

ELECTROMODE

Division Of
COMMERCIAL CONTROLS CORPORATION

Complete line of ELECTRIC HEATING SYSTEMS for HOME-INDUSTRY-FARM ROCHESTER 3, NEW YORK

When you need advice in any field, you consult a specialist. Deciding on a heating system is an important matter—one that you do not undertake very often. Therefore, it is only natural and in the course of wisdom, that you will look to a specialist in this field. For more than 25 years Electromode has devoted its research engineering and manufacturing facilities predominantly to the design and production of electric space heating equipment, and is one of the oldest in the business. The Safety Grid Heating Element is an Electromode feature. All electric

wires are insulated, embedded and completely sealed inside a finned aluminum casting. No exposed hot wires, no glowing coils and no danger of fire, shock, or burn. This finned aluminum casting spreads the heat rapidly, resulting in higher efficiency and greater economy. The built-in safety switch automatically prevents overheating. The Safety Grid Heating Element is guaranteed for 5 years against any defect in material or workmanship.

For HOME and OFFICE



Fig. 1

WALL-TYPE HEATERS

Electromode Wall-type Heaters are made in models and capacities suitable for all size rooms, ranging from 1320 to 4000 watts, with built-in thermostat or manual control. Heat is fan-circulated at floor level. All have automatic thermal safety switch. The big room heaters have silver grey finish and can be painted to match decor. The small room or bathroom heaters are available in gleaming chrome or white enamel and are used as complete or auxiliary source of heat. See figs. 1 and 2.



Fig. 2



Fig. 3

BASEBOARD HEATERS

Designed so that a completely harmonious installation can be made which conforms to design and dimensions of any room. Matching blank sections, end pieces and corners for carrying out unbroken baseboard effect. The comfort of radiant warmth along outer walls, under windows and across the floor, thermostatically controlled at the comfort level you select for each room. There's no interference from Electromode Baseboard Heaters. They're so out of the way along the walls just like regular baseboard. 600, 900, 1200 watts; 120 or 240 volts. See fig. 3.

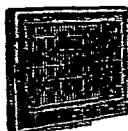


Fig. 4

RADIANT HEATING PANEL

Combines radiant and convection heating. Modern design with silver grey finish. With or without built-in thermostat. Capacity 1100 watts. See fig. 4.



Fig. 5

RADIANT CABLE HEAT

Coils of cable hidden in ceiling radiate clean heat downward. Each room temperature controlled by separate thermostat. Cables are a measured length of special insulated electric wires; waterproof; non-corrosive. Used in plaster, drywall ceilings, or concrete floors. Magic Seal coating prevents streaks on ceiling. See fig. 5.

For INDUSTRY



Fig. 6

UNIT HEATERS

Unit Heaters available in Suspension-type and Combination Portable and Suspension models. Capacities from 1500 to 45,000 watts. Fine for auxiliary warmth in hard-to-heat areas and for complete heating in outlying buildings. Adjustable louvers for directing fan-circulated heat into working zone. Thermostat control available on all models. See fig. 6 for Suspension and fig. 7 for Portable and Suspension. The Electromode Commercial and Industrial heater is specifically designed for quick, comfortable, warmth in factory departments, offices, supermarkets and other areas where its quiet operation is an asset. It is easily portable, or it may be mounted on swivel-type brackets. 5KW-240 volts—single or 3 phase—17,075 Btu. See fig. 8.



Fig. 7



Fig. 8

EXPLOSION-PROOF HEATERS

Explosion-Proof heaters are specially engineered for installation in hazardous areas where heat is required and danger of explosion exists. They conform to rigid safety specifications and are fully tested and approved by Underwriters' Laboratories for use in areas covered in Class I, Group D hazardous locations. Used in places where atmospheres contain gasoline, petroleum, naphtha, solvent vapors, natural gas and where flammable gases etc. are made or stored. Convection type. Three models range from 2000 to 6000 watts. See fig. 9.

