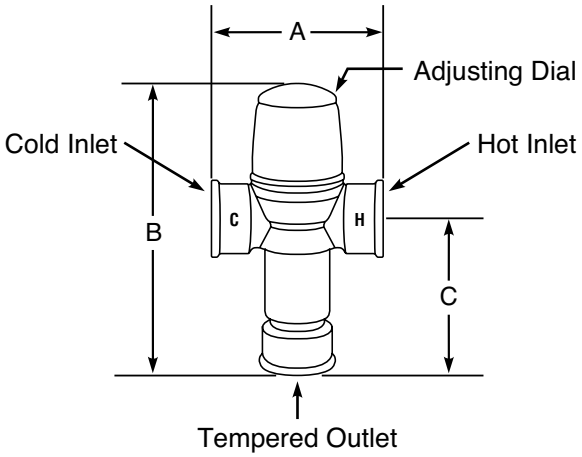


www.lawlervalve.com **DATA SHEET**

Thermostatic Mixing Valve Used as Master Controller for Small Capacity Applications

Model 517

Unit No. 86809

Inlets & Outlet are $^3/_4$″ FNPT

ASSE 1017 Approved

Certified to CSA B125.3

The master controller shall be a rough bronze thermostatic mixing valve. The mixing valve shall be $^3/_4$″ FNPT. The mixing valve shall have a spindle to adjust outlet temperature. The mixing valve shall be Lawler model 517.

Specifications

- Outlet temperature range: 95-140°F (35-60°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): 20°F (11°C).
- Hydrostatic pressure: 125 psi max (1000 kPa).
- Permitted supply pressure variation: ±10%.
- Flow rate @ 45psi pressure loss: 17.5 gpm (66L/min).
- Flow rate, minimum: 1.0 gpm (4L/min).
- Flow rate, maximum: 20 gpm (76L/min).

Benefits

- Protects against scalding and chilling.
- Offers choice of temperature settings from 95° through 140°F.
- Easy installation.
- Backed by Lawler's One Year Warranty.
- ASSE 1017 approved.

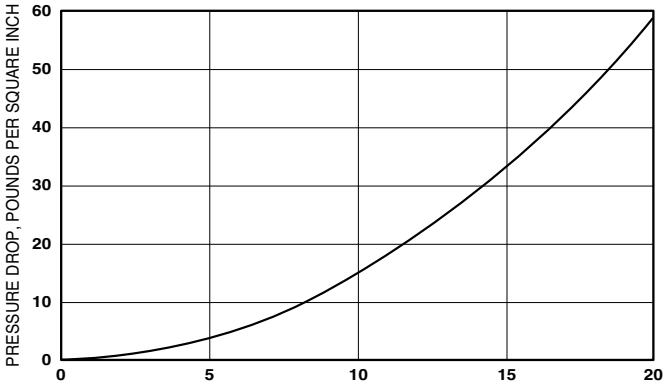
Engineer Approval ☐

LAWLER
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 517	3″	$5^1/_4$″	$2^7/_8$″

FLOW CAPACITIES - MODEL 517



CAPACITIES – MODEL 517

Pressure Drop PSI	10	20	30	40
Valve Number	Capacity			
517-GPM	8	11	14	16
517-LPM	19	42	53	61

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 applications.