

Automatic Gas Equipment Company

Brushton and Thomas St., Pittsburgh 21, Pa.
Manufacturers of Pittsburgh Gas Unit Heaters and Duct Furnaces

Cast Iron Heating Elements

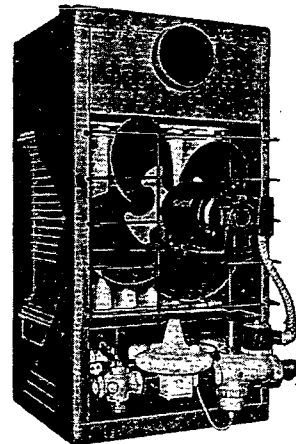
Cast iron is considered to be the best material to withstand the corrosive effects of the products from combustion of gases. For this reason, both the heat exchanger and combustion chamber in a Pittsburgh Gas Unit Heater are made of cast iron. Furthermore, they are cast in one piece and the extended heating surface fins on the heat exchanger are cast integral.

Pittsburgh Gas Unit Heaters have been designed to consume exactly the right amount of air to support complete combustion but without permitting an excess of air to lower heating efficiency. This is accomplished by means of a built in draft hood which absorbs all excessive chimney action and thereby conserves heat. The heater does not depend upon forced draft from the fan for either the primary or secondary air supply. For this reason there is no possibility of variation in the air supply to the burners resulting from changes in fan speed or louver adjustment. By the use of adjustable horizontal louvers, warm air can be directed to any desired level.

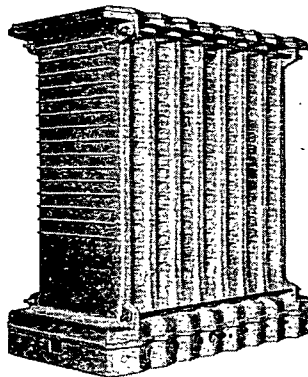
Safety Features

A tested and proved safety pilot is used on these heaters to automatically turn off the gas if the pilot light goes out or if it burns too low to insure positive ignition. The draft diverter is absolute protection against any possible down drafts through the chimney. Write for folder containing complete details, including installation measurements.

Approved by American Gas Association and Underwriters' Laboratories.



Cut-away view of heater showing the cast iron heat exchanger in place.



Heat exchanger and combustion chamber.

SIZES AND CAPACITIES (also made in five sizes in Blower Type Units)

Unit No.	Input B.T.U. Per Hour	Output—AGA B.T.U. Per Hour	Sq. Ft. E.D.R.	Air Del. C.F.M.	Motor H.P.	Speed R.P.M.	Approx. Wts.
215 C	215,000	172,000	744	3500		1140	525
175 C	175,000	140,000	605	2900		1140	475
160 C	160,000	128,000	553	2600		860	450
140 C	140,000	112,000	484	2320		860	400
110 C	110,000	88,000	381	1820		860	350
85 C	85,000	68,000	294	1350		1000	300

ELECTROMODE CORPORATION

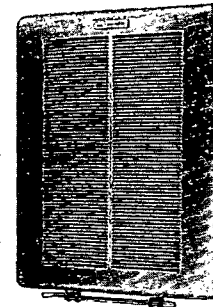
45 Crouch St.

Rochester 3, N.Y.

FOR HOME •

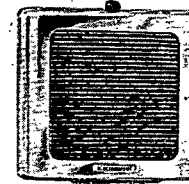
ELECTROMODE
All Electric HEATERS

INDUSTRY • FARM



BILT-IN-WALL Heaters for Homes and Offices

Using Electromode's Down-Flo principle, these heaters fan-circulate warm air at floor level for greater comfort and improved heating efficiency. Quick and easy to install. No duct work required. Famous cast-aluminum heating element eliminates all danger of fire, shock or burn. Capacities from 1500 to 4000 watts—with manual, wall thermostat or built-in thermostat control. All have thermal safety switches. Silver gray enamel finish.



BILT-IN-WALL BATHROOM Heater

Designed to build into the wall, this 115 volt, 1320 watt heater is designed for small rooms such as baths, bedrooms, kitchens, etc. Employs the famous cast-aluminum heating element that is completely safe. Available with or without built-in thermostat. Thermal cut-off prevents overheating. Two-way switch permits use of fan without heat. Available in white baked-on enamel or chrome.

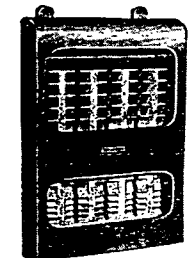


UNIT HEATERS for Auxiliary Warmth

These fan-circulating units are used as auxiliaries to a main heating system or, where electric rates permit, as main heating sources. Require no plumbing or duct work—only circuit wiring. Employ the completely safe cast-aluminum heating element that has no exposed hot or glowing wires, gives high thermal conductivity and resists corrosion. Safety switch prevents overheating. Thermostat control available on all models.

Suspension Type (left) for wall or ceiling mounting in factories, stores, offices. 10,000 to 45,000 watts.

Combination Portable and Suspension Type plugs in where needed or mount permanently. 1500 to 7500 watts. Automatic thermostat control available on 1500 to 5000 watt models.



Explosion-Proof Heaters (left) for areas charged with inflammable vapors. Convection type. Entire electrical input provides useful heat. Three models range from 2000 to 6000 watts. Listed by Underwriters' Laboratories for Class 1-Group D Hazardous Industries.

Engineering help is at your disposal. For more information, see your supplier or write Dept. HVG-13, Electromode Corporation.

Electromodes are approved by Underwriters' Laboratories and are fully guaranteed.