

Thermostatic Mixing Valve for Point of Use and Master Controlled Fixtures Model 570 Lead Free Unit No. 86820



Certified to
CSA B125.3

Inlets & Outlet are $\frac{3}{8}$ " Compression Fit

ASSE 1070 Approved

The mixing valve for point of use master controlled fixtures shall be a nickel plated thermostatic mixing valve. The mixing valve shall be $\frac{3}{8}$ " Compression Fit. 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.
- Temperature, hot supply: 180°F max.
- Temperature, cold supply: 40-80°F.
- Temperature stability (nominal): $\pm 5^\circ\text{F}$.
- Temperature differential (between hot supply and outlet temperature): 10°F.
- Hydrostatic pressure: 125 psi max.
- Permitted supply pressure variation: $\pm 20\%$.
- Flow rate @ 45psi pressure loss: 7 gpm.
- Flow rate, minimum: .5 gpm.
- Flow rate, maximum: 8 gpm.

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 1070 approved.

Engineer Approval



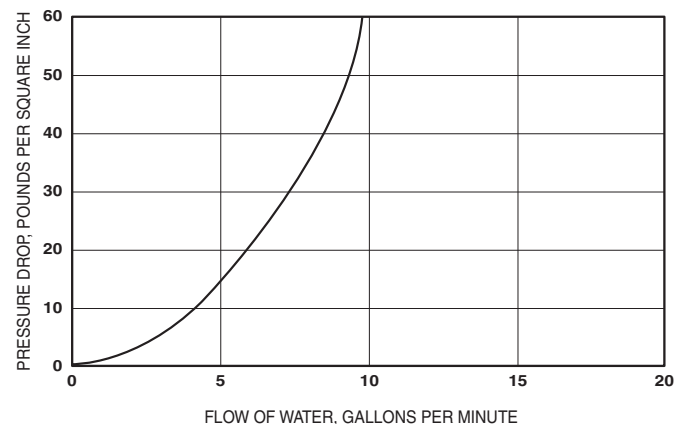
MANUFACTURING CO., INC.

5330 East 25th Street
Indianapolis, Indiana 46218
Phone (317) 261-1212
Fax (317) 261-1208

DIMENSIONS:

| Valve Number | A | B | C |
|--------------|--------|--------|--------|
| M 570 3/8" | 4 7/8" | 1 3/4" | 1 1/8" |

FLOW CAPACITIES - MODEL 570



CAPACITIES - MODEL 570

| Pressure Drop PSI | 5 | 10 | 20 | 40 |
|-------------------|----------|----|----|-----|
| Valve Number | Capacity | | | |
| 570-GPM | 3 | 4 | 5 | 6.5 |
| 570-LPM | 11 | 15 | 19 | 25 |

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 1070 applications.

Design and specification subject to change without notice.