

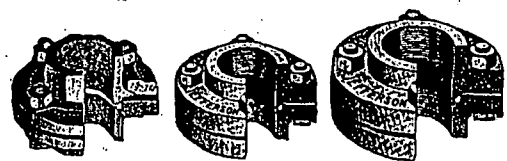
JEFFERSON FLANGE UNIONS

feature the exclusive
RECESSED BRASS SEAT
for Permanent Tightness

Three Part Detail

All Jefferson Unions and Flange Unions in all styles are designed around the Jefferson Recessed Brass Seat—a metal-to-metal spherically ground seat located away from the run way of the flange. This design and construction assures a permanently tight joint which can be made up leakproof without pipe pressure. Threaded pipe ends cannot come in contact with the seat no matter how far they are screwed in.

Complete details on the Jefferson line can be obtained from your nearest distributor or from Jefferson direct.



Style "A" Three Part Flange Union — For test pressures up to 2000 lbs.

Style "B" Two Part Flange Union for test pressures up to 6000 lbs.

Style "C" Two Part Flange Union for test pressures up to 4000 lbs.

JEFFERSON UNION CO.

601 West 26th St., New York 1, New York

LEXINGTON 73, MASS.

Factories at

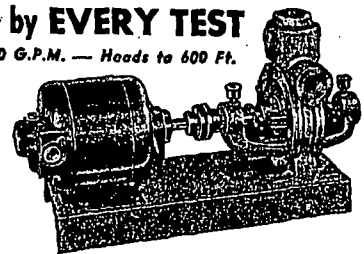
LOCKPORT, N. Y.

"TOPS" by EVERY TEST

Capacities to 150 G.P.M. — Heads to 600 Ft.

The APCO TURBINE-TYPE PUMP

- Simple — Wear-Free — Compact
- High Efficiency
- Silent Operation
- Will not Vapor-Bind
- Hydraulically Balanced
- Accessible
- High Section Lift
- No Metal-to-Metal Contact
- High pressure per stage
- Double Section
- Precision Shafts
- Two Outboard Ball Bearings
- Right or Left Hand Operation
- Replaceable Cover Plates



APCO is the highest development of the Turbine-Type Pump. No Metal-to-Metal contact. Handles NON-LUBRICATING liquids almost indefinitely without wear. Applicable for Water Supply, Boiler Feed, Condensation Return, Circulating, Transfer, Booster, Self Priming, Marine, Distillery, Dairy, Special Metal and "1001" Duties. Delivers with slight change in capacity against drastic head conditions.

AURORA CENTRIFUGAL PUMPS

A complete line, notable for streamline coordination between impellers and shells, including Horizontally Split Case, Single and Two Stage, Side Suction, Vertical, Non-Clog, Sump, Mixed Flow, Deep Well Turbines. Special Design, etc.

Write for
CONDENSED
CATALOG "M"



DISTRIBUTORS IN PRINCIPAL CITIES

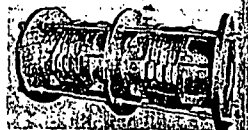
AURORA
PUMP COMPANY

50 Locust Street, AURORA, ILLINOIS

producing overlay hardness on copper alloy applies equally well to steel and various metals without dilution with metal during welding. Applications include bearings, gears, centrifugal pump globe or gate valves, oil-jet nozzles and other machinery where corrosion resistance is important. Eutectic Welding Alloy Corp., 40 Worth St., New York 13, N. Y.

Portable Welder

P & H MODEL W-200 WELDER, available as a trailer or stationary unit, is a NEMA rated machine at 200 amp, but has a welding service range from 30 to 250 amp. New feature is its extra power supply. Offered as optional equipment at an extra cost, the unit provides 115 v. alternating current at 115 v. single phase. This enables operators to hook-up electric lights for floodlighting while welding or permits the use of electric power tools. Welding Div., Harnischfeger Corp., 4400 W National Ave., Milwaukee 16, Wis.



Expansion Joint

NEW EXPANSION JOINT consists of two corrugated elements linked together by a section of pipe. Amount of lateral movement that can be absorbed depends on pipe length between corrugated elements. Expansion elements can be either of non-equalizing type for pressures up to 30 psi, or self-equalizing for higher pressures. Zalus Brothers & Johnson, 888 Locust St., Wilmington 99, Del.

Atmospheric Regulator

SERIES 18 SOFT-SEAT REGULATOR features tight shutoff when demand for gas flow ceases, by incorporating a soft, synthetic rubberized fabric facing on regulator valve head. Regulator supplies gas at pressures from 2 to 16 ps. It is made in sizes 1/4, 1/2, 1, 2, 2 1/2, and 3 in. with capacities ranging up to 16,000 and 19,000 cu ft per hr of natural gas and manufactured gas, respectively. North American Mfg Co., 4435 E 71st St., Cleveland 5, Ohio.

Solenoid Valve

NEW SOLENOID VALVE is compactly built for all hydraulic systems, or for handling any non-corrosive fluid. It has a maximum working pressure of 3000 psi, and electrical requirements of 6, 12, 24 or 36 v. d.c. with current consumption of 2.3 amp at 12 v. Valve is available with integral flow rate regulation. Waterman Eng'g Co., 721 Carter Ave., Evanston, Ill.

HERE is a quick-steaming unit expressly designed for maximum output in a limited space. Edge Moor design has combined a simple two-drum boiler bank, having perfect U-tube circulation, and a water-cooled furnace, integral with the boiler. Rapid response to load changes is assured by the great amount of surface exposed to radiant heat. This unit is adaptable to all fuels and is available in all sizes.

This and other types of Edge Moor boilers are available in a wide range of capacities, pressures and accessory equipment. Write for literature today. EDGE MOOR IRON WORKS, INC. Main Office and Works: Edge Moor, Delaware. Branch Offices and Agents: Atlanta, Boston, Chicago, Detroit, Hoboken, St. Paul, San Antonio and San Francisco.

- Edge Moor Vertical Flow Unit with Edge Moor superheater and air heater fired with continuous discharge spreader stoker, 40,000 lbs. steam per hour, 400 lbs. pressure, 750° F. total steam temperature.

Boilers by edge moor



Vertical Flow Bent Tube Boiler

edge moor

steam generating equipment

