

White-Rodgers Electric Company

1293 Cass Avenue, St. Louis, Mo.

Distributors in Principal Cities

HYDRAULIC-ACTION CONTROLS

Hydraulic-Action temperature controls combine the powerful uniform expansion and contraction of a solid liquid charged stainless steel diaphragm with mechanical simplicity to provide accuracy and dependability at all times.

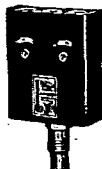
Take advantage of **Hydraulic-Action** on your next installation. Specify White-Rodgers Controls. The latest condensed control catalog is awaiting your request. Write for it today!



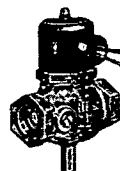
Single speed fan control—cover removed, showing visible dial.

8 EXCLUSIVE FEATURES OF WHITE-RODGERS HYDRAULIC-ACTION TEMPERATURE CONTROLS

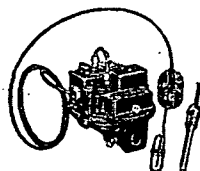
1. May be mounted at any angle or position, above, below or on level with control point.
2. Hydraulic-Action Principle incorporating solid-liquid filled bulb and capillary provides expansion force comparable to that of a metal bar.
3. Diaphragm motion uniform per degree of temperature change.
4. Power of solid-liquid charge permits unusually sturdy switch construction resulting in positive contact closure.
5. Heavier, longer-wearing parts are possible because of unlimited power.
6. Dials are evenly and accurately calibrated over their entire range because of straight-line expansion.
7. Controls with remote bulb and capillary are not sensitive to change in room temperature. Accuracy of control is not affected by temperature changes in surrounding area.
8. Not affected by atmospheric pressure. Works accurately at sea level or in the stratosphere without compensation or adjustment.



Dual Immersion Control—Limit-Circulator or Summer-Winter service.



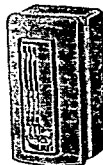
Solenoid Gas Valve—High plunger torque and silent operation.



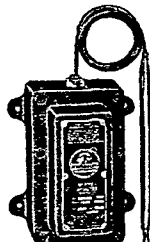
Diaphragm Gas Valve with built-in mechanical limit control.



Line voltage Thermostat for Unit Heater and Air-Conditioning Installations.



Low Voltage Room Thermostat—anticipating type.



Explosion-Proof Thermostat for hazardous locations—remote type.



Steam Pressure Control—for safety limit service.

International Heating & Ventilating Exposition

THE AIR CONDITIONING EXPOSITION

Permanent Address—Grand Central Palace, New York 17, N. Y.

EXPOSITIONS HELD

The first in Philadelphia, 1930.
The second in Cleveland, 1932.
The third in New York, 1934.
The fourth in Chicago, 1936.
The fifth in New York, 1938.
The sixth in Cleveland, 1940.

SEVENTH EXPOSITION TO BE HELD IN CLEVELAND

The first post-war Heating and Ventilating Exposition will be held in Cleveland at Lakeside Hall, January 27 to 31, 1947. This will be the first of a new series, now scheduled on an annual basis. Response to the initial announcement indicates that manufacturers have a keen interest in exhibiting their newest products of research and development.

There has developed a tremendous pent-up demand for new equipment that will be a challenge to the industry. The manner in which you meet this opportunity will be a guide to your future progress. As in the past, the Exposition will be ready to help you by offering a timely, quick and effective means of renewing old contacts, developing new ones, and actually demonstrating your products.

These expositions have been and will be held coincident with the Annual meetings of the AMERICAN SOCIETY OF HEATING AND VENTILATING ENGINEERS and are directed by the International Exposition Company, under the auspices of the A.S.H.V.E.

EXHIBITORS

Comprise leading firms in each phase of the industry; number has varied from 150 to 327 exhibitors.

EXHIBITS

These range from and comprise all the types of articles discussed or advertised in this copy of THE A.S.H.V.E. GUIDE.

1. **The COMBUSTION Group:** Furnaces, burners (coal, oil and gas), grates, stokers, boilers, radiators (various types), refractories and auxiliaries.
2. **The OIL BURNER Group.**
3. **The HYDRAULIC Group:** Water feeders, water heaters, pumps, traps, valves, piping, fittings, expansion joints, pipe hangers, etc.
4. **The STEAM HEATING Group:** Vapor heating and steam specialties.
5. **The HOT WATER HEATING Group.**
6. **The AIR Group:** Warm Air furnaces and stoves, registers and grilles, cooling towers, air filters, motors, fans, blowers, condi-

tioning equipment, ventilators (room and industrial types), unit heaters, etc.

7. **The AIR CONDITIONING Group:** Equipment which circulates and filters the air, in summer dehumidifies and cools; in winter heats and humidifies, and does all these in proper season for complete, all year-round air conditioning.
8. **The CONTROL Group:** Instruments of precision for indicating, controlling or recording temperature, pressure, volume, time, flow, draft or any other function to be measured.
9. **The REFRIGERATING Group:** Compressors, condensers, cooling apparatus, contingent apparatus and refrigerants.
10. **The CENTRAL HEATING Group:** Apparatus and materials especially designed or adapted to the uses of central heating and central heating station supplies.
11. **The INSULATING Group:** Structural insulators (refractory and cellulose materials), asbestos, magnesia clays and combinations thereof, pipe and conduit covering, etc., weather-stripping, etc.
12. **The MISCELLANEOUS Group:** Electric Heaters, boiler and pipe repair alloys, liquids and compounds, tools of all kinds, and equipment not specifically included in the above groups, but related thereto.
13. **The MACHINERY AND GENERAL EQUIPMENT Group.**
14. **BOOKS AND PUBLICATIONS.**

VISITOR ATTENDANCE

Attendance is by invitation and registration only, thereby presenting a selected audience. Included are contractors, dealers, jobbers, supply houses, home owners, industrial users, professional and service organizations, public utilities, real estate management concerns, etc. A detailed analysis of registered attendance is available on request. In 1940 at Cleveland, there were 20,652 registered visitors.

Industrial Expositions in America lead the expositions of the world in style, business effectiveness, industrial influence and educational value. This Exposition stands among the leaders in Industrial Expositions in America. It is an educational institution which brings together the research developments and improvements in equipment and materials for use in heating, ventilating and air conditioning all types of buildings.