

Thermostatic Mixing Valve for Point of Use and Master Controlled Fixtures

Model 570

Unit No. 86822

Inlets & Outlet are $\frac{3}{4}$ " MNPT



ASSE 1017 & 1070 Approved



Certified to
CSA B125.3

The point of use master controller valve shall be a nickel plated thermostatic mixing valve. The mixing valve shall be $\frac{3}{4}$ " 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): $\pm 5^\circ\text{F}$ ($\pm 3^\circ\text{C}$).
- Temperature differential (between hot supply and outlet temperature): 10°F (11°C).
- Hydrostatic pressure: 125 psi max (1000 kPa).
- Permitted supply pressure variation: $\pm 20\%$.
- 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 1017 & 1070 approved.

Engineer Approval



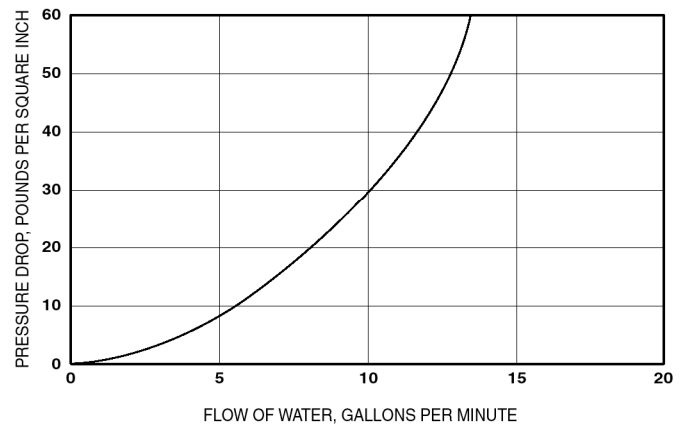
MANUFACTURING CO., INC.

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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 1017 & 1070 applications.

Design and specification subject to change without notice.