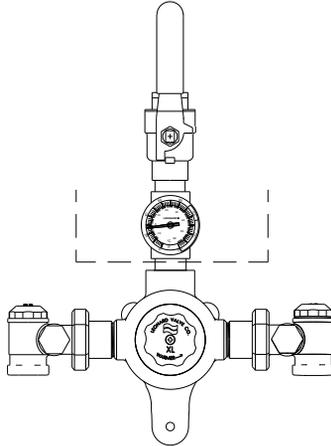


HIGH LOW THERMOSTATIC MIXING VALVES

ECO-MIX™

XL-82-LF-BDT_____

1-61 GPM (3.8-231 l/min)

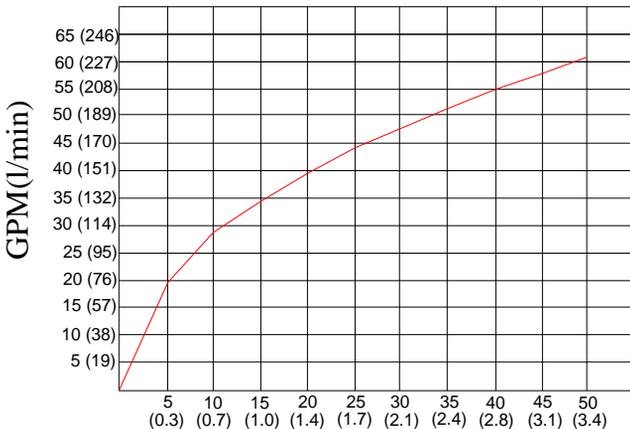


BDT ASSEMBLY
IS A COMPONENT ACCESSORY
INCLUDED BY FACTORY

- High Low Thermostatic Water Mixing Valve with 1 GPM (3.8 l/min) minimum flow capacity+
- 1" threaded inlets, 1-1/4" threaded outlet (25mm x 32 mm)
- Outlet dial thermometer and ball valve
- 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, 90-140°F (32-60°C) **
- Internal parts of stainless steel
- Rough Bronze Finish

		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	

FLOW RATE



PRESSURE DROP PSI(BAR)

OPTIONS

- ___ SUFFIX **IT** Inlet thermometers
- ___ SUFFIX **LWS** Less wall support
- ___ SUFFIX **CP** Chrome plated
- ___ SUFFIX **TC** Test Connection (ship loose)
- ___ SUFFIX **0** Less Outlet BDT Assembly

