

Buffalo Steam Pump Co.

Buffalo, N. Y.

BRANCH OFFICES

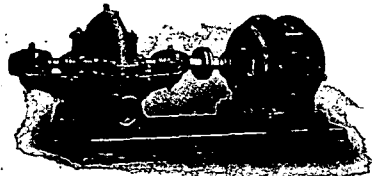
NEW YORK, N. Y., 39-41 Cortlandt St.
PHILADELPHIA, PA., 1303 Land Title Bldg.
BOSTON, MASS., 177 State St.
CLEVELAND, O., 368 Rockefeller Bldg.
PITTSBURGH, PA., 917 Union Arcade
DETROIT, MICH., Coon De-Visser Co.
CHICAGO, ILL., 562 W. Washington Blvd.
WASHINGTON D. C., Washington Loan & Trust Bldg.
ATLANTA, GA., Candler Bldg.
INDIANAPOLIS, IND., 1016 Fletcher Saving & Trust Bldg.

ST. LOUIS, MO., 515 Chemical Bldg.
CINCINNATI, O., 607 Mercantile Library Bldg.
MINNEAPOLIS, MINN., 120 South Ninth St.
DENVER, COLO., 1718 California St.
LOS ANGELES, CALIF., 636 H. W. Hellman Bldg.
CHARLOTTE, N. C., J. W. Fraser & Co.
NEW ORLEANS, LA., Woodward Wight & Co.
KANSAS CITY, MO., J. F. Pritchard & Co.
SAN FRANCISCO, CALIF., 216 Pine St.
PORTLAND ORE., 816-817 Lewis Bldg.

Canadian Blower & Forge Co., KITCHENER, ONT.

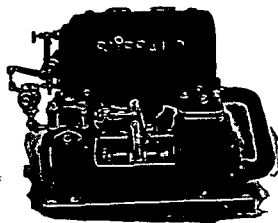
Products

Centrifugal Pumps For All Purposes—Single and Double Suction, Single and Multistage, Horizontal and Vertical. Steam Pumps—Duplex and Simplex, Inside Packed and Outside Packed. Vacuum Pumps and Condensers.



Class S Double Suction Centrifugal Pump

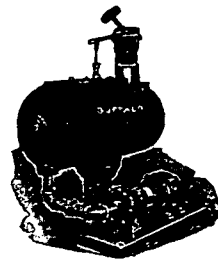
Horizontally divided casing. Extensively used with air washers, and for circulating systems and booster service.



Duplex Steam Pump and Receiver

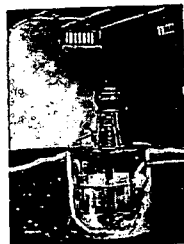
Entirely automatic. Can be furnished for high or low boiler pressure.

COMPLETE CATALOGS WILL BE FURNISHED UPON REQUEST



Centrifugal Condensation Return Pump and Receiver

Also built vertical with receiver pit. Especially adapted for low pressure boilers. Automatic in operation.



Automatic Sump Pump

Self contained. Ball bearing thrust with automatic oil lubrication.

The Nash Engineering Company

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

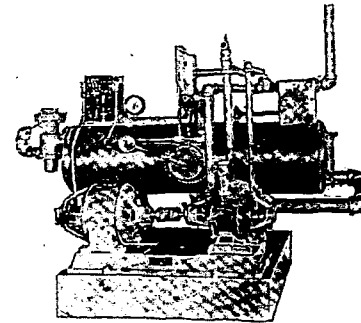
INDIANAPOLIS—821 Hume-Mansur Bldg.
KANSAS CITY—208 Mutual Bldg.
LOS ANGELES—1824 S. Hope St.
MINNEAPOLIS—501 S. Sixth Street
MONTREAL—84 Inspector Street
NEW ORLEANS—521 Baronne Street
NEW YORK—350 Madison Ave.
PHILADELPHIA—254 South 15th Street
PORTLAND—224 Pine Street
BOSTON—Nottingham Bldg., Copely Square
BUFFALO—840 Ellicott Square
CHICAGO—1220 Monadnock Block

SALES

OFFICES

CLEVELAND—1392 West 3rd Street
DALLAS—1020 Dallas County Bank Bldg.
DENVER—518 Boston Bldg.
DETROIT—Kerr Building
HOUSTON—Southern Pacific Bldg.
PITTSBURGH—Oliver Bldg.
SALT LAKE CITY—204 Dooly Bldg.
SAN FRANCISCO—Sharon Bldg.
SEATTLE—220 Railway Exchange
ST. LOUIS—4200 Forest Park Blvd.
TOLEDO—136 Huron Street
TORONTO—1001 Kent Bldg.

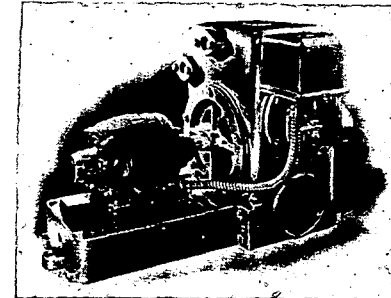
WASHINGTON—710 14th Street, N. W.



Jennings HYTOR Vacuum Pumps for Return Line Heating Systems, remove air and water and automatically return water to boiler or hot well. Pump consists of two independent units—a Hytor turbine air pump and a Jennings centrifugal water pump—combined in one casing. Air and water are pumped separately, thus saving in horsepower is over 50 per cent and cost of current is reduced proportionately.

Requires one-third the space necessary for other apparatus. Interior parts bronze. Moving parts revolve without contact, supported on annular ball bearings mounted outside casing.

Furnished direct connected to standard electric motors or for belt drive, also with steam turbine designed to operate at steam pressure of 75 lb., but this can be varied. Turbine units are designed to discharge condensate against boiler pressure not exceeding 20 lb.



Jennings Unit Type Condensation Pump and Receiver

This new Unit Type Condensation Pump and Receiver is essentially the same design as our well known Type M Jennings Return Line Vacuum Heating pump. The cut above shows the appearance of the 5,000 sq. ft. unit. You will note that no piping between pump and receiving tank is necessary. The only connections are main return, water discharge and air vent. Companion flanges are furnished, making the installation of this pump extremely simple and economical. The pump is equipped with an integral cast bronze shaft mounted on motor shaft and supported by large motor bearings.

The automatic control in this unit is enclosed in its metal cabinet and includes overload and phase failure protection for polyphase current. The wiring between motor and float switches is done in our shop. The automatic control is operated by a 6 in. seamless drawn copper ball on a 14 in. stem, giving ample power. Standard units are furnished in this design for any capacity up to 16,000 sq. ft. and can be supplied for 10 or 20 lb. gage pressure at the pump.

Special bulletins are available describing this and our other products.

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	3/4
A	8,000	6	11	.9	1800	1
B	16,000	11	22	1.4	1800	1 1/2
C	26,000	19	35	2.0	1800	2
D	40,000	25	60	2.8	1200	3
E	65,000	42	90	3.9	1200	5
F	100,000	75	140	9.	1200	10
G	150,000	90	200	10.	900	10
H	250,000	180	400	19.	720	20