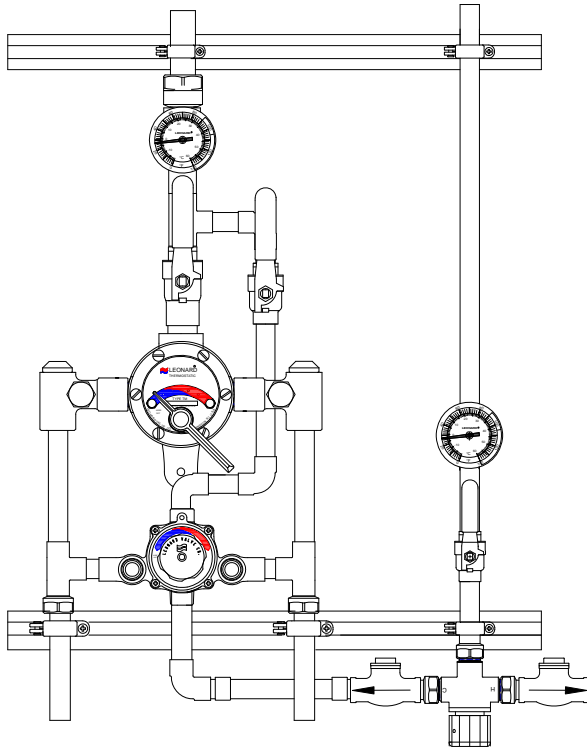


NEXT GENERATION HIGH LOW SYSTEM

TM-520B-LF-DT-RF-R34 Exposed Recirculation Piping Assemblies

ECO-MIX™



Valve assembly is certified to meet Low-Lead requirements of wetted surface area containing less than 0.25% lead by weight. All other fittings and components, the sum total of which comprise the wetted surface of this product contain less than one quarter of one percent of lead by weight.

__TM-520B-LF-DT-RF-R34

¾" inlets and 1" outlet

- 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*, integral checkstops, outlet ball valve
- ¾" inlets, 1" outlet (19mm X 25mm)
- 1 GPM (3.8 l/min) minimum flow capacity
- Inlet manifold piping
- Dura-trol® solid bimetal thermostat directly linked to valve porting to control the intake of hot and cold water and compensate for supply temperature or pressure fluctuations. Dura-trol® is highly responsive and cannot be damaged by extremes in temperature
- Adjustable high temperature limit stop* set for 120°F (49°C)
- Combination checkstops, wall support
- Dial thermometer on outlet
- ¾" Return loop with dial thermometer
- Ball valve
- ¾" Leonard ARV automatic return valve, parafin-based
- Check valves on either side of ARV
- Complete unit mounted on heavy duty strut, for ease of installation
- Valve assembly rough bronze finish
- Factory assembled and tested
- See Flow Capacity Chart on page 2
- Up to 8 GPM recirculation flow, above 8 GPM please choose RP1

OPTION

__RP1- Return piping 1", ARV replaced by 1" circuit setter, method #5

Valve is ASSE 1017 Certified



Valve is CSA Certified



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

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

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



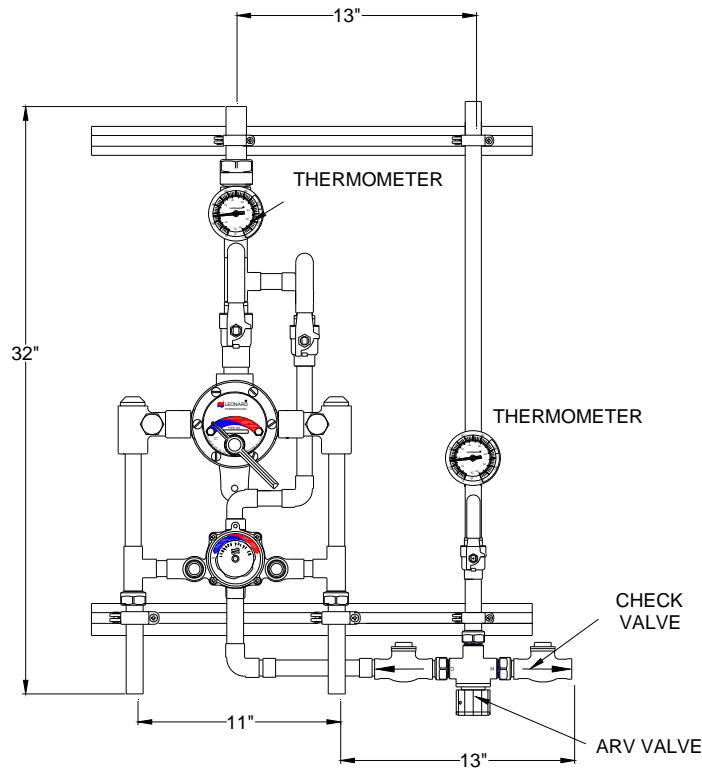
1360 Elmwood Avenue, Cranston, RI 02910 USA

Phone: 401.461.1200 Fax: 401.941.5310

Email: info@leonardvalve.com

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

TM-520B-LF-DT-RF-R34



MINIMUM FLOW (GPM)	SYSTEM PRESSURE DROP (PSIG)										PSI
	5	10	15	20	25	30	35	40	45	50	
(l/min)	.3	.7	.97	1.4	1.7	2.1	2.4	2.8	3.1	3.4	BAR
1.0	19	29	38	45	51	56	62	68	72	75	GPM
(3.8)	72	110	144	170	193	212	235	257	272	284	l/min



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