

# Thermostatic Mixing Valve Series 310 - SC1

## Unit No. 73046

**ASSE 1016 Approved**

Inlets & Outlet are 1/2" 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.

Includes 0-200° F dial thermometer.

**FINISH**

- Plain Bronze
- Chrome Plate
- Other

**TEMP. RANGE**

- 50° to 100° F
- 85° to 135° F
- 100° to 150° F
- Special \_\_\_\_\_

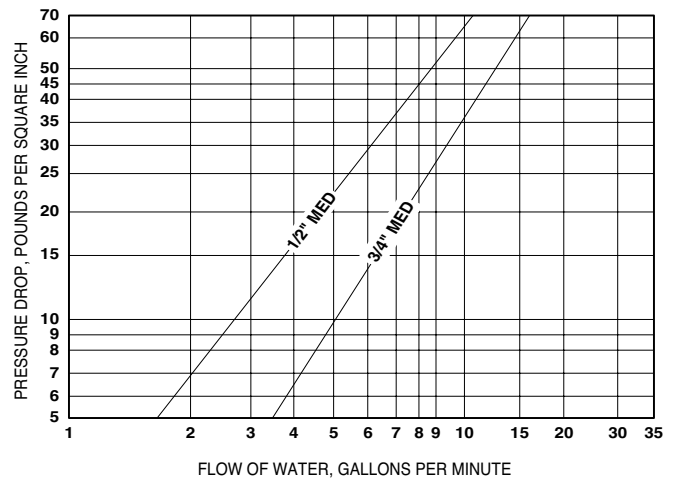
**SET POINT**

- 80° F
- 110° F
- 130° F

**DIMENSIONS:**

| Valve Number | A  | B  | C  |
|--------------|----|----|----|
| 310          | 7" | 8" | 5" |

FLOW CAPACITIES SINGLE STAGE - SERIES 310



**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 |



**MANUFACTURING CO., INC.**

5330 East 25th Street  
 Indianapolis, Indiana 46218  
 Phone (317) 261-1212  
 Fax (317) 261-1208

Specification subject to change without notice.