


Thermostatic Mixing Valve for Point of Use Fixtures

Model 516

Unit No. 86824

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

CSA B125.3

 ASSE 1069, 1070 Approved



The mixing valve for point of use fixtures shall be a rough chrome thermostatic mixing valve. The mixing valve shall be $\frac{3}{4}$ " SWT. The mixing valve shall have a spindle to adjust outlet temperature. The valve shall have integral poppet style check valves on both inlets with a positive seal of the poppet onto an elastomer seal to prevent cross connection from hot to cold. The mixing valve shall be Lawler model 516.

Specifications

- Outlet temperature range: 95-115°F. (35-46°C)
- Temperature, hot supply: 195°F max. (90°C)
- Temperature, cold supply: 40-80°F. (4-27°C)
- Temperature stability (nominal): $\pm 3^\circ\text{F}$. (1.7°C)
- Temperature differential (between hot supply and outlet temperature): 5°F.
- Hydrostatic pressure: 145 psi max. (1,000kPa)
- Permitted supply pressure variation: $\pm 20\%$.
- Flow rate @ 45psi pressure loss: 9 gpm.
- Flow rate, minimum: .5 gpm.
- Flow rate, maximum: 11 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 1069, 1070 approved.
- CSA B125.3 approved.

Engineer Approval



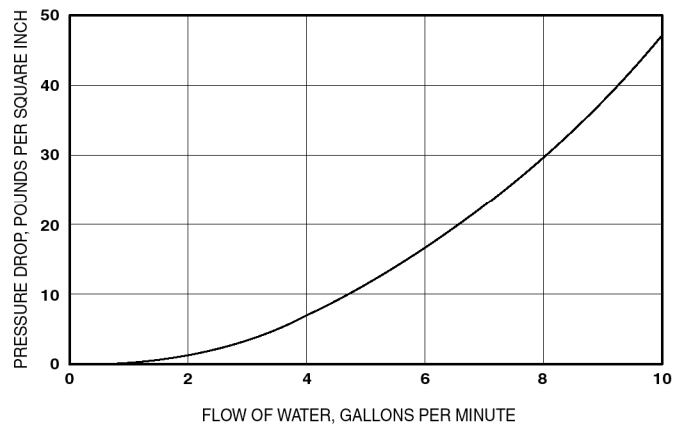
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DIMENSIONS:

Valve Number	A	B	C
M 516	6 $\frac{5}{8}$ "	4"	2"

FLOW CAPACITIES - MODEL 516



CAPACITIES - MODEL 516

Pressure Drop PSI	5	10	20	40
Valve Number	Capacity			
516-GPM	3	5	6.5	9
516-LPM	11	19	25	34

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.