

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 (shipped loose)

CABINET OPTIONS – SEE PAGE 3

Certifications:

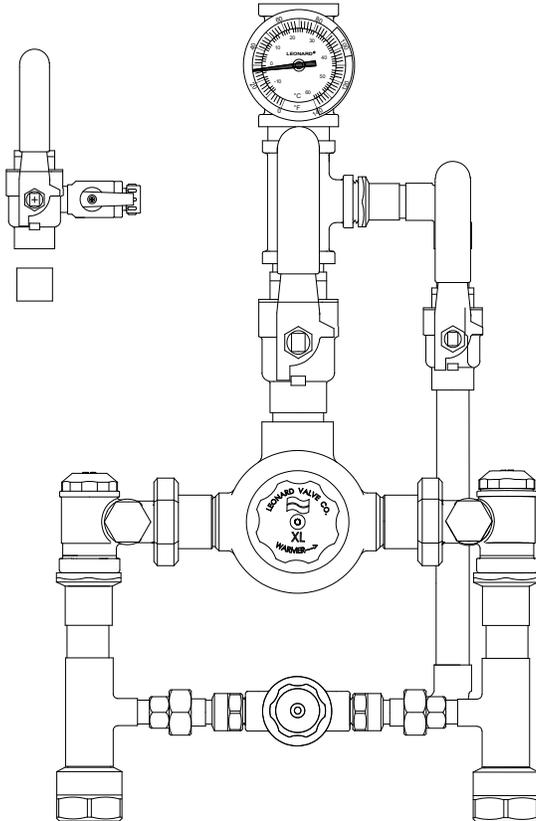
ASSE 1017 & 1069



CSA



NOTE: This product is not for potable use



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.

Buy American Act
COMPLIANT

BUILD AMERICA BUY AMERICA
COMPLIANT



WARNING: Risk of cancer and reproductive harm from exposure to lead – See 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.

Engineer's Approval

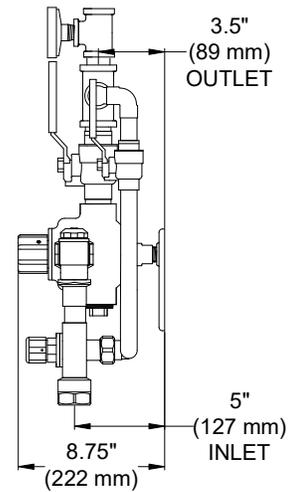
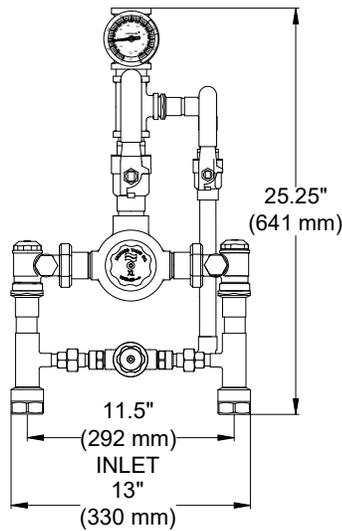
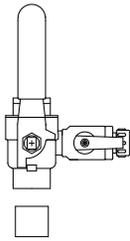
Job # _____

