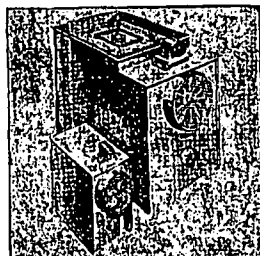


Equipment Continued

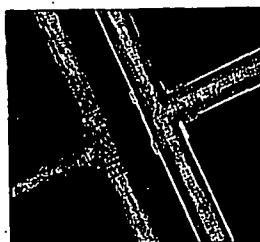
to be carried safely. The transformers are available with ratings of from 3 through 50 kva for 240 to 120-240 v.; 480 to 120-240 v., or 600 to 120-240 v., single-phase, 60-cycle. Westinghouse Electric Corp., Pittsburgh 30, Pa.



Cooling Tower

E280

ALL-STEEL, integral-welded casing with nail-less redwood filling features new line of Aquatowers built to answer demand for packaged units to handle up to 50-ton refrigeration. Unit is sent out completely assembled and comes in two general styles, and seven sizes ranging from 3 to 50 tons. Marley Co., Kansas City 15, Kan.



Pipe Fittings

E281

FLACC-FLOW BRONZE FITTINGS are threadless for brazing to IPS brass or copper-base alloy tubing or pipe. Fittings are applicable for 150-psi working steam pressure at 450 F., or 300 psi non-shock cold water, oil or gas lines. Full strength of the pipe is utilized, since there is no loss of wall thickness by threading. Fitting tends to reduce turbulence because internal diameter is the same as internal diameter of the pipe or tubing. It can be used to great advantage in confined space

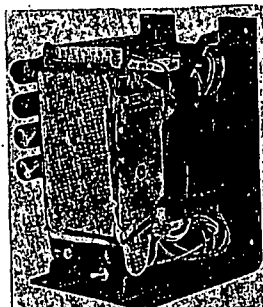
where it is difficult to use a pipe wrench. Bronze fittings are an addition to the threadless malleable-iron fittings produced by the same company. Stanley C. Flagg & Co., 1421 Chestnut St., Philadelphia 2, Pa.

Gas Burner Safeguard

E282

ELECTRONIC, flame-failure protection and semi-automatic ignition control for gas-burning equipment, as well as oil-fired ones having gas pilot lights, comes from Fireye System FF-6.

It includes an electronic flame rod mounted on the burner plate and projecting into the fire chamber. The rod tip impinges on pilot or main gas flame. When flame falls the rod signals this condition through wire connections to a central system. This control shuts off the fuel and can, if desired, trigger an alarm. Combustion Control Corp., 77 Broadway, Cambridge 42, Mass.



Recording Wattmeter

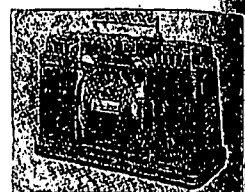
E283

CONSISTING OF a high-speed photoelectric recorder and a newly designed wattmeter measuring unit, this instrument measures dc or ac power. It is particularly suitable for analyzing welding circuits and measuring industrial heating load, motor-starting load, and power surges.

The wattmeter has a linear scale and is available for portable service or for semi-flush mounting. Chart speeds of a half in. per hour up to 72 in. per min. can be obtained by using different combinations of chart carriers and rate gears. When calibrated for use on 60-cycles, it may serve over the entire range of from 60 to 10,000 cycles at unity power factor, with an error of plus or minus 5 per cent. Current rating is either 5 or 10 amp, and the potential circuit 110 or 240 v. Current and potential transformers may be used to extend this range. General Electric Co., Schenectady 5, N. Y.

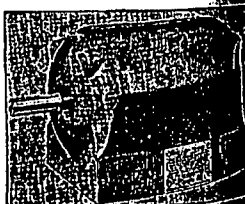
Alloy Valve Stem

TYPE RSB, AND ALLOY "6" minimize valve-stem thread trouble, formerly a major cause of valve failure. In addition to its wear and abrasion resistance, the new alloy is said to resist corrosion and desiccification. Lunkenshain Co., Cincinnati, Ohio.



Air Compressor

PORTABLE fractional horsepower air compressor is designed especially to eliminate all contact or contamination of the oil with lubricating oil. Model 17C delivers 4.4 cfm at 40 psi, and is powered with 1-hp electric motor. Sealed ball bearings eliminate necessity of oiling and prevent burned-out bearings. Entire machine is encased in welded steel frame for portability—a new feature of compact design. B.C. delivers 2.2 cfm at 25 psi, and is powered with a 1-hp electric motor. A forced-feed oil system assures positive lubrication. Both compressors are portable, adaptable for low-pressure, high-work where dependable, quality performance is needed. Kellogg Div., American Brake Shoe Co., Rochester, N. Y.



Sanitary Motor

STREAMLINED and free of cracks, crevices or depressions where milk or food can collect, this motor is used for dairies, food-process, canning, and other plants. Its totally enclosed, ventilated construction, preventing vermin into the motor when it is down, is a feature of the small motor. Motors of larger rating are also available, as well as having removable

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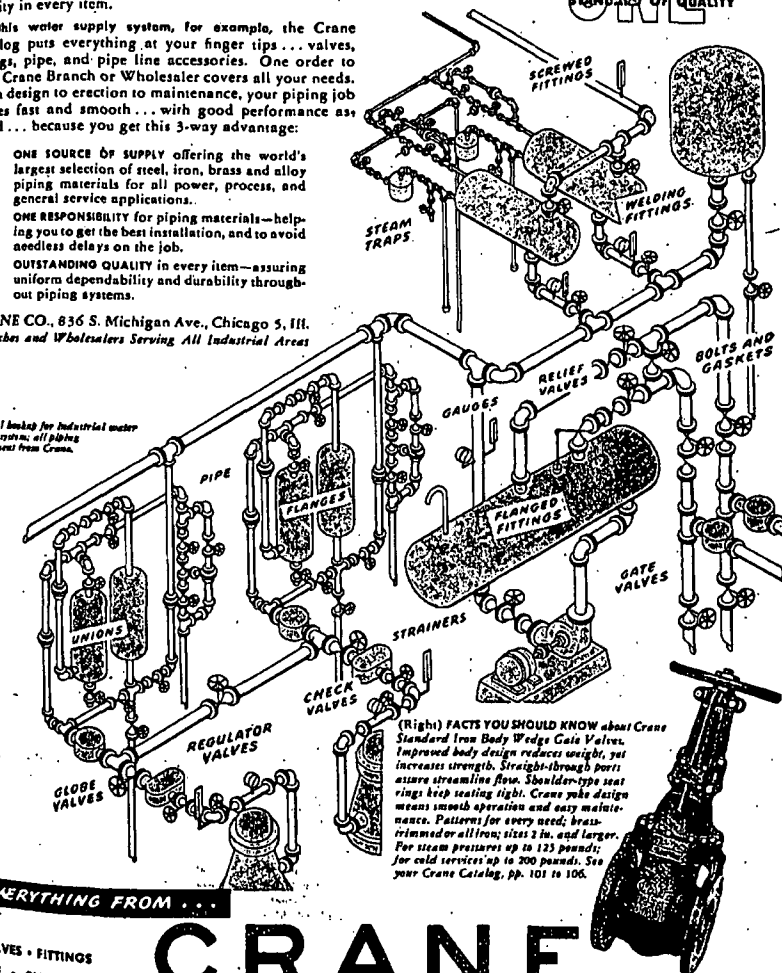
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