GENERAL CONTROLS

1505 BROADWAY
CLEVELAND, OHIO

1368 HARRISON ST.
SAN FRANCISCO, CALIF.

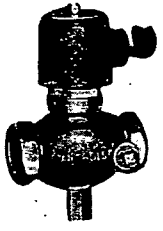
DEPENDABLE CONTROL OF TEMPERATURE-PRESSURE-FLOW

There is a GENERAL magnetic valve specifically designed to control each fluid and gas. For example, the GENERAL K-10 lever action gives it the power to operate dependably on oils as heavy as No. 6. The K-15 handles refrigerants without corrosion; the B-6 is particularly adapted to zone control; the K-3B is characteristically suited to gas; the K-12 to ammonia, etc. Please write for complete catalog.

MAGNETIC GAS VALVE TYPE K-3B

Primary Applications—Controlling gas to hot-air furnaces and industrial boilers; safety shut-off.

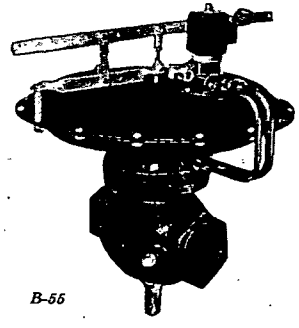
The GENERAL K-3B is a two-wire, straight-magnetic, current-failure valve of packless construction. Closing with the flow, the pressure is on top of the seat, insuring a tight shut-off, indefinitely. Solenoid is absolutely humless—a feature originated by GENERAL CONTROLS. Manual by-pass allows for opening in case of prolonged current failure. Terminal boxes may be turned in any direction to facilitate wiring.



K-3B

ELECTRIC SLOW OPENING GAS VALVE—TYPE B-55

Primary Application—Simultaneous control of gas flow and damper opening.

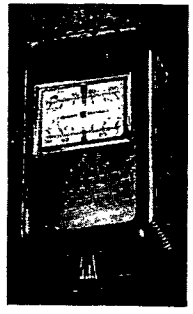


B-55

The B-55 is a diaphragm valve with an adjustable opening time of from 5 to 60 sec., using the GENERAL current-failure solenoid as the pilot valve.

THERMOSTAT—THE METROTHERM

Adjustable heat acceleration is featured in this beautiful new METROTHERM. Low thermal inertia guarantees instant response to small temperature change and eliminates under- and overshooting of set temperature. Luxuriously finished in sprayed silver and chrome.



REFRIGERANT CONTROL TYPE K-15

Primary Applications—Controlling the flow of methyl, SO Freon or Brine, water, air, gases.

The GENERAL K-15 is a full-ported, current-failure, pilot-operated solenoid valve of packless construction. Closes with the pressure on top of the seat, giving an absolutely tight shut-off. All materials are adapted to refrigerants and are non-corrosive.

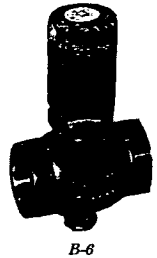


K-15

SEMI-BALANCED—TYPE B-6

Primary Applications—For water, air, gas, oil; zone control.

The GENERAL B-6 is a semi-balanced, current-failure solenoid valve valuable in the automatic regulation of large flows. Specifically designed for zone control in hot water heating systems. Humless and quiet in operation.



B-6

The Mercoid Corporation

SOLE MANUFACTURERS OF THE MERCOID SWITCH

CHICAGO, ILL.	NEW YORK, N. Y.	BOSTON, MASS.	PHILADELPHIA, PA.
4201 Belmont Ave.	90 West Street	25 Ivy Street	3137 N. Broad Street

COMPLETE LINE OF AUTOMATIC CONTROLS AND MAGNETIC VALVES FOR HEATING AND AIR CONDITIONING



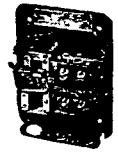
The selection of the right kind of controls is of supreme importance for any type of automatic equipment. All Mercoid Controls are equipped with sealed mercury contact switches. These switches cannot be affected by dust, dirt or corrosion. Mercoid Controls are dependable under all operating conditions. They require little labor for installation or time for making proper adjustments. Write for Catalog No. 100AS.

SENSATHERM



Extremely sensitive thermostat which requires no artificial stimulation to maintain an even room temperature. Operates on temperature variation of ½° above or below point set (total differential 1° F). Small in size, neat in appearance and unfailing in performance.

TRANSFORMER-RELAY



A low voltage transformer-relay but also operates as a mercury contact repulsion relay. Does not hum or chatter. No residual magnetism. Designed to meet severe service conditions encountered with automatic operating equipment.

Write for Bulletin 110G.

PRESSURE CONTROL



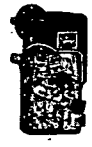
These instruments are not only reliable over a long period of years, but they are also easy to install and adjust for all operating conditions. Available for steam, hot water and warm air furnaces. These instruments represent a great saving in time as it is not necessary to do any figuring.

COMBINED PRESSURE AND LOW WATER CONTROL



These instruments guard against the hazard of building up excess pressure or firing into dry boilers. Have visible calibrated dials which show the pressures at which instruments are set to operate. Easy to install and adjust. Every automatically fired steam boiler needs this protection.

SAFETY CONTROLS



"K" line controls have a number of desirable features which make them pre-eminent in the field. KMI illustrated herewith, is for burners employing intermittent ignition. Other types available. These controls offer positive protection against flame or ignition failure.

STOKATHERM



This stoker control operates stoker for only the very shortest periods necessary to maintain a fire while thermostat is off. Prevents overheating and saves fuel. Automatically stops stoker in case fire goes out. A Mercoid Stok-A-Timer is also available where a reliable stoker timer is required.