

Lee Corporation

Foot of Madison Street, P. O. Box 1801, Wilmington, Delaware

BALTIMORE, Md.

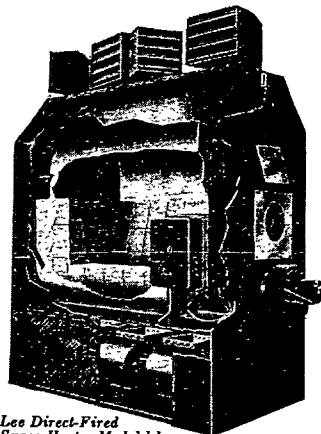
NEW YORK, N. Y.

CHICAGO, Ill.

Representatives in all Principal Cities

Manufacturers and Designers of Complete Line of Industrial and Commercial Warm Air Heaters

MODEL HD—750,000 to 2,000,000 Btu
MODEL VTH—2,000,000 to 6,000,000 Btu
MODEL TSE—2,000,000 to 8,000,000 Btu
MODEL BST—2,000,000 to 10,000,000 Btu



Lee Direct-Fired
Space Heater Model Hd
750,000 to 2,000,000 Btu

Types of Fuel

- Light Oil (#3 or Lighter)
- Medium Oil (#5 or Lighter)
- Heavy Oil (#6 or Lighter)
- Gas (Natural, Manufactured Propane, Coke Oven.)
- Combination Light Oil & Gas
- Combination Heavy Oil & Gas

LEE HEAVY DUTY HEATERS

LEE HEATERS have been in continuous operation since 1918. Lee Heater installations have been made in most of the States of the United States, in Canada, Alaska, Yukon Territory, Northwest Territory, Labrador, Iceland, Norway, Mexico and South America.

Firing Equipment manufactured specially for us by leading Companies with International service organization. There is a Service man near you if and when you require assistance. In addition Lee maintains a competent field serving staff.

Replacement and Spare Parts Service is maintained. Most items are carried in stock.

VERSATILE

Mount in any Position

- Floor-Mounted
- Horizontally Mounted (& Suspended)
- Vertically Mounted (& Suspended)
- Use with Ducts for Central Heating System
- Use without Ducts as Self Contained Heating System

	HD-750	HD-1000	HD-1250	HD-1500	HD-1750	HD-2000
Output Capacity (Btu per hr)	750,000	1,000,000	1,250,000	1,500,000	1,750,000	2,000,000
Total Heating Surface in Sq Ft	175	192	218	260	328	363
Cu Ft of Air per Min. (Approx.)*	8,500	11,000	14,000	17,000	20,000	22,000
Air Fan Motor h.p.	5	5	7½	7½	10	15
Induced Draft Fan Motor h.p.	½	½	½	½	¾	¾
External Static Pressure (Std.)	¼"	¼"	¼"	¼"	¼"	¼"
Maximum External Static Pressure Available for Duct Work**	1"	1"	1"	1"	¾"	¾"
Temperature Rise-Degrees F.	82°	80°	83°	82°	81°	84°
Fuel Consumption***						
Gas (cu ft per hr)	940	1250	1560	1880	2190	2500
Oil (gal per hr)	6.5	8.8	10.8	13.0	15.0	17.2
Shipping Weight-lbs						
Refractory Comb. Chamber	5000	5300	5800	7000	8600	9400
Stainless Steel Comb. Chamber	3100	3400	3800	4700	6300	7000
Heater Length	6'-4½"	7'-1½"	8'3"	8'-4½"	8'-4½"	9'-4½"
Heater Width	4'0"	4'0"	4'0"	4'4"	4'4"	4'4"
Heater Height	9'11"	9'11"	9'11"	11'-3¾"	11'11"	11'11"
Number of Outlets	3	4	4	4	4	4
Number of Blowing Fans	2	2	3	2	2	2

* Based on Standard Air at 70 F Free Delivery

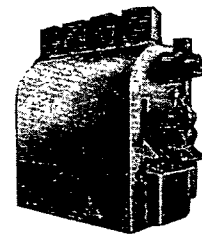
** Requires large Air Fan Motor

*** Fuel consumption based on 1000 Btu per cu ft of Gas, 145,000 Btu per gal of Oil and on 80 percent efficiency for the heater.

