

GANG SHOWER THERMOSTATIC MIXING VALVES

XL-690-LF-DT-TC

1-65 GPM (3.8-246 l/min)

AUTOMATIC TEMPERATURE CONTROL MIXING VALVE

For applications that include but are not limited to gang showers and sitz baths, by supplying water at a preset temperature through a single pipe supply. Mixing water downstream of an ASSE 1069 device is not allowed.

MATERIALS:

- Lead Free Bronze bodies
- Locked temperature adjustment caps (vandal resistant)
- Copper encapsulated thermostatic elements
- Integral check valves on hot and cold valve inlets and wall support
- 1" inlets, 1-1/4" outlet (25mm x 32mm)
- Dial thermometer on outlet
- Test Connection (shipped loose)

PRESSURE-TEMPERATURE:

- Minimum Flow: 1.0 GPM (3.8 L/min)
- 4 PSI (0.27 BAR) Pressure Drop when Flowing 2.5 GPM (9.5 L/min)
- Maximum Pressure: 125 PSI (8.6 BAR)
- Maximum Hot Water temperature: 200°F (93°C)
- Approach Temperature 5°F (2.8°C) above set point
- Temperature adjustment range, 90-120°F (32-49°C)

OPTIONS:

___SUFFIX IT – Inlet Thermometers

ASSE 1017 & 1069 CERTIFIED



CSA CERTIFIED



This product is certified to meet Low Lead requirements of wetted surface area containing less than 0.25% lead by weight

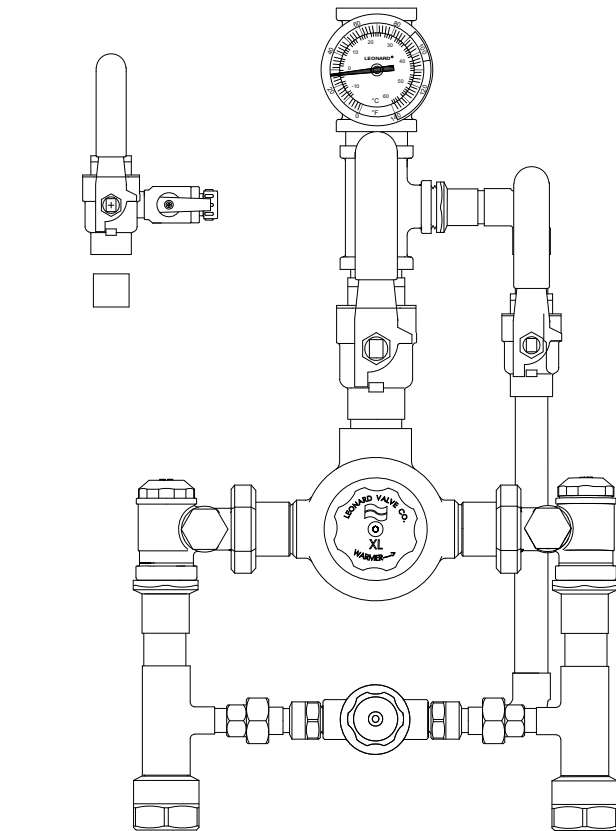
NOTE: This product is not for potable use



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

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: Leonard Valve Company reserves the right of product or design modification without notice or obligation



PRESSURE DROP													
MIN FLOW	5	10	15	20	25	30	35	40	45	50	55	60	PSI
	0.3	0.7	1	1.4	1.7	2.1	2.4	2.8	3.1	3.4	3.8	4.1	BAR
1	5	10	20	35	39	41	48	55	59	62	64	65	GPM
3.8	19	38	76	132	148	155	182	208	223	235	242	246	l/min

NOTE: Flowrates will vary depending on existing field conditions. Leonard Valve Company always recommends using CASPAK® sizing software for proper valve sizing and model number applications.

Engineer's Approval

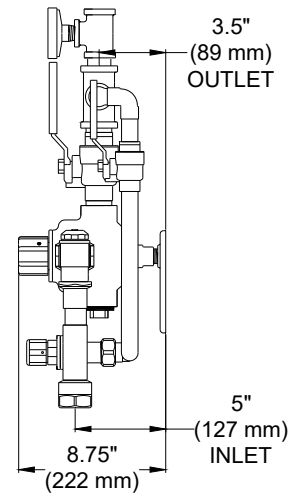
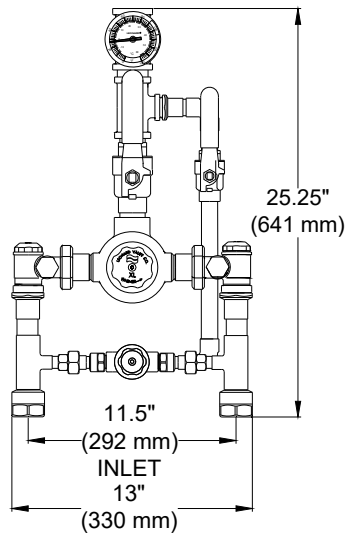
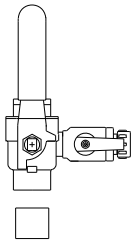
Job # _____

Arch/Eng. _____

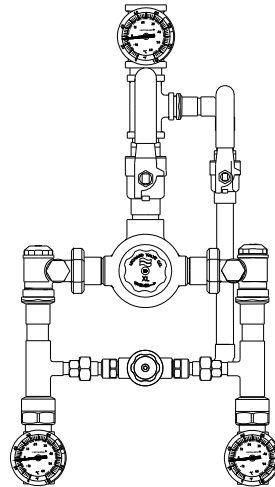
Contractor _____

Note: The model shown represents Leonard Products which are believed to be equivalent in type and function to items specified. Leonard Valve Company is not responsible for errors or omissions due to differences in interpretations of information provided.

**TEST
CONNECTION
(SHIP LOOSE)**

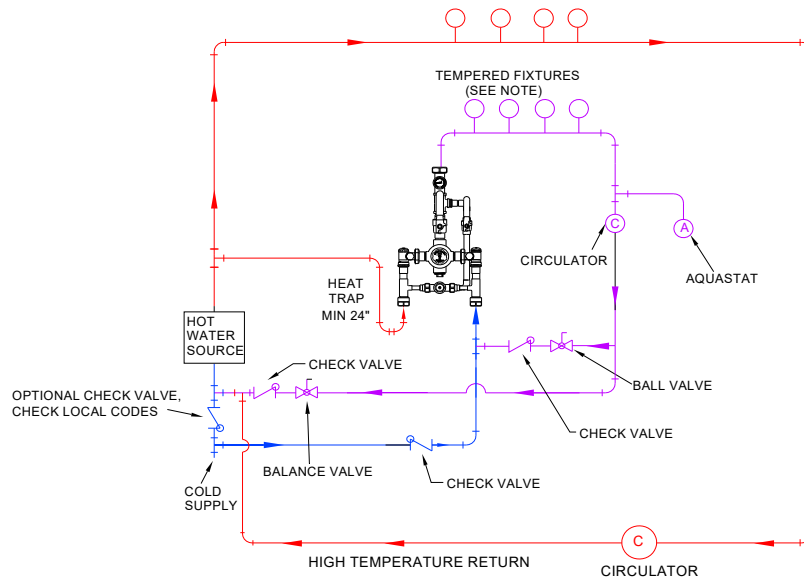


SUFFIX IT



REQUIRED PIPING METHOD W

HIGH TEMPERATURE FIXTURES (IF APPLICABLE)



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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