

Minneapolis-Honeywell Regulator Company

Automatic Control Systems for Heating, Ventilating, Air Conditioning

BROWN INSTRUMENTS for Indicating, Recording, Controlling
NATIONAL PNEUMATIC CONTROLS for Heating and Air Conditioning

Factories: MINNEAPOLIS, MINN., PHILADELPHIA, PA., WABASH, IND., CHICAGO, ILL.

Branch and Distributing Offices... *Stock carried

ALBANY, N. Y.	COLUMBUS	HAVERHILL, MASS.	NEW ORLEANS	SAN FRANCISCO*
ALLENTOWN	DALLAS	HOUSTON	NEW YORK*	SCRANTON
ATLANTA*	DAYTON	INDIANAPOLIS*	OKLAHOMA CITY	SEATTLE
BALTIMORE	DENVER*	JACKSON, MICH.	OMAHA*	SIOUX FALLS, S.D.
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BOSTON*	DETROIT*	KANSAS CITY*	PHILADELPHIA*	SYRACUSE*
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BUFFALO*	EAU CLAIRE, WIS.	LOUISVILLE, KY.	PORTLAND*	TULSA*
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CHICAGO*	HARTFORD*	MINNEAPOLIS—	SALT LAKE CITY*	WICHITA*
CINCINNATI	HARRISBURG, PA.	ST. PAUL*	SAN ANTONIO*	WORCESTER, MASS.
CLEVELAND*				YOUNGSTOWN

In Canada: MONTREAL, TORONTO,* CALGARY, VANCOUVER, LONDON, WINNIPEG

In Europe: AMSTERDAM, HOLLAND,* LONDON, ENGLAND,* STOCKHOLM, SWEDEN*

Minneapolis-Honeywell is ready to assume the complete responsibility for the supply and installation of automatic controls and instruments specified for any building that you design. M-H service is complete. Through our nationwide organization, we are prepared to make complete installation, supervise installation, provide periodic service or supply control equipment. Minneapolis-Honeywell can offer unbiased advice on your control requirements—manufacture and install complete electric control systems, complete pneumatic control systems, or a combination of the two.

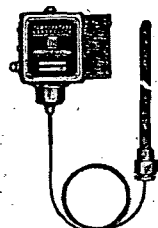
Each Minneapolis-Honeywell office maintains a factory trained engineering personnel. Your Minneapolis-Honeywell engineer will be glad to furnish you with recommended control layouts and cost estimates.

He is trained to recommend control results before installation of equipment and to produce control results after the installation has been completed.

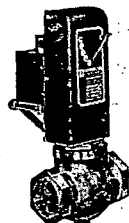
THE MODUTROL SYSTEM OF ELECTRIC CONTROL

The Modutrol System designation is applied to any combination of Minneapolis-Honeywell Automatic Electric or Pneumatic Controls or Self-contained Automatic Valves used to govern the operation of air conditioning or heating systems other than the small domestic installations. A wide variety of both modulating and two position motors, controllers and valves are available thus making the Modutrol System extremely flexible as to the selection of control equipment to produce the desired results.

Complete electric control systems are available for those installations where precise, flexible and dependable results are required. Electric controls of the Modutrol System provide a dependable means of effecting modulation through the use of the "Series 90" control circuit. All electric motor power units used in this system are completely oil immersed in order to insure quiet operation and years of trouble-free service.



Duct Type Temperature Controller



Modulating Motorized Valve



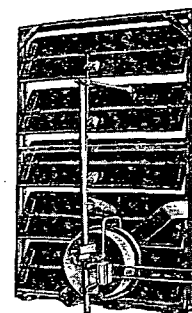
National Pneumatic Thermostat

THE GRADUTROL SYSTEM OF PNEUMATIC CONTROL

Minneapolis-Honeywell offers a complete line of pneumatic controls. To such features as "Helmet Seal" Thermostats and Metaphram construction of valve and damper motors has been added the accurate and infinite positioning of the Gradutrol Relay. For commercial air conditioning and space heating installations, the Gradutrol System offers a truly remarkable advance in pneumatic control.

COMBINATION ELECTRIC AND PNEUMATIC SYSTEMS

The outstanding advantages of both the electric Modutrol System and pneumatic Gradutrol System of control may be combined in a single installation. Thus maximum flexibility and low installation cost are obtained. Minneapolis-Honeywell can offer either an electric or pneumatic system, or a combination of the two. This is your guarantee of an unprejudiced recommendation.



Gradutrol Motor and Damper

BROWN INSTRUMENTS

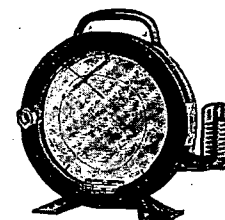
The extent to which air conditioning equipment is being used in office buildings, theatres, stores, industrial buildings, etc., has opened up a wide demand for indicating and recording resistance thermometers because the temperatures throughout these air conditioning systems should be checked periodically in order to obtain the best results at minimum operating cost. To obtain uniform conditions from modern equipment, it is necessary that the engineer in charge of operation have a visual picture of actual conditions.

Brown Resistance thermometers are available for indicating, recording, and controlling service and are applicable to all types of air conditioning and space heating installations.

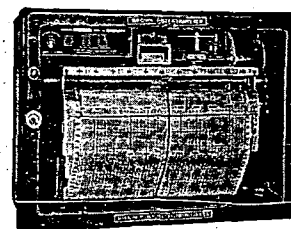
In addition to Resistance Thermometers, The M-H Brown Instrument Division manufactures:

Thermometers
Hygrometers
Pressure Gauges
Vacuum Gauges
Potentiometer Pyrometers

Flow Meters
CO₂ Meters
Tachometers
Liquid Level Gauges
Protectoglo System



Brown Portable Recorder



Brown Recording Resistance Thermometer

RESPONSIBILITY FOR ENTIRE CONTROL SYSTEM

Minneapolis-Honeywell Regulator Co. is equipped to assume the entire responsibility for any control installation, thereby eliminating the difficulties and misunderstandings which division of responsibility may create.