

# Thermostatic Mixing Valve for Point of Use Fixtures

## Model 516

### Unit No. 86823

Inlets & Outlet are 1/2" SWT

CSA B125.3



ASSE 1016, 1069, 1070 Approved



The mixing valve for point of use fixtures shall be a rough chrome thermostatic mixing valve. The mixing valve shall be 1/2" 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): ±3°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: ±20%.
- Flow rate @ 45psi pressure loss: 8.5 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 1016, 1069, 1070 approved.
- CSA B125.3 approved.

Engineer Approval



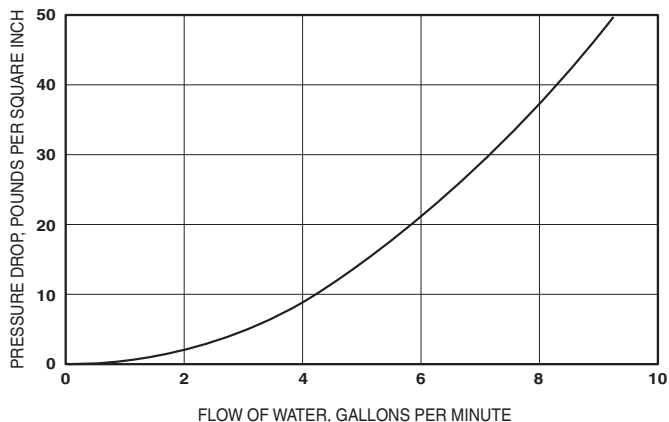
**MANUFACTURING CO., INC.**

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**DIMENSIONS:**

Valve Number	A	B	C
M 516	6"	4"	2"

FLOW CAPACITIES - MODEL 516



**CAPACITIES - MODEL 516**

Pressure Drop PSI	5	10	20	40
Valve Number	Capacity			
516-GPM	2.5	4	6	8.5
516-LPM	9	15	23	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 1016, 1069, 1070 applications.

Design and specification subject to change without notice.