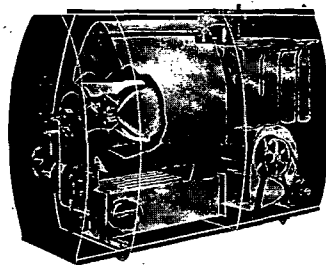
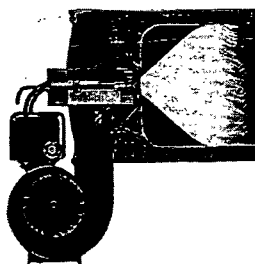


Car Wood Industries, Inc.
Heating Division

7924 Riopelle Street
Detroit 11, Michigan



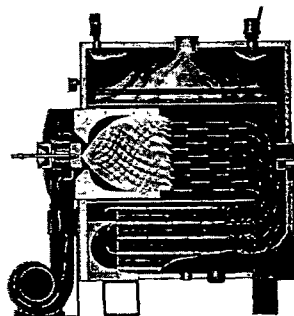
Tempered-Aire Unit



Oil Burner Combustion Chamber Firing Unit

OIL-FIRED Boiler-Burner UNITS

An internally fired, downdraft, high efficiency Boiler-Burner Unit employing the same firing unit used in the Tempered-Aire Furnace-Burner Unit.



Steam Type Boiler-Burner Unit

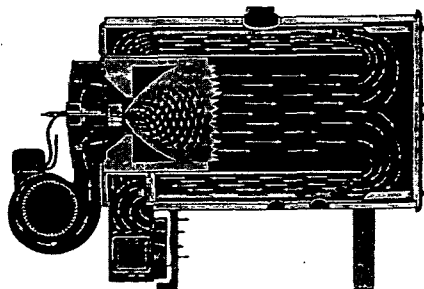
TEMPERED-AIRE UNIT

A high efficiency, direct fired heating unit incorporating a large-volume firebox, an integral economizer, a coordinated oil burner combustion chamber firing unit, a flash-type humidifier, washable cloth filters, and a low speed, resilient-mounted blower.

The primary transfer of heat occurs in the large firebox, having its outlet at the bottom, through which the hot gases pass down into the economizer. Here the gases divide into long thin slices, within the economizer tubes. Each tube is swept at high velocity by cold return air from the blower. The rapidly flowing cool air absorbs a maximum of heat from the economizer surfaces.

TYPE "O" OIL FIRING UNIT

The burner and fire bowl combustion chamber are built together as an actual unit, with the back end of the fire bowl forming a windbox containing air for combustion at sufficient pressure to offset the effect of draft variations. Air from the windbox passes through metering chutes, set at an angle to cause rotation. Both air and oil rotate and intermingle in a conical spray, resulting in a definitely controlled flame entirely contained within the fire bowl.



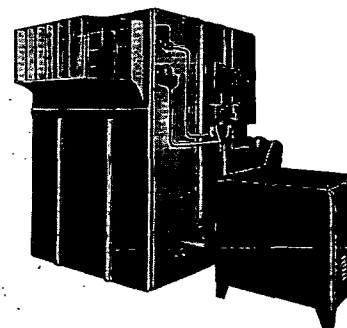
Hot Water Type Boiler-Burner Unit

The oil-fired Boiler-Burner Units are made in two types, an obround design having a steam chest for steam systems and a cylindrical design for hot water systems. The steam type is available with a built-in tankless water heater. The hot water type can be supplied with a domestic water storage tank having an integral water heater all contained within the boiler jacket.

Airtherm Manufacturing Company

728 S. Spring Ave.
St. Louis 10, Mo.

THE ENGINEERED LINE OF UNIT HEATERS



AIRTHERM Direct-Fired UNIT HEATERS

HEAT LARGE AND SMALL PLANTS ECONOMICALLY

They require no costly pipe or duct work and can be installed in a few hours. The heat is evenly distributed and thrown out as far as 200 feet. About 80 per cent of the fuel energy is utilized.

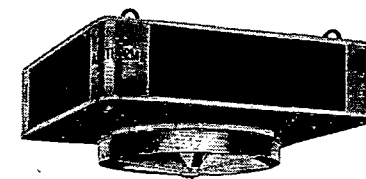
Airtherm Direct-Fired Unit Heaters do not require any maintenance. All you need do is set the automatic controls.

For coal, gas, and oil.

Made in 6 sizes (300,000—1,500,000 Btu).

ENGINEERING SERVICE

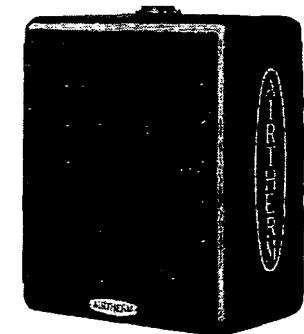
The Airtherm Mfg. Co. Engineering Department and District Representatives are at all times available for consultation. At your request we will place experienced engineering aid at your disposal. Representatives in all principal cities.



For Vertical Delivery

AIRTHERM COPPER COIL, STEAM UNIT HEATERS

Equipped with copper coils for longer life, durability, and resistance to corrosion. Individually controlled for economical operation. Deflectors are designed to give full efficiency from every ounce of steam expended. Write for bulletin showing specifications of complete line.



For Horizontal Delivery