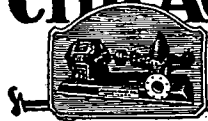


CHICAGO PUMP COMPANY



SEWAGE-CONDENSATION-CIRCULATING
BILGE-FIRE-HOUSE-VACUUM

2330 Wolfram Street

Chicago, Ill.

PRODUCTS—Electric Centrifugal Pumps, Sewage, Bilge, Fire, House, Circulating, Pneumatic and Tankless Water Systems, Condensation, Vacuum, Cellar Drainers

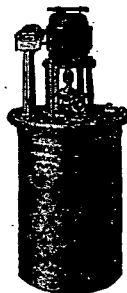
List of Representatives

ARIZONA, Phoenix, J. W. Ladlow	Des Moines, H. F. Willis, 521 Securities Bldg.	St. Louis, Foster Mechanical Equip. Co.	SOUTH CAROLINA, Greenville, James McCabe
ALABAMA, Birmingham, C. P. Leibold	Sioux City, Wigman Co.	MONTANA, Butte, Sullivan Valve & Engr. Co.	TENNESSEE, Chattanooga, Southern Sales Co.
CALIFORNIA, Los Angeles, Smith Booth Usher Co.	Davenport, A. R. Boudinot	NEW JERSEY, Newark, R. B. Brown	Memphis, Southern Sales Co.
San Francisco, Jenison Machinery Co.	KANSAS, Wichita, J. M. O'Connor	NEW YORK, Buffalo, Bushnell-Felton, Inc.	Nashville, Southern Sales Co.
COLORADO, Pueblo, M. R. Schwer & Co.	KENTUCKY, Louisville, Wallace Hoing	NEW YORK, New York, Chicago Pump Co.	TEXAS, Amarillo, Clowe & Cowan
Denver, A. Wallace & Co.	LOUISIANA, New Orleans, H. J. Kelly	NEW YORK, Rochester, R. C. Schwarz	Fort Worth, Speckmeyer-McDonald
CONNECTICUT, Hartford, Boiler Equipment Co.	MARYLAND, Baltimore, J. J. Smith	UTICA, H. F. Bantham	Houston, Dalton-Heyne Co.
DISTRICT OF COLUMBIA, Washington, W. L. Ticer	MASSACHUSETTS, Boston, Monahan Pump Equip. Co.	NORTH CAROLINA, Greensboro, F. L. Bunker	San Antonio, Dalton-Heyne Co.
FLORIDA, Cocoa, R. H. Magruder Co.	MICHIGAN, Detroit, Chicago Pump Co.	OHIO, Cincinnati, C. R. Lingo Engr. Sales Co.	UTAH, Salt Lake City, L. Brandenberger
Jacksonville, G. E. Osgood	Tampa, H. G. Carter	CLEVELAND, Chicago Pump Co.	VIRGINIA, Richmond, Virginia Equip. & Supply Co.
GEORGIA, Atlanta, J. R. Whitman	MINNESOTA, Saginaw, R. R. Kimble	COLUMBUS, J. T. Seiders	WEST VIRGINIA, Charleston, H. DeB. Miner
Savannah, Bergen & Peck	MISSISSIPPI, Jackson, Paine Machinery Co.	TOLEDO, M. C. Griffin	WISCONSIN, Milwaukee, Swisher Maurer & Co.
ILLINOIS, Peoria, C. E. Kallister Co.	MISSOURI, Kansas City, J. M. O'Connor	OKLAHOMA, Oklahoma City, Federal Steam Spec. Co.	WASHINGTON, Seattle, Chicago Pump Co.
INDIANA, Fort Wayne, Domestic Sales Co.	INDIANAPOLIS, W. P. Whittington Co.	OREGON, Portland, D. R. Munro	Spokane, W. B. Starky
Iowa, Des Moines, E. B. Carr			

Vertical Condensation Pump and Receiver

Tables partial only (ask for Bulletin 133)

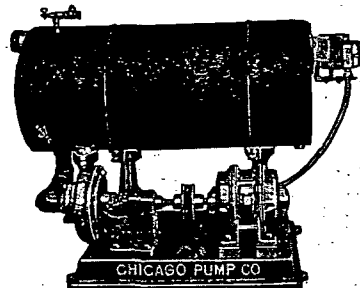
Unit No.	Maximum Sq. Ft. Direct Radiation	Lbs. Press. Pump will Discharge Against	Horsepower Motor Furnished	Capacity Pump in Gals. per Min.	Dis. Receiver in. also Floor Space
1650	3,000	10	1/2	5	24
1651	"	17	1/4	"	"
1652	"	22	1	"	"
1654	6,000	10	1/2	10	24
1655	"	17	1/4	"	"
1656	"	22	1	"	"
1658	10,000	10	1/2	15	24
1659	"	17	1/4	"	"
1660	"	22	1	"	"
1662	15,000	14	3/4	21	24
1663	"	18	1	"	"
1665	25,000	12	3/4	35	30
1666	"	16	1	"	"
1668	40,000	10	3/4	55	30
1669	"	14	1	"	"
1670	"	21	1 1/2	"	"



Vertical Condensation Pump
Fig. 1940

Horizontal Condensation Pump and Receiver

Designed for capacities up to 150,000 sq. ft. of direct radiation and boiler pressures to suit any job.



F. C. Condensation Pump Fig. 1981

ASK for BULLETINS 129, 131 and 133 for complete information and tables on Condensation Pumps.

