

E. K. CAMPBELL COMPANY

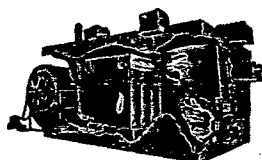
Manchester at 18th • Kansas City 26, Mo.

Sales and Service Offices in Principal Cities



Thermidaire

- Heavy Duty Warm Air Furnaces
Capacities to 8,000,000 Btu
- Builders of Custom Heating Equipment
Since 1910



"Thermidaire" Design 10

"THERMIDAIRE" DESIGN 10 HEAVY DUTY FURNACES—CUSTOM HEAVY DUTY EQUIPMENT FOR ENGINEERED APPLICATIONS.

Typical Problems for which Design 10 Furnaces Offer an Excellent Solution:

- **Need for constant ventilation**—To maintain freshness in any structure, particularly where high occupancy loads occur, modulating face and by-pass zone arrangements are used to obtain constant air circulation with "Thermidaire" Design 10 Heavy Duty Furnaces.
- **Need for air conditioning**—Since most modern structures have either present cooling requirements, or will have at some future date, the large air capacities needed and the basic distribution system required are readily available in the structure using "Thermidaire" Design 10 Heavy Duty Furnaces.
- **Need for very large capacity equipment**—Where large loads exist, the high output capacity available from single units simplifies the solution. "Thermidaire" Design 10 Heavy Duty Furnaces available in standard sizes with output to 8,000,000 Btu/h and 145,000 cfm, larger on special request.
- **Need to meet special design requirements**—For balancing Btu/h vs. cfm component sizing, separate sizing of furnace and blower elements permits "Thermidaire" Design 10 Heavy Duty Furnaces to meet special requirements for very high or low air volumes, or temperature rises, and to handle unusual jobs, process needs, or exceptional buildings.
- **Need for flexible or special equipment arrangements**—Where building dimensions limit outlet or inlet duct arrangements, location of firing front or position of blower relative to air conditioning or furnace components "Thermidaire" Design 10 Heavy Duty Furnaces are excellent due to the extreme flexibility possible in arranging equipment.
- **Need for full convertibility to any fuel**—Where dual fuel equipment is required, or in event of future changes in fuel requirements, (including gas, L. P., oil light or heavy, and solid fuels), "Thermidaire" Design 10 Heavy Duty Furnaces offer complete protection since any of these fuels can be efficiently burned.
- **Need for extra quality equipment**—"Thermidaire" Design 10 Heavy Duty Furnaces are the highest quality equipment available, designed for continuous duty and long life on tough jobs and large loads.
Only Heavy Duty blower equipment is used.
Only highest grade burner and control equipment used.
Extra Heavy welded steel construction throughout.
Baked enamel exterior finish.
Fiberglass insulated casing.
Low internal resistance to due gases.
Operating efficiencies up to 84 percent with resultant fuel economy.
Counter-Flow heat transfer.
Positive pressure or Drive through principle.
- **Need for special services**—
Our half-century of application experience in the specialized field of heavy duty warm air heating is available to assist in arriving at the proper solution to your problem.
We recognize that satisfactory solution of the Users problem is the end objective and we back our equipment with competent field service to accomplish this.

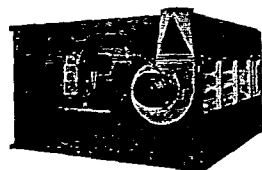
"THERMIDAIRE" DESIGN 40 HEAVY DUTY FURNACES

Standard heavy duty equipment for general heating applications—Available from 250,000 to 2,000,000 Btu/h output in vertical, horizontal, and inverted models—available for gas, oil or combinations. Provides convenient compactness, high efficiency, simple installation. Blower, burner, ID fan and controls, mounted, wired and fire tested. Normally shipped assembled.

