

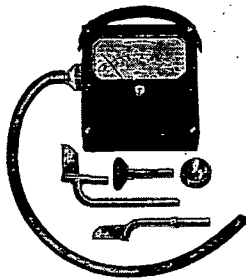
Illinois Testing Laboratories, Inc.

Room 516, 420 N. La Salle St., Chicago 10, Ill.

Alnor

Precision Instruments for Every Industry

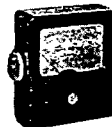
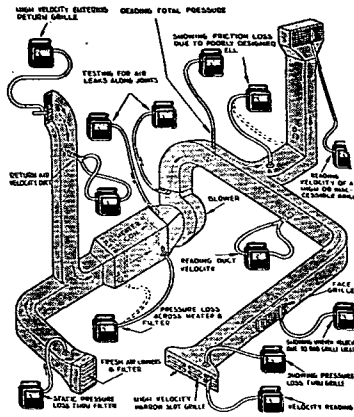
The direct-reading ALNOR VELOMETER



TYPE 4-F Standard minimum set for heating and air conditioning air velocity measurements.

The Alnor Velometer is an instantaneous, direct-reading air velocity meter designed for convenient, rapid determination of air velocities in air conditioning, heating and ventilating, and exhaust systems. It gives instantaneous direct readings in feet per minute, without timing, calculations, or reference to tables or charts. Accurate information on performance of equipment, duct systems, etc., can be obtained with a few moments inspection with the VELOMETER. It can be effectively used to locate drafts and leaks around windows and doors, or in duct systems.

The Alnor Velometer is built in several standard ranges from 20 fpm to 6000 fpm, and up to 3 in. static or total pressure. Special ranges available as low as 10 fpm and up to 25,000 fpm velocity and 20 in. pressure.



Alnor Velometer, Jr. A miniature, direct reading Velometer—4 in. high, 3 in. wide, 1-1/4 in. deep. Weight, 8 oz. Accurate, strong. Available in single and double scale ranges: 0-200 to 0-2500 fpm. Bulletin 725



Alnor Thermo-Anemometer. For accurate measurement of low air velocity. Compact, direct-reading, battery operated, self-contained, portable. Scale 6 in. Meter range, 0-600 fpm. Accurate readings as low as 5 fpm. Temporary Bulletin 913-A.

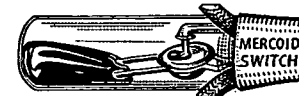
The Mercoid Corporation

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

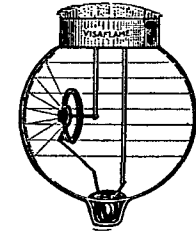
MERCURY SWITCHES BY MERCOID



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. Adaptable for numerous applications where open contacts are not suitable.

THE 100% MERCURY SWITCH EQUIPPED CONTROLS

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.

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.

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.

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.

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.



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.



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 A.S.M.E. code.



VISAFLEAME 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.

