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

100% MERCURY SWITCH EQUIPPED CONTROLS

STEAM PRESSURE CONTROLS



Type DA-31 Circuit opens on pressure rise. For application where pressures change slowly. Equipped with outside double adjustments for setting cut-in or cut-out points. Elec. Cap.—a-c or d-c 10 Amp. 115V; 5 Amp. 230V. ¼ in. IPS connection. Ranges 0–14 lb, 0–30 in. vac., 10 in. vac.—12 lb, 0–20 lb, 0–35 lb, 0–60 lb, 0–100 lb, higher ranges available.

Type DA-21 Circuit opens on pressure rise. For applications where pressures fluctuate rapidly. Similar to Type DA-31. Electrical Capacity same as DA-31 above. Ranges available to 2,500 lb.

HOT WATER TEMPERATURE CONTROLS



Type 437 Circuit opens on temperature rise. Bimetal operated (back angle immersion well type) used as a high limit for hot water boilers. Equipped with outside double adjustment for setting cut-in or cut-out operating points. Electrical Capacity—a-c or d-c 10 Amp. 115V; 5 Amp. 230V. Connection ¾ in. IPS Ranges 80–240 F and 40–200 F.

Type DA-36 (straight stem) Circuit opens on temperature rise. For immersion applications where bulb is directly installed into boiler water. Equipped with outside double adjustments. Electrical Capacity same as 437 above. Connection ½ in. IPS Immersion bulb 3 in. long. Ranges 100–200 F and 135–235 F.

WARM AIR TEMPERATURE CONTROLS



Type M-41 Limit Control. Equipped with outside adjustments for setting cut-in and cut-out operating points. Range 70–310 F.

Type M-43 Fan or Blower Control has outside adjustments together with summer switch used for ventilating purposes during summer. Range 50–300 F. Electrical Capacity all types a-c or d-c 115V. 10 Amp; 230V, 5 Amp.

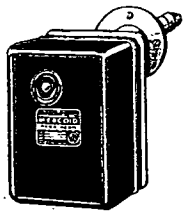
ROOM THERMOSTATS



Type H, opens circuit on temperature rise (low voltage). Regulates heating equipment from True Room Temperature without the aid of artificial stimulation. The Mercoid switch is unaffected by dust, dirt or lint. The cover has a jewel hard alumilite finish that will last a lifetime. Electrical Capacity 3/10 Amp, at 24V. or less. Ranges 55–85 F and 65–95 F.

Type R same as above except circuit closes on temperature rise.

OIL BURNER PRIMARY CONTROLS



Type JMI (intermittent ignition) stack mounted safety ignition control provides complete protection against flame or ignition failure—low line or power failure protection.

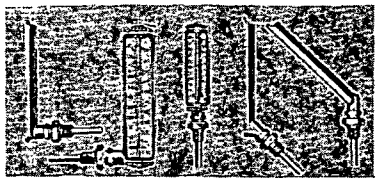
Type JM (constant ignition) same as above except that no ignition switch is employed. Electrical Capacity a-c 10 Amp. 115V; 5 Amp, 230V.

Write for Catalog No. 800ASHV.

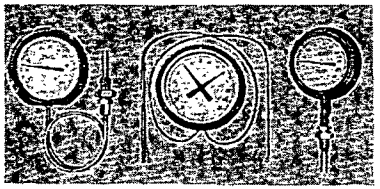
Moeller Instrument Company

132nd St. and 89th Ave., Richmond Hill 18, New York
Representatives in Principal Cities

INSTRUMENTS FOR HEATING AND VENTILATING



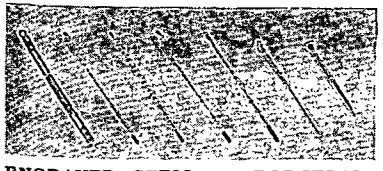
MOELLER INDUSTRIAL THERMOMETERS made in all forms, in scale ranges from minus 120 to plus 1125 F or its equivalent in centigrade. Available in 5 in., 7 in., 9 in. and 12 in. scale sizes.



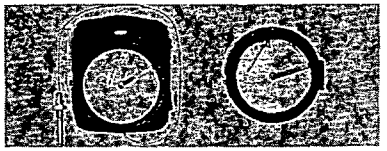
DIAL INDICATING THERMOMETERS, Mercury Actuated, made in 4½ in., 6 in. and 8½ in. sizes with flexible extension tubing. Scale ranges from minus 40 to plus 1000 F or its equivalent in centigrade.



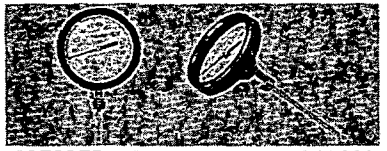
THERMOMETER TESTWELLS, THERMOCOUPLE PROTECTING TUBES and WELLS, made up in all sizes and alloys.



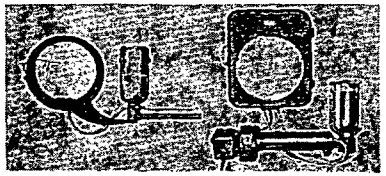
ENGRAVED STEM and PORCELAIN and PAPER SCALE THERMOMETERS made in ranges from minus 150 to plus 1125 F or its equivalent in centigrade.



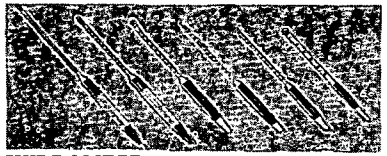
RECORDING THERMOMETERS, Mercury Actuated, made in the round or rectangular cases. Charts 10 in. or 12 in., 1 hr, 12 hr, 24 hr or 7 day. Ranges from minus 40 to plus 1000 F or its equivalent in centigrade.



MOELLER BI-METAL THERMOMETERS are actuated by a powerful, specially processed bi-metal helix. Made in 3 in. and 5 in. diameter cases. Scale ranges from minus 150 to 1000 F or its equivalent in Centigrade.



RECORDING PSYCHROMETERS, Mercury Actuated. Round and Rectangular Case, 12 hr, 24 hr or 7 day charts, self contained or remote reading, with or without motor driven fan.



HYDROMETERS PLAIN FORM or COMBINED with THERMOMETER. Made in all scales. Standard and commercial grades.

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