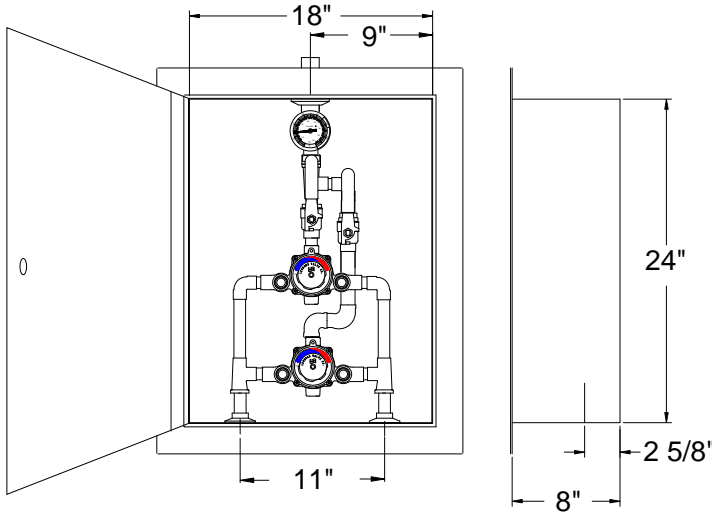


NEXT GENERATION HIGH LOW SYSTEM

ECO-MIX™



TM-186-420B-LF-_____ Cabinet Assembly

- Large Type TM Thermostatic water mixing valve, adjustable high temperature limit stop*, inlet checkstops, wall support, outlet ball valve
- Small Type TM Thermostatic water mixing valve, adjustable high temperature limit stop*, inlet checkstops, outlet ball valve
- Maximum operating pressure: 125 PSI (860 KPA)
- 3/4 " inlets, 1" outlet (19mm X 25mm)
- 1 GPM (3.8 l/min) minimum flow capacity
- Color-coded dial thermometer (0 to 140°F, -10 to 60°C)
- Inlet manifold piping
- Locking temperature regulators.
- Recessed cabinet with hinged door and cylinder lock.
- Factory assembled and tested

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

OPTIONS:

- ___ SUFFIX CP – Chrome plated (Material finish may vary)
- ___ SUFFIX BWE REC- Steel cabinet, baked white enamel recessed
- ___ SUFFIX STSTL REC- Stainless steel recessed cabinet
- ___ SUFFIX BWE EXP- Exposed baked white enamel cabinet
- ___ SUFFIX STSTL EXP-Exposed cabinet, stainless steel
- ___ SUFFIX SEMI- Semi-recessed frame 4" deep
- ___ SUFFIX VIEW – View port on door
- ___ SUFFIX TC- Test connection on outside of exposed cabinets only and shipped loose
- ___ SUFFIX IT- Inlet thermometers on outside of exposed cabinets only, and shipped loose

Valve assembly is ASSE 1017 Certified



Valve assembly is CSA Certified



MINIMUM FLOW (GPM) (l/min)	SYSTEM PRESSURE DROP (PSIG)										PSI BAR
	5	10	15	20	25	30	35	40	45	50	
1.0 (3.8)	12 45	18 68	22 83	26 98	30 114	33 125	36 136	39 148	42 159	44 167	GPM l/min

+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.

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.

Note: Leonard Valve Company reserves the right of product, or design modifications without notice or obligation.

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.

