

**Self-actuated
 Temperature Regulator
 RT-208
 For Space Heating**

OUTSTANDING FEATURES

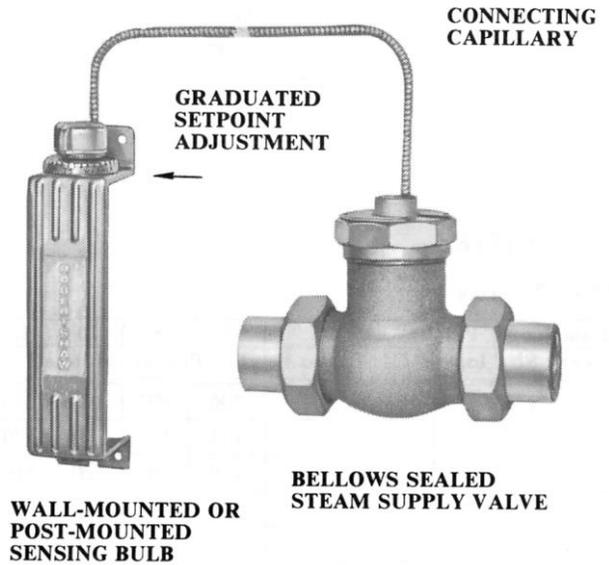
1. Accurate Control.
2. Sensitive thermostat.
3. Modulating.
4. Self-powered.
5. Simple, compact construction.
6. Small over-all dimensions.
7. Convenient graduated-dial setpoint adjustment.
8. Setpoint adjustment may be locked.
9. Single-seated valve.
10. Packless construction - no packing - no leaking.
11. Easily installed.
12. No maintenance required.

GENERAL DESCRIPTION

These regulators are highly sensitive, yet sturdy, self-contained, self-powered, practically indestructible controls - easily installed by any steam fitter. The several designs differ principally in pressure limits and capacity.

This type regulator comprises two major parts - a packless steam valve and actuating thermostat. These parts are connected with flexible tubing of sufficient length to permit the valve to be located in the steam line to one or a gang of unit heaters, for example, and the thermostat member to be mounted at the best point on wall or column from which to regulate temperature in the area.

These regulators are especially suitable for unit heaters, wall or ceiling type radiators, duct control, etc. in response to temperature at the wall-mounted sensing bulb. They can be used for pipe coils, finned pipe heaters or for zones (radiator or convector) of no greater than 30 feet length.



Sizes 1/2" - 1 1/2"

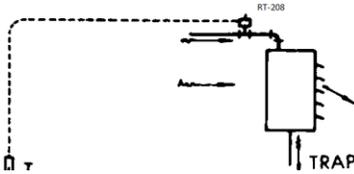
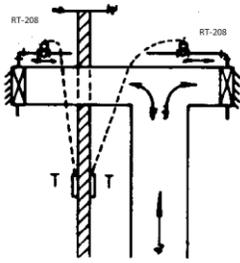
DESCRIPTION OF CATALOGED REGULATORS

Regulator No.		RT-208	
Valve	Steam Pressure Limit, Lbs. Gage	75	
	Sizes	1/2", 3/4", 1"	
	Type	Single Seat	
	Ends	Screwed unions	
	Trim	Disc	Stainless steel
		Seat	Stainless steel
Body material		Bronze	

FOLLOWING SPECIFICATIONS APPLY TO ALL REGULATORS LISTED ABOVE

Thermostat	Type	Wall mounting.
	Material	Brass, nickel plated.
Connecting Tubing	Length	25 feet.
	Material	Copper
Setpoint Adjustment Ranges		Setpoint adjustment range is 60 - 80°F.
Temperature Adjustment		Knob adjustment over specified range. Adjustment calibrated at three points within temperature range. Locking arrangement provided.
Packless Feature		All designs are packless. A monel Robertshaw bellows eliminates packing.

TYPICAL APPLICATIONS



CAPACITIES

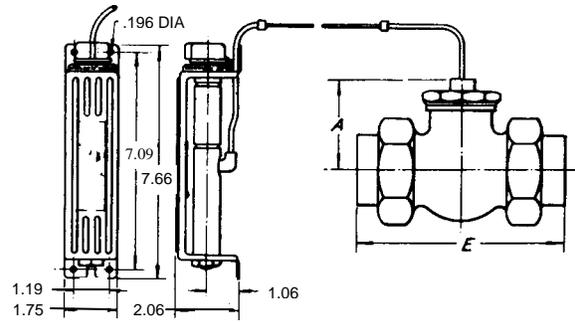
RT-208 Series

Steam Supply, PSIG		5	10	25	75
Valve Size, In.	Cv (Approx.)	Pounds per Hour			
1/2 - 1	2.1	77	90	145	330

THROTTLING BAND

The temperature change at the sensing bulb required for full valve stroke varies from 4° to 6° depending on design and size. With proper sizing, control point $\pm 0.5 - 1^\circ$ is possible.

NOTE: Loss of thermostatic charge (due to damage to or breakage of tubing, or any leakage in the thermal system) will result in the valve remaining in the fully open position.



DIMENSIONS

Valve Size, Inches		1/2	3/4	1	1 1/4	1 1/2
Shipping Wt., Lbs		13	14	15	16	17
Regulator Nos.	RT-208	A	4	4	4	
		E	6	6-9/16	6	

HOW TO ORDER

Specify:

1. Quantity
2. Regulator Number.
3. Valve Size
4. Steam pressure through valve
5. Temperature range
6. Connecting tube length, if special
7. Shipping and billing instructions



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