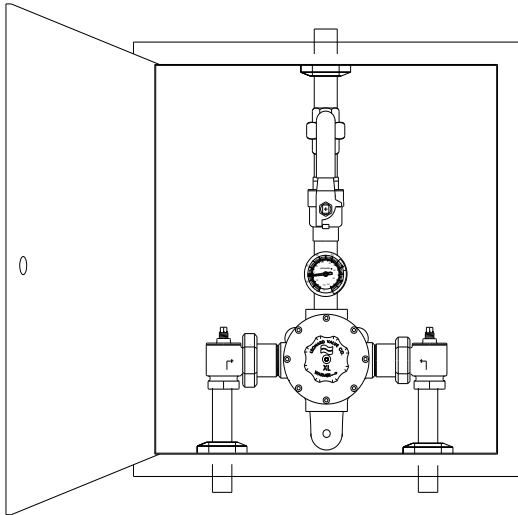


# Thermostatic MIXING VALVES

## ECO-MIX™ Cabinet Assemblies

XL-186-150-LF \_\_\_ - \_\_\_

\_\_\_ XL-186-150-LF 1¼" inlets and 1½" outlet



- Thermostatic water mixing valve
- Copper encapsulated thermostatic assembly with Teflon coated shuttle
- Combination checkstops, unions on inlets, wall support
- Locking temperature regulating handle
- Tempered outlet ball valves
- Color coded dial thermometer (0 to 140°F, -10° to 60°C)
- Temperature adjustment range, 95-135°F (35-57°C)
- 125 PSI (8.6 BAR) maximum operating pressure
- Recessed cabinet, with door, left hand hinge and flange, cylinder lock
- Bottom inlets, top outlet
- Factory assembled and tested
- Select valve piping finish and cabinet below
- See Flow Capacity Chart to select correct size

### OPTIONS:

- \_\_\_ SUFFIX CP - Chrome plated finish
- \_\_\_ SUFFIX BWE REC - Steel cabinet, baked white enamel recessed
- \_\_\_ SUFFIX STSTL REC - Stainless Steel recessed cabinet
- \_\_\_ SUFFIX BWE EXP - Exposed cabinet, baked white enamel
- \_\_\_ SUFFIX STSTL EXP - Exposed cabinet, Stainless steel
- \_\_\_ SUFFIX RHH - Right hand hinge
- \_\_\_ SUFFIX TOP - Top inlets
- \_\_\_ SUFFIX VP - View port
- \_\_\_ SUFFIX IT - Inlet thermometers

**XL-186-150-LF**



**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)

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

**+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.

**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.

Valve is ASSE 1017 Certified



Valve is CUPC Certified



Note: Leonard Valve Company reserves the right of product, or design modifications without notice or obligation.

**Valve assembly is certified to meet Low-Lead requirements of wetted surface area containing less than 0.25% lead by weight. All other fittings and components, the sum total of which comprise the wetted surface of this product contains less than one quarter of one percent of lead by weight.**