Arch/Eng. _____

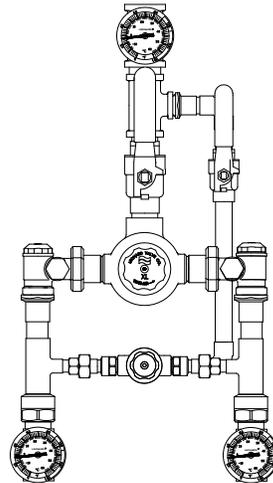
Contractor _____

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)**

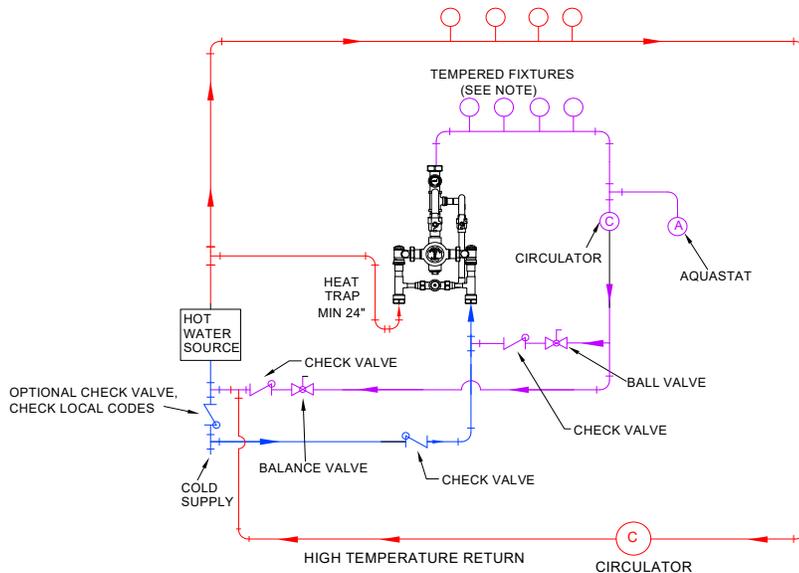


SUFFIX IT



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.



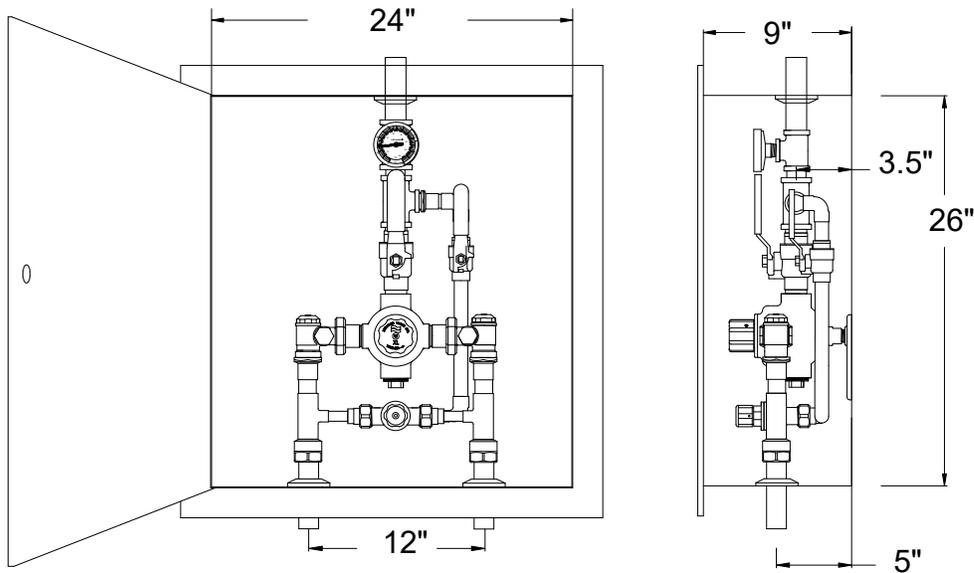
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Web Site: <http://www.leonardvalve.com>

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



CABINET OPTIONS:

- 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 RHH -** Right hand hinge
- SUFFIX IT –** Inlet thermometers (SHIP LOOSE) Exposed cabinet only

Note: No SEMI-REC offered on 24" X 26" X 9" cabinet

LIMITED WARRANTY

Leonard Valve Company (hereinafter, "Leonard") warrants the original purchaser that products manufactured by Leonard will be free from defects in material or workmanship under normal conditions of use, when properly installed and maintained in accordance with Leonard's instructions, for a period of one year from the date of shipment. During this period, Leonard will at its option repair or replace any product, or part thereof, which shall be returned, freight prepaid, to the Leonard factory and determined by Leonard to be defective in materials or workmanship. Leonard provides no warranty, express or implied, which extends beyond the description contained herein. LEONARD SPECIFICALLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE. Nonetheless, some jurisdictions may not allow the disclaimer of certain implied warranties, in which case Leonard hereby limits such implied warranties to the duration of the limited warranty period contained herein. Some jurisdictions may not allow limitations on how long an implied warranty lasts, so the foregoing durational limitation may not apply to you. In no event will Leonard be liable for labor or incidental or consequential damages. Any alteration or improper installation or use of this product will void this limited warranty. If any provision of this limited warranty is prohibited by law in the applicable jurisdiction, such provision shall be null and void, but the remainder of this limited warranty shall continue in full force and effect.



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