

# THERMOSTATIC MIXING VALVE

# MODEL 170

## THERMOSTATIC POINT OF USE MIXING VALVE

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

**MATERIALS:**

- Bronze body
- Locked temperature adjustment cap (vandal resistant)
- Copper encapsulated thermostat assembly with polymer thermoplastic shuttle
- Stainless steel springs
- Buna-N O'rings
- 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) \*\*

**OPTION: (Furnished separately)**

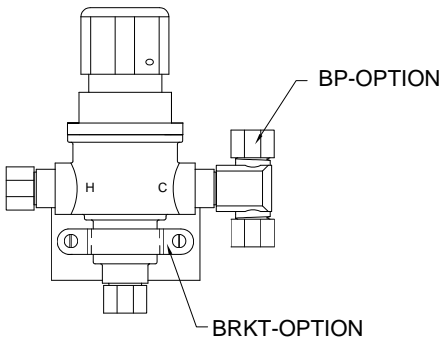
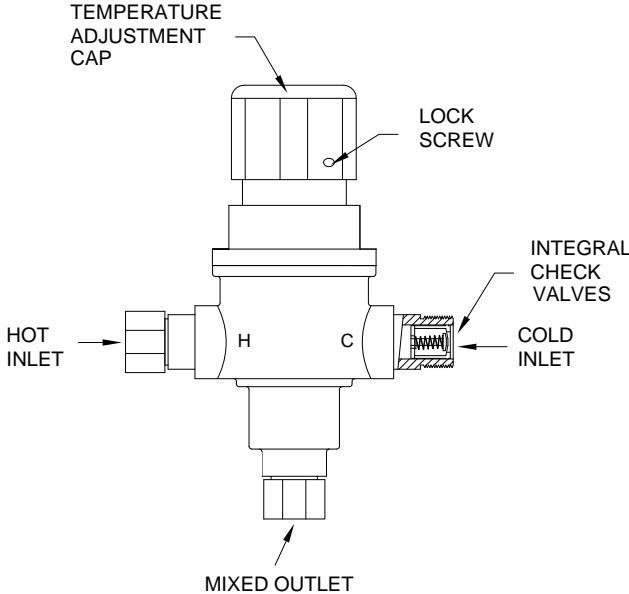
- \_\_\_BP- Cold water By-Pass
- \_\_\_BRKT- Mounting Bracket