"CONDO-VAC"

Condensation Vacuum
Vacuum and Boiler Feed Pumps

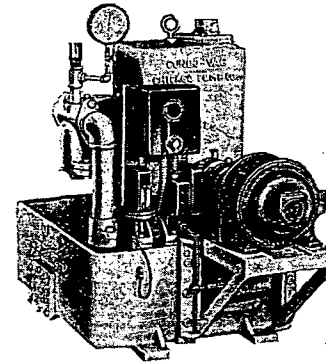


Fig. 1990. Single "Condo-Vac"

"Condo-Vac" is a Return-Line Condensation Vacuum and Boiler Feed Pump. It is a complete unit—having a base and receiver, motor, air and water pumps, float switch, vacuum regulator, automatic starter, strainer and pressure and vacuum gauges—completely wired and ready for installation as it leaves the factory.

"Condo-Vac" has a centrifugal air pump. Air and water pump are on one shaft, driven by one motor. Stuffing Boxes are free from vacuum or pressure—no injury to shaft caused by tight packing and no air drawn into pump through stuffing box. All fittings for pump interior are made of bronze. Inlet is very low—only 10 inches off floor on smaller sizes.

"Condo-Vac" is very quiet in operation. Oversize ball bearings used. Operating principle eliminates close clearances and their natural noises and early wear. Made in single and duplex units for systems up to 100,000 sq. ft. direct radiation and for pressures up to 35 lb. ASK for BULLETIN 137.

The Receiver of the "Condo-Vac," which also serves as a base, is made of cast

iron. The construction of the receiver eliminates the necessity of a special foundation for the pump and forms an ideal base for the pump proper.

A heavy cast iron base carries the motor and is adjustable for various motor heights—base provides plenty of ventilation for motor. ASK for BULLETIN 137.

ARCHITECTS' SPECIFICATIONS DUPLIX "CONDO-VAC"

Furnish and install where indicated on plans, a duplex "Condo-Vac" centrifugal condensation and vacuum return line pump as manufactured by the Chicago Pump Company. This unit shall be a complete duplex pump mounted on one cast iron receiver together with all apparatus necessary for duplex automatic vacuum and float switch control.

Each pump shall have a capacity of _____ sq. ft. of direct radiation and shall have a pressure of _____ lb. at the pump discharge.

Cast iron receiver shall be so arranged that inlet will not be more than 12 in. from the floor. Pump casing shall be horizontally split. Suction strainer shall be placed between vacuum pump and receiver. Each pump shall be equipped with two out-board ball bearings.

Control apparatus shall include two enclosed, fused, main line switches, two enclosed float switches, two enclosed, automatic vacuum switches, two manual vacuum cut out switches, and two enclosed automatic starters, providing overload and low voltage protection. Each unit shall be controlled by its own vacuum switch and float switch, and piping and wiring shall be so arranged that either unit can be operated independent of the other.

All wiring and electrical connections between motors and control apparatus will be made when equipment is assembled at the factory. The entire pumping equipment is to be shipped from the factory in a complete unit, leaving only wiring between electrical service and motor and piping connections between inlet to receiver and discharge of pump to be done after pump has been shipped.

"CONDO-VAC" TABLES*

For 10 lb. Pressure at 1,720 r.p.m.

Unit No.	Direct Radiation for 10 lb. Pressure	H.P. Motor for 10 lb. Pressure	Air Cap. 10" C.F.M.	Water Pump Capacity, G.P.M.	Size Return Inlet in in.	Size Discharge in in.	Approx. Floor Space in in.
2601	8000	1	5	12	2	1 1/4	48x56
2602	16000	1 1/2	10	24	3	1 1/4	56x60
2603	26000	2	16	39	3	1 1/2	60x62
2604	40000	3	21	60	4	2	66x62
2605	65000	5	36	96	4	2	74x66
2606	100000	7 1/2	52	140	6	3	86x68

For 20 lb. Pressure at 1,720 r.p.m.

Unit No.	Direct Radiation for 20 lb. Pressure	H.P. Motor for 20 lb. Pressure	Air Cap. 10" C.F.M.	Water Pump Capacity, G.P.M.	Size Return Inlet in in.	Size Discharge in in.	Approx. Floor Space in in.
2609	8000	1 1/2	5	12	2	1 1/4	48x56
2610	16000	2	10	24	3	1 1/4	56x60
2611	26000	3	15	39	3	1 1/2	60x62
2612	40000	5	21	60	4	2	66x62
2613	65000	7 1/2	34	96	4	2	74x66
2614	100000	10	52	140	6	3	86x68

*Other tables for 35 lb. pressure in BULLETIN 137.

HORIZONTALLY SPLIT CENTRIFUGAL PUMPS—For all Purposes

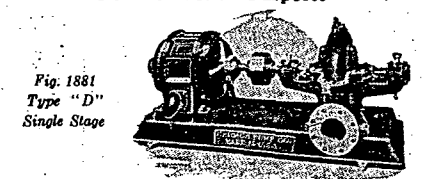


Fig. 1981
Type "D"
Single Stage

Single and Multistage Centrifugal Pumps for hot or cold water circulating, boiler feed, booster and other work. Capacities up to 2,000 g.p.m. Pressures up to 310 lb. ASK for BULLETINS 101 and 103.

Fig. 1981. Duplex "Condo-Vac"