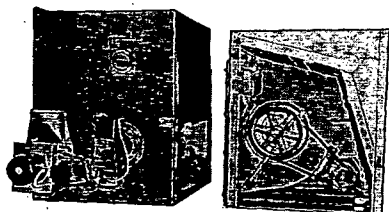


TJERNLUND MANUFACTURING COMPANY

2140 KASOTA AVENUE • ST. PAUL 8, MINNESOTA

Manufacturers of Industrial and Commercial Warm Air Heating Equipment, Oil and Gas Burners, Blowers and Draft Inducers



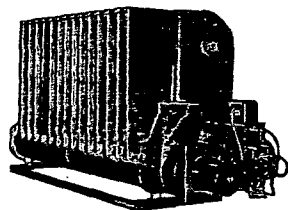
STYLE "A" LO-BOY

Heater with separate blower section for by-pass application. Blowers other than standard can be utilized i.e. model 150 blower can be used with model 100 furnace for additional air capacity.



STYLE "E" COUNTER FLOW HEATER

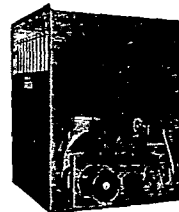
With jet fired power gas burner top or side inlet for return air.



EVEN-FLOW HEAT EXCHANGER

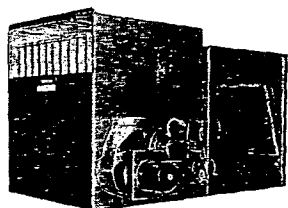
Multiple flue arrangement. Down flow of hot gasses gives a temperature equalizing effect which distributes the generated heat uniformly over the entire flue area. Direct firing into combustion area with no restrictions to block heat transfer to air stream. Stainless steel wrapper at combustion area.

Hi-Boy, Counter Flow, Suspended, Lo-Boy Heaters in a Complete Range of Sizes—Choice of Firing Equipment.



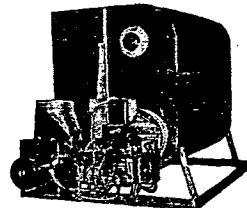
STYLE "A" DUCT HEATER

All heaters available as duct heaters in a variety of outlets and inlets for use in conjunction with air conditioning equipment.



STYLE "A" SUSPENDED OR LO-BOY

Heater filter inlet top or rear. Discharge top or front.



**3 STAGE
OIL BURNER
&
3 STAGE
GAS BURNER**

For makeup air, fluctuating loads, drying systems, heating and ventilating systems. Three individual burner heads, each comprising end cone, turbulator ring, nozzle and blast tube make possible efficient air velocities and oil atomizing pressures for each firing stage. Integral draft inducing fan provides positive draft. Single motor for operation of both oil burner and draft inducer. Standard SUNDSTRAND 2 STAGE fuel unit. Delayed action solenoid valves to each burner head provides pre-purge timing, control of oil for each firing stage and positive shut-off. Electronic control for fast, safe control. Standard ignition transformer.

ENGINEERING DATA

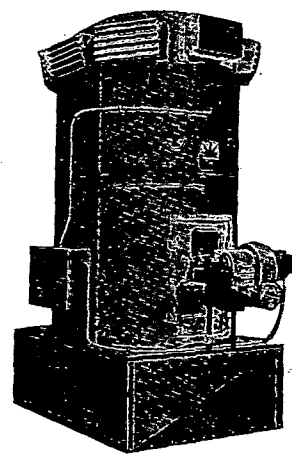
Model	BTU Output	CFM 34" S.P.	Input Oil GPH	Net Gas CFH	Blower P.H.	Phase Volt	RPM	No. Wheels	Wheel Size	Filters Quan.	Size
35	134,000	1000	1.30	120	1/2	1/110	650	1	12 x 12	2	12 x 25
50	184,000	2300	1.85	230	1/2	1/110	850	1	14 x 12	4	16 x 30
70	234,000	3300	2.50	320	1/2	1/110	1050	1	14 x 14	4	20 x 30
100	334,000	4300	3.50	400	3/4	1/120	1300	1	16 x 14	4	20 x 35
150	500,000	6300	4.50	600	1	3/220	2000	2	16 x 16	6	20 x 35
200	670,000	8400	6.00	800	1 1/2	3/220	2400	2	18 x 16	8	18 x 35
300	996,000	10000	8.00	1000	2	3/220	4300	2	18 x 18	8	20 x 25
340	1,138,000	12000	10.00	1400	2	3/220	4600	2	20 x 18	12	20 x 25

WRITE for COMPLETE CATALOG and SPECIFICATIONS

WANSON CORPORATION

Lewistown, Penna.

Exclusive manufacturers in the U.S.A. of Thermobloc Warm Air Heaters



Wanson

Thermobloc Direct-Fired, Self-Contained Commercial and Industrial Heaters are available in a complete range of sizes to meet every heating need. These units may be floor set or horizontally suspended from walls or ceilings. They may be furnished for oil, gas or combination oil-gas firing. Heaters with outputs from 300,000 to 1,250,000 Btu/hr in stock at all times. Write for information on larger sizes.

Underwriters Laboratories Inc.
INSPECTED

THERMOBLOC saves you more money by more effectively utilizing the economical principles of direct-heat transfer. Low in first cost, easy to install **THERMOBLOC** needs no special foundation, no expensive piping, radiation or duct work. A real "fuel miser," its operation at 82 percent to 86 percent efficiency means you get the most from your fuel dollar throughout the years... and because **THERMOBLOC** is fully automatic, no attendant is needed.

THERMOBLOC provides a wide variety of units, combinations and multiples which can conform to the exact heating requirements of any plant, regardless of size or shape. This **THERMOBLOC** flexibility makes possible the economical heating of plants that present problems which often cannot be solved with other types of heating equipment.

By placing **THERMOBLOC** in a strategic position, and adjusting the louvers, any amount of heat can be furnished where required—at the working level—and

not wasted in the ceiling... Sturdy, boiler-like construction of combustion and heat-transfer surfaces and the use of nationally known dependable controls, burners and fans make **THERMOBLOC** a unit that will give you reliable, long, trouble-free service.

THERMOBLOC is manufactured and sold in 36 countries. There are more **THERMOBLOC**s in daily use throughout the world, than any other warm air heater.



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