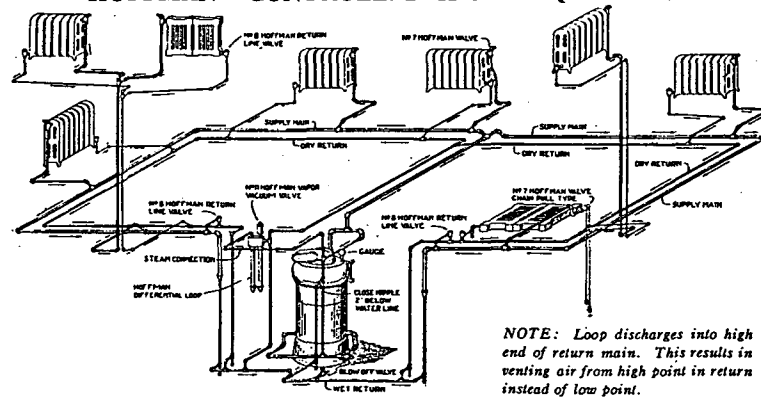
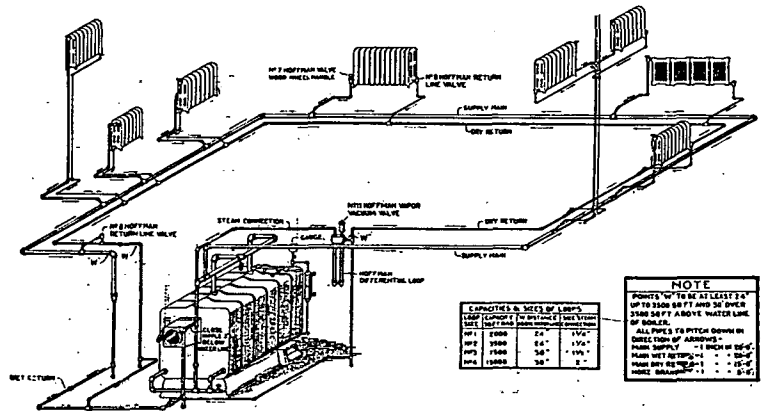


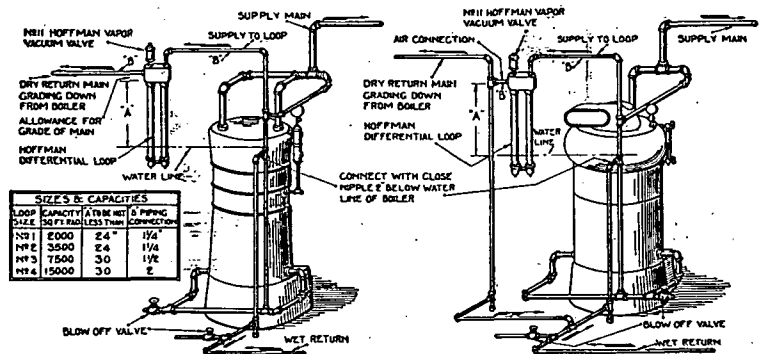
TYPICAL INSTALLATIONS HOFFMAN "CONTROLLED HEAT" EQUIPMENT



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



NOTE
 5' W TO BE AT LEAST 24"
 300 SFT AND 36" OVER
 8 FT ABOVE WATER LINE
 ER.
 PIPES TO PITCH DOWN ON
 TION OF ARROWS -
 SUPPLY - 1 INCH IN DI-
 ET AFTER - 1 - 10-
 NY RE - 1 - 15-
 BRANCH - 1 - 8-



The McAlear Mfg. Co.

1901-1907 So. Western Avenue

Power and Heating Specialties for Controlling Pressures and Flow of Steam, Water, Air or Gas

CHICAGO

PRESSURE REDUCING VALVES—used in Low Pressure, Vacuum or Vapor heating systems or any other service where close regulation and absolute control is required.

USE

Fig. 185 Single Seated Valves on dead end service where reduced pressure is below 10 lb.

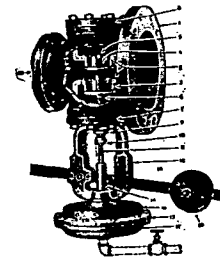
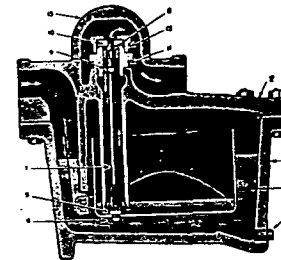


Fig. 245 Spring Weighted type for initial pressures up to 150 lb. and reducing to service pressures above 10 lb. Fig. 265 Single Seated Valves for dead end service such as cooking tables, kitchen utensils, laundry mangles, etc.

STEAM TRAPS—For draining water of condensation from any steam apparatus or steam mains.



Reversible Seat

SPECIFY

Fig. 685 for pressures up to 30 lb.

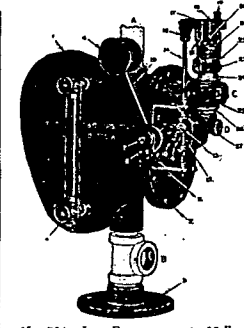
Fig. 695 for pressures up to 125 lb.

Fig. 705 for pressures above 125 lb.

Fig. 715 for special low pressures.

McAlear Heating and Power Plant Specialties include Oil Separators, Oil and Grease Traps, Dirt Strainers, Suction Strainers, Vacuum Pump Governors, Boiler Feeders, Damper Regulators, Steam Separators, Back Pressure and Atmospheric Relief Valves, Radiator Traps, Packless Valves, Air Vents, Stop and Check Valves and many other devices.

Catalog No. 27 covering our complete line gladly furnished upon request.

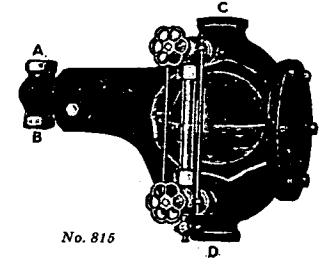


No. 781—Low Pressure, up to 25 lbs.

AIR ELIMINATOR AND RETURN TRAPS—Designed for automatically returning water of condensation from low pressure steam or vapor systems direct to boiler and to exhaust the air to atmosphere.

CAPACITIES

Size No.	Inlet In.	Outlet In.	Steam In.	Vent. In.	Capacity Sq. Ft.
0	1	1	1	3/4	1,000
1	1 1/4	1 1/4	1	3/4	2,000
2	1 1/2	1 1/2	1	3/4	4,000
3	2	2	1	3/4	6,000
4	2 1/2	2 1/2	1	3/4	10,000
5	3	3	1 1/4	1	15,000
6	3	3 1/2	1 1/4	1	20,000



No. 815

Rapid Feed Water Feeders are for maintaining water levels in low pressure steam boilers, receiving tanks, storage tanks, etc., where a large or small amount of make-up water is necessary.

Very accurate and will hold water level almost stationary.

Regular type for 30 lb. pressure. Water pressure must at all times be at least 10 or 15 lb. greater than the steam pressure.

Strainers furnished with all feeders.
 Sizes, in., $\frac{3}{4}$ to 2.