

Hoffman Kompo-Gage

HOFFMAN KOMPO-GAGE

Measures pressure up to 30 lb., vacuum to 30 in. Pressure is registered in ounces up to 5 lb. Vacuum is shown in half inches up to 10 in.

Used in Hoffman "Controlled Heat" installations or in one-pipe gravity vacuum systems equipped with No. 2 valves; indicates efficiency of the apparatus when a warm house is maintained with vapor at temperatures considerably below 212 deg.

The No. 12 Hoffman Blast Trap is adapted for draining condensation from Indirect Radiators, Dryers, Drums, Blast Coils, Unit Heaters, Hot Water Generators and Ends of Long Steam Mains or Risers.

The Trap embodies the desirable feature of open bucket or float traps because it relieves condensation immediately upon its arrival at the trap regardless of the water temperature. Coupled with the float is a thermostatic member which positively overcomes the chief difficulty with float traps by automatically relieving air as well as condensation from the system.

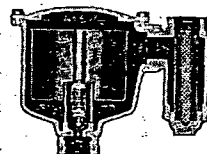
Table of Nominal Capacities, No. 12 Hoffman Blast Trap

Pressure, Pounds per Square Inch..	1/2	1	2	3	4	5
Capacity, Pounds per Hour.....	800	1000	1500	1800	2000	2500
*Capacity, Square Feet Radiation..	3200	4000	6000	7200	8000	10000

Maximum Operating Pressure, 30 lb. Capacities for over 5 lb. pressure, furnished on application.

With Strainer: inlet connection, 1 in.; outlet, 1 in.

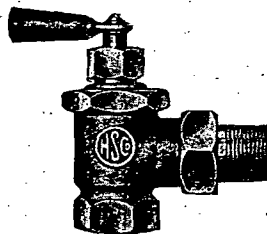
*On the basis of 1/4 lb. of condensation per square foot per hour.



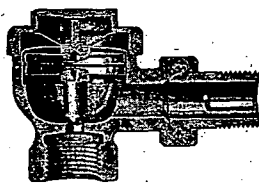
No. 12 Hoffman Blast Trap

No. 19 Quick Opening Hoffman Radiator Valve is of the semi-packless type for vacuum pump installations or for vapor systems where modulation is not required.

Made in 1/4 in. size only, capacity up to 200 sq. ft. C.I. Radiation. Regularly furnished in Lever Handle pattern. Wood Wheels or Lock Shields furnished on special order without extra charge. Extension stems supplied at an extra charge.



No. 19 Hoffman Radiator Valve

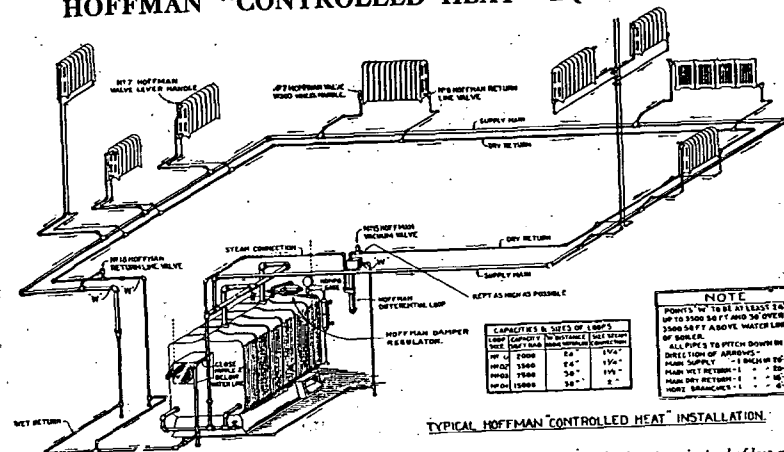


No. 18 Hoffman Radiator Trap

No. 18 Hoffman Return Line Valve or Radiator Trap is similar in principle to the No. 8 Valve. It is intended

for pressures up to 15 lb. and radiators up to 100 sq. ft. Thermostats are interchangeable and made of special Hoffman Diaphragm Metal that will not soften, stretch or crack under repeated action. Made with 1/2 in. connections in Angle, Straightway, Right- and Left-hand Offset Patterns. For roughing measurements see page (802).

Write for Descriptive Circulars

**TYPICAL INSTALLATION
HOFFMAN "CONTROLLED HEAT" EQUIPMENT**

NOTE.—Loop discharges into high end of return main. This results in venting air from high point in return instead of low point. Point "W" should be at least 2 1/2 in. above water line with Nos. 0 and 08 loops and 30 in. with Nos. 03 and 04.

**NOS. 20 AND 21 HOFFMAN THERMOSTATIC STEAM TRAPS
Pressure Range 0 to 100 lb. Without Change or Adjustment**

The Hoffman Steam Trap Body is of strong, rugged all bronze construction. The diaphragms in the thermostat, the valve pins and valve seat are all made of the same non-corrosive alloy which has been successfully used for diaphragms in Hoffman Valves for a number of years. The alloy withstands high temperature steam, and repeated action without softening or cracking. It also withstands the scoring action of steam.

A strainer is built into the trap body permitting ready removal for cleaning. All renewable parts are interchangeable, permitting replacement without adjustment of any sort. The trap is built to give maximum service with minimum attention and when repairs or cleaning are required the work can be quickly done.

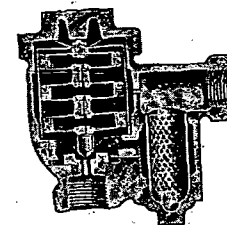
The Hoffman Steam Trap normally has a wide open vent port which is maintained until all air and condensation is relieved from the system, after which steam contact with the thermostat closes the port. No hand operated by-passes are required to vent air from the system. The trap cannot air-bind or freeze.

The discharge capacity is dependent upon differences between the temperature of condensation delivered to the trap and steam temperature, the greater the difference the larger the capacity of the trap. The following table gives continuous discharge capacities in pounds per hour.

	NO. 20 TRAP						NO. 21 TRAP					
	10	30	50	70	90	100	10	30	50	70	90	100
Pressure, lbs. per sq. in.....	10	30	50	70	90	100	10	30	50	70	90	100
Temperature Drop 20°.....	275	550	715	820	900	925	375	725	925	1085	1190	1225
Temperature Drop 35°.....	725	1075	1380	1675	1830	1860	950	1410	1860	2250	2490	2550

No. 20 Trap has 1/2 in. pipe connections, 3/8 in. port. Weight 3 1/4 lb.
No. 21 Trap has 1/2 in. pipe connections, 1/2 in. port. Weight 3 1/2 lb.

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Nos. 20 and 21
Hoffman Thermostatic Steam Trap