HYDRODYNAMICS DIVISION

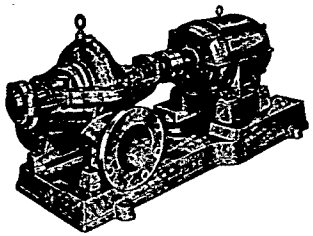
CHICAGO PUMP

6222 Diversey Parkway • Chicago Illinois 60614

Distributors in Principal Cities Throughout The United States and Foreign Countries

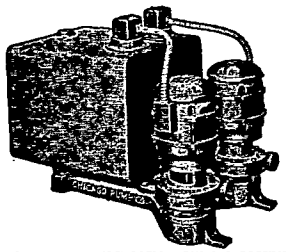
PRODUCTS

Condensation, House, Booster and Fire Pumps . . . Return Line Vacuum Heating and Boiler Feed Pumps . . . Circulating, Brine, Sewage, Sump, Sludge Pumps . . . Pneumatic and Tankless Water Supply Systems . . . Sealed Electrode Floatless Pump Controller . . . Automatic Alternator for Duplex Sets of Pumps . . . Water Pressure Supply Systems



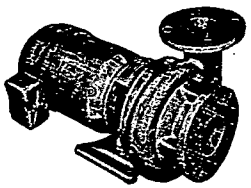
HORIZONTAL SPLIT-CASE PUMPS

For water supply, heating, refrigeration and air conditioning service. Type DSB normal operating range to 700 CPM, heads to 375 feet, speeds to 3500 RPM. Type DPA for capacities to 3750 GPM, 280 foot heads, speeds to 1800 RPM. Type DSA same operating characteristics as the DPA. Units available with mechanical seals or packing. Ask for Bulletin 102-B.



SURE RETURN CONDENSATION PUMP & RECEIVER

For systems up to 75,000 EDR and for low and medium pressures. Available in either single or duplex units. The base serves as a large capacity manifold through which the condensate flows by gravity from the receiver to the pump. SURE RETURN pumps never steam bind. Ask for Bulletin 250-F.



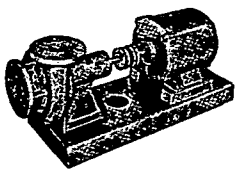
TYPE CC, CLOSE COUPLED CENTRIFUGAL BOOSTER PUMP

Pump and motor are combined into a single space saving, compact unit. May be installed in any position except vertically with motor located below the pump. Performs efficiently, and quietly. Capacities to 550 GPM. Pressures to 275 feet TDH. Available with mechanical seals or packing. Ask for Bulletin 108.

TYPE AVC CONDENSATION PUMP & RECEIVER

Heavy cast iron receiver with low inlet for floor mounting or shallow pit. Sets on floor—no foundation bolts necessary. Weight of unit and piping hold unit firmly in place. For 500 to 10,000 EDR and 10 to 30 lbs. pressure. Available in either single or duplex units. Ask for Bulletin 245-F.





FC—FCP FLEXIBLE COUPLED CENTRIFUGAL PUMP

For water supply systems, booster systems, circulating service, general industrial use. Available in 11 sizes with threaded and flanged connections. Compact, simple, rugged construction. Pedestal mounted, quiet, smooth running operation. Available with mechanical seals or packing. Capacities: to 900 GPM. Pressures: to 275 TDH. Ask for Bulletin 107.



TYPE NVC VERTICAL CONDENSATION PUMP & RECEIVER

Specifically designed for low return service and underground installations. Flanges are gasketed to prevent steam leaks. Pump and receiver are shipped as a unit, ready to install. For 1000 to 75,000 EDR and 10 to 50 lbs. pressure. Ask for Bulletin 254-A.

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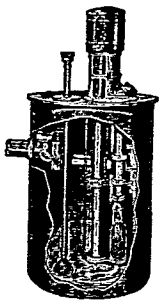
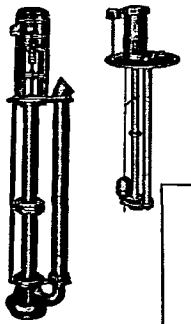


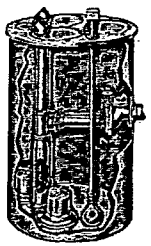
TYPE F "FLUSH KLEEN" CLOG-PROOF SEWAGE PUMPS

Only liquids are handled by the impeller. Solids, heavy concentrations of high wet strength paper products and other coarse matter are retained in the "Flo Thru" strainer housing until cleanly flushed to the sewer. Ask for Bulletin 122-2.



TYPE "L" AUTOMATIC ELECTRIC SUMP PUMPS

For the positive and automatic draining of basements, sumps and pits. Designed for heavy duty service with cast bronze impellers. Casings are equipped with cast iron strainers. Capacities to 350 GPM, heads to 60 feet. 1750 and 1150 RPM Standard. Ask for Bulletin 170.



TYPE VCS VERTICAL CLOSED SHAFT NON-CLOG PUMP

Available in either single or duplex units . . . suitable for either sump or sewage service. Pump is mounted on separate floor plate to allow easy removal for servicing. Capacities to 5000 GPM. Ask for Bulletin 124-J.

TYPE FI "FLUSH KLEEN" IMMERSI PUMPS

Incorporate the same heavy duty, non-clog pump casing and impeller as used in Type "F Flush Kleen." The motor operates completely immersed in the pumped liquid. It is of the ball bearing type . . . has adequate thrust capacity for all pumping conditions. No packing or lubrication maintenance. Solids can't enter pump. Application limited to a maximum inflow of 450 GPM. Ask for Bulletin 122-3.

SEWAGE AND SUMP PUMPS NOW AVAILABLE WITH sealtrode*

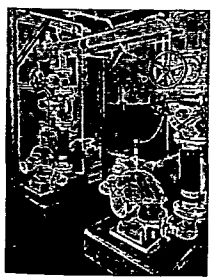
* Trademark



A SEALED ELECTRODE FLOATLESS PUMP CONTROLLER . . . used exclusively with "Chicago" Sewage and Drainage Sump Pumps. . . . has every advantage of other floatless controllers, plus these advantages of being sealed:

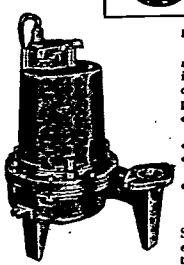
- Electrodes never become insulated and coated with grease, oil or soap.
- Electrodes are never affected by corrosive elements in sewage and drainage water.
- No moving parts in liquid.
- Low original cost . . . eliminates need for duplex float switches and float guide pipes.
- Low maintenance cost.

Ask for Bulletin 128-B



"UNI-PRESSURE" CONSTANT PRESSURE WATER BOOSTER SYSTEM

Maintains a constant system pressure regardless of flow demand variations or fluctuating suction pressures, without the use of complicated, expensive speed controlling devices. Constant speed pump and motor in combination with pressure control valves, pressure and flow switches eliminate the need for storage tanks, compressors or other space utilizing components. Available in single or multi pump systems with capacities and heads as required. Ask for Bulletin 110.



NEW MODEL UW IMMERSIPUMP

A submersible non-clog sewage and sump pump for pumping sewage and other liquids containing solids . . . and sump pump applications.

- Low original and maintenance cost.
- Easy to install and service.
- Pump and motor operate completely submerged.
- Capacities from 30 GPM to 750 GPM.

Ask for Bulletin 99.

Smaller immersible cellar drainers also available. Ask for Bulletins 115 and 116.