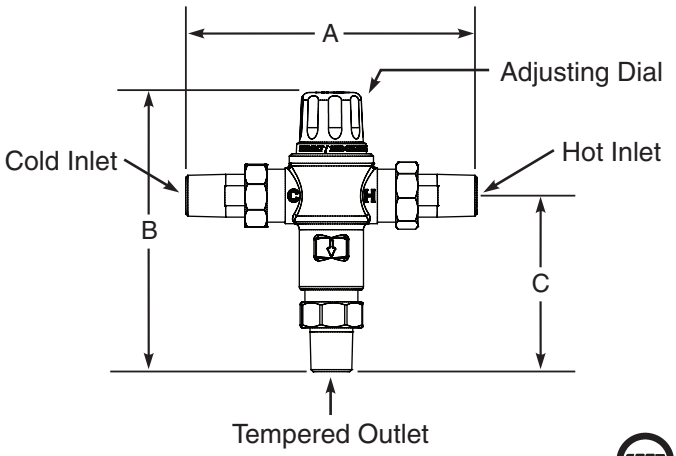
www.lawlervalve.com

DATA SHEET



Thermostatic Mixing Valve for Point of Use and Master Controlled Fixtures

Model 570 Lead Free Unit No. 86821

Certified to CSA B125.3

Inlets & Outlet are 1/2″ 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 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 (66L/min).
- Flow rate, minimum: 0.5 gpm (4L/min).
- Flow rate, maximum: 10 gpm (76L/min).

Benefits

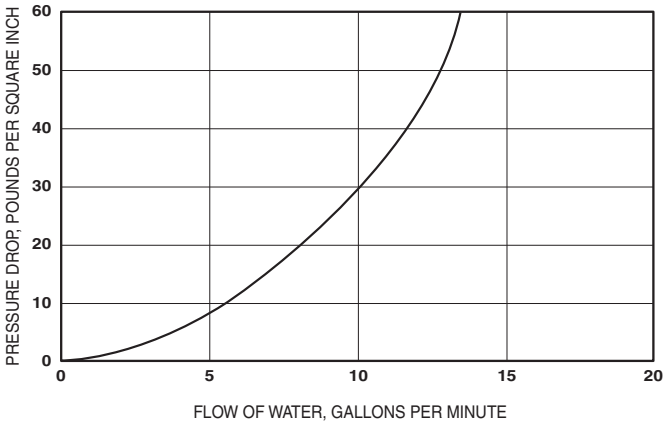
- Protects against scalding and chilling.
- Offers choice of temperature settings from 95° through 115°F.
- Easy installation.
- Backed by Lawler's One Year Warranty.
- ASSE 1069 & 1070 approved.

Engineer Approval ☐

DIMENSIONS:

Valve Number	A	B	C
M 570	5.7″	5.5″	3.5″

FLOW CAPACITIES - MODEL 570



CAPACITIES – MODEL 570

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

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.

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