

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. Available from stock are:

3/4" 908-A 50-115° F. and 100-160° F.

1" 908-A 50-115° F. and 100-160° F.

Other ranges available on quantity orders.

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

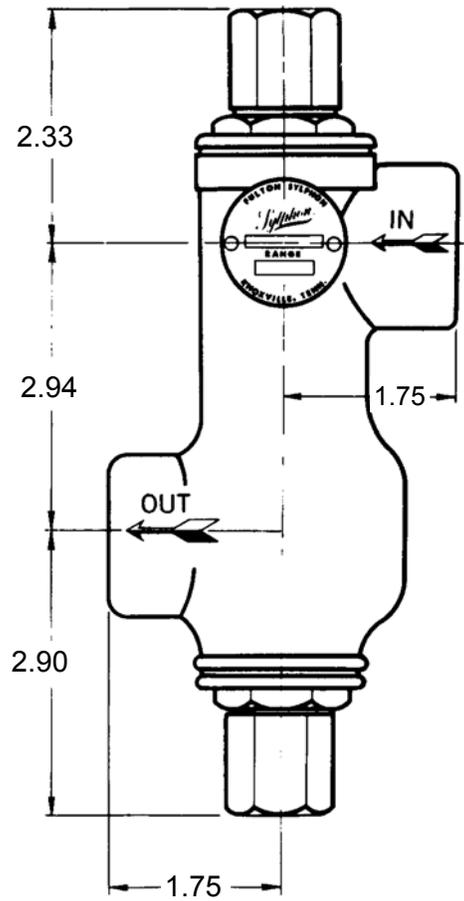
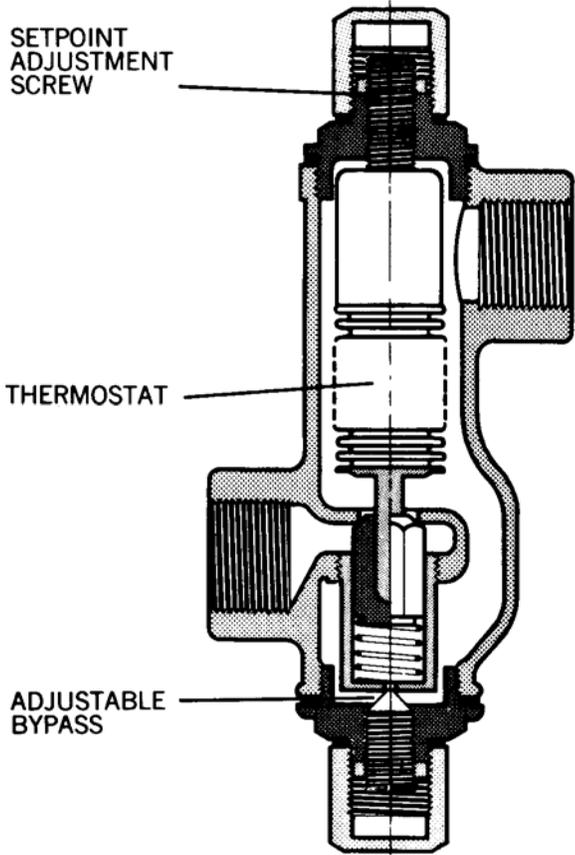
Specify:

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

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