

# Thermostatic MIXING VALVES ECO-MIX™

## Cabinet Assemblies XL-186-52-LF \_\_\_ - \_\_\_

\_\_\_ XL-186-52-LF 3/4" threaded inlets and 1" threaded outlet

- Thermostatic water mixing valve
- Copper encapsulated thermostatic assembly with stainless steel 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, 90-140°F (32-60°C) \*\*
- Maximum operating pressure is 125PSI
- 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



**XL-186-52-LF**

ASSE 1017 CERTIFIED 

CSA CERTIFIED 

**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 IT- Inlets thermometers
- \_\_\_ SUFFIX VP- View port

**NOTE:** SEMI semi-recessed cabinet NOT available



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

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

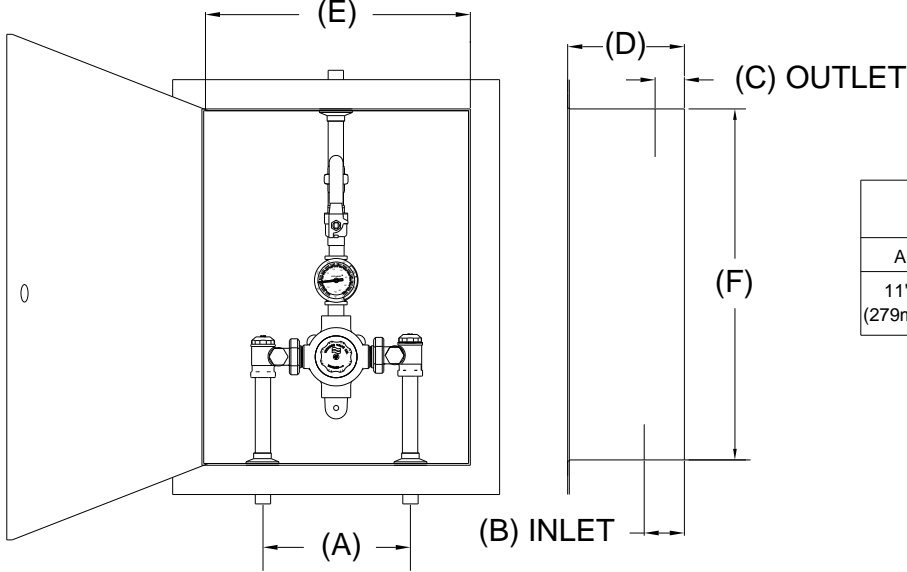
**+NOTE:** The valve will maintain temperature with 0.5GPM flow from the domestic hot water loop when properly installed near the hot water source with a continuously operating recirculation pump.

**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 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.**



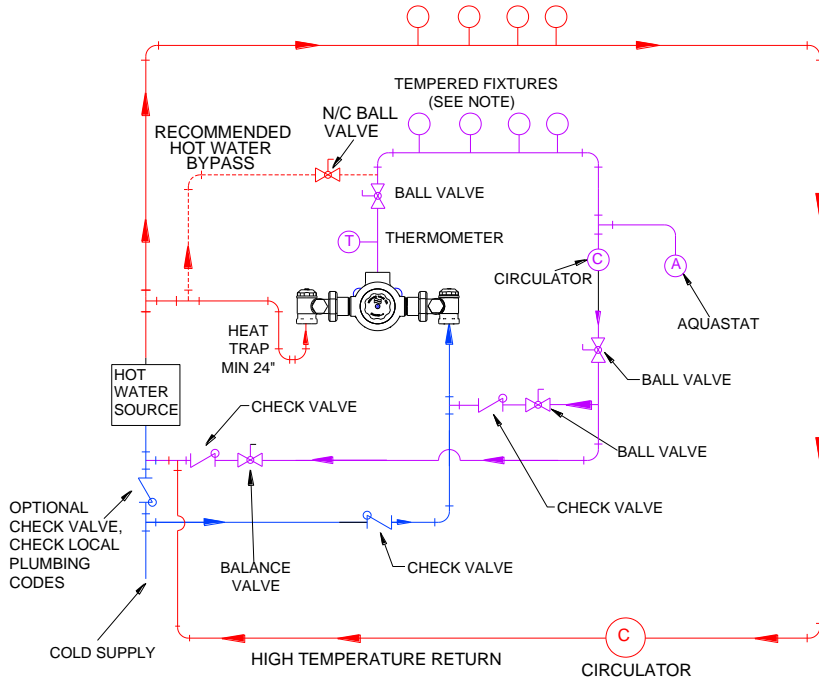
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DIMENSIONS					
A	B	C	D	E	F
11" (279mm)	4" (102mm)	2 1/2" (64mm)	8" (203mm)	18" (457mm)	24" (610mm)

PRESSURE DROP											
MIN+ FLOW	5	10	15	20	25	30	35	40	45	50	PSI
	0.3	0.7	1	1.4	1.7	2.1	2.4	2.8	3.1	3.4	BAR
1	18	26	31	36	40	44	47	50	53	55	GPM
3.8	68	98	117	136	151	167	178	189	201	208	l/min

HIGH TEMPERATURE FIXTURES (IF APPLICABLE)



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