

THE POWERS REGULATOR CO.

Over 60 Years of Automatic Temperature and Humidity Control



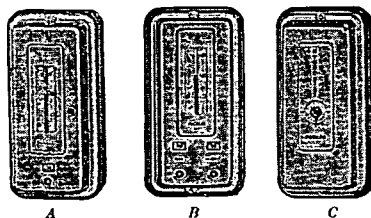
Factory and General Offices: Skokie, Ill.

Offices in Over 60 Cities, U.S.A., Canada and Mexico, see your phone book.

New York 17, N. Y.
231 E. 46th St.
Los Angeles 26, Cal.
3200 W. Temple St.

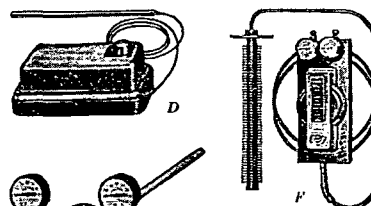
Chicago 13, Ill.
3819 N. Ashland Ave.
Toronto Downsview, Ont.
15 Torbarrie Road

Export Div.
Ameresco Inc.
Montclair, New Jersey
33 Watchung Plaza

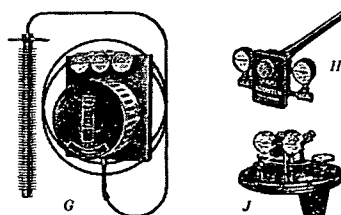


Some of the many controls employed in a Powers pneumatic control system for heating, ventilating, air conditioning and industrial processes are shown here. Controls for water heaters, fuel oil pre-heaters and heat exchangers appear on third page.

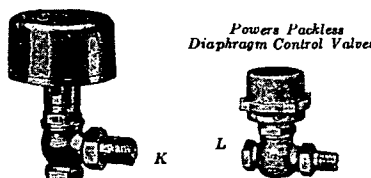
Powers Thermostats have true gradual action with no constant bleed of compressed air. They give many years of dependable control with practically no maintenance. Various types for specific applications are available. Some are shown at left.



A) Type D Single temperature range room thermostat has durable stamped brass cover and plastic insulating base. Because of its small size $5\frac{1}{2}$ H x $2\frac{1}{2}$ W x $2\frac{1}{2}$ in. deep, it fits into narrow vertical spaces. B) Type D Two-temperature range Day-Night thermostat. C) Type 190 Room Hygrostat for humidity control, duct type also available. D) Type D Summer-Winter remote bulb thermostat for air conditioning units. E) Limitem thermostat for unit ventilators and ducts. F) Type K remote bulb Submaster thermostat. G) Type K remote bulb Submaster thermostat. H) Accritem Temperature Regulator has adjustable sensitivity and calibrated dial adjustment with ranges 50-250F and 150-350F. J) Static Pressure Regulator for air ducts.

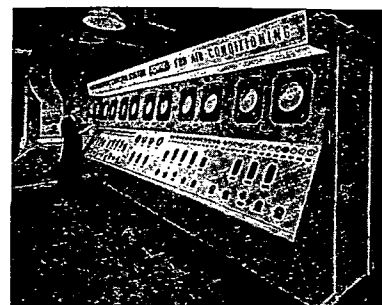


Powers Series 100 Recording and Indicating Controllers also control switches, gages, etc., are available in a variety of models; some are shown on control panels on next page.



Powers Packless Diaphragm Control Valves

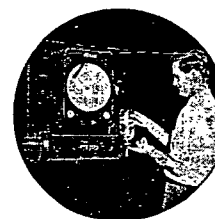
Powers Packless Control Valves (K and L) are made in various types and sizes for convectors, unit ventilators, unit air conditioners or coils in ducts. With their durable construction, ample power and Duo-Seal packless feature they eliminate normal packing gland friction and give better control. They eliminate steam or water leakage, loss of vacuum and packing maintenance.



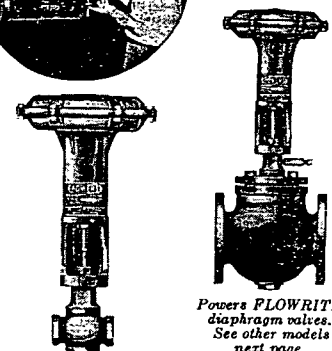
Modern Control Panel employing various types of Powers pneumatic controlling, indicating and recording instruments which regulate four complete year round air conditioning systems.

UNIT VENTILATOR CONTROL Powers latest advancement the **LIMITEM** Thermostat (E on previous page) is a precision instrument engineered to provide accurate low limit control of unit ventilator discharge temperatures... a critical requirement for classroom comfort. It has sturdy construction, accurate response, Powers famous **NON-WASTE** double air-valve with adjustable sensitivity and graduated temperature dial for changing the control point. It is fully described in *Bulletin 308*.

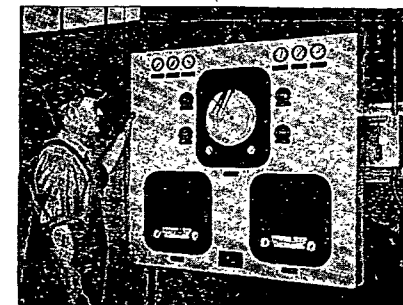
Powers MASTROL Systems for controlling forced hot water heating, radiant panel heating, etc., are available in various combinations of Master and Sub-Master controls. Control panel below shows **MASTROL** system using Powers Series 100 Recording Master Controller readjusting Sub-Master Indicating Controllers.



Left: Powers Wet and Dry Bulb Recording Controller with motor driven fan.



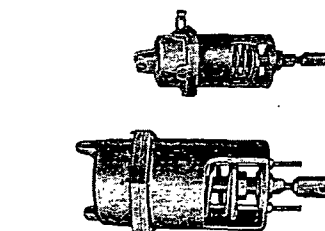
Powers FLOWRITE diaphragm valves. See other models next page.



Powers modern line of diaphragm control valves, and damper operators meet all heating and air conditioning requirements.

Simplicity and good design features in Powers **FLOWRITE** Valves give close control and they last longer. They are available with single seat, double seat, 3 way mixing and V-Port characterized valve which gives straight line control. Accurate control results from smooth rolling diaphragm and minimum of valve stem friction. Diaphragm has formed bead which provides increased sealing action with increasing control pressure. It has no bolt holes. Diaphragm lasts longer without replacement.

Piston plate assembly has a free floating thrust plate which absorbs side thrust. Closely guided piston plate maintains valve stem in accurate alignment. *Series 344 Bulletins* give more facts about these valves.



POWERSTROKE Piston Operators for Dampers, etc. Available in 3 in., 4 in. and 6 in. size.