

Julien P. Friez & Sons

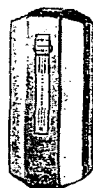
(Division of Bendix Aviation Corporation)

Baltimore
Established



Maryland
in 1876

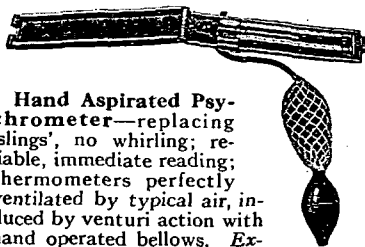
Manufacturers of a Complete Line of Automatic Electric Controls for Industrial and Comfort Applications. Also a Complete Range of Recording and Accurate Measuring Instruments for Indoor and Outdoor Applications



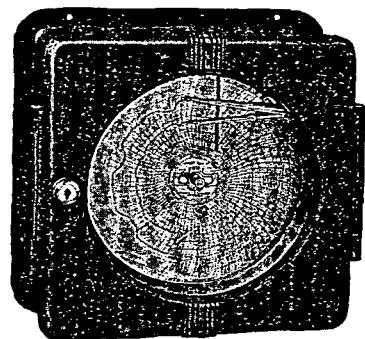
Humidstat—accurate for long periods and over complete range: double length human hair element. Bulletin AA.

Thermostat—sensitive, accurate for highest grade work. Bulletin TT.

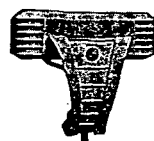
Comfortrol—effective temperature Thermostat resetting itself as prevailing humidity varies, using human hair compensating element. Exclusive. Bulletin E.



Hand Aspirated Psychrometer—replacing 'slings', no whirling; reliable, immediate reading; thermometers perfectly ventilated by typical air, induced by venturi action with hand operated bellows. Exclusive. Bulletin S.

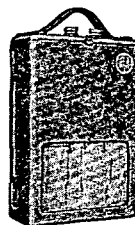


Remote Reading Temperature and Humidity Recorder—Electrically operated; humidity uniquely recorded from distant location directly in percent relative. Exclusive. Bulletin R.



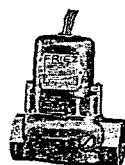
Windowstat—placed at window indoors, positively preventing condensation from excess humidity. Controls humidity supply just below critical point as outdoor temperature varies. Exclusive. Bulletin W.

Portable-Recorder—for surveys or tests of humidity and temperature. Inked records on charts the size of filing cards (3" x 5"). Exclusive. Bulletin G.



Microstat—Small sized thermostat, featuring powerful Alnico magnets. Though priced with the lowest, unsurpassed for accuracy and fine appearance. Bulletin TM.

Magnetic Gas Valve—New principle, free floating disc, no diaphragm; quiet, durable; range of sizes; low priced, low voltage, especially suited for control by Microstat pictured above. Exclusive. Bulletin VG.



Hydraulic Action

A new and complete line of controls for warm air, hot water and steam systems, industrial ovens, space heating, air conditioning and refrigeration. Permanently accurate, rugged, at competitive prices. Bulletins CR, LC and TS and Data Sheet 225.

Write for Bulletins

MODERN ADVANCED CONTROLS FOR MODERN NEEDS

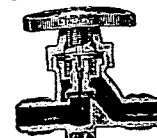


Henry Valve Company

1001-19 North Spaulding Ave., Chicago, Ill.

Manufacturers of

Complete line of Dryers, Strainers and Line Valves for Freon, Methyl Chloride and Sulphur Dioxide. Also Ammonia Valves and Forged Steel Fittings.



Balanced-Action Diaphragm Packless Valves

VALUE OF BALANCED ACTION

Regardless of operating conditions or the differential in the pressure above and below the valve seat, "balanced-action" assures positive and instantaneous opening. The balancing action is really the equalizing of the pressures on the two sides of the valve seat at the instant of opening. This is accomplished by a channel in the axis of the valve stem. When the valve is closed, the upper port of this channel is sealed by the diaphragm assembly itself. At the instant of opening, the pressure above the seat forces the diaphragm assembly upward, exposing the upper port of the balancing channel. The pressure is released through the channel to the region below the seat, equalizing the pressures, thus assuring positive opening. A spring-tensioned ball check seals the channel for diaphragm inspection.

Other important features are Ovaline handwheel, ports - in - line, non - rotating bearing plate to protect diaphragm from rotating friction of stem, and use of multiple puncture and fracture-proof diaphragms designed to resist wear and corrosion. Available in a complete range of sizes with flare and solder connections.

ABSO-DRY PRESSURE SEALED DRYERS

For Refrigeration and Air Conditioning

The exclusive Henry vacuum process first removes every trace of moisture, then the dryer is charged with dehydrated air. Loosening a seal cap prior to installation produces hissing sound, a guarantee of original factory dryness and freedom from leaks.

OTHER FEATURES OF HENRY DRYERS—Perforated Dispersion tube is connected to inlet port and exposes entire volume of dehydrant to penetration by refrigerant. Minimum pressure drop. No channelling. Compression Spring main-

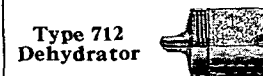
tains uniform tension on dehydrant at all times and compensates for changes in volume. Soldered or Flanged Shells—models are available with either soldered cap or flanged end shells. Flange is distortion-proof. Shells not exceeding 5½ in. in length are drawn in dies, so that they have only one joint.

FOUR DEHYDRANTS—Choice of following dehydrants at same price: Activated Alumina, Calcium Chloride, Calcium Oxide and Drierite. Silica gel is supplied at a slight premium.



Type 744
Cartridge
Dehydrator

A flanged shell dehydrator with replaceable cartridge.



Type 712
Dehydrator

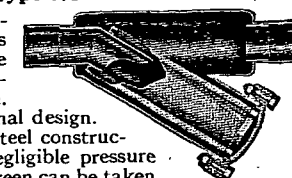
Soldered brass shell dehydrator with dispersion tube and compression spring.

HENRY STRAINERS

There is a size and type of Henry Strainer for every installation requirement.

Type 895 "Y" Strainer

With solder fittings for use with copper pipe.

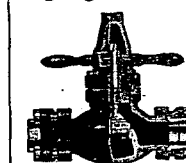


Exceptional design.

Welded steel construction. Negligible pressure drop. Screen can be taken out for cleaning without removing strainer from line. Very large screen area. Light weight. Baffle prevents heavy particles injuring screen.

WING CAP VALVES

Designed especially for Freon and Methyl Chloride. Have patented rotating self-aligning stem disc.



Special resilient packing. May be repacked under pressure. Wing cap can be inverted and socket used for operating valve. Screw end, soldered and flanged connections.