

# THERMOSTATIC MIXING VALVE

## ECO-MIX™

# MODEL 170-LF

## LEAD FREE THERMOSTATIC POINT OF USE MIXING VALVE

MODEL 3/8" inlets, 3/8" outlet, compression connections

### MATERIALS:

- Lead Free Bronze body
- Locked temperature adjustment cap (vandal resistant)
- Copper encapsulated thermostat assembly with polymer thermoplastic shuttle
- Stainless steel springs
- Integral check valves on hot and cold inlets
- Compression fittings on inlets and outlet

### PRESSURE-TEMPERATURE:

- Minimum Flow: 0.25 GPM (.95 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, 90-140°F (32-60°C) \*\*

### OPTIONS:

- \_\_\_ BP- Cold water By-Pass (shipped loose)
- \_\_\_ CP- Chrome Plated
- \_\_\_ BRKT- Mounting Bracket (shipped loose)

### Certifications:

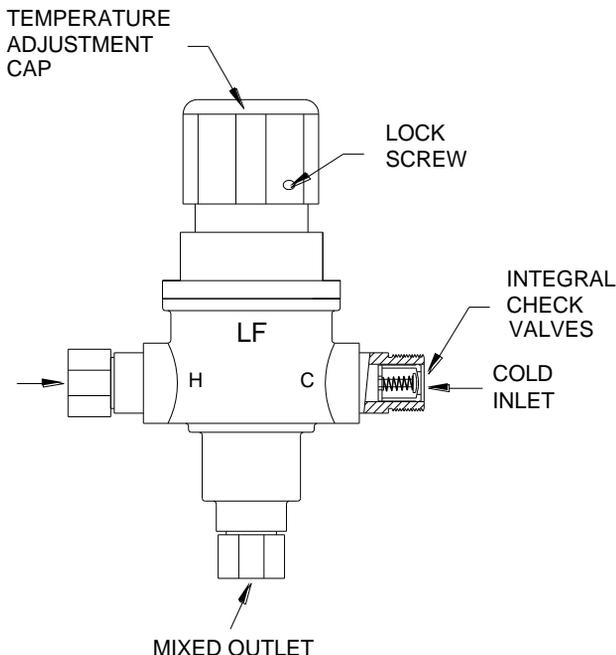
- ASSE 1070-2015 
- CSA B125.70-15 

**Certified to NSF61 thru the ASSE 1070 testing process**

\* 0.25 GPM minimum flow certified to ASSE 1070



1360 Elmwood Avenue, Cranston, RI 02910 USA  
Phone: 401.461.1200 Fax: 401.941.5310  
Email: [info@leonardvalve.com](mailto:info@leonardvalve.com)  
Web Site: <http://www.leonardvalve.com>



MINIMUM FLOW	PRESSURE DROP						PSI
	5	10	20	30	40	50	
	.35	.70	1.4	2.1	2.8	3.4	BAR
0.25	1.7	2.3	3.0	3.6	4.4	5.0	GPM
0.95	6.4	8.7	11.4	14	17	19	l/min

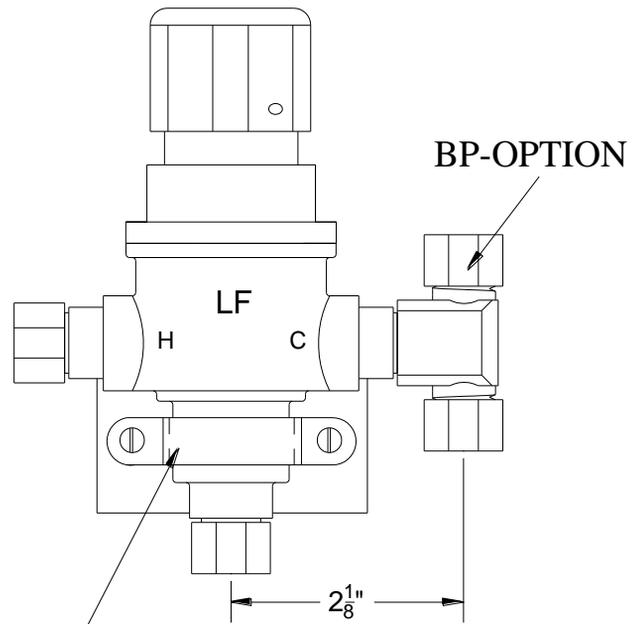
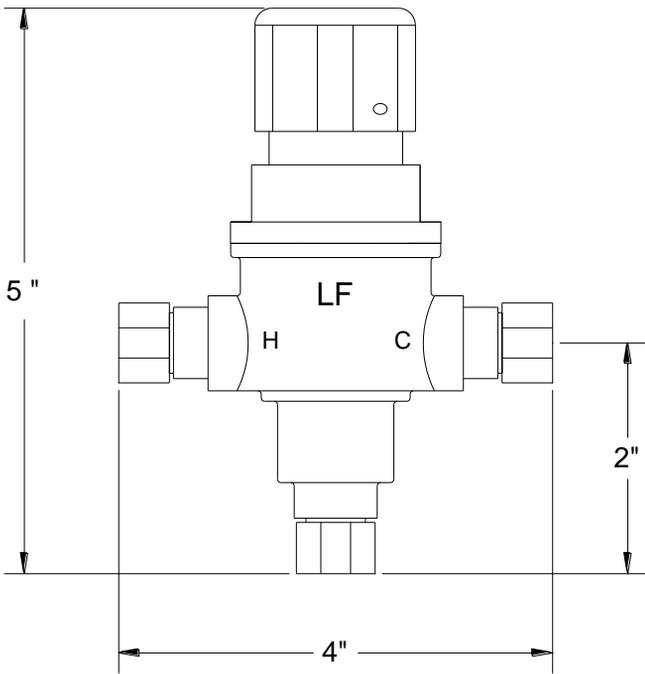


