

GENERAL DESCRIPTION

These regulators are simple, self-contained instruments that control cooling applications by regulating the flow of cooling water in accordance with discharge water temperature. They are applicable to plastic molds, die casting molds, small condensers, air compressors, etc., where the volume of cooling water required is within the capacity limits of the regulators. The 908-A design saves water.

OPERATION

When the discharged cooling water reaches a predetermined temperature at the thermostat, the thermostat moves to gradually open or close the valve port to allow more or less water to flow through the equipment being cooled. An adjustable bypass for constant flow is included in the design.

SETPOINT TEMPERATURE RANGE

The 908-A can be set to control at any point within the adjustable setpoint range. See Table

MATERIALS

All parts are made of brass or bronze except the bellows which is made of phosphor bronze. Packless construction. Eliminates the need for maintenance. End connections are female threaded.

PRESSURE LIMIT

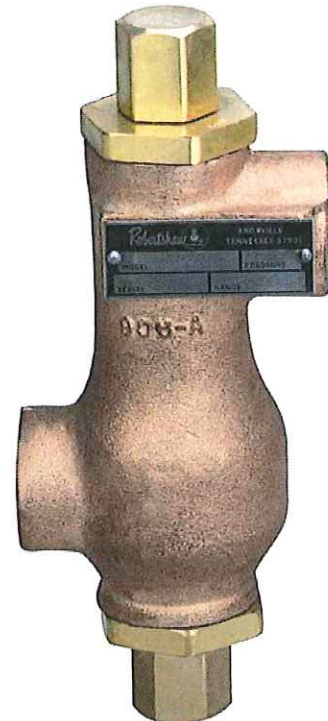
These regulators are suitable for maximum inlet pressure of 125 lbs. per square inch.

NOTE: Failure of the thermostatic element will result in the valve remaining in the closed position.

ORDERING INFORMATION

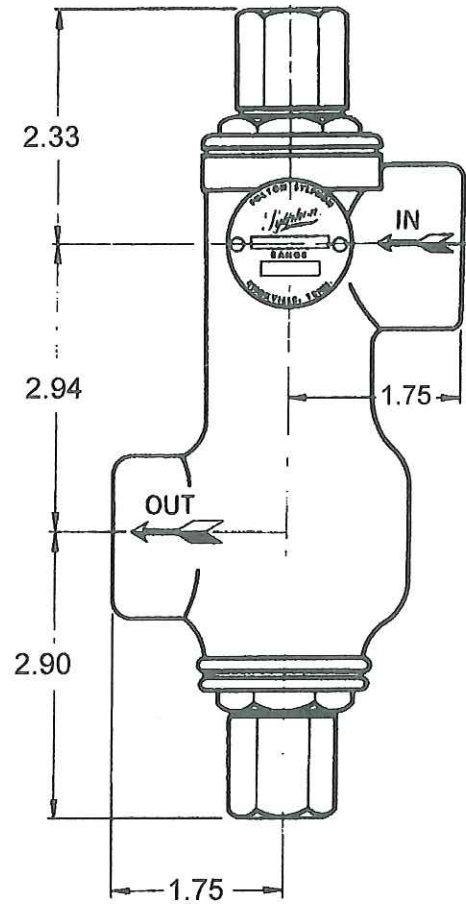
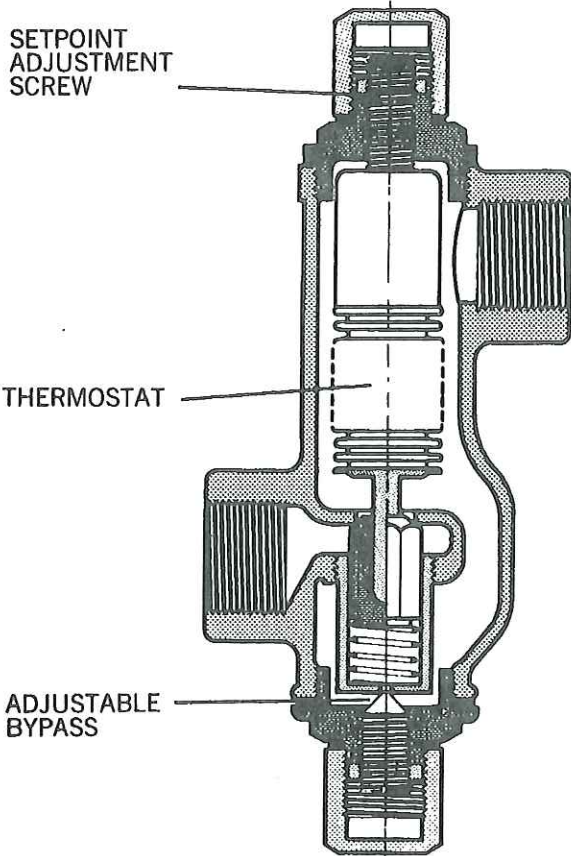
Specify:

1. Size
2. Model Number
3. Temperature Range



NOTE: Installation dimensions shown on reverse page.

| Size | Number | Setpoint Adjustment Range | Size | Cv |
|------|----------|---------------------------|-------|-----|
| 3/4" | 908-A2 | 100-160° F. | 3/8" | 2.2 |
| 3/4" | 908-A4 | 100-160°F. | 9/16" | 3.8 |
| 3/4" | 908-A 12 | 140-200° F. | 3/8" | 2.2 |
| 3/4" | 908-A 14 | 140-200° F. | 9/16" | 3.8 |
| 3/4" | 908-A22 | 50-115°F. | 3/8" | 2.2 |
| 3/4" | 908-A24 | 50-115°F. | 9/16" | 3.8 |
| 1" | 908-A3 | 100-160°F. | 3/8" | 2.2 |
| 1" | 908-A5 | 100-160°F. | 9/16" | 3.8 |
| 1" | 908-A 13 | 140-200° F. | 3/8" | 2.2 |
| 1" | 908-A 15 | 140-200° F. | 9/16" | 3.8 |
| 1" | 908-A23 | 50-115°F. | 3/8" | 2.2 |
| 1" | 908-A25 | 50-115°F. | 9/16" | 3.8 |



Robertshaw

U.S.A. and CANADA
 Robertshaw Industrial Products Division
 1602 Mustang Drive
 Maryville, Tennessee 37801
 Phone: (865) 981-3100 Fax: (865) 981-3168
<http://www.robertshawindustrial.com>