"THERMIDAIRE" DESIGN 41 HEAVY DUTY FURNACES

Standard heavy duty equipment for engineered applications—designed for use with face and by-pass, constant ventilation, or air conditioning—requires separate blower—has built in by-pass section—available in same models and fuels as Design 40, in sizes from 250,000 to 3,000,000 Btu/h output. Provides convenient compactness, high efficiency, simple installation. Burner, controls and ID fan, mounted, wired and fire tested. Normally shipped assembled.

OTHER DESIGNS AND SPECIAL EQUIPMENT AVAILABLE ON REQUEST



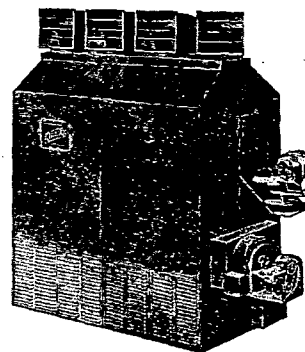
"Thermidaire" Design 41

DRAVO CORPORATION

Neville Island

Pittsburgh 25, Penna.

Atlanta, Baltimore, Boston, Chicago, Cincinnati, Cleveland, Detroit, Indianapolis, New York, Philadelphia, Pittsburgh, San Francisco, San Jose, St. Louis
Sales Representatives in Principal Cities



DRAVO Counterflo

DRAVO Counterflo INDUSTRIAL SPACE HEATERS

400,000 to 2,000,000 Btu/hr output

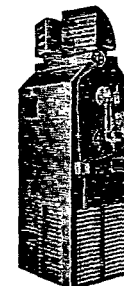
- **ECONOMICAL, VERSATILE**—Package type burner for gas, light oil, No. 4 oil or automatic switchover from gas to light oil. Easy to service, this is a rugged mill-type heater which will provide long-time, low-cost, efficient heating in most types of installations.
- **STAINLESS STEEL COMBUSTION CHAMBER**—Full floating stainless steel combustion chamber, designed for four-pass flame travel to assure maximum heat transfer. Economizer tubes whirlcool the hot gases for added efficiency.
- **APPROVALS**—Approved by A.G.A. and listed by Underwriters Laboratories, Inc., Dravo Safety Control Circuit is accepted by Factory Mutual Engineering Division and Factory Insurance Association.
- **10-YEAR GUARANTEE**—All standard model Industrial Heaters carry a fully bonded 10-year guarantee on all parts in direct contact with flame or flue gases.

DRAVO Paraflo SPACE HEATERS

200,000 to 250,000 Btu/hr. output

- **POWER AND FUEL**—Heater operates on 120 volt 60 cycle single-phase current. 440/220 volt three-phase operation can be supplied if desired. Burns light oil or gas.
- **FAST TRANSFER OF HEAT**—Stainless steel combustion chamber allows faster heat transfer and guarantees longer heater life and sustained efficiency. Equipped with UL approved gun-type oil burner or A.G.A. approved gas burner.
- **FLOATING COMBUSTION CHAMBER**—Supporting straps hold stainless steel chamber in place for inverted or horizontal mounting.
- **HEAT ANY DIRECTION**—Warms areas up to 3600 sq. ft. Directional nozzle can be rotated 360° heating any desired location, high velocity discharge assures adequate distribution up to 90 ft from the unit without the use of ductwork.

DRAVO Gas Fired Suspended Unit Heaters available for 40,000 to 184,000 Btu/hr applications.



DRAVO Paraflo

DRAVO Gas Fired SUSPENDED TYPE UNIT HEATERS

30,000 to 230,000 Btu/hr input

- **COMPLETE RANGE OF SIZES**—Heaters are available in a wide range of capacities in various model sizes with inputs from 30,000 to 230,000 Btu/hr.
- **FLEXIBILITY OF GAS FUELS**—Heaters can operate on natural, manufactured, mixed lp gases or dual fuel (natural lp).
- **LOW COST HEATING**—These heaters are ideal for economically heating small unit areas in commercial or industrial buildings such as garages, stores, machine shops, warehouses, amusement centers and other similar type buildings.



DRAVO Unit Heater