LAWLER
MANUFACTURING CO., INC.

**SUBMITTAL DATA SHEET**

**temperedwater.com**
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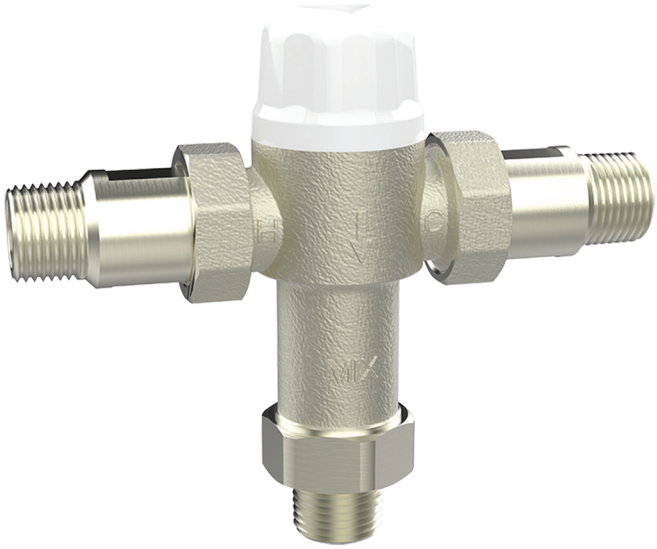
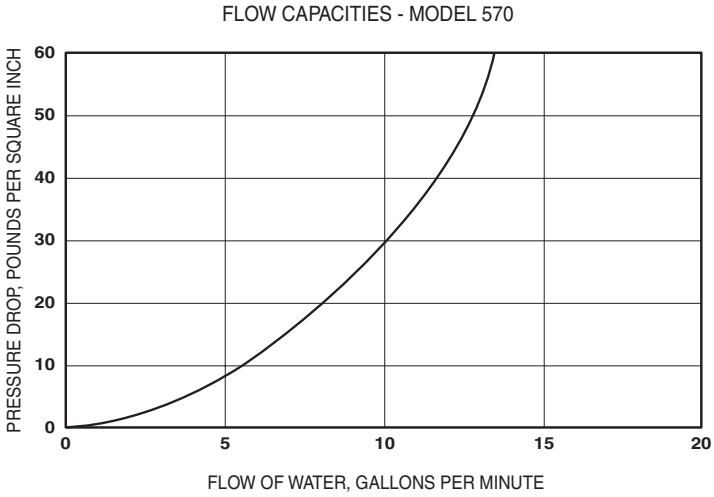


# Model 570 Thermostatic Mixing Valve for Point of Use Controlled Fixtures Eng. No. 86821

### CAPACITIES – MODEL 570-1/2”

| Pressure Drop PSI | 5 | 10 | 20 | 40 |
|---|---|---|---|---|
| Valve Number | Capacity | | | |
| 570-GPM | 4 | 6 | 7 | 8.5 |
| 570-LPM | 15 | 23 | 26 | 32 |

The mixing valve for point of use mixing fixtures shall be a nickel plated thermostatic mixing valve. The mixing valve shall be 1/2” MNPT. The mixing valve shall have a spindle to adjust outlet temperature. The mixing valve shall have internal checks. The mixing valve shall be Lawler model 570.




## Specifications

- Outlet temperature range: 95-115°F (35-46°C).
- Temperature, hot supply: 180°F max. (91°C).
- Temperature, cold supply: 40-80°F (4-27°C).
- Temperature stability (nominal): ±5°F (±3°C).
- Temperature differential (between hot supply and outlet temperature): 10°F (11°C).
- Hydrostatic pressure: 125 psi max. (1000 kPa).
- Permitted supply pressure variation: ±20%.
- Flow rate @ 45psi pressure loss: 9 gpm (34L/min).
- Flow rate, minimum: .25 gpm (4L/min).
- Flow rate, maximum: 10 gpm (38L/min).

## Benefits

- Protects against scalding and chilling.
- Offers choice of temperature settings from 95° through 115°F.
- Easy installation.
- Backed by Lawler’s One Year Warranty.

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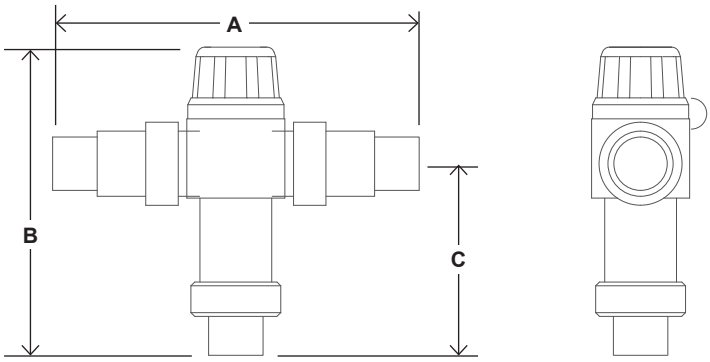


# Model 570
# Eng. No. 86821

## DIMENSIONS

| Valve Number | A | B | C |
|---|---|---|---|
| **570** | 5-7/10” | 5-1/2” | 3-1/2” |

Dimensions are for reference purposes only. For rough-in dimensions please refer to Lawler’s Revit/BIM models found at temperedwater.com.

Inlets & outlet are 1/2” MNPT fittings.

## Temperature Adjustment

To adjust the mixed outlet temperature of the valve, remove the cap to gain access to the adjusting spindle. The spindle should be rotated-clockwise to reduce the temperature, counter-clockwise to increase the temperature until the desired set point is reached.

## Fitting the Valve

The mixed water outlet from the valve should be used to supply outlets used primarily for personal hygiene purposes.

It is recommended that the valve is installed as close as possible to the point of use; however, it may be fitted anywhere on the hot water supply pipe.