**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer. For more information, go to [www.P65Warnings.Ca.gov](http://www.P65Warnings.Ca.gov)

**\*\*NOTE:** For temperatures outside of this valve's stated range, please see our line of bi-metal valves.

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

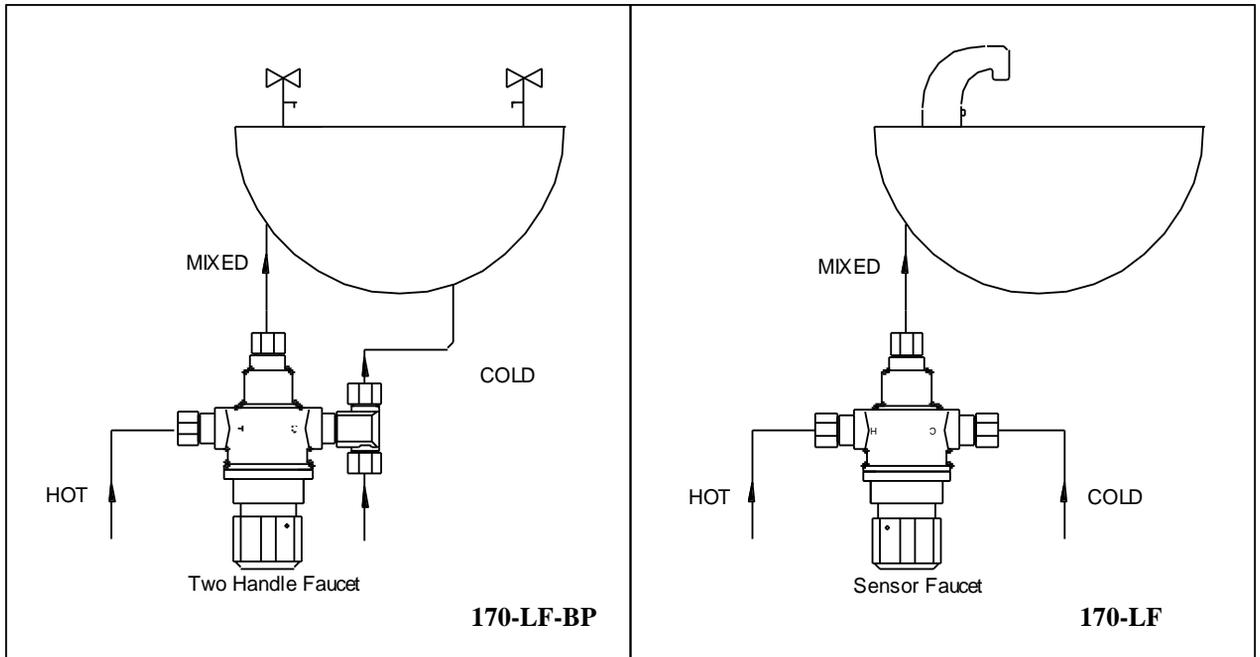
<b>Engineer's Approval</b>	Job # _____
	Arch/Eng. _____
	Contractor _____



BRKT-OPTION

**APPLICATION**

The Model 170-LF is a high performance Temperature Actuated Mixing Valve used to supply single outlets. Can be used to supply one sensor faucet or one two handle manual faucet.



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



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