

Self-Actuated
Temperature Regulators
RT-212 Series
For Liquid Temperature Control

OUTSTANDING FEATURES

1. Accurate Control - Modulating
2. Self-powered.
3. Small over-all dimensions - Compact.
4. Convenient graduated-dial set point adjustment.
5. Set point adjustment may be locked.
6. Single-seated valves.
7. Packless construction - no packing - no leaking.
8. Easy to install.
9. No maintenance required.

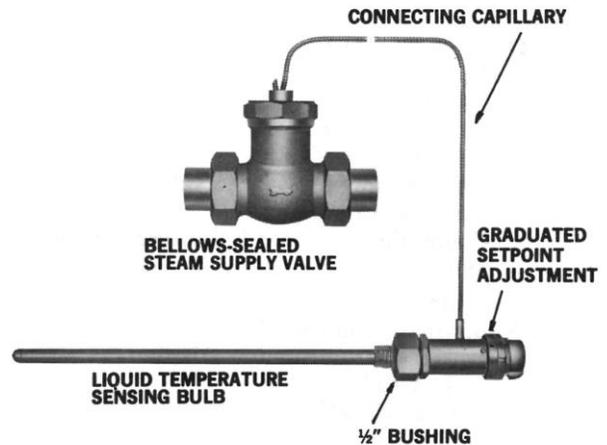
GENERAL DESCRIPTION

These Temperature Regulators meet the demand for a sensitive, compact instrument for temperature control of steam-heated liquids using low pressure steam. They differ principally in pressure limits and capacity. Nos. RT-212 are designed for steam pressures up to 75lb

Applications where these regulators are particularly well suited include: ham cookers, soup kettles, dish washers, hot tables, etc. in the food industry; small hot water storage tanks for many purposes; glue kettles, vats and other such uses in the industrial plant where accurate temperature control is essential.

Regulator model RT-212 has set point adjustment mounted directly onto the sensing bulb as shown in the photograph on this page.

DESCRIPTION



Sizes 1/2" – 1". Suitable for controlling temperatures of steam heated liquids.

REGULATOR NO.		RT-212	
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	

SPECIFICATIONS

Bulb	Bulb Material	1/2" size, stainless steel; other parts, copper.
	Fittings, Material	Brass
Connecting Tubing	Length	10 feet (other lengths on order)
	Material	Copper with brass spiral armor.
Temperature Range	Any specified 60° adjustable range between limits of 35° F. minimum and 170° F. maximum (slightly higher under special conditions).	
Packless Feature	All designs are packless. A monel Robertshaw bellows eliminates packing.	
Temperature Adjustment	Type	Calibrated dial type, mounted on bulb. Locking arrangement provided. Knob and dial, nickel plated.
	Standard Mounting	Mounted on bulb.

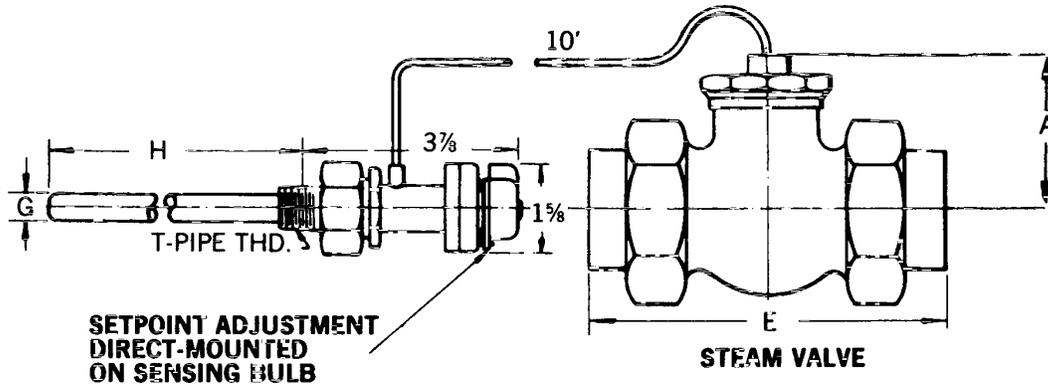
Valve Size, Inches		1/2	3/4	1
Shipping Wt., Lbs.		14	14	15
RT-212	A	4	4	4
	E	6	6-9/16	6
	G	1/2	1/2	1/2
	H	14	14	14
	T	1/2	1/2	1/2

HOW TO ORDER

Specify:

1. Quantity
2. Model Number
3. Valve Size
4. Steam supply pressure to valve
5. Temperature range
6. Connecting tube length, if other than 10 ft.
7. Shipping and billing instructions.

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 open position.



RT-212 SERIES
Figure 1



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