***NOTE:** A limit stop, set for 120°F (49°C), is simply a mechanical setting to prevent excessive handle rotation. If incoming water is hotter than 150°F (65.5°C), the temperature of the factory test, the valve when turned to full HOT may deliver water in excess of 120°F and the limit stop MUST BE RESET BY THE INSTALLER

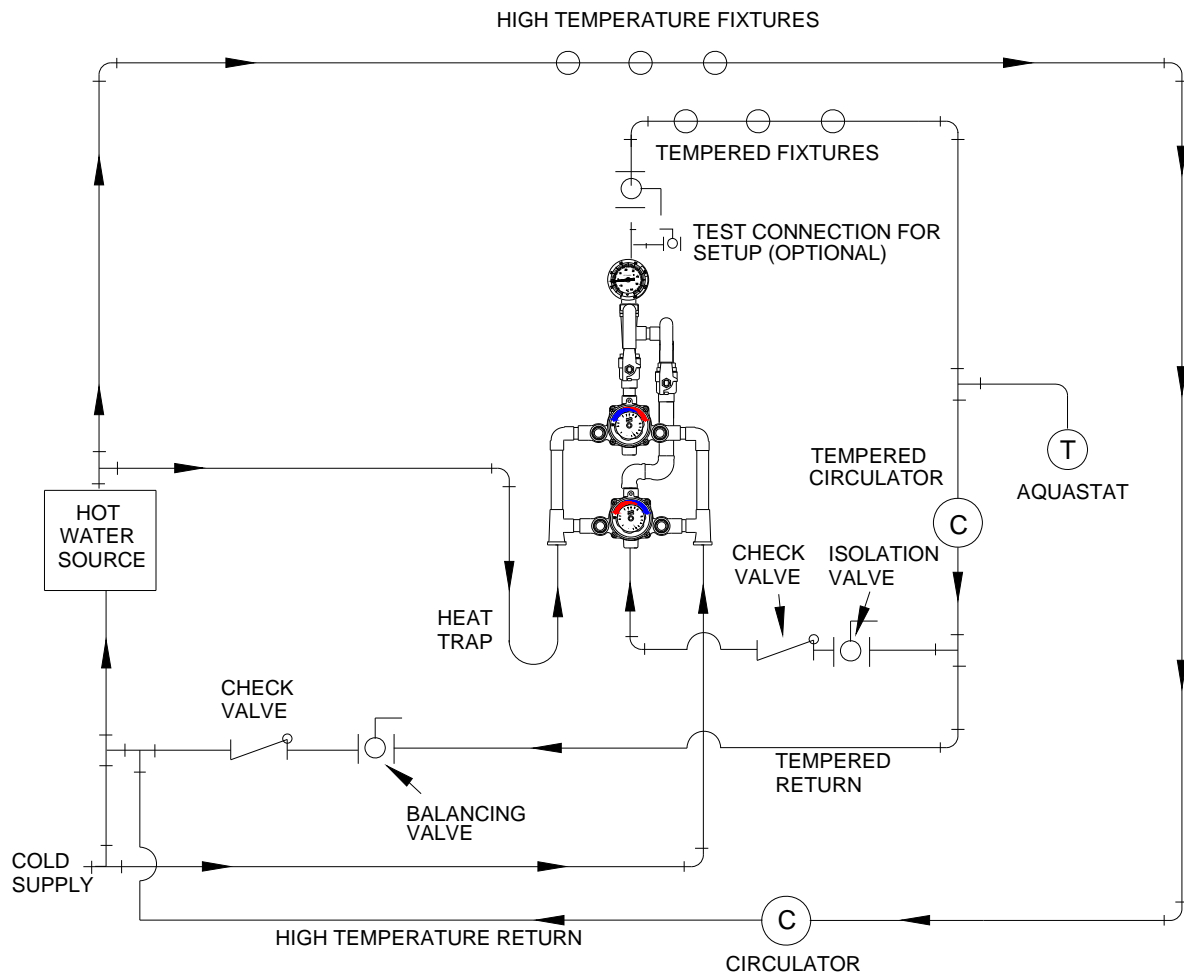
Engineer's Approval	Job # _____
	Arch/Eng. _____
	Contractor _____

Note: The models shown represent 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.

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.Pb5Warnings.Ca.gov

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

PIPING METHOD #2, only for systems circulating 8 GPM or less. See Method #5 for circulated flow rates above 8 GPM.



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