

Minneapolis-Honeywell Regulator Company

Executive Offices

2711 Fourth Avenue, S., Minneapolis

Factories: Minneapolis, Minn. and Wabash, Ind.

Branch and Distributing Offices: New York, Chicago, Philadelphia, Boston, Detroit, Cleveland, Providence, Newark, St. Louis, Cincinnati, Milwaukee, Pittsburgh, Baltimore, Washington, D. C.; Buffalo, Syracuse, Rochester, N. Y.; St. Paul, Denver, Salt Lake City, Louisville, Los Angeles, San Francisco, Portland, Seattle, Hartford, New Haven, Springfield, Mass. In Canada: Halifax, N. S.; St. John, N. B.; Montreal, Toronto, Windsor, Winnipeg, Calgary, Vancouver. Agencies in almost every city.

Manufacturers of Temperature, Pressure and Safety Combustion Controls for all Types of Residence and Industrial Heating Systems, Including Oil Burners, Gas Burners, Coal Stokers, Automatic Blowers, District Steam and Single Unit Controls for Buildings. Service Departments Maintained by all Branch Offices and Agencies.

THERMOSTATS—Oil, Gas or Coal Heat Control

8-Day Clock Thermostats—give differential day and night temperature control for buildings unoccupied at night or where lower night temperatures are required. Types available for motor valve or relay operation.

Plain Thermostats (low voltage)—are used where one temperature is required at all hours or where irregular temperature regulation or group or master clock control is necessary. Available for motor valve or relay operation.

110 Volt Thermostats (Mercury Tube Contacts)—for use where accuracy of operation is not of primary importance, such as in garages, storage warehouses, etc. No transformers or relays are needed. Installation is low in cost.

THERMOSTAT GUARDS—Fitted and locked over thermostats to prevent tampering with the setting or mechanism.

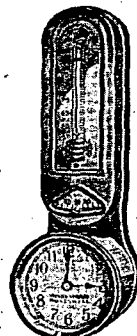
DUAL CONTROL UNITS—Dual Control offers protection against damage to heating plants due to overheating and gives a decided advantage from the standpoint of fuel economy and safety.

For Hot Water Heating Systems, the AQUASTAT provides more uniform room temperatures as well as protection against overheating of the boiler.

For Warm Air Systems, the MINNEAPOLIS-HONEYWELL WARM AIR LIMIT CONTROL, installed in the principal warm air duct for any limit up to 240 deg. Fahr., gives overheating protection to warm air furnaces.

For Steam Systems, the PRESSURETROL, an enclosed contact mercury tube type steam boiler limiting device—simple, compact and sturdy—provides safety from overheating of boiler units and maximum fuel economy. Available for both low and high voltage circuits.

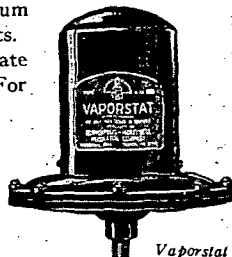
For Vapor Systems, the VAPORSTAT—designed to operate with vapor but will not control within the vacuum range. For additional safety protection in connection with room thermostats—gives extreme accuracy and maximum fuel economy. For low pressure vapor systems, shuts off fire when pressure increases a few ounces. May be used singly to control burner from the boiler temperature or in dual control with the room thermostat.



Clock Thermostat



Aquastat



Vaporstat

PROTECTORELAY—Complete line for full automatic control of all types of oil burner installations. Available for 110 or 220 volts, 25, 30, 40, 50 or 60 cycle A. C. and 110 or 220 volt D. C. Listed as standard by Underwriters Laboratories, Inc.

GAS VALVES—Minneapolis-Honeywell electric gas valves for automatically controlling gas supply used directly in connection with thermostat. Gas valves for use in connection with Pyrostat or Protectostat also available. Provide positive operation at all times with safety combustion protection by the use of a thermal cutout switch. Available in sizes $\frac{3}{4}$, 1, 1 $\frac{1}{4}$, 1 $\frac{1}{2}$ and 2 in.

COAL BURNING CONTROL—Electric motors for controlling heating plant dampers. Also controls for automatic stoker operation.

UNIT HEATER CONTROL SYSTEM—Minneapolis-Honeywell controls are designed to meet all types of installations from the cheapest direct line control by 110 volt thermostats to the complete control systems which can only be accomplished through the use of low voltage thermostats, motor valves and relays.

The following are typical systems of Minneapolis-Honeywell control:

Unifan Control—the fan motor of a unit heater is controlled by temperature or pressure in the return line. Prevents operation of fan when heating coil is cold, eliminating cold blasts.

Steam Flow Control—motorized valve in steam line operating from a low voltage thermostat—shuts off or turns on steam at demand of thermostat. Eliminates condensation losses during standby periods. Can be used in connection with direct radiation and hot water heating systems.

Motorized valves for steam flow control—consist of electric motors integrally mounted either above or below a semi-balanced globe type valve. Available for angle or straight through mounting up to and including six inches. For 110 or 220 volt D. C. or 110 volt or 220 volt, 25, 40 and 60 cycle A. C.

Plain Thermostat Control—for use principally where constant temperature is to be maintained 24 hours of the day.

Direct Clock Control—for automatic night and day regulation of temperatures where a different temperature for each period is desired.

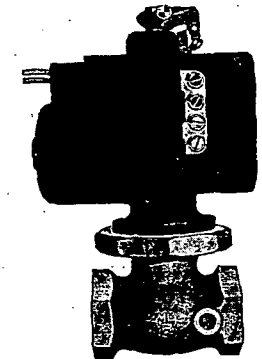
Unit Clock Control—for use where unit heaters in different locations of building are operated on different day and night basis.

Group Clock Control—for use where unit heaters are grouped under uniform conditions. Single clock type thermostat used to control the plain thermostats in all groups combined.

Master Clock Control—for automatic control of day and night temperatures in individual departments of plant. This independent control of sections permits re-establishment of daytime control by hand operated switch.

District Steam Supply—refers to control system where the steam supply is from a central station heating plant or the heating plant of the building itself and sectional or zone layouts are used.

PROMPT ATTENTION WILL BE GIVEN TO REQUESTS FOR CATALOGS ON THE COMPLETE LINE OF MINNEAPOLIS-HONEYWELL CONTROL EQUIPMENT



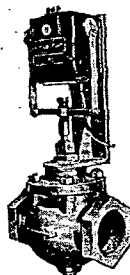
Motor Gas Valve



Plain Thermostat



Operating Motor



Steam Flow Control Valve



Pressuretrol