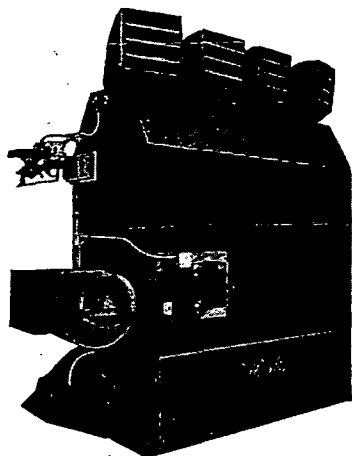


Airtherm Manufacturing Company

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

THE ENGINEERED LINE OF UNIT HEATERS



AIR THERM

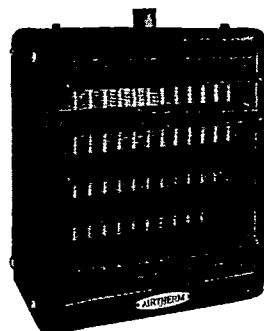
Direct-Fired
Warm Air Heaters

Offer You These Six
Heating Advantages

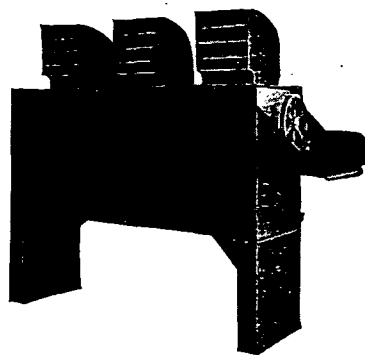
- 1.—A complete factory heating unit.
- 2.—Comes to you ready to set in place.
- 3.—Control system wired at factory.
- 4.—Available in floor-mounted or suspended models.
- 5.—Oil burners or gas burners are interchangeable to meet future fuel conditions.
- 6.—Capacities from 650,000 to 1,950,000 Btu per hour.

For detailed information, write for Bulletin 801-A.

AIR THERM STEAM UNIT HEATERS (Copper Coils)



Airtherm Horizontal Propeller Type Steam Unit Heater available in capacities from 26,000 to 274,000 Btu. Write for Bulletin 1206.



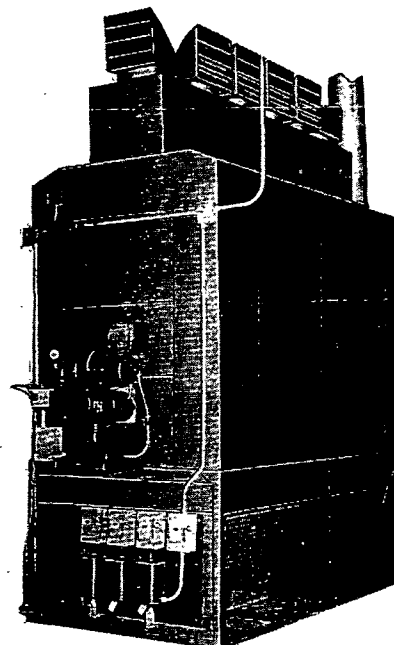
Airtherm Blower Fan Type Unit Heater available in capacities from 222,000 to 827,000 Btu. Floor, vertical or horizontal models. Write for Bulletin 401.

Chicago Steel Furnace Co.

9326 S. Anthony Ave., Chicago 17, Ill.

DIRECT-FIRED SPACE HEATERS

Standard Sizes Up to 1,500,000 B.T.U.



Fired with Gas or Oil

HEAT EXCHANGER—Designed and constructed in a near tear-drop shape which permits the air to flow with a minimum of friction. This design affords a maximum of both strength and area in its crown sheet, and reduces power consumption to the very minimum.

COMBUSTION CHAMBER—Fabricated from four way $\frac{3}{16}$ and $\frac{1}{4}$ in. floor plate. The chamber is of the correct size and shape to provide proper volumetric content for the complete combustion of oil or gas.

BLOWERS—Three standard up-blast discharge, multi-vane Blowers, each individually powered, are provided to supply the correct amount of air to properly cool the Heat Exchanger. Individually-driven Blowers are used because of the great flexibility of operation obtainable. Uniform bonnet temperature may be enjoyed by the simple expediency of increasing or reducing the amount of air driven around any particular section of the Heat Exchanger.

A Modern, Economical and Flexible Method of Heating Large Areas

TECHNICAL AND RATING DATA—Larger Sizes Available

SERIES "A"—MODEL NUMBERS		350-A	500-A	750-A	1000-A
Heat Delivery	Btu. per Hr.	350,000	500,000	750,000	1,000,000
Heating Surface	Sq. In.	26,152	34,152	46,330	59,124
Combustion Space	Cu. In.	82,264	119,416	182,232	243,524
Oil Firing Rate	G. P. H.	2.5—4.0	4.0—6.0	6.0—9.0	9.0—12.0
Air Delivery	C. F. M.	3,000 to 4,200	6,000 to 7,800	8,200 to 9,600	12,500 to 15,000
Blower Motor	3 Req'd. (ea.)	$\frac{1}{4}$ H. P.	$\frac{3}{4}$ H. P.	$\frac{1}{2}$ H. P.	1.0 H. P.
Dimensions					
Height	overall	8'-0"	9'-6"	9'-10"	10'-6"
Width	overall	3'-0"	3'-6"	4'-2"	4'-8"
Length	overall	6'-10"	7'-10"	8'-4"	10'-0"
Cold Air Inlet	2 each	6'-10" x 2'-0"	7'-10" x 2'-3"	8'-4" x 2'-7"	10'-0" x 3'-0"
Warm Air Outlet		6'-0" x 1'-0"	7'-0" x 1'-8"	8'-0" x 1'-8"	10'-0" x 2'-0"
Flue Gas Outlet	Diam.	8"	10"	12"	14"

"TERRITORIES NOW BEING ASSIGNED"