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

ASSE 1017 CERTIFIED



cUPC CERTIFIED

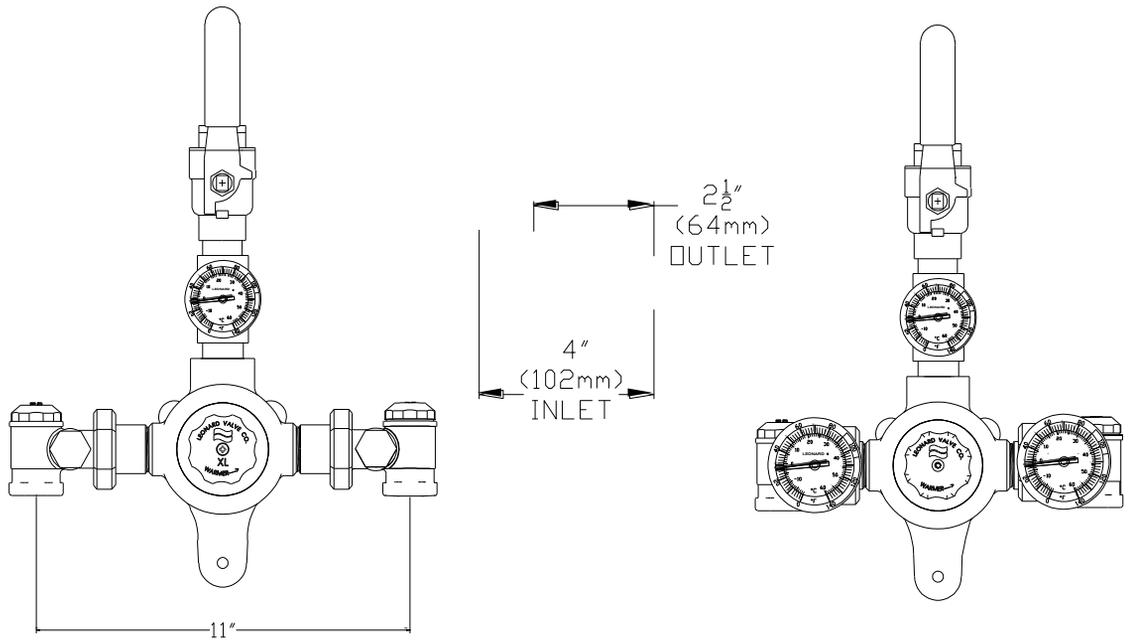


This valve is certified to meet Low Lead requirements of wetted surface area containing less than 0.25% lead by weight. All other component accessories, the sum total of which comprise the wetted surface of this product, contain less than one quarter of one percent lead by weight.

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

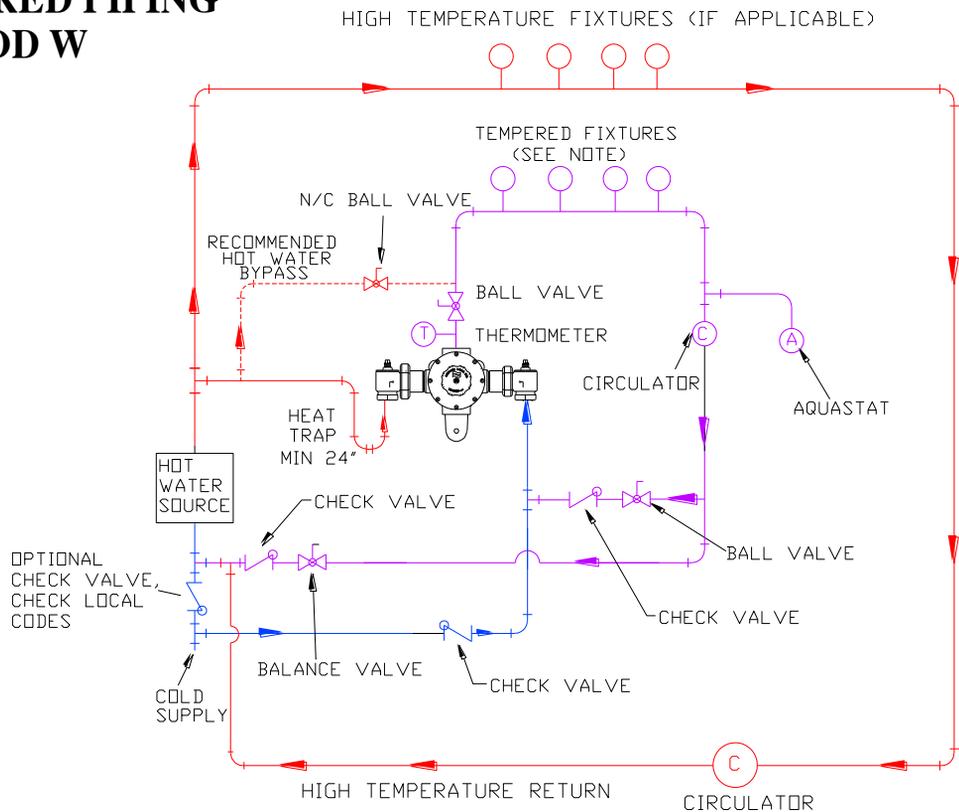
+NOTE: The valve will maintain temperature with 0.5GPM flow from the domestic hot water loop when properly installed near the hot water source with a continuously operating recirculation pump.

*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



SUFFIX IT

REQUIRED PIPING METHOD W



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.



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