

HOFFMAN "CONTROLLED HEAT" EQUIPMENT—(Continued)

TYPICAL INSTALLATIONS

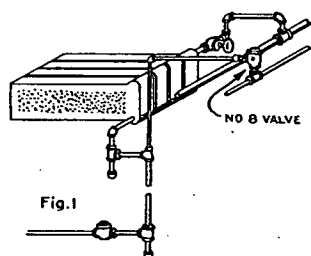


Fig. 1 shows application of No. 8 and 9 Hoffman Valves for venting and dripping indirect radiator into gravity or vacuum return line.

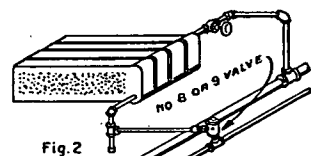


Fig. 2 shows application of No. 8 or 9 Hoffman Valve for venting and draining indirect radiator into air line, dry or vacuum return. Use No. 12 Valve for large radiators.

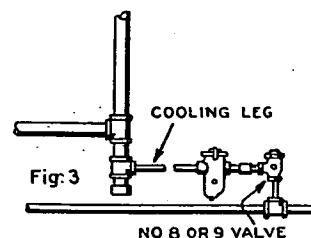
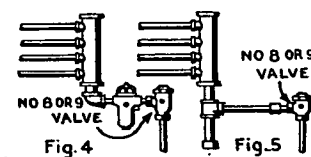


Fig. 3. Dripping heel of riser thru dirt strainer and venting thru No. 8 or 9 Hoffman Valve into gravity or vacuum return. Cooling legs wherever shown must not be less than 5 feet long.



Figs. 4 and 5 show proper application of No. 8 or 9 Hoffman Valves for dripping coils. Dirt strainers should be used when steam pressure exceeds 5 pounds.

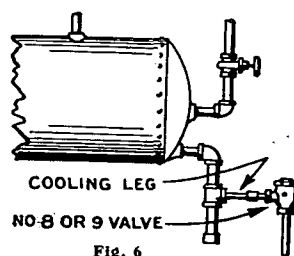


Fig. 6 shows the proper application of No. 8 or 9 Hoffman Valves for dripping storage tank coils into gravity or vacuum return. Cooling leg to be at least four feet or more in length.

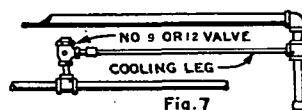


Fig. 7 and 8 show typical methods of dripping ends of mains or branches into gravity or vacuum returns, thru No. 9 or 12 Hoffman Valves. Cooling leg to be at least 5 feet or more in length.

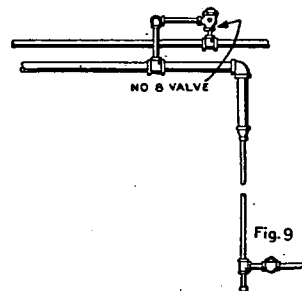
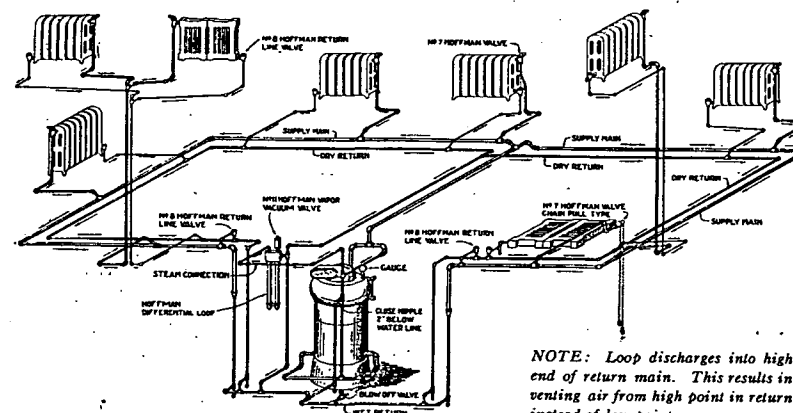


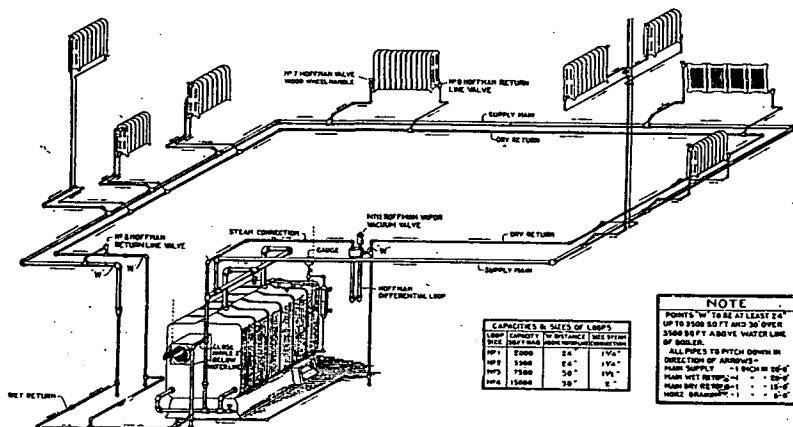
Fig. 8 shows application of No. 8 Hoffman Valve for venting end of steam main into dry return.

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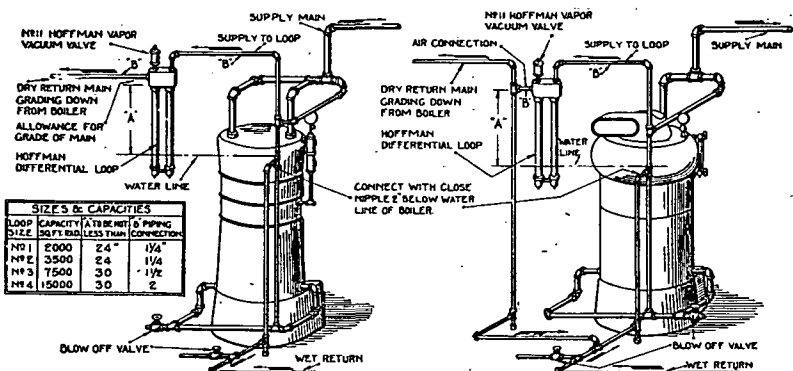


NOTE: Loop discharges into high end of return main. This results in venting air from high point in return instead of low point.



NOTE: POINTS "W" TO BE AT LEAST 2" UP TO 3500 SQ FT AND 30" OVER 3500 SQ FT ABOVE WATER LINE OF BOILER. ALL PIPES TO FITCH OPEN IN DIRECTION OF FLOW. MAIN SUPPLY - 1" INCH IN 100' MAIN DRY RETURN - 1" INCH IN 100' HOSE END - 1" INCH IN 100'

LOOP CAPACITY TO DISTANCE (FEET) FROM BOILER	SIZE (INCHES)	TYPE
UP TO 3500	2 1/2"	1/2"
3500 TO 5000	3"	1/2"
5000 TO 7500	3 1/2"	1/2"
7500 TO 15000	4"	1/2"



LOOP CAPACITY (AT 100' DISTANCE) TO DISTANCE FROM BOILER	SIZE (INCHES)	TYPE
UP TO 3500	2 1/2"	1/2"
3500 TO 5000	3"	1/2"
5000 TO 7500	3 1/2"	1/2"
7500 TO 15000	4"	1/2"