ASSE 1070 Certified



\* 0.25 GPM minimum flow certified to ASSE 1070

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

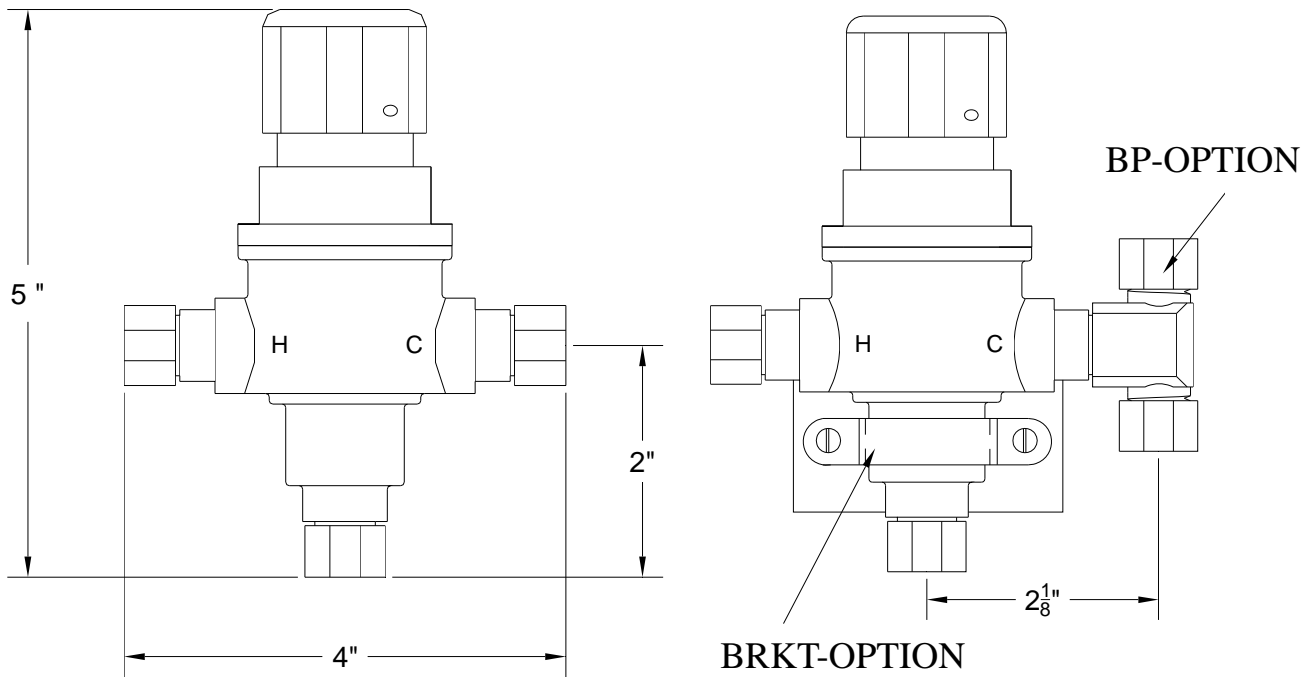


MINIMUM FLOW	PRESSURE DROP						PSI
	5	10	20	30	40	50	
	.35	.70	1.4	2.1	2.8	3.4	BAR
0.25	1.7	2.3	3.0	3.6	4.4	5.0	GPM
0.95	6.4	8.7	11.4	14	17	19	l/min

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

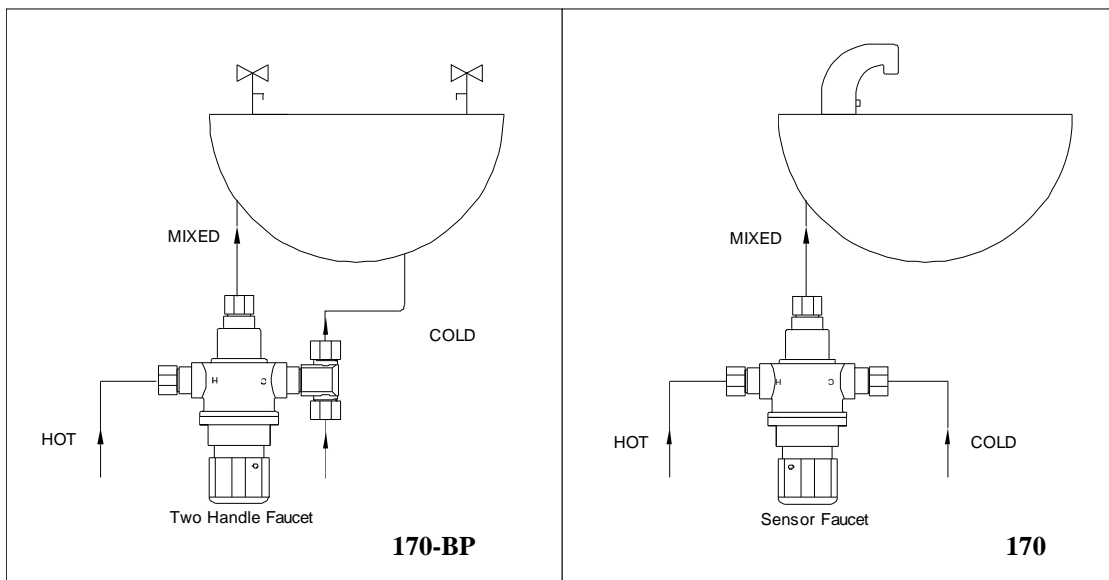


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**APPLICATION**

The Model 170 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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