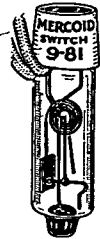


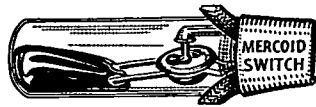
The Mercoid Corporation

Main Office and Factory, 4201 BELMONT AVENUE, Chicago 41, Illinois
 NEW YORK OFFICE, 205 EAST 42ND ST. PHILADELPHIA OFFICE, 3137 N. BROAD ST.
**AUTOMATIC CONTROLS FOR HEATING, AIR-CONDITIONING,
 REFRIGERATION AND VARIOUS INDUSTRIAL APPLICATIONS**

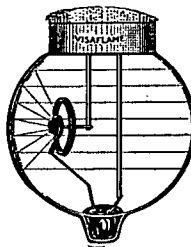
MERCURY SWITCHES BY MERCOID



Magnetic Type



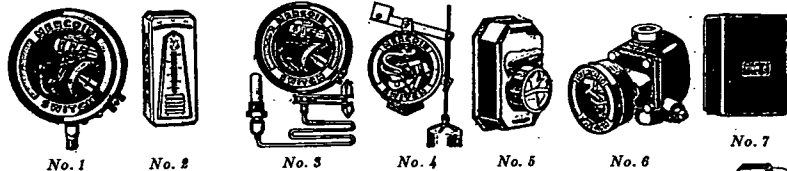
Tilting Type



Light Actuated Type

There are three primary operating types of Mercoid Mercury Switches:—1. **MAGNETIC TYPE**, applied in a stationary position. Circuit is opened or closed with magnetic attraction by means of a permanent magnet or a small milli-ampere electromagnet. 2. **TILTING TYPE**, a variety of sizes, electrical capacities and arrangements available. 3. **LIGHT ACTUATED TYPE**. These switches are immune to dust, dirt or corrosion.

THE 100% MERCURY SWITCH EQUIPPED CONTROLS



No. 1. Pressure Controls Noted for their accuracy and dependable performance. The outside double adjustment feature and visible dial eliminate all guesswork when setting the operating range. Various ranges and circuits available.

No. 2. Low Voltage Thermostats Mercoid Sensatherms operate on a total differential of 1 degree F. Type H is the popular room thermostat. Type DNH is a hand wound day and night thermostat. Type HBH is a two-stage thermostat for control of high-low gas or oil burners.

No. 3. Temperature Controls Available with or without remote connection for use with liquids or gases such as air, oil, water or distillate vapors. Equipped with a Bourdon tube and outside double adjustments.

No. 4. Lever Arm And Float Controls The lever arm type is used where it is desired to mechanically open and close electric circuits. The float type is used to maintain fluid levels in tanks, or for control of sump pumps, etc.

No. 5. Line Voltage Thermostats No. 855 thermostats will directly handle the full motor load without the use of a relay. Available with "on-off" manual switch for unit heater applications.

No. 6. Low Water Controls Available as a combination pressure and low water control or as a low water control only. May be furnished with quick-hook up fittings designed in accordance with the ASME code.

No. 7. Transformer-Relays Type V is a reliable low voltage mercury contact relay which also acts as a transformer inducing low voltage (24 volts) on the pilot circuit. Available in various voltages, cycles and circuits.

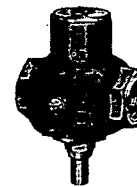
No. 8. Visaflame Control For domestic and industrial oil burners. Operates direct from the light of the flame instead of from the heat in the stack. It may be built into the burner unit.

Milwaukee Gas Specialty Company

730 North Jackson St., Milwaukee 2, Wisconsin

BASO* THERMOELECTRIC SAFETY PILOTS

Straight through valves with one pilot tapping each side. Cast, heat treated aluminum alloy bodies with replaceable electromagnet hood assemblies and reset assemblies. 100 per cent shutoff safe lighting.

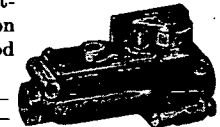


A 814

Model	Inlet	Outlet	Pilot Tapping	Capacity Btu/hr.	Thermocouple Type
A814-1	1/4" F.P.T.	1/2" F.P.T.	1/4" F.P.T.	80,000	88D
A814-2	3/8" F.P.T.	3/8" F.P.T.	1/4" F.P.T.	101,000	88D
A814-3	1/2" F.P.T.	1/2" F.P.T.	1/4" F.P.T.	130,000	88D
A505-1	1" F.P.T.	1" F.P.T.	1/2" F.P.T.	280,000	58D
A505-1	1 1/4" F.P.T.	1 1/4" F.P.T.	1/2" F.P.T.	329,000	58D

Straight through low height valves with built in plug cock for main burner and pilot burner control. 100 per cent shutoff and safe lighting. With or without pilot adjustment on either side. Model 841 has special plug head for single rod control of floor furnaces. Uses 88D thermocouple lead.

Model	Inlet	Outlet	Pilot Tapping	Capacity
840-1	1/4" F.P.T.	1/2" F.P.T.	1/4" C.C.	85,000
841-1	1/4" F.P.T.	1/2" F.P.T.	1/4" C.C.	85,000
A842	1/2" F.P.T.	1/2" F.P.T.	1/4" C.C.	165,000



840



830 Switch

Electrical Rating:
 .3 Amps at 250 A.C.

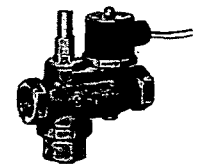
.06 Amps at 230 Volts D.C.

Uses 88D thermocouple lead

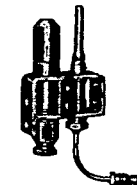
Switch Type Baso is wired in series with automatic gas valve and other controls. Opens circuit to main valve in case of pilot failure. Main burner cannot be lighted until pilot is operating and switch held in closed position.

Basoid valves include in one cast brass body a solenoid valve for automatic main gas control and a 100 per cent shutoff safety pilot unit similar to Models A814 or A505. Available in many current types. Two pilot tappings. Series C Basoid in 3/4 in. size only.

Model	Inlet	Outlet	Pilot Tapping	Current Type	Capacity	Couple Lead Type
B4411	1/4" F.P.T.	1/2" F.P.T.	1/4" F.P.T.	115V, AC	159,000	58D
B4511	1" F.P.T.	1" F.P.T.	1/4" F.P.T.	115V, AC	189,000	58D
B4451-B1	3/4" F.P.T.	3/4" F.P.T.	1/4" F.P.T.	20V, AC	159,000	58D
B4551-B1	1" F.P.T.	1" F.P.T.	1/4" F.P.T.	20V, AC	189,000	58D
C4411	1/4" F.P.T.	1/2" F.P.T.	1/4" F.P.T.	115V, AC	94,000	88D



Basoid



* Reg. U. S. Pat. Off.

ANNULAIR PILOT BURNERS are available in a variety of tips and dual orifice inlet fittings for all kinds of fuel gas and pilot line connections. They are made in four types, "B" for low consumption appliances, "C" for medium consumption, and "D" and "F" for larger capacity appliances. Thermocouple leads of the 88D and 58D types are available in standard lengths from 12 in. to 72 in. and in special lengths to 240 in.

Write for complete catalog SV-300-3.