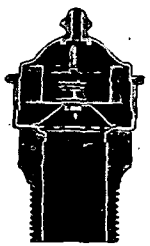
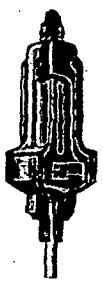


**No. 4 Hoffman Quick Vent Valve**

For quick venting mains, blast coils or for any service where water is not a factor. Vent port ⅛" dia. Pipe connection either ¾" or ¼".

**List Price, $2.80**



**No. 5 Hoffman Quick Vent Float Air Valve**

Permits quick vent in return line vapor systems or for service where water is encountered and must not be permitted to pass through the vent port. Pipe connections ⅜". Specify 1/16" port for pressures of 3 lbs. or over; 3/16" port for less than 3 lbs.

**List Price $8.00**

**No. 6 Hoffman Quick Vent Float Air and Vacuum Valve**

Is adapted for venting return lines and for other service where return of air to the system is not desirable. Pipe connections ⅜". Specify 1/16" port for pressures of 3 lbs. or over; 3/16" port for less than 3 lbs.

**List Price, $12.00**

The No. 4 Hoffman Valve is suitable for venting steam or vapor lines, when water is not encountered, nor vacuum required.

The No. 5 Hoffman Valve is suitable for venting steam or vapor lines where water might be encountered. The No. 5 valve will freely vent air and close against steam or water.

The No. 6 Hoffman Valve operates the same as No. 5 valve except that it closes after venting air, preventing return of air to the system.

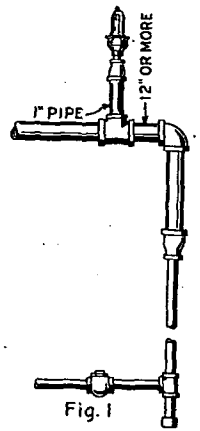


Fig. 1

Fig. 1 shows correct application of Nos. 4, 5 or 6 Hoffman Valve for venting end of steam or vapor main.

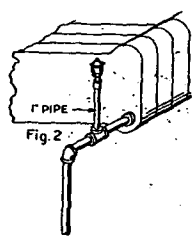


Fig. 2

Fig. 2 shows correct application of Nos. 4, 5 or 6 Hoffman Valve for venting indirect radiator.

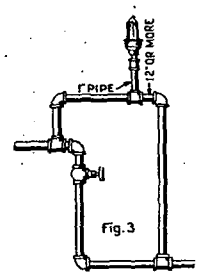


Fig. 3

Fig. 3 shows correct application of Nos. 5 or 6 Hoffman Valve for venting False Water line loop, providing by-pass for draining or cleaning.

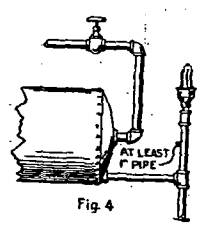
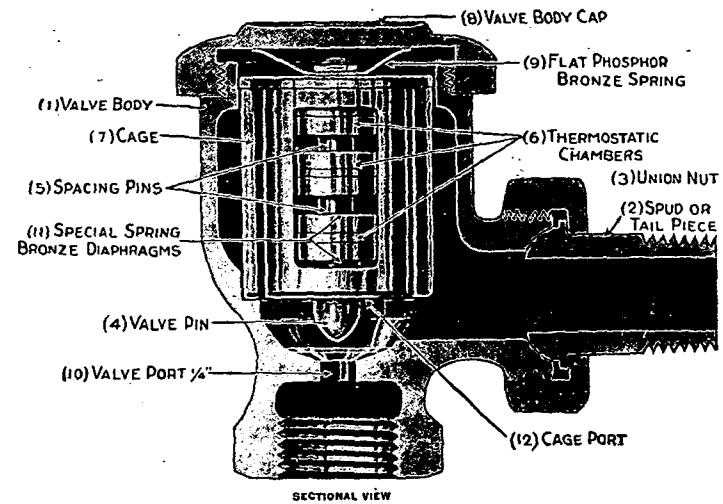


Fig. 4

Fig. 4 shows correct application of Nos. 4, 5 or 6 Hoffman Valve for venting steam coil in storage tank.








## HOFFMAN RETURN LINE VALVES

**No. 8 and No. 9**

**Special Operative Features**

The Hoffman Return Line Valve positively distinguishes between steam, air and water, freely passing the air and water but stopping the steam. It is non-adjustable. The thermostatic parts are interchangeable and may be shifted from one valve body to another of the same size without affecting the proper operation of the valve. Under atmospheric conditions the thermostat is set to maintain a wide open valve at 200 degrees Fahr., but, when steam, under atmospheric conditions (i. e., no pressure) but with a temperature of 212 degrees reaches the valve the thermostat fully and completely expands, tightly closing the exhaust port of the valve.

One of the chief features of the Hoffman Return Line Valve is its consistency of operation within a pressure range of from 13" vacuum to 50 pounds pressure. Within this range, condensation at a temperature of 10° to 12° less than the temperature corresponding to the steam pressure will cause a full valve opening.

In determining the valve capacity for blast coils the condensing power of such coils should be calculated on the basis of being four to eight times greater than radiator cast iron surface, the minimum outside temperature determining which factor to use.