BLAST COILS

Consists of a bank of Electromode cast-aluminum heating elements mounted in a 18 gauge formed steel frame having a



Fig. 10



Fig. 11

1 1/4 in. wide flange with 3/8 in. holes on approximately 6 in. centers for mounting to air ducts. Complete wiring diagrams for special applications furnished on request. See fig. 10.

Electromode Insert Duct Heater (fig. 11)

Safety and endurance is inherent in its construction. It was designed as a package unit ready for easy installation. The Safety-Grid heating element is your assurance of complete protection against fire, shock or burn. Safety switch automatically breaks the service to the heater in the event of stoppage of air flow through the heater from any cause. It is an automatic reset type.

Engineering help gladly given. For more information, see your supplier or write Dept. HVG-19, Electromode Division of Commercial Controls Corporation.

INDUSTRIAL ENGINEERING AND EQUIPMENT COMPANY

22 Hanley Industrial Court, St. Louis (Brentwood) 17, Mo.

INDEECO

Electric Blast Coil Heaters

for Installation in Ducts
and in Package Air Conditioners
Total and Supplementary Heat

Package Units
sized to specifications

SAVE Design & layout work
YOU Field time

Commercial, industrial, institutional, residential and governmental installations are heated by these patented units. They offer the following advantages:

1. COMPLETE UNIT, ready for installation, eliminating design and layout work
2. SIZED TO FIT
3. THERMAL CUT-OUTS, furnished with each unit
4. WIDE SIZE RANGE

INDEECO UNITS FOR PACKAGE AIR CONDITIONERS. Write for Bulletin E97P showing 704 sizes to fit 20 manufacturers' package units.

INDEECO UNITS FOR DUCT-INSTALLATION. Write for Bulletin E97U showing 422 sizes.

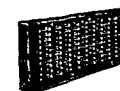
SPECIAL UNITS in both categories furnished at no extra cost. INDEECO Blast Coil Heaters are made to suit your specifications. You are not compelled to change your plans to meet our specifications.

A FEW EXAMPLES OF USES

1. Primary source of heat
2. Booster, supplementary or standby auxiliary heating
3. ZONE temperature control
4. Industrial applications
(Example: for major oil refinery, seven pumping stations without attendants are heated by INDEECO blast coil heater installations)

Literature describes wide range of applications in detail. More than 10,000 specifications on file.

WRITE FOR CATALOGS
CONSULTATION ON ANY PROJECT
WITHOUT CHARGE

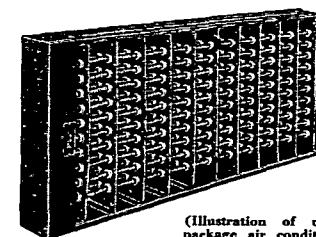


22,621 INSTALLATIONS
to date
150 to 17,500,000 Watts

Typical examples include:

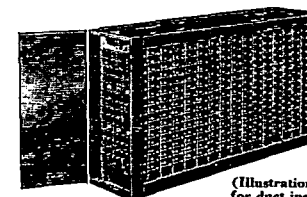
SUN-TIMES BUILDING, CHICAGO	LOYOLA UNIV., NEW ORLEANS
CADILLAC MOTOR CO., DETROIT	U. S. EMBASSY OFFICE, HONGKONG
GENERAL FOODS CORP., WHITE PLAINS	I. MAGNIN DEPT. STORE, PALO ALTO, CALIF.
ROCKEFELLER CENTER, N. Y. CITY	ST. LAWRENCE SEAWAY (U. S. AND CANADIAN SIDES)

AND OTHERS



(Illustration of unit for package air conditioners)

INDEECO Electric Blast Coil Heater for Package Air conditioners as shipped and ready for installation



(Illustration of unit for duct installation)

INDEECO Electric Blast Coil Heater for duct installation. Listed by Underwriters Laboratories. Above is part of installation totaling 1,680,000 watts.