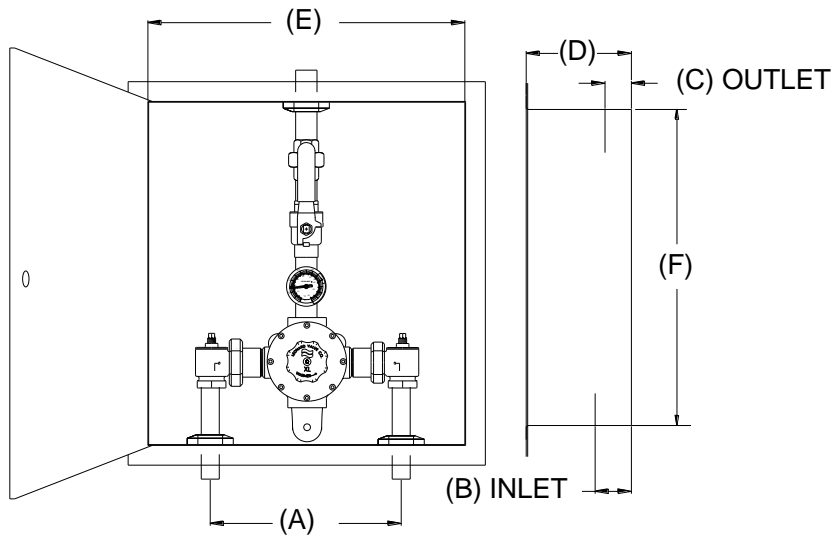


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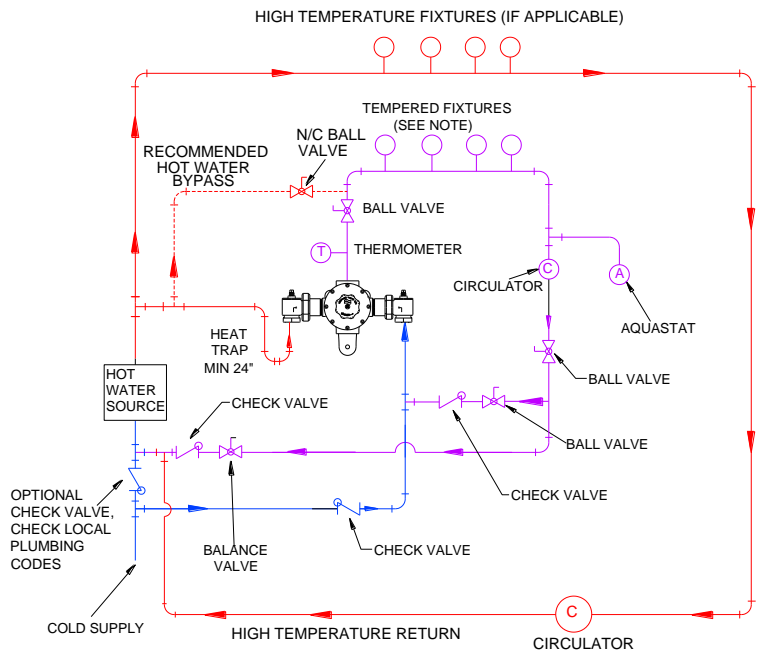
Email: [info@leonardvalve.com](mailto:info@leonardvalve.com)

Web Site: <http://www.leonardvalve.com>



| MODEL         | DIMENSIONS         |                  |                  |               |                |                |
|---------------|--------------------|------------------|------------------|---------------|----------------|----------------|
|               | A                  | B                | C                | D             | E              | F              |
| XL-186-150-LF | 14 1/2"<br>(368mm) | 3 3/4"<br>(95mm) | 2 3/4"<br>(70mm) | 9"<br>(229mm) | 24"<br>(610mm) | 26"<br>(660mm) |

| MODEL         | IN     | OUT    | MINIMUM FLOW (GPM)<br>(l/min) | SYSTEM PRESSURE DROP (PSIG) |          |           |           |           |            |            |            |            |                     |
|---------------|--------|--------|-------------------------------|-----------------------------|----------|-----------|-----------|-----------|------------|------------|------------|------------|---------------------|
|               |        |        |                               | 5                           | 10       | 15        | 20        | 25        | 30         | 35         | 40         | 45         | PSI                 |
| XL-186-150-LF | 1 1/4" | 1 1/2" | 3<br>11.4                     | .3<br>44                    | .7<br>61 | .97<br>74 | 1.4<br>86 | 1.7<br>95 | 2.1<br>103 | 2.4<br>110 | 2.8<br>117 | 3.1<br>124 | BAR<br>GPM<br>l/min |



|                            |                         |
|----------------------------|-------------------------|
| <b>Engineer's Approval</b> | <b>Job #</b> _____      |
|                            | <b>Arch/Eng.</b> _____  |
|                            | <b>Contractor</b> _____ |



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