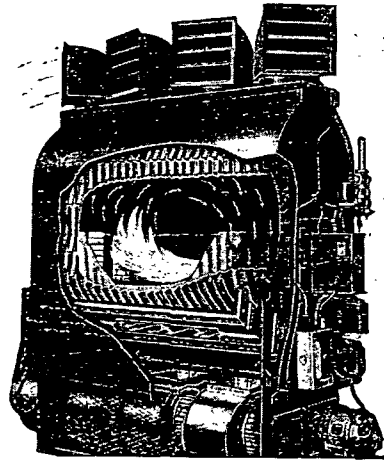


DRAVO CORPORATION

HEATER DEPARTMENT

300 Penn Avenue, PITTSBURGH, PA.

Sales Offices in Principal Cities

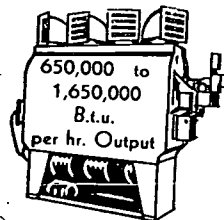


Cut away view showing combustion chamber principles as applied to gas, oil, or combination gas and oil burning units. Note corrugated combustion chamber with fins and deflectors welded thereto for maximum heat transfer efficiency. Economizer tubes utilize part of the heat of the flue gases. Heated air is discharged at top, return air taken in at floor level, a practice that concentrates heated air at working levels.

Specification Data Sheets for any type or capacity are furnished on request.

GAS-OIL COMBINATION . . . Floor Set . . . Top Discharge . . . Rear Fired . . . Standard V-Belt Drive—This series of heaters is equipped to burn either Heavy or Light oil with alternate gas burner. Equipment consists of a complete, separate

burner for each fuel, each burner having a complete set of controls. The controls and wiring are so arranged that either burner can be put into operation by simply throwing a switch.



Savings of scarce metals, fuel, cost of maintenance and cost of labor in operation are factors influencing favorable acceptance of Dravo Heaters.

War conditions demand speed of installation and curtailment in the use of critical materials. Dravo Heaters are shipped with refractory and firewall in place, are installed by simply connecting to fuel and power supply, and their construction represents a saving in critical metals of 30 to 40 per cent over conventional steam plants with distributing systems.

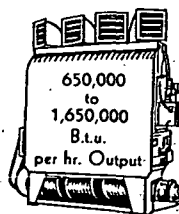
Each heater is a self-contained unit, operated individually. A heating system for any size structure may be formed with a combination of one or more heaters. Dravo Direct-Fired Heating Systems save man-hours, money, transportation—all essential to the war effort.

Dravo Direct-Fired Heaters are used for permanent installation and also often used to supply temporary heat in new construction or plant expansion.

The exceptionally high heat transfer efficiency is the result of two fundamental design features—first, accurately controlled combustion of fuel and air, and second, highly effective transfer of heat to air. Standard stock sizes are obtainable for production of 650,000 to 4,000,000 Btu output per hour. Dravo Bulletin No. 505 with detailed description mailed on request.

GAS . . . Floor Set . . . Top Discharge . . . Rear Fired . . . Standard V-Belt Drive—This series as well as all others is designed to deliver the maximum output per square foot of floor space occupied.

Because of their unique design they fit into the heated space and are dependable and efficient. They readily lend themselves to a wide variety of applications, using either natural or manufactured gas.



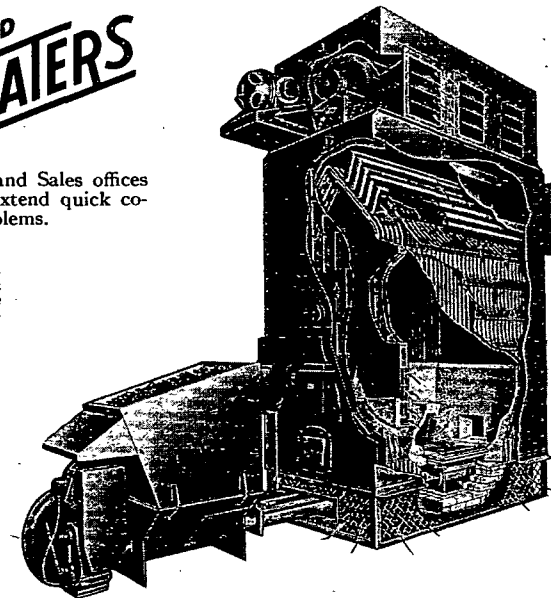
DRAVO DIRECT FIRED HEATERS

There are 47 Branch and Sales offices strategically located to extend quick co-operation on heating problems.

Right. Hopper fed model, capacities 1,000,000 to 4,000,000 Btu output per hour. Also available for bin-feed, Anthracite or Bituminous coal.

COAL FIRED SERIES

—the Dravo coal-fired, self-contained Heater is particularly adaptable in areas where coal is the cheapest or easiest fuel to obtain. Coal fired heaters may be converted to either gas or oil firing should conditions change. The entire series of Dravo Direct-Fired Heaters has the utmost flexibility. Enough applications, combinations, and adaptations are available to meet any set of reasonable conditions. The same unique principle of corrugated welded combustion chamber, with its multiplicity of welded fins and deflectors, is employed. The entire series has the DRAVO non-clinking air-cooled setting incorporated in the design. Available for either bituminous or anthracite coal; equipped with either hopper feed or



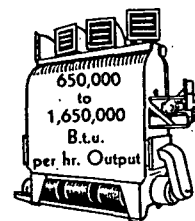
bin-feed stoker, installed under either end of the heater. Capacities: 1,000,000 to 4,000,000 Btu per hour output.

There are two models of Dravo Direct-Fired Coal Heaters specially designed for large unit applications which can be used as central heating plants. Overhead or underground duct systems may be installed when necessary. These large models are available in ratings from 4½ to 8 million Btu output per hour.

Specification Data Sheets for any type or capacity are furnished on request.

OIL, Floor Set, Top Discharge, Front Fired Standard V-Belt Drive—This series obtainable in light oil or heavy oil fired models in all Dravo Direct-Fired

Heaters. Economy of fuel consumption is the result of careful over-all designing and constant improvement over many years. In summer they may be used for air circulation.



COAL . . . Hand Fired Model—Available for bituminous coal or coke. Equipped with full set of rocking and dumping, grates, supporting frame and lugs; under-grate blower assembly; shaker bar and handle; lower ashpit front; door and frame. Available in ratings of 1,000,000 to 4,000,000 Btu per hour output capacity. Convertible at any time to bin or stoker feed, gas or oil consumption.

