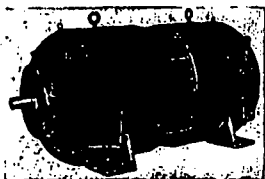


NEW PLANT EQUIPMENT



Totally Enclosed Motor E183

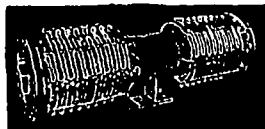
THIS FAN-COOLED, totally enclosed, squirrel-cage motor is rated at 350 hp and 3600 rpm. Having a normal starting torque, these motors are suitable for full-voltage starting.

Available for 3- or 2-phase, 50-cycle, 440-, 550- or 2300-v operations, they are especially designed for locations having excessive moisture or dust. Their windings are completely enclosed. Double-end ventilation assures maximum uniform cooling.

Similar motor is available at speeds of 1800 rpm and lower, with either sleeve or ball bearings. Burke Electric Co., Erie, Pennsylvania.

Liquid-Level Alarm E184

LEVELARM, a device to set off warning signals when liquid level in small boilers or various types of tanks reaches predetermined low or high levels, can be used on pressures up to 250 psi. An electric switch is operated through a permanent magnet when a metal float rises or falls in a separate float chamber. Switch can be wired for a normally open or normally closed circuit. Reliance Gauge Column Co., 5902 Carnegie Ave., Cleveland, Ohio.



Packaged Boiler E187

ELECTRICALLY HEATED steam generator, in capacities from 15 to 750 lb of steam per hour, affords a high thermal-efficiency boiler for plant and process use. A thoroughly insulated shell surrounds the electric boiler elements. Custom Engrg Co., 3138 W. Slauson Ave., Los Angeles 43, Calif.

Protective Coating E188

PENMACOTE can be applied by brush, spray or dipping to protect metal, wood, leather and fabric surfaces against moisture, acids, alkalis, etc. Material forms a tough transparent coating that remains flexible and highly resistant to abuse. Coating effectively seals and prolongs life of ordinary paints, lacquers and varnishes. It is available in one- and 5-gal cans, as well as in 50-gal steel drums. State Chemical Corp., 1265 Broadway, New York 1, N. Y.

Expansion Joints E185

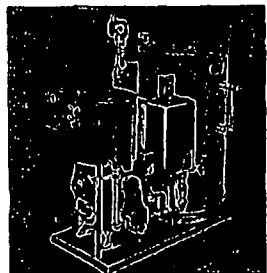
SELF-EQUALIZING, compression-distributing expansion joints employ several pantograph chains on outside edge of equalizing rings. Neutral points of the pantographs anchor in end fittings and intermediate equalizing rings. This arrangement is said to transmit any movement of end fitting of the

Duo equalizing joint to all equalizing rings and to move all rings the same relative distance at same time. Zollner Bros., Taylor and Locust St., Wilmington 99, Del.

Condenser Tube E186

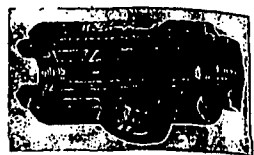
CUPRO-NICKEL 10%, No. 508 alloy condenser tube, not subject to dezincification, is recommended by its manufacturer for high-velocity, high-temperature, brackish-or-salt-water, and bad pollution service.

Tube composition is 88.5% copper, 10% nickel, 1.5% iron. Preliminary tests are said to indicate favorable performance in comparison with cupro-nickel, 30%, long recognized by the U. S. Navy as the highest-quality condenser tube available. Hovey Copper and Brass, Inc., 230 Park Ave., New York 17, N. Y.



Test Leads

IN CONVENTIONAL red and black color, these test leads are made in 48-in. retracted lengths that will extend to 20 ft. The 48-in. retracted coil may be cut into any desired length. Any type of test lead terminals may be used with these leads. Kolled Kords, Inc., Box K, Hamden, Connecticut.



