

# Thermostatic Mixing Valve for Point of Use and Master Controlled Fixtures

## Model 570 Lead Free Unit No. 86822



Certified to CSA B125.3

Inlets & Outlet are 3/4" MNPT



ASSE 1069 & 1070 Approved

ASSE Lead Free Certified

The point of use master controller valve shall be a nickel plated thermostatic mixing valve. The mixing valve shall be 3/4" 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: 11 gpm (66L/min).
- Flow rate, minimum: 0.5 gpm (4L/min).
- Flow rate, maximum: 12 gpm (76L/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.
- ASSE 1069 & 1070 approved.

Engineer Approval



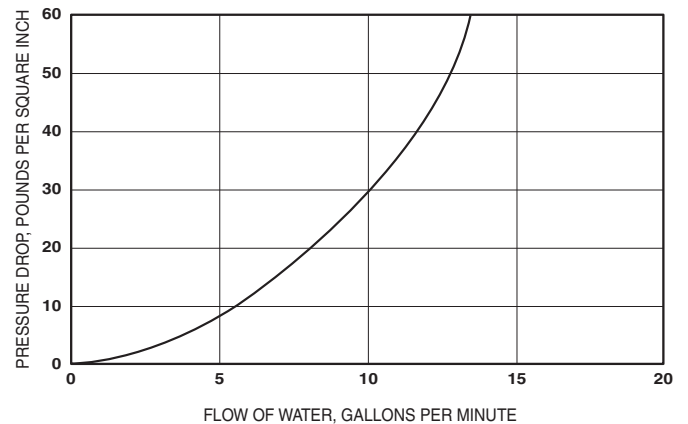
**MANUFACTURING CO., INC.**

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### DIMENSIONS:

Valve Number	A	B	C
M 570	6.4"	5.5"	3.5"

FLOW CAPACITIES - MODEL 570



### CAPACITIES - MODEL 570

Pressure Drop PSI	5	10	20	40
Valve Number	Capacity			
570-GPM	6	7	8	10.5
570-LPM	23	26	30	40

### 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.

**Note:** For ASSE 1069 & 1070 applications.

Design and specification subject to change without notice.