

JEFFERSON FLANGE UNIONS

assure better piping jobs

These Unions provide a joint which when once set up can be depended on for leak-proof tightness with minimum application of wrench pressure. They are available in three styles as follows:

Style "B"—Three Part—Steam Pressure 300 lbs.
Style "D"—Two Part—Steam Pressure 350 lbs.
Style "E"—Two Part—Steam Pressure 300 lbs.

Ask your nearest distributor for further details or write us direct.

THE RECESSED BRASS SEAT

This feature, exclusive with Jefferson, provides a spherically ground brass to iron seat which is "recessed" in the fitting to avoid any chance of dislodging by threaded-in pipe ends and to assure unobstructed flow through the fitting itself.



Two Part Detail



Three Part Detail

JEFFERSON UNION CO.

601 West 26th St.,
Lexington 73, Mass.

New York 1, N. Y.
Lockport, N. Y.

STRONG • COMPACT • SMOOTH RUNNING

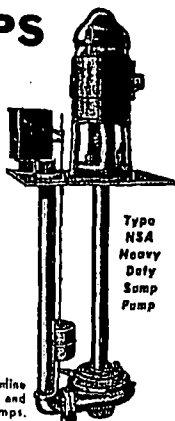
SUMP PUMPS "by Aurora"

A TYPE FOR EVERY REQUIREMENT • DRAINAGE • LIQUIDS HANDLING IN INDUSTRY • TRANSFER OF CHEMICALS & HOT LIQUIDS • SEWAGE • SPECIAL METALS FOR CORROSIVE LIQUIDS

Plant engineers are quick to extend their approval to Aurora Vertical Sump Pumps. A perfect combination of latest features, designed to deliver full satisfaction and the ECONOMY of EXTRA years of dependable performance.

Sump Pumps "by Aurora" are available in light duty, heavy duty, and non-clog in submerged (wet pit) type and dry pit type. We shall be glad to send complete descriptive literature.

ALSO A complete line of streamline design Aurora Centrifugal and Apco Turbine-Type Pumps.



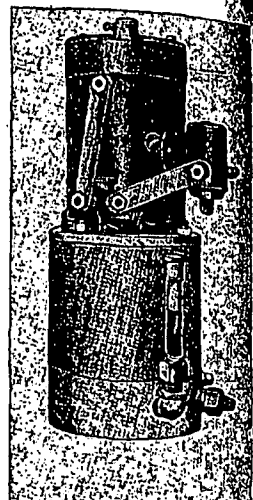
Type NSA Heavy Duty Sump Pump

Send for CONDENSED CATALOG M OR



DISTRIBUTORS IN PRINCIPAL CITIES
AURORA
PUMP COMPANY
50 Loucks Street, AURORA, ILLINOIS

designation 45.4-467, ASTM designation A298-467 tentative specifications for chromium and chromium-nickel steel welding electrodes. Westinghouse Electric Corp., P O Box 868, Pittsburgh 80, Pa.



Fluid-Power Unit

E209

Fluid-power unit is adapted to single cylinder, gravity or spring-return applications requiring up to 1 1/2-hp intermittent duty rating. Except for the ram, unit is a complete hydraulic system, including a 1/2-hp motor, pump reservoir, circulating oil filter, relief valve, check valve, electrically operated bypass valve and return flow regulator for constant rate of ram descent. Interchangeable pumps are available for pressures up to 2000 psi at 4 gpm or less. Models for 110 v. belt driven and double-acting cylinder actuation are also available. Jerome Hydraulics Co., 60 Ocean Ave., Lynbrook, N. Y.

Conveyors With Magnets

E210

Lightweight conveyors have adjustable chute that removes stray iron from bulk material being conveyed. The chute, which may be attached or detached as desired, has a powerful permanent magnet built into it. Magnet traps tramp iron to protect machinery from breakdowns, eliminate product contamination and reduce danger of fire and explosion. Magnet may be used with any nonmetallic material such as chemicals, grains, foods, coal, fertilizers, etc. Magnet, made of high-grade Alnico, is guaranteed for life. Maximum recommended speed for efficient operation of magnet is about 100 fpm.

Conveyors are available in lengths of 6 to 24 ft. in multiple lengths of 2 ft. Belt widths are 8 to 10 in. Conveyor is power

AIR EQUIPMENT TO HELP YOUR BUSINESS



EQUIPMENT FOR

VENTILATING

HEATING

COMFORT
COOLING

PROCESS
COOLING

AIR
TEMPERING

AIR
WASHING

EXHAUSTING

BLOWING

FORCED
DRAFT

INDUCED
DRAFT

PRESSURE
BLOWING

CLEANING

DRYING

BUILT-IN STAYING POWER for Power Plant Fans

"BUFFALO" Forced Draft, Induced Draft and Cinder Eliminating Fans are built RUGGEDLY. Rotors and housings are heavy steel plate bolt-riveted together for stiffness and strength. Bearings and shafts are extra heavy. To facilitate installation and maintenance all parts of the housings are readily disassembled.

BUFFALO EFFICIENCY FEATURES

Maintenance savings are carried through in continuous delivery of more air for your money! "Buffalo" blades are shaped for the highest efficiency — rotors are fully balanced for vibrationless performance. And you can pick the most economical sized fan for the job — the "Buffalo" range is complete. Write for data now!

BUFFALO FORGE COMPANY

488 BROADWAY

BUFFALO, NEW YORK

Canadian Blower & Forge Co., Ltd., Kitchener, Ont.

Branch Offices in all Principal Cities

CUTTING AIR COSTS IN EVERY BRANCH OF INDUSTRY