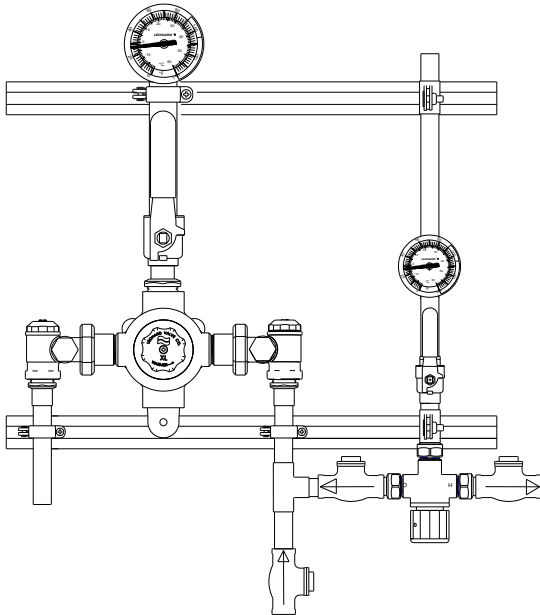




# Thermostatic MIXING VALVE

# ECO-MIX™ XL-82-LF-DT-RF-R34 Exposed Assemblies

XL-82-LF-DT-RF-R34  
1" inlets and 1 1/4" outlet



- Group / Individual Shower Control Unit
- High Low Thermostatic Water Mixing Valve with 1 GPM (3.8 l/min) minimum flow capacity +
- 1" sweat inlets, 1-1/4" sweat outlet (25mm x 32 mm)
- 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)\*\*
- Combination checkstops, unions, strainers on inlets wall support, cast lever handle
- Outlet ball valve with Thermometer
- 3/4" Return loop with thermometer and ball valve
- 3/4" Leonard ARV automatic return valve, (return limiter)
- Check valves on either side of ARV
- Temperature adjustment range, 90-140°F (32-60°C) \*\*
- Complete unit mounted on heavy duty strut, for ease of installation
- Valve assembly rough bronze finish
- Factory assembled and tested
- See Flow Capacity Chart reverse side

**OPTIONS:**

\_\_\_ **RP1-** Return piping 1", ARV replaced by 1" circuit setter

ASSE 1017 CERTIFIED 

cUPC CERTIFIED 

**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.**

**\*\*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.



**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:** 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.

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



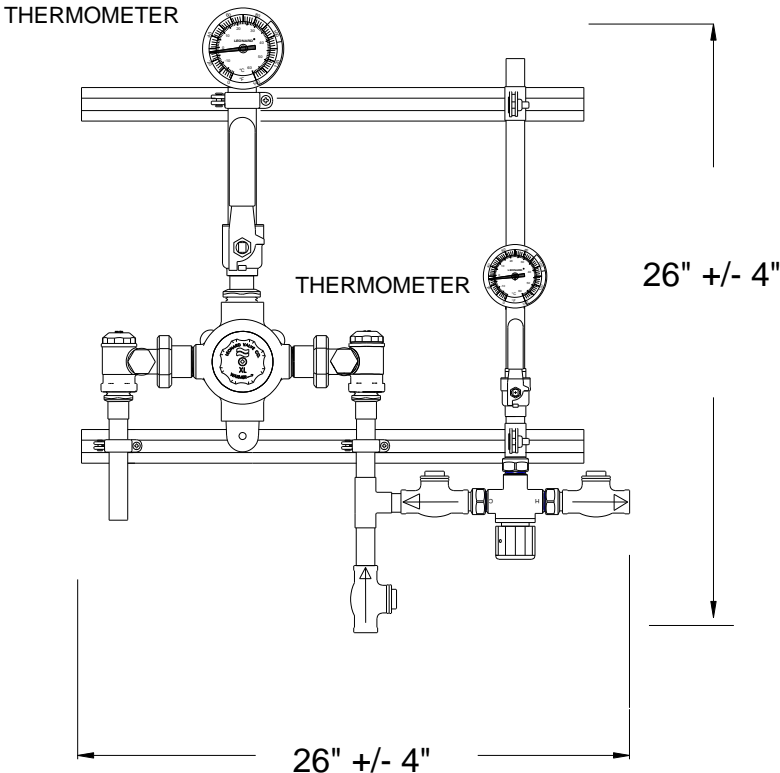
1360 Elmwood Avenue, Cranston, RI 02910 USA

Phone: 401.461.1200 Fax: 401.941.5310

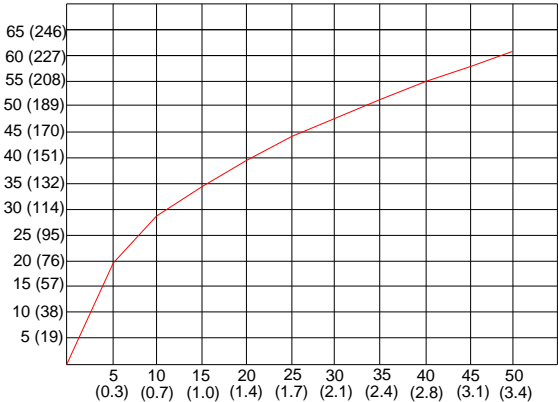
Email: [info@leonardvalve.com](mailto:info@leonardvalve.com)

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

# XL-82-LF-DT-RF-R34



PRESSURE DROP											
	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



1360 Elmwood Avenue, Cranston, RI 02910 USA  
 Phone: 401.461.1200 Fax: 401.941.5310  
 Email: [info@leonardvalve.com](mailto:info@leonardvalve.com)  
 Web Site: <http://www.leonardvalve.com>