

Hydrotherapy/Patient Care Controls/ Dialysis Systems/High Temperature Alarms

Leonard Thermostatic Water Mixing Systems

- Copper encapsulated thermostatic control
- Adjustable high temperature limit stops set for 110°F (43°C)
- Outlet on/off volume control, vacuum breaker
- Optional dial thermometers, cabinet mounting
- Up to three sizes (depending upon the model specified)
- Factory-preassembled and tested systems
- Toll Free technical support

Model XL-690-LF is ASSE 1069 Listed and 3rd Party certified as Lead Free

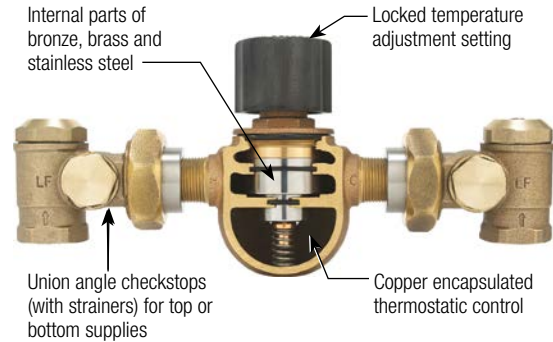
LV/XL Series Thermostatic Water Mixing Valves

All LV/XL Series Valves are furnished factory-assembled and tested with:

Highly responsive copper encapsulated thermostatic assembly to control the intake of hot and cold water and regulate mixed water temperature

Integral check valves on hot and cold inlets, wall supports, and locking temperature regulators

Maximum supply pressure: 125 PSI



Note: LV-10-LF and LV-20-LF have integral checks

Flow Capacities

Models	In	Out	Minimum Flow GPM	PRESSURE DROP										
				5	10	15	20	25	30	35	40	45	50	PSI
			L/MIN	0.3	0.7	1.0	1.4	1.7	2.1	2.4	2.8	3.1	3.4	BAR
TM-26-LF*	3/4"	3/4"	1.0	7	10	13	15	17	19	21	23	25	26	GPM
	(19.1mm)	(19.1mm)	(3.8)	26	38	49	57	64	72	80	87	95	98	L/MIN
LV-10-LF	1/2"	1/2"	1.0	4	6	7.5	8.8	10	11	12	13	14	15	GPM
	(12.7mm)	(12.7mm)	(3.8)	15	23	28	33	38	42	46	49	53	57	L/MIN
LV-20-LF*	3/4"	3/4"	1.0	6	9	12	14	16	18	20	22	24	25	GPM
	(19.1mm)	(19.1mm)	(3.8)	23	34	45	53	61	68	76	83	89	95	L/MIN
269-LF**	1/2"	1/2"	1.0	3.5	5.3	6.3	7	7.8	8.5	9.3	10	10.8	11.5	GPM
	(12.7mm)	(12.7mm)	(3.8)	13	20	24	27	30	32	35	38	41	44	L/MIN
369-LF**	3/4"	3/4"	1.0	4	5.8	6.8	7.5	8.3	9	9.8	10.5	11.3	12	GPM
	(19.1mm)	(19.1mm)	(3.8)	15	21	26	28	31	34	37	40	43	45	L/MIN
XL-670-LF***	1"	1 1/4"	2.5	5	10	20	35	39	41	48	55	59	62	GPM
	(25.4mm)	(31.6mm)	(9.5)	19	38	76	132	148	155	182	208	223	235	L/MIN
XL-690-LF****	1"	1 1/4"	1.0	5	10	20	35	39	41	48	55	59	62	GPM
	(25.4mm)	(31.6mm)	(3.8)	19	38	76	132	148	155	182	208	223	235	L/MIN
*ASSE 1017 listed and 3rd party certified as lead free **ASSE 1069 listed and 3rd party certified as lead free ***ASSE 1070 listed and 3rd party certified as lead free ****ASSE 1017 & 1069 listed and 3rd party certified as lead free				MAXIMUM FLOW CAPACITY										

CAUTION! All thermostatic water mixing valves have limitations. They will not provide the desired accuracy outside of their flow capacity range. Consult the above chart and make certain minimum flow is greater than as shown.

NOTE: The valve model must be selected based upon the following:

- Maximum system demand for mixed water (see Leonard's exclusive CASPAK® Sizing Program at www.leonardvalve.com)
- System pressure drop†
- Designer's estimated minimum mixed water flow requirement

† System pressure drop = the pressure available at the inlet of the mixing valve minus the pressure required to operate the farthest fixture, i.e., faucet or shower valve, in the building