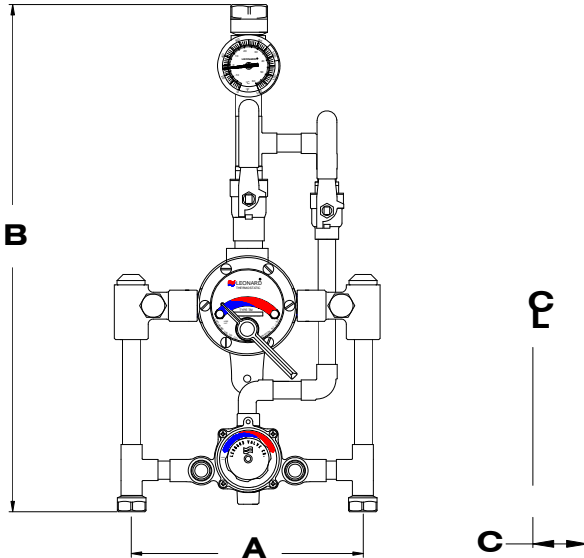


NEXT GENERATION HIGH LOW SYSTEM

ECO-MIX™



A=10 1/2" +/- 1/2" B=22 1/4" C=2 5/8"

TM-520B-LF-DT _____

Submittal Data Sheet S-1233C-LF

December 2014

- 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
- 3/4" inlets, 1" outlet (19mm X 25mm)
- 1 GPM (3.7 l/min) minimum flow capacity
- Color-coded dial thermometer (0 to 140°F, -10 to 60°C)
- Inlet manifold piping
- Locking temperature regulators
- 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 IT – Inlet Thermometers (shipped loose)
- ___ SUFFIX TC – Test Connection (shipped loose)

Valve assembly is ASSE 1017 Certified



Valve assembly is CSA Certified



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
1.0 (3.7)	19 72	29 110	38 144	45 170	51 193	56 212	62 235	68 257	72 272	75 284	GPM 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.

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.



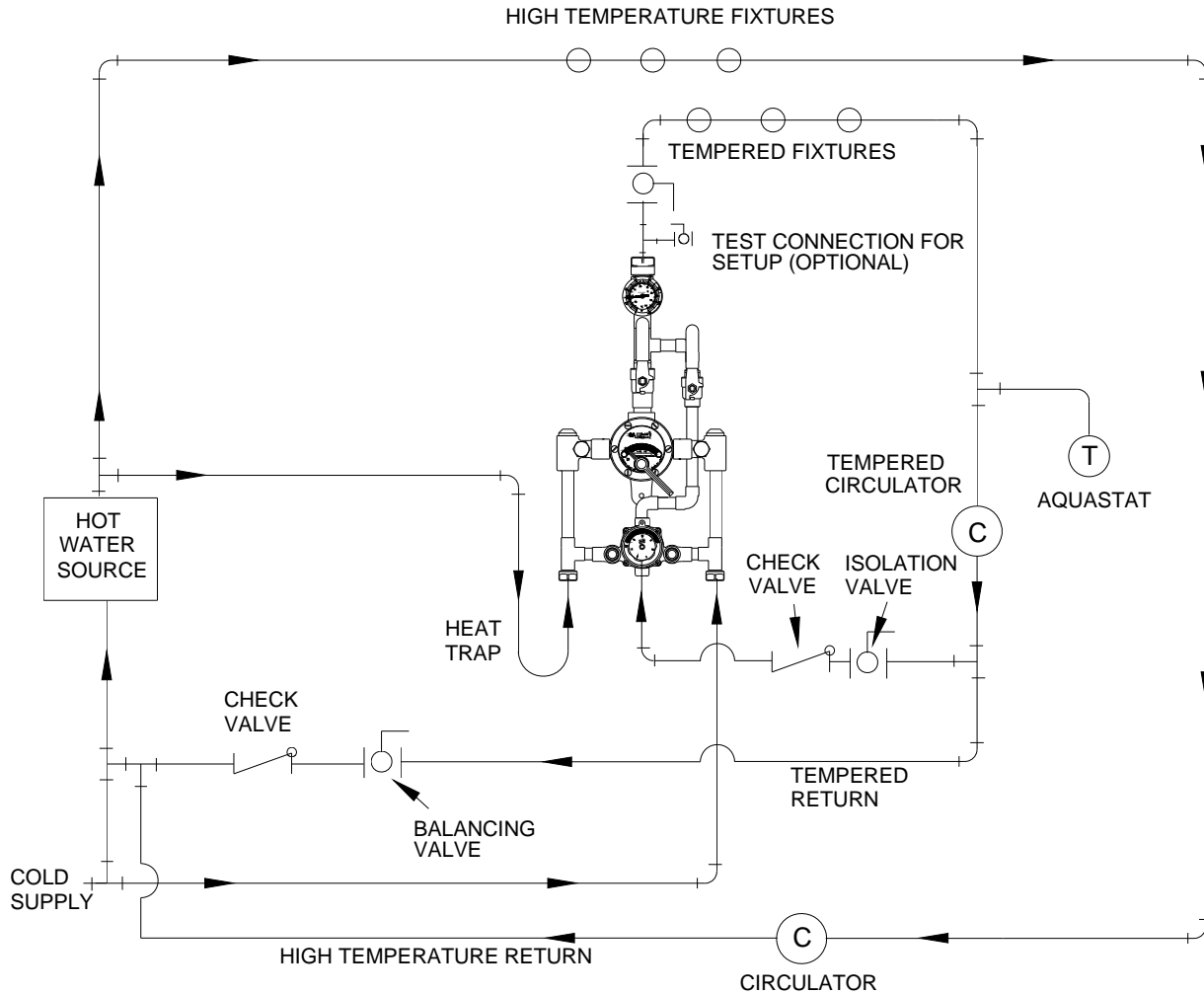
1360 Elmwood Avenue, Cranston, RI 02910 USA

Phone: 401.461.1200 Fax: 401.941.5310

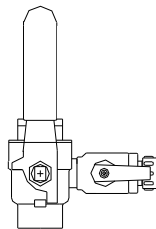
Email: info@leonardvalve.com

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

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



(OPTIONAL) TEST CONNECTION



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 Phone: 401.461.1200 Fax: 401.941.5310
 Email: info@leonardvalve.com
 Web Site: <http://www.leonardvalve.com>