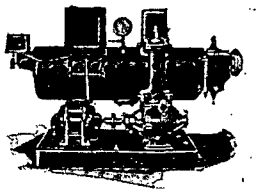
The Nash Engineering Company

South Norwalk, Conn., U. S. A.

SALES OFFICES

ATLANTA—1328 Atlanta Trust Co. Bldg.
BOSTON—Nottingham Bldg., Copley Square
BUFFALO—840 Ellicott Square
CHICAGO—425-28 Monadnock Block
CLEVELAND—1629 Union Trust Co. Bldg.
DALLAS—1020 Mercantile Bank Bldg.
DENVER—1226-28 California Street
DETROIT—Kerr Building
HOUSTON—Southern Pacific Bldg.
INDIANAPOLIS—821 Hume-Mansur Bldg.
KANSAS CITY—208 Mutual Bldg.
LOS ANGELES—1824 S. Hope Street
MINNEAPOLIS—800-6 La Salle Ave.
MONTREAL—84-98 St. Antoine Street
NEW ORLEANS—521 Baronne Street
NEW YORK—350 Madison Ave.
PHILADELPHIA—254 South 15th Street
PORTLAND—224 Pine Street
PITTSBURGH—Oliver Bldg.
RICHMOND—American Natl. Bank Bldg.
SALT LAKE CITY—204 Dooly Bldg.
SAN FRANCISCO—Sharon Bldg.
SEATTLE—220 Railway Exchange
ST. LOUIS—4200 Forest Park Blvd.
TORONTO—1123 Bay Street
VANCOUVER—315 Credit Foncier Bldg.
WASHINGTON—710 14th Street, N. W.



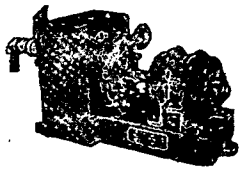
Motor-Driven Return Line Vacuum Pump

Jennings Hytor Vacuum Pump for Return Line Heating Systems

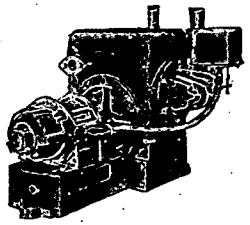
This pump removes air and water from the heating system, discharges the air to the atmosphere without back pressure, and automatically returns the water under pressure to the boiler or hot-well. Air and water are handled independently, resulting in a 50% saving in horsepower required for pump operation. Occupies one-third the space of other apparatus of equivalent capacity.

Interior parts bronze. Moving parts revolve without metal-to-metal contact and are supported on radial ball bearings mounted outside casing.

Furnished direct connected to standard electric motors, for belt drive, or for steam turbine drive.



Motor-Driven Return Line Vacuum Pump, Size M



Motor-Driven Condensation Pump

Jennings Hytor Condensation Pump and Receiver, Unit Type

No piping between the pump and receiving tank is necessary. The only connections are main return, water discharge, and air vent. Companion flanges are furnished.

The pump has an integral cast bronze impeller mounted on motor shaft supported by large motor bearings.

Literature, Recommendations and Proposals on Request

Bulletin 37—Return Line Vacuum Heating Pump.
Bulletin 25—Return Line Vacuum Heating Pump Size M.
Bulletin 18—Return Line Vacuum Heating Pump, Turbine Driven.
Bulletin 29—Condensation Pump.
Bulletin 17—Air-Line Vacuum Heating Pump.
Bulletin 10—Air and Gas Compressors.
Bulletin 11—Air and Gas Vacuum Pumps.

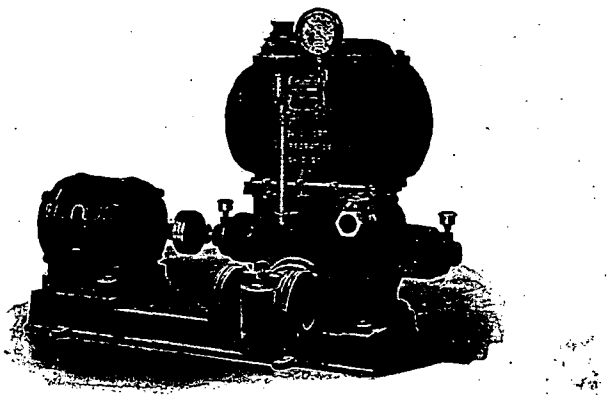
STANDARD SIZES AND CAPACITIES, JENNINGS HYTOR VACUUM PUMPS

Size	Square Feet direct equivalent radiation surface	Air Capacity cubic feet per min.	Water Capacity gals. per min. 10 lbs. pres. 180 F.	Actual Horse Power	R. P. M.	Horse Power of Motor
M	5,000	3	8	.6	1700	¾
A	8,000	5	11	.9	1800	1
B	16,000	11	22	1.4	1800	1½
C	26,000	15	35	2.0	1800	2
D	40,000	19	60	2.8	1200	3
E	65,000	34	90	3.9	1200	5
F	100,000	60	140	7.	1200	7½
G	150,000	80	200	9.8	900	10
H	300,000	150	400	19.	720	20

Skidmore Corporation

General Offices and Factory

1535 Dayton Street :-: :-: **CHICAGO, U. S. A.**



The New Type "B"

SKIDMORE HYDRO TURBINE VACUUM AND BOILER FEED PUMP

Where a self-contained unit reliable and quiet in operation is desired the Skidmore will be found.

Positive removal of air and water from the heating system and the return of water to the boiler.

A unit of pleasing design of large capacity and maintained efficiency, occupying less than half the floor space of pumps for similar service, self-contained, all on one base with return connections close to floor with strainer arranged so that connections can be made to one or both sides as desired. Furnished with direct connected motors for 10 and 20 lb. pressure, or up to 60 lb. if desired. For continuous service or with automatic vacuum control or automatic float control or both.

A strictly high grade product, bronze rotors and bronze fitted throughout, shaft carried on oversize ball bearings, no close clearances or rubbing parts.

CAPACITIES FOR 10-in. Vacuum—10 and 20 lb. Pressure

Size of Pump	Capacity Sq. Ft. of Radiation	Gal. of Water per min.	Motor H. P. 10 lb.	Motor H. P. 20 lb.	Size of Companion Flanges for Returns	Size of Discharge to Boiler	Approx. Floor Space	Shipping Weight lb.
0	5,000	8	¾	1	1½″	1″	18″x34″	500
1	8,000	11	1	1½	2″	1¼″	18″x46″	600
2	16,000	22	1½	2	2″	1¼″	18″x48″	700
3	26,000	35	2	3	2½″	1¼″	18″x48″	775
4	40,000	60	3	5	2½″	1½″	18″x52″	800
5	60,000	90	5	7½	3″	2″	20″x54″	1200
6	100,000	150	10	15	4″	2½″	20″x60″	1400

R. P. M. 1800 for all sizes.
Above weights are for continuous service, add 100 lb. for automatic control.