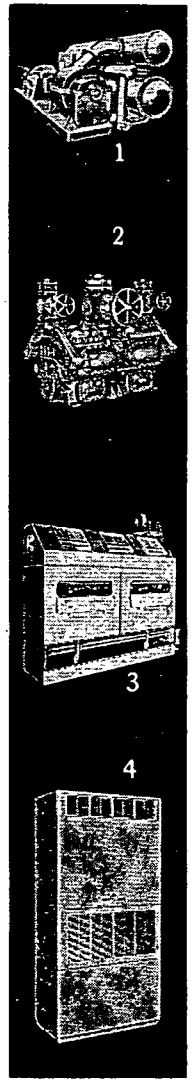
York Corporation

York, Pennsylvania

Factory Branches and Distributor Engineering and Sales Offices throughout the World.

Air Conditioning and Refrigeration for maintaining proper atmospheric conditions for industrial processes or comfort requirements. Installations of unit and central systems in a complete range of capacities and types for every design requirement.



Condensing and Water Cooling Systems—Turbo (centrifugal) brine and water cooling systems (1) available over wide range of capacities—up to 2500 tons refrigeration for Freon water cooling duty—suitable for steam turbine or motor drive. Self-contained dynamically balanced, non-vibrating V/W type reciprocating compressors (2) available in capacities up to 350 tons refrigeration in a single unit, with water cooled or economizer type condensers. Efficient automatic capacity reduction available for economical operation at reduced load.

The York Economizer (3)—A combined force-draft cooling tower and refrigerant condenser, is available for installations where prohibitive water costs or inadequate drainage facilities preclude the use of a water cooled condenser. Standard factory constructed and built-up units may be used singly or in multiple for applications of any specified capacity. Economizers for use with Freon as the refrigerant are furnished, as standard, with a liquid sub-cooling coil. Economizers also designed for cooling of quench oil and other liquid coolants.

Air Conditioning Units. A complete line of finned coil, dry coil, wetted surface and spray type sectional air conditioners for horizontal or vertical applications, designed to facilitate installation and the distribution of air. Standard units can be equipped with by-pass feature and arranged for cooling and dehumidifying, heating and humidifying.

Yorkaire Unit Air Conditioner (4)—A compact, self-contained model occupying but 21 x 42 inches of floor space and requiring only water, drain and electrical connections to operate. Special features provide utmost flexibility to meet varying conditions. Finger-tip dial control provides automatic and manual temperature and humidity control. Air volume and motion may also be adjusted by a special control and the directional grille provides directed air flow—up, down or from side to side. May be used with ducts if desired. Yorkaire Conditioners are ruggedly built, quiet in operation, equipped with standard fan and compressor motors for AC or DC.

Dehumidifiers—For central station systems where a large volume of air is to be handled and where control of humidity is an essential requirement, the York dehumidifier is especially applicable. Construction features insure a minimum space demand and maximum performance conditions. Standard washers are available in a full range of capacities for industrial installation.

American Furnace Co.

1300 Hampton Ave., St. Louis 10, Mo.

Factory-Red Bud, Ill. Home Office—St. Louis, Mo.

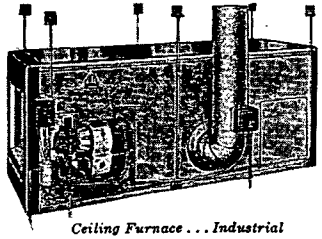
Manufacturers of Warm Air Heating Equipment

Distribution and Sales Offices in Principal Cities

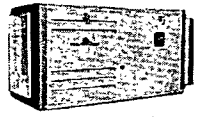
GAS - OIL - COAL FIRED HEATING UNITS

SPACE HEATERS—Suspended ceiling units for industrial and commercial installations—oil or gas fired. Space saving automatic heat—no furnace room needed. Functions effectively with minimum of duct work. Ratings up to 210,000 Btu output. Two sizes—oil input 1.35 gph and 2 gph.

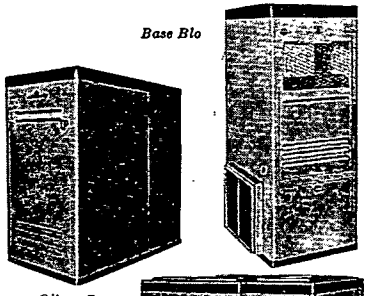
Unit Heater *A.G.A.* approved—Gas fired—vented—propeller fan forced air type modernly styled, die-formed, welded steel cabinet—baked Hammerloid finish. Heat exchange elements hidden from view and touch. Fan securely mounted at rear. Btu input, 90,000 and 150,000 per hour—air delivery cfm—1400 and 2300.



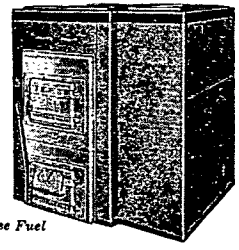
Ceiling Furnace . . . Industrial



Horizontal . . . Gas Fired



Oil or Gas Fired Modern Air



All-Purpose Fuel

GAS FIRED UNITS—*A.G.A.* approved Gravity, Forced Air, Base-Blo (hi-boy), Counter-Flo and Horizontal Ceiling models. Heat exchanger in Master Gas models—electrically welded steel—In Thermo design—sectional cast iron. Nationally known controls, double walled Hammerloid enamel finished cabinets. Hourly Btu input ratings, 70,000 to 300,000.

A.G.A. listed gas conversion units—single port upshot burners for all type gases. Ratings, 70,000 to 370,000 Btu input—for furnace or boiler installation.

OIL FIRED UNITS—Gravity, Hi-Boy, Counter-Flo and Forced Air units—Oil Master, Vapor-Fire and Air Stream models.

Burners—Pressure gun type and oil vaporizing type.

Combustion unit—Heavy gage steel, designed for efficient transfer of heat.

Cabinets—Double walled construction, finished in two-toned baked Hammerloid enamel.

Models available in a range of 75,000 to 250,000 Btu output per hour.

Conversion Burners—Pressure gun type—Sizes 75,000 to 588,000 Btu output. Fuel burning capacity—0.75 to 6 gal per hour.

SOLID FUEL UNITS—AFCO gravity steel furnaces and THERMO gravity cast iron furnaces—Thermo pipeless cast iron and AFCO Modern Air (Forced Air) steel units. Gravity units available in conventional round galvanized casing or in square cabinet finished in two-toned Hammerloid enamel. All units adaptable to automatic heat with gas, oil, or stoker. Btu capacity at registers up to 236,000 per hour. Stoker—"Triple Seal" construction eliminates hopper smoke nuisance. Three sizes 20, 35 and 50 lb coal feed per hour. Capacity up to 480,000 Btu per hour.

Descriptive Bulletin Available on each Unit.