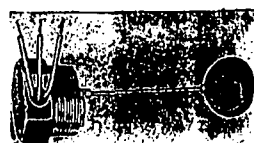
Water Heater E190

FLOWING COLD WATER can be heated by a low-cost device that permits mixing steam with flowing water. Safe-Fla is a solid cast-iron cylinder with an inlet for cold water, an inlet for steam and an outlet that delivers the resultant hot water at any desired temperature. Valve adjustment of cold-water and steam supply controls final water temperature.

A series of orifices within the cylinder admits steam to the flowing water, and boiling is said to occur without noise, vibration or back flash. Four sizes are available for pipelines of 1, 1 1/2 and 3 in. Duffy Engrg Co., Portland, Ore.

Rust Preventive E191

DRY, HARD-FILM SURFACE develops from application of flexible, nonporous rust preventive to metal surfaces. Rustproof is applied cold by dipping, spraying or brushing and dries in 15 min. It can be removed with any petroleum solvent. Available in packages from one gallon to 55. Kano Laboratories, 75 E. Wacker Drive, Chicago 1, Illinois.



Float Switch E192

MAKNEWITCH is a magnetic proximity switch containing an Alnico permanent magnet. The single-pole double-throw switch has no direct mechanical linkage with the float part of the mechanism. It provides snap action control for liquid-level installation. Switch handles no more than 1/2 hp. Standard units include

If it's power piping equipment it's in the CRANE line

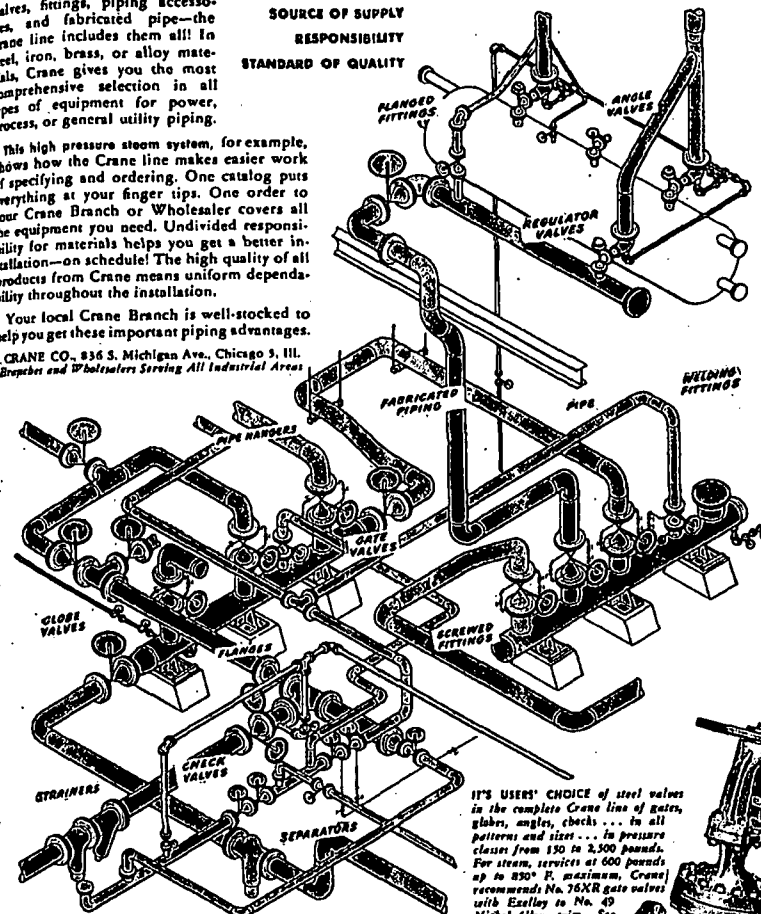
Valves, fittings, piping accessories, and fabricated pipe—the Crane line includes them all! In steel, iron, brass, or alloy materials, Crane gives you the most comprehensive selection in all types of equipment for power, process, or general utility piping.

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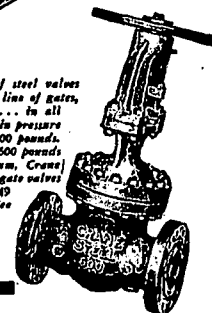
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