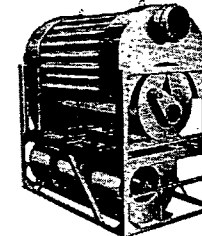
Mammoth Furnace Company

6452 Cambridge Street Minneapolis 26, Minnesota

Commercial-Aire



UL



Strong—built for rugged service and safe shipment.

Quiet Fan Operation—a rigid tubular fan shaft supported by two self aligning bearings eliminates shaft and bearing problems.

Retractable Burner Tray—allows complete service to burner. Permits removal from unit with no disassembly and minimum handling.

Central Control Cabinet—provides controls, fusing and wiring in an accessible dust-tight enclosure.

Direct Driven Induced Draft—trouble-free, vortex cooled motor shaft connection to blower wheel. No belts and additional bearings to service.

Variety Of Controls And Power Supplies—units may be "off-on" thermostat controlled, hi-low fire or modulated control.

Wiring and controls can be provided for all power supplies.

Integrated Burner Applications—burners by reputable manufacturers are tailored to produce the most effective flame configuration for the heater design.

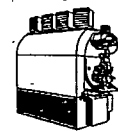
Combustion Safety And Draft Controls—MH-Electronic flame control system, pre-ignition draft purge timing and draft sensing give a high degree of operation safety.

Series "F" Floor mount with discharge heads for industrial plants, foundries, etc.

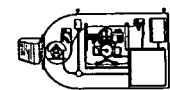
Series "H" Horizontally suspended unit for use where floor space is unavailable.

Series "FD" For duct distribution. For churches, schools, auditoriums, etc.

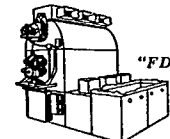
Series "U" Suspended inverted unit for make-up air applications in plants, foundries, etc.



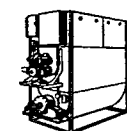
"F"



"H"



"FD"



"U"

SPECIFICATIONS

Model	Btu Output	Sq ft Sur- face E.D.T.	Cfm. @ 80° RISE	Blower DIDW	Motor hp	Approx. Fan rpm	Max Firing Rate		Length	Height†	Width	Plenum Opening	Mech. Exhaust Dis- charge	Approx. Shipping Weight
							Oil gph	Gas cfb						
300	300,000	135.3	4,000	14" twin	¾	575	3.0	375	60"	80"	32"	18x60	8" dia.	1,590
400	400,000	135.3	5,500	14" twin	1	640	4.0	500	60"	80"	32"	18x60	8" dia.	1,690
550	550,000	183.6	7,000	14" triple	1½	750	5.0	688	80"	80"	32"	18x80	8" dia.	1,950
700	700,000	183.6	8,700	14" triple	2	820	7.0	875	80"	80"	32"	18x80	8" dia.	2,150
800	800,000	276.8	10,000	18" triple	3	710	7.5	1,000	80"	83"	48"	22x80	10" dia.	2,775
1000	1,000,000	276.8	13,000	18" triple	5	790	9.5	1,250	80"	83"	48"	22x80	10" dia.	2,850
1250	1,250,000	431.0	16,000	18" triple	5	755	11.5	1,563	100"	96"	54"	26x100	10" dia.	3,850
1500	1,500,000	431.0	19,000	18" triple	7½	830	14.0	1,875	100"	96"	54"	26x100	10" dia.	4,010
1750	1,750,000	574.1	23,000	21" triple	7½	680	16.5	2,188	120"	98"	60"	30x120	12" dia.	4,750
2000	2,000,000	574.1	26,000	21" triple	10	740	18.5	2,500	120"	98"	60"	30x120	12" dia.	4,910

* Equivalent Direct Transfer. Head Projection Not Included.

** Adjustable.

† Burner Projections Not Included.

†† Discharge