

Minneapolis-Honeywell Regulator Company

Executive Offices: 2711 Fourth Ave. So., Minneapolis

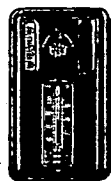
Factories: MINNEAPOLIS, MINN., AND WABASH, IND.

Branch and Distributing Offices:

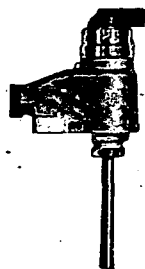
AKRON	CHICAGO	GRAND RAPIDS	NEW YORK	SALT LAKE CITY
ATLANTA	CINCINNATI	HARTFORD	OMAHA	SAN FRANCISCO
BALTIMORE	CLEVELAND	HOUSTON	PEORIA	SEATTLE
BIRMINGHAM	COLUMBUS	INDIANAPOLIS	PHILADELPHIA	SPRINGFIELD
BOSTON	DALLAS	KANSAS CITY	PITTSBURGH	SYRACUSE
BUFFALO	DATON	LITTLE ROCK	PORTLAND	TOLEDO
BUTTE	DENVER	LOS ANGELES	PROVIDENCE	WASHINGTON, D. C.
CANTON	DETROIT	MILWAUKEE	ROCHESTER	WICHITA
	DULUTH	NEW ORLEANS	ST. LOUIS	

In Canada: MONTREAL, TORONTO, CALGARY Agencies in Most Cities

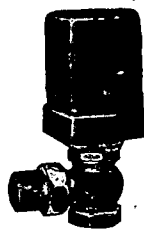
THE MODUTROL SYSTEM of Temperature and Air Conditioning Control



Room Type
Thermostat



The
Modustat



Electric Motor
Radiator Valve

The Modutrol System designation is applied to any combination of Minneapolis-Honeywell Automatic Electric Controls or Self-contained Automatic Valves used to govern the operation of air conditioning or heating systems. Controllers of various types actuated by positive means and, in turn, connected to electric power units governing valves, dampers, etc., present a new conception of dependability and ease of installation not heretofore possible. In the Modutrol System the well-known dependability of electric switches and motors, the permanency of electric wiring, the flexibility of self-contained units and the accessibility of each and every portion of the equipment represent just a few of many advantages offered in this modern means of air conditioning control.

EFFECTS TRUE MODULATION

Viewed from the performance standpoint, the Modutrol System offers true modulation of the temperature, air flow and humidity. True modulation means automatic proportioning of heat, cold, air flow or humidity in exactly the required amount to offset changes in the heat loss or relative humidity. Modulation of dampers and valves is accomplished through the use of the electric proportioning or Modutrol Motors, a development pioneered by Minneapolis-Honeywell. Through the use of these power units a valve or damper is adjusted to a new position automatically increasing or decreasing flow through the valve or damper to offset the change in conditions noted by the thermostat, humidity or other controller. This automatic change is always immediate and in exact ratio to the change in conditions at the controller, hence the flow is truly modulated to the demand.

In the case of direct radiation, the Modustat accomplishes the same true modulation of the steam flow to each radiator.

PROVIDES EXTREME FLEXIBILITY

Modulating controls are supplemented by a wide variety of on and off or two position motorized valves and dampers and attendant controllers all of which are made extremely flexible in their application through control panels, relays, etc.

FOR INSTALLATIONS LARGE OR SMALL

The Modutrol System has demonstrated its ability to control all types of heating, ventilating, or air conditioning systems from the systems for the home to the more elaborate installations for the skyscraper dependably and accurately.

ASSURES UTMOST IN COMFORT AND ECONOMY

A Modutrol System in new or old buildings provides the utmost in comfort and economy derived from the heating or air conditioning system which it governs. Wasteful delivery of excess capacity from any of the functions regulated by the Modutrol System together with uncomfortable or unhealthy conditions created by over or under delivery of capacity from these functions are avoided.

IS BACKED BY 50 YEARS EXPERIENCE

Fifty years of concentration upon temperature control problems has built up within the Minneapolis-Honeywell organization the knowledge, technique and engineering ability which have produced the Modutrol System as well as the comparatively simple domestic control systems.

The maintenance of present standards of excellence and the development of adequate improvements in controls to keep pace with the progress of the industry are assured by the employment of a staff of thoroughly experienced production and research engineers.

INCLUDES ENGINEERING SERVICE

The Minneapolis-Honeywell Automatic Control engineer is at your service at all times. He will be glad to furnish you with recommended control layouts and cost estimates.

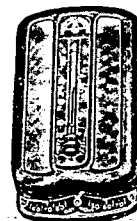
He is trained to recommend control results before installation of equipment and to produce control results after installation of equipment.

AND NATIONWIDE INSTALLATION FACILITIES

Minneapolis-Honeywell Branch Offices and Distributors are equipped to make the complete installation of the Modutrol System for control of Air Conditioning or Heating installations. Thoroughly trained men are also available to supervise, adjust, or service the control equipment if the purchaser prefers to make his own installation of controls.

CARRIES UNDIVIDED RESPONSIBILITY

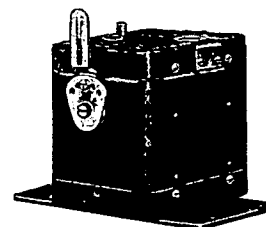
The Modutrol System and its supplementary equipment is so complete that Minneapolis-Honeywell is equipped to assume the entire responsibility for any control installation, thereby eliminating the difficulties and misunderstandings which the division of responsibility may create.



Twin
Thermostat



Humidity Controller



Modutrol Motor

TYPICAL MODUTROL SYSTEMS OF AUTOMATIC TEMPERATURE AND AIR CONDITIONING CONTROL

The Modutrol System is composed of many individual units of control which may be used separately or in any combination properly coordinated to produce the required results.

The Modutrol Systems outlined on the succeeding pages are only a few of the many types available but will serve to illustrate the extreme flexibility of the Modutrol System and its adaptability to the needs of the individual installation.