

Thermostatic MIXING VALVES ECO-MIX™

Cabinet Assemblies

LV-296-10-LF _____

LV-296-20-LF _____*

LV-296-10-LF

- Thermostatic Water Mixing Valve with 1.5 GPM (5.6 l/min) minimum flow capacity
- ½” threaded inlets, ½” threaded outlet (12.7 mm x 12.7 mm)
- Integral combination checkstops with wall support
- 125 PSI (8.6 BAR) maximum operating pressure
- Copper encapsulated thermostatic assembly with stainless steel shuttle
- Locking temperature regulating handle
- Internal parts of stainless steel, brass, bronze
- Integral wall support for easy mounting
- Rough Bronze Finish
- Adjustable high temperature limit stop set for 110°F (43°C)
- Bottom inlets, Side outlet
- Ball valve on outlet
- Color-coded dial thermometer (25 to 125°F, 0 to 50°C)
- Temperature adjustment range, 90-140°F (32-60°C) **
- Vacuum breaker
- Factory assembled and tested
- See Flow Capacity Chart
- Recessed Stainless steel cabinet, door, left hand hinge, cylinder lock

LV-296-20-LF*

- Thermostatic Water Mixing Valve with 1 GPM (3.8 l/min) minimum flow capacity
- ¾” threaded inlets, ¾” threaded outlet (19 mm x 19mm)
- See Flow Capacity Chart
- Same features & settings as above

*Valve is ASSE 1017 Certified

*Valve is CUPC Certified



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

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 SEMI- Semi recessed 4”
- SUFFIX VIEW – View port in door

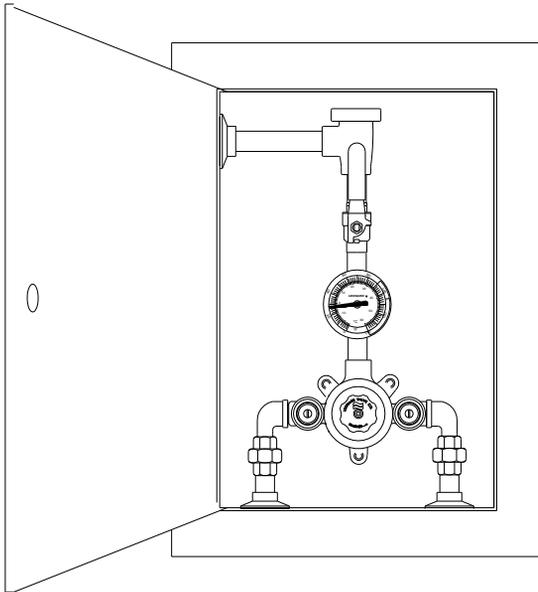


1360 Elmwood Avenue, Cranston, RI 02910 USA

Phone: 401.461.1200 Fax: 401.941.5310

Email: info@leonardvalve.com

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



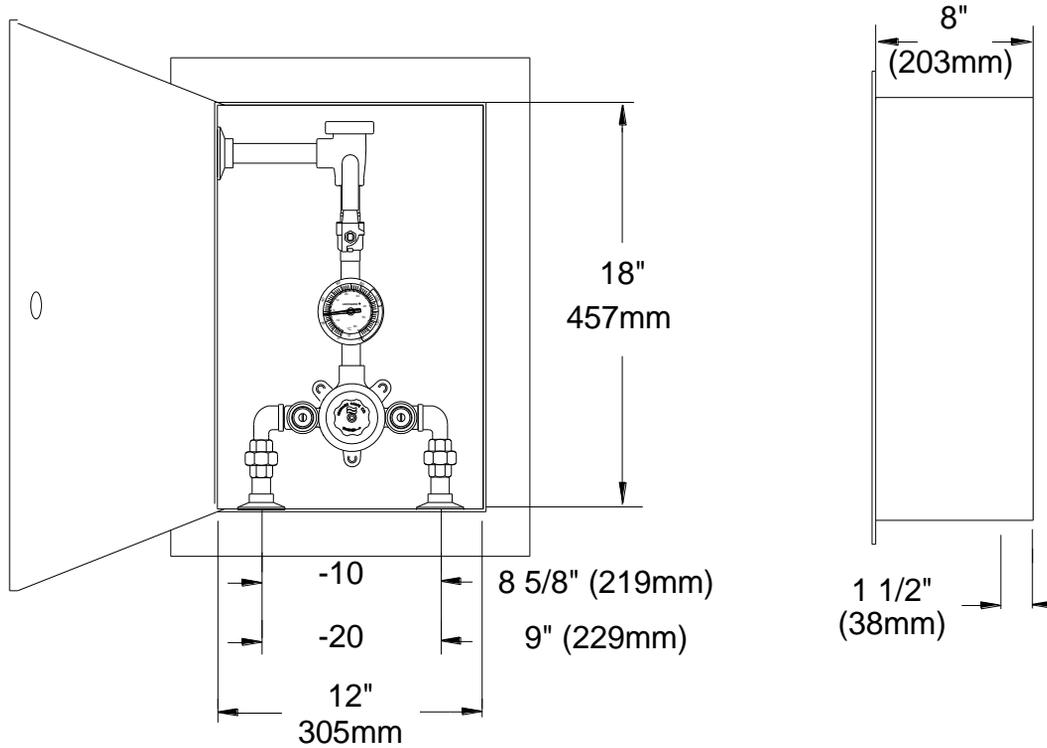
Valve is certified to meet Low-Lead requirements of wetted surface area containing less than 0.25% lead by weight. All other fittings and components, the sum total of which comprise the wetted surface of this product, contain less than one quarter of one percent of lead by weight.

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

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.

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

LV-296-10-LF, 20-LF



MODEL	IN	OUT	MINIMUM FLOW (GPM) (l/min)	SYSTEM PRESSURE DROP (PSIG)										
				5	10	15	20	25	30	35	40	45	50	PSI
				,3	.7	.97	1.4	1.7	2.1	2.4	2.8	3.1	3.4	BAR
LV-296-10	1/2"	1/2"	1.5 (5.6)	4 15	6 23	7.5 28	8.8 33	10 38	11 42	12 48	13 49	14 53	15 57	GPM l/min
*LV-296-20	3/4"	3/4"	1.0 (3.8)	6 23	9 34	12 45	14 53	16 61	18 68	20 76	22 83	24 89	25 95	GPM l/min

Engineer's Approval



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