

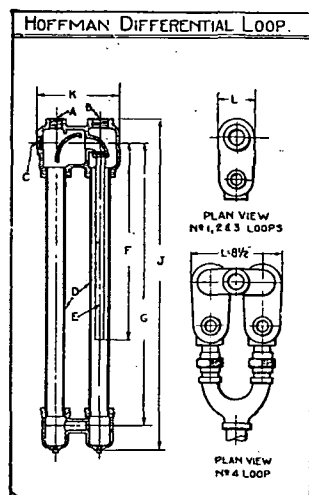


Hoffman Differential Loop

The Differential Loop is the safety device for maintaining a steady water line in vapor and vapor vacuum systems. It is entirely automatic, non-adjustable and has no moving parts to stick at a critical moment.

Through its use water is permitted to rise in the return main a certain predetermined amount when the loop functions, blowing over a small quantity of steam which closes the No. 10 or 11 Valve installed on the loop for venting the system and then compresses the air which is "bottled up" in the return main and builds up a pressure which prevents further rise of water in the vertical part of the return beyond the predetermined amount. As soon as this is accomplished, and the action is almost instantaneous, the loop reseals and no more steam is blown over until the differential pressure is not maintained. It will be readily seen that, by

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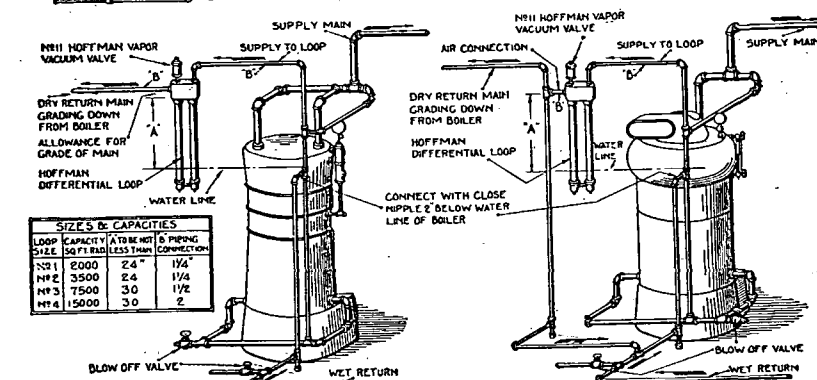
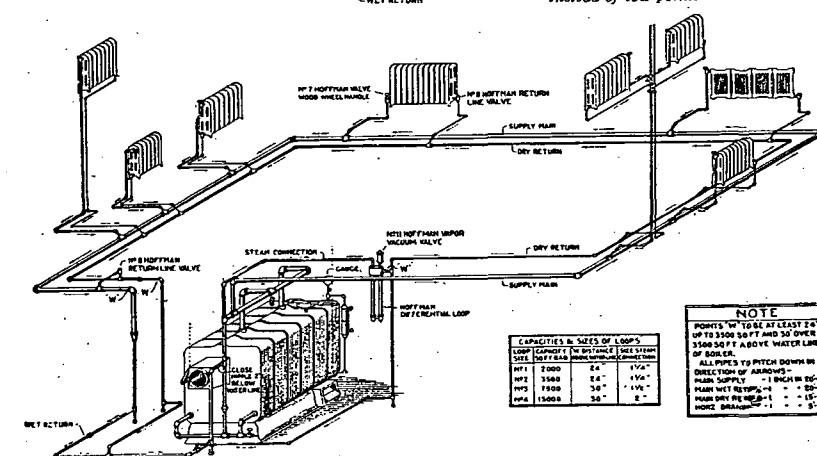
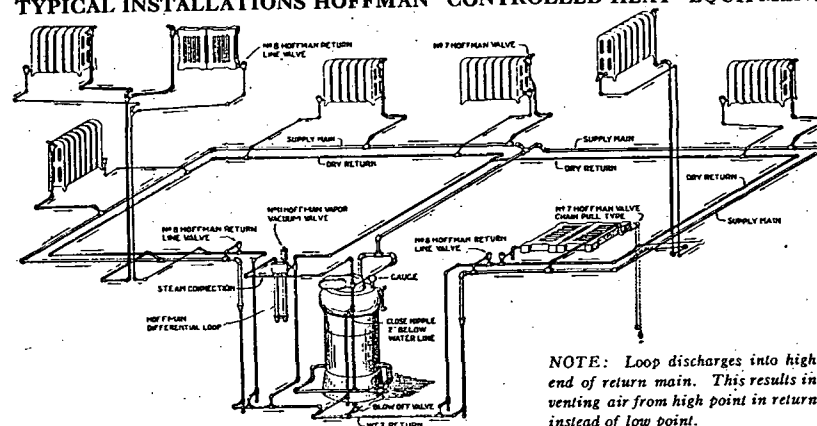


DIMENSIONS AND CAPACITIES OF HOFFMAN DIFFERENTIAL LOOPS

Loop No.	A	B	C	D	E	F	G	J	K	L	Capacity Sq. Ft. Rad.
1	3/4"	1 1/4"	1 1/4"	1 1/2"	1/2"	18 1/4"	26"	30 3/8"	7 7/8"	3"	2000
2	3/4"	1 1/4"	1 1/4"	1 1/2"	3/4"	18 1/4"	26"	30 3/8"	7 7/8"	3"	3500
3	3/4"	1 1/2"	1 1/2"	2"	1"	25"	32"	37 1/4"	10"	3 3/4"	7500
4	3/4"	2"	2"	2"	1"	25"	32"	37 1/4"	10"	8 1/2"	15000

Write for Descriptive Circular—Hoffman Controlled Heat

TYPICAL INSTALLATIONS HOFFMAN "CONTROLLED HEAT" EQUIPMENT



Write for Descriptive Circular—Hoffman Controlled Heat