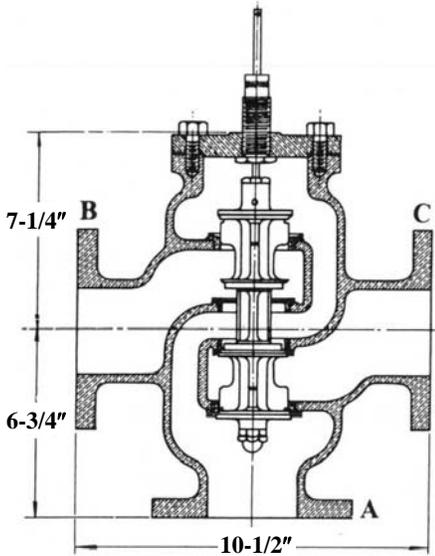


DIMENSIONS



Valve Size	3"
Valve Stroke	1/2"
Diameter of Flanges	7-1/2"
Thickness of Flanges	13/16"
Diameter of Bolt Holes	3/4"
Diameter of Bolt Circles	6"
Number of Bolts (per flange)	4
Size of Bolts	5/8"
Length of bolts	2-1/2"
Size of Ring Gaskets	3 X 5-3/8"

NOTES:

Flanges have plain face. Drilling templates are in multiples of four so fittings may be made to face any quarter. Bolt holes straddle center line.

Maximum factory test allowable leakage is approximately 0.5% of rated valve capacity at 10 psi water.

Type "WBI" used with self-actuated temperature regulator series.

Maximum Recommended Pressure Drops

SATR SERIES						
RT-1003	RT-1004	RT-1007	RT-1008	RT-1009	RT-1010	RT-1011
50	50	35	50	50	50	50

Repair Kit 98584-S1



INSTALLATIONS

Diverting

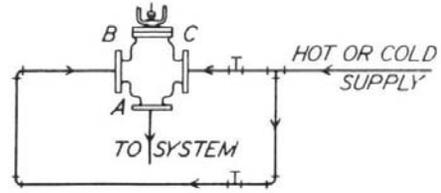


Figure 1. Showing how connections would be made where it is desired to shift from heating service to cooling service by manually opening and closing proper valves in the supply line.

Blending

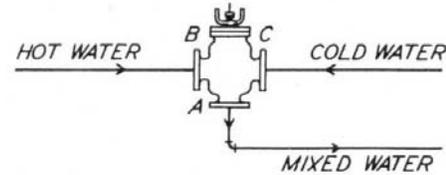


Figure 2. Illustrating a simple means for blending hot and cold where a rough mixing is suitable.

Diverting

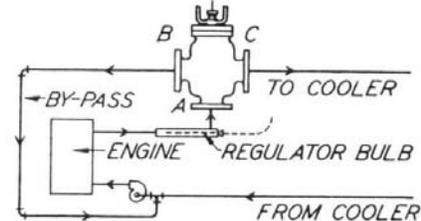


Figure 3. The drawing above illustrates the most widely used method of cooling water control for internal combustion engines.



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