

Thermostatic MIXING VALVES *ECO-MIX*™

Cabinet Assemblies XL-186-82-LF ___ - ___

___ XL-186-82-LF 1" threaded inlets and 1¼" 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

ASSE 1017 CERTIFIED 

cUPC 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

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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XL-186-82-LF



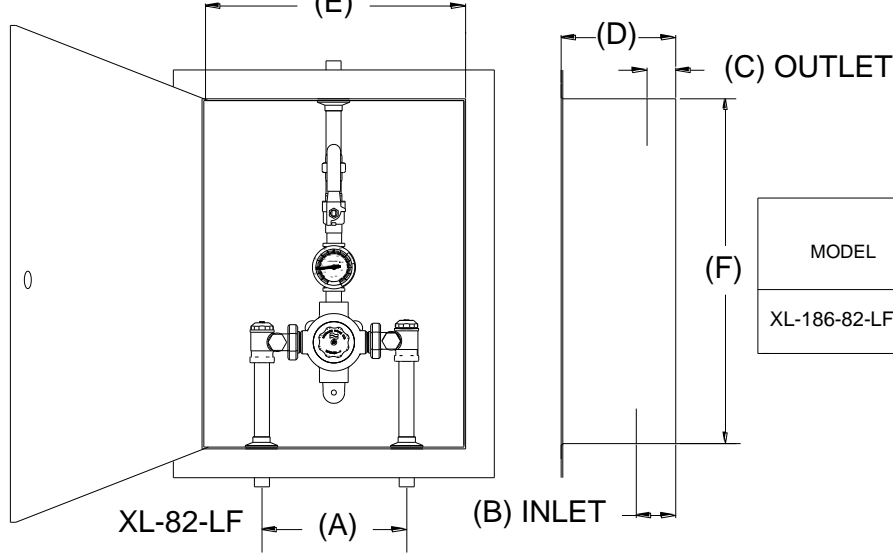
WARNING: This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information, go to www.P65Warnings.Ca.gov

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.

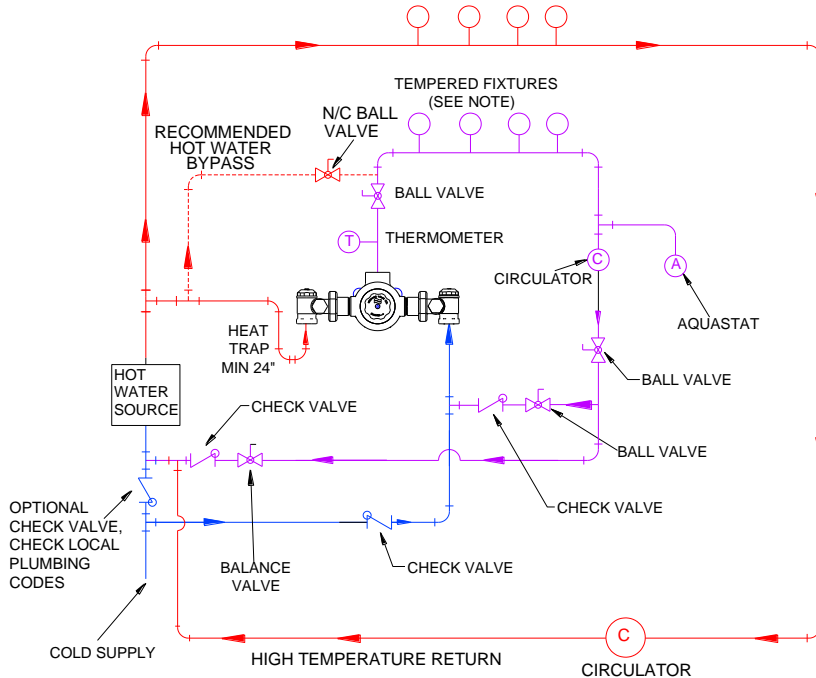
CAUTION! All thermostatic water mixing valves have limitations. They will NOT provide the desired accuracy outside of their flow capacity range. Consult the Flow Capacity Chart and DO NOT OVERSIZE. Minimum flow must be no less than as indicated.



MODEL	DIMENSIONS					
	A	B	C	D	E	F
XL-186-82-LF	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	19	28	34	39	43	48	51	55	58	61	GPM
3.8	72	106	129	148	163	182	193	208	219	231	l/min

HIGH TEMPERATURE FIXTURES (IF APPLICABLE)



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



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