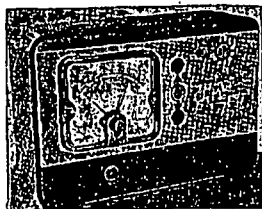


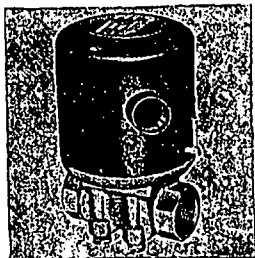
Equipment Continued

pressure when valve is wide open. Specific working recommendations allow the valves to be used with saturated steam at working pressures up to 100 psi and for water pressures up to 125 psi at 200 F. For such conditions the solder joint must be made with high-melting-point solder. Crane Co., Chicago, Ill.



Pyrometer E294

SIMPLYTHOT indicating and controlling pyrometer operates on the recently developed Micro-Contact principle. Micro-Contact circuit is interrupted every few seconds, but closes again immediately if temperature is still up to control point. If temperature has dropped below control point, the contacts remain open and time-delay load-control switch closes. Load-control switch is rated at 10 amp, 125 v. Indicators are calibrated in both Fahrenheit and Centigrade, and are available in standard ranges of 0 to 2500 F, and 1370 C; 0 to 1500 F, and 800 C; 0 to 500 F, and 260 C. Pyrometer operates from regular 110- or 220-v ac, or 110-v dc circuit. Assembly Products, Inc., Main & Bell St., Chagrin Falls, Ohio.



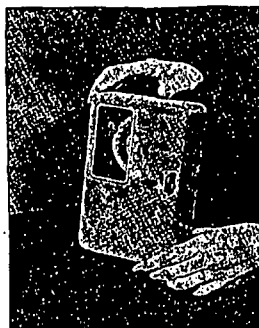
Magnetic Gas Valve E295

HERMETICALLY SEALED magnetic gas valve, Model K3H, combines advanced design and operational features to eliminate gummy or foreign matter deposits forming in the solenoid and restricting plunger

operation. Diaphragm construction seals operating mechanism from the fuel gas without interfering with valve operation. Valve closes automatically upon current failure. Opening and closing gas-fuel supply in response to room thermostats, limit controls or similar devices, the valve is adaptable to gas-fired boilers, industrial furnaces and conversion burners. Valve is available in sizes $\frac{1}{2}$ to 1 $\frac{1}{2}$ in., inclusive. A simple lever-opening device permits setting the valve in open position if current fails. Same lever may be used to close the valve manually. Upon resumption of current flow, an electric trip automatically returns valve to normal. General Controls Co., 801 Allen Ave., Glendale 1, Calif.

Flue Cleaner E296

Reinforced Swedish spring steel blades have 44 cutting edges that shave off flue dust accumulations, claims its manufacturer. Assembly mounts on an octagonal steel shaft and connects to any first-flue cleaning rod. Goodert Flue Shaver Co., 609 Madison St., Oak Park, Ill.



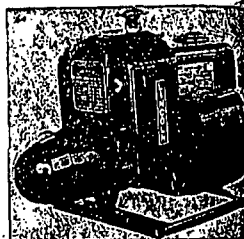
Time Switch E297

THIS NEW TIME SWITCH may serve in stores to operate window lights and in industry for controlling ovens and other small equipment. The switch is known as Type T-47, rated 35 amp at 115 and 230 v.

Designed for on and off timing of a single circuit, the new switch will perform one on and one off operation during any 24-hr period, and will continue to do so daily without adjustment. Silver snap-action contacts are fitted in the single-pole, single-throw mechanism of the switch. It is equipped with a large 24-hr clock dial easily read and adjusted. Manual operation of either on or off is possible independently of automatic setting already placed on the dial. Switching cycle is resumed automatically after hand operation is completed. General Electric Co., Schenectady 5, N. Y.

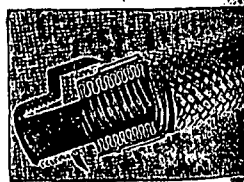
Shaft Seal

TYPE PS MECHANICAL SEAL may be installed on practically any type of pump, mixer or like equipment having a rotating shaft. No special sleeves are required, and the seals can serve on either motor or turbine-driven equipment. Seal is easily installed in conventional stuffing boxes on new or old equipment, only packing space is required. It provides dry sealing for propane, butane and other hydrocarbons. No auxiliary lubrication system is needed. DuraMetallic Co., Kalamazoo, Mich.



Portable Welder E299

GASOLINE ENGINE-DRIVEN, lightweight, portable machine is air-cooled with adjustable speed for control of welding current (20 to 180 amp). Lincolner, 2 ft wide, 2 ft high and 4 ft long, weighs 502 lb. has an output panel with three range output current. Lincoln Electric Co., Cleveland 1, Ohio.



Quick-Soldered Coupling E300

FLEXIBLE-HOSE SOLDERED COUPLINGS in service where temperatures do not exceed 300 F. Couplings are available either assembled on hose in factory or can be chased separately and assembled on the Coupling is a 2-piece male type inserted in a male body and loose collar. Collar is designed so that when the hose is cut by the hand tight, to prevent unraveling and slipping, thus producing a hose end ready for soldering. When soldered body coupling, it becomes one solid

(Continued on page 134)

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