

# Thermostatic Mixing Valve

**Series 310 - SC1**

**Unit No. 72046 (1/2" outlet)**

**Unit No. 72049 (3/4" outlet)**

**ASSE 1016 & 1070 Approved**

**ASSE Lead Free Certified**

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

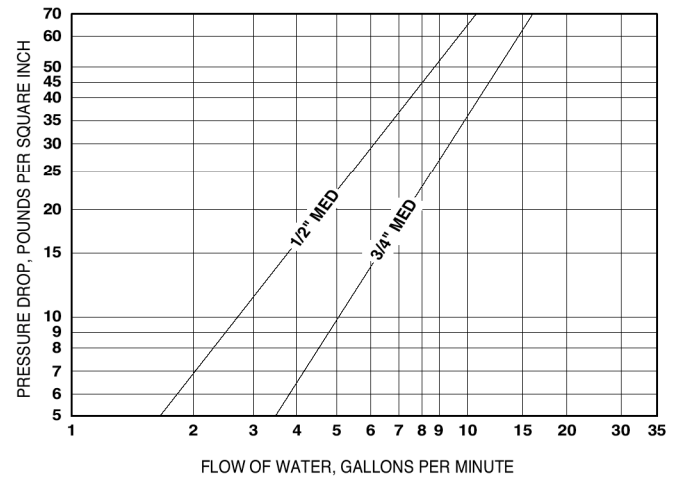
The master controller shall be of the thermostatic type with liquid-filled motor. The controller shall maintain the set point temperature during periods of fluctuating inlet pressures and temperatures. Valve construction will include a bronze body and replaceable corrosion-resistant components. The piston 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
  - Special \_\_\_\_\_
- SET POINT**
- 80° F
  - 110° F
  - 130° F

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

**CAPACITIES - MODEL 310**

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

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



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Design and specification subject to change without notice.