

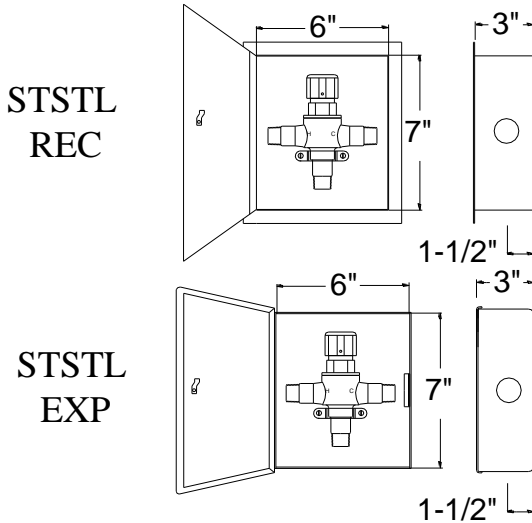
# THERMOSTATIC MIXING VALVE

## ECO-MIX™

# MODEL 270-LF-\_\_\_\_\_

## CABINET ASSEMBLY

### THERMOSTATIC POINT OF USE MIXING VALVE



**MODEL 270 1/2" inlets, 1/2" outlet (MIPS 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
- Stainless Steel Cabinet, 6"x7"x3" with cylinder lock, #4 finish, options will change size to 10"x10"x5", see page 2

#### PRESSURE-TEMPERATURE:

- Minimum Flow: 0.25 GPM (0.95 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) \*\*

**FOR ALL OPTIONS SEE PAGE 2, CABINET SIZE WILL CHANGE WITH ANY OPTIONS, (EXCLUDING "CP")**

#### OPTIONS:

SEE PAGE 2 FOR ALL OPTIONS

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

Note: for all options see page 2, cabinet size will change with any options, (excluding "CP")



**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)

PRESSURE DROP						PSI
5	10	20	30	40	50	
.35	.70	1.4	2.1	2.8	3.4	BAR
3.5	5.5	7.5	9.5	10.5	12	GPM
13	21	28	36	40	45	l/min

#### Certifications:

ASSE 1017, 1070-2015



CSA B125.70-15



CUPC



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

\* 0.25 GPM minimum flow certified to ASSE 1070

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

<b>Engineer's Approval</b>	Job # _____
	Arch/Eng. _____
	Contractor _____
**NOTE: For temperatures outside of this valve's stated range, please see our line of bi-metal valves.	



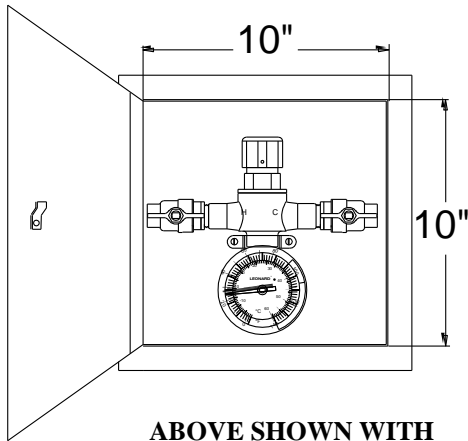
1360 Elmwood Avenue, Cranston, RI 02910 USA

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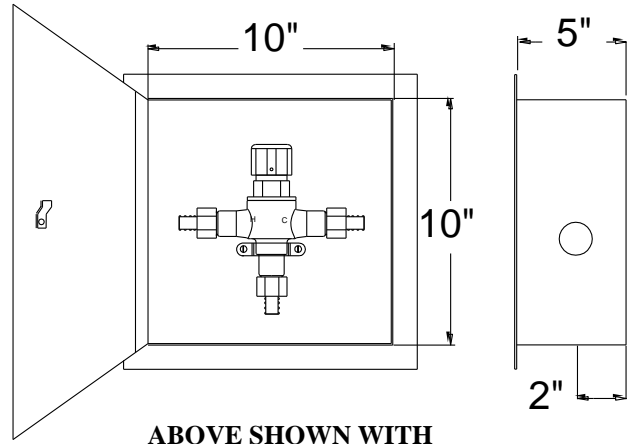
Email: [info@leonardvalve.com](mailto:info@leonardvalve.com)

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

**IF NO OPTIONS ARE CHOSEN (EXCLUDING "CP") CABINET SIZE WILL BE 6"x7"x3". IF ANY OTHER OPTION IS CHOSEN, "RHH", "BV", "SW", "DT", "PEX", "CPVC" OR "PF" THE CABINET SIZE WILL BE 10"x10"x5" AS NOTED BELOW.**



**ABOVE SHOWN WITH BV AND DT OPTION**



**ABOVE SHOWN WITH PEX OPTION (SHIPPED LOOSE)**

**OPTIONS:**

- SUFFIX STSTL REC- Recessed stainless steel cabinet, #4 finish
- SUFFIX STSTL EXP- Exposed stainless steel cabinet, #4 finish
- SUFFIX BWE REC- Recessed baked white cabinet
- SUFFIX BWE EXP- Exposed baked white cabinet
- SUFFIX CP- Chrome plated

**NOTE: If NO options below are chosen, cabinet size will be 6"x7"x3", if any option below is chosen the cabinet size will be 10"x10"x5"**

- SUFFIX RHH- Right hand hinge
- SUFFIX BV- Inlet ball valves
- SUFFIX SW- Sweat connections (Shipped Loose)
- SUFFIX DT- Dial thermometer \*\*\*
- SUFFIX PEX- F1807 Pex Adapters (Shipped Loose)\*\*\*\*
- SUFFIX CPVC- CPVS Socket Weld Adapters (Shipped Loose)\*\*\*\*
- SUFFIX PF- Push Fit Adapters (Shipped Loose)\*\*\*\*

\*\*\* Cannot be combined with SW option

\*\*\*\* Cannot be combined with CP, BV, SW or DT options

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



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