

CHICAGO PUMP COMPANY

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

2330 Wolfram Street - BRUNSWICK 4110 - Chicago
PRODUCTS—Vacuum and Boiler Feed Pumps, Condensation, House, Booster, Fire Pumps, Circulating, Brine, Sewage, Bilge, Sludge, Pneumatic Tankless Water Systems and Automatic Alternator.



Condensation Pump and Receiver
for Low, Medium and High Pressures
Systems up to 150,000 Sq. Ft. Radiation

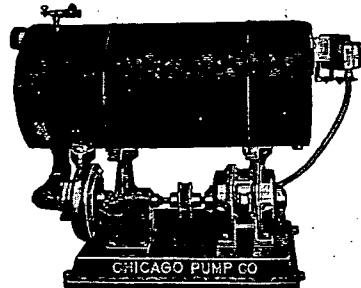


Fig. 1831—P. C. Condensation Pump

"Chicago" Condensation Pumps are built for systems ranging from 2,000 up to 150,000 sq. ft. of radiation, and for boiler pressures up to 200 lbs. Units are built in either single or duplex—the duplex being alternated in their operation by the Automatic Alternator. For tables and complete description ask for Bulletin 129.

Vertical Condensation Pump

for Low and Medium Pressure for Systems up to 100,000 Sq. Ft. Radiation

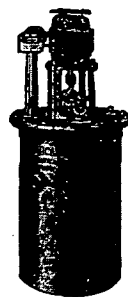


Fig. 1940
Vertical
Condensation
Pump

The vertical condensation pump is designed to receive returns from lowest radiation. The receiver is placed underground—an ordinary hole sufficing if necessary—and requires very little floor space. Unit is shipped complete, easy to install, assembled so as to prevent steam leaks. Special bearings will stand up under hot water for several years. A special float mechanism is guaranteed not to leak or stick in stuffing box. Complete data and description in Bulletin 133.

"Sure-Return" Condensation Pump
for Low and Medium Pressure, and Systems up to 35,000 Sq. Ft. Radiation

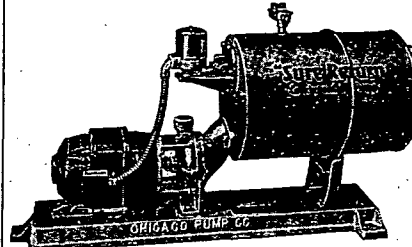


Fig. 1946

"Sure Return" Condensation Pumps and Receivers are built for systems up to 35,000 sq. ft. of direct radiation and for low and medium pressures. Built in either single or duplex units. Duplex units are alternated in their operation by the Automatic Alternator. Complete data in Bulletin 131.

Horizontally Split Pumps for all Services

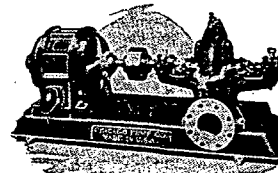


Fig. 1881—Single Stage Type "D" Pump

For any service (such as boiler feed, water supply, tank filling, circulating, fire protection, etc.). Chicago Pump Co. builds a line of horizontally split case centrifugal pumps in both single and multistages. Completely bronze fitted (except where special fittings are required) ball bearings, internal water seal, oil is filtered. "Chicago" Horizontal Pumps are built for efficient performance and long life.

"CONDO-VAC"

Return Line Vacuum and Boiler Feed Pump

Automatic Alternator is available
on Duplex Return Line Vacuum
and Boiler Feed Pumps

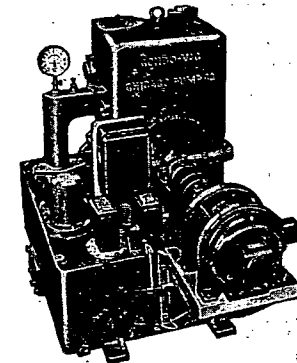


Fig. 2100—Single "Condo-Vac"

No vacuum on stuffing boxes, ample clearance in rotating member. It costs less to operate a Condo-Vac. Condo-Vac reduces corrosion in piping and boiler to minimum—because pump does not take in air from atmosphere and entirely eliminates all air coming back from system. Condo-Vac is quiet, has a low inlet, entirely automatic, fool-proof, easy to maintain. Ask for Bulletin 137, learn more about the modern vacuum pump with the long life principle of operation.

"Condo-Vac" Engineering Table

Single Standard Capacity, with Double Automatic Control and Receiver. 20 Pounds Discharge Pressure

Square Feet Radiation	Horsepower of Motor Furnished	Simultaneous Water and Saturated Air Capacity at 160° F.		Pump Discharge in Inches	Approximate Shipping Weight in Pounds
		Water GPM	Air CFM at 3 1/2"		
*2,500	1/2	3.8	1.3	1 1/4	500
*5,000	1	7.5	2.5	1 1/2	525
*10,000	1 1/2	15.0	5.0	2	550
15,000	2	22.5	7.5	2 1/2	1,000
20,000	2 1/2	30.0	10.0	3	1,200
25,000	3	37.5	12.5	3 1/2	1,300
30,000	3 1/2	45.0	15.0	4	1,450
40,000	5	60.0	20.0	5	1,700
65,000	7 1/2	97.5	32.5	7	2,200
100,000	10	150.0	50.0	10	3,000
150,000	15	225.0	75.0	15	4,000

*Units marked with asterisk run at 1750 R.P.M. All other units listed on this sheet run at 3500 R.P.M.

*Vertical Style Condo-Vac (Fig. 2120) operating at 3500 R.P.M.