

Thermostatic Mixing Valve

Series 310 - SC1

Unit No. 72046 (1/2")
Unit No. 72049 (3/4") outlet

ASSE 1016 Approved

Inlets are 1/2" NPT; outlet may be 1/2" or 3/4" NPT

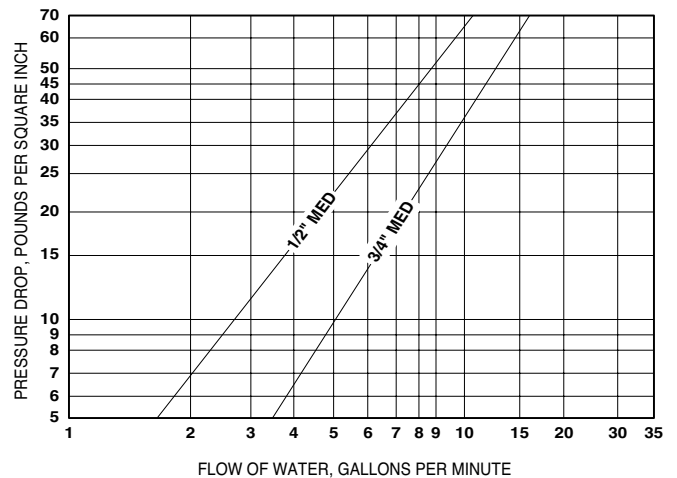
The master controller shall be of the thermostatic type with liquid-filled motor. The controller shall maintain the set point temperature during periods of fluctuating inlet pressures and temperatures. Valve construction will include a bronze body and replaceable corrosion-resistant components. The piston and liner are stainless steel. The mixing valve shall employ an adjustable setpoint range and high temperature limit stop. Each unit will be equipped with stop and check valves for each inlet.

For higher capacity needs, the 310 is available with a 1/2" NPT inlet and 3/4" NPT outlet.

DIMENSIONS:

Valve Number	A	B	C
310	7"	4"	5"

FLOW CAPACITIES SINGLE STAGE - SERIES 310



FINISH

- Plain Bronze
- Chrome Plate
- Other

OUTLET

- 1/2" NPT
- 3/4" NPT

TEMP. RANGE

- 50° to 100° F
- 85° to 135° F
- 100° to 150° F

SET POINT

- 80° F
- 110° F
- 130° F

Special _____

The minimum flow of the Series 310 is 1/2 gpm.

CAPACITIES - MODEL 310

Pressure Drop PSI	5	10	20	30	45
Valve Number	Capacity				
310-1/2" GPM	1.5	2.5	3.5	5.5	7
310-1/2" LPM	5.7	9.5	13.3	20.8	26.5

310-3/4" GPM	3.5	5.5	8	10	12
310-3/4" LPM	13.3	20.8	30	38	45



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Specification subject to change without notice.