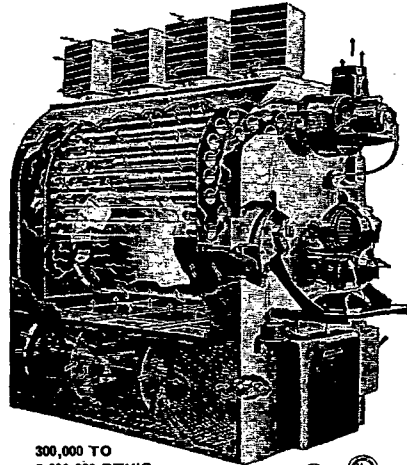


MAMMOTH FURNACE COMPANY

6425 CAMBRIDGE STREET • MINNEAPOLIS 26, MINNESOTA



300,000 TO
2,000,000 BTU'S

Commercial-Aire

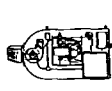
DIRECT-FIRED SPACE HEATERS

Commercial-Aire Direct-Fired Space Heaters have a high fuel-to-heat conversion efficiency. They are ruggedly built for quiet, vibrationless operation. All controls, wiring, and moving parts are accessible for service. Among the many desirable features are the central control cabinet, retractable burner tray, MH-Electronic flame control, pre-ignition draft purge timing and draft sensing, and vortex cooled motor shaft to blower wheel. A variety of controls, power supplies and burners by reputable manufacturers may be specified and integrated. Write for Bulletin C-357.

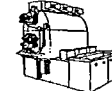
SAFETY TESTED and approved by A.G.A. Laboratories and Listed by Underwriters' Laboratories, Inc. Commercial-Aire safety control circuit is accepted by Factory Mutual Engineering Division and Factory Insurance Ass'n. Control circuit wiring meets J.I.C. Requirements.



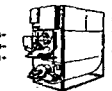
MODEL "F"
Floor mount with
discharge heads
for industrial
plants, foundries,
etc.



MODEL "M"
Horizontally sus-
pended unit for
use where floor
space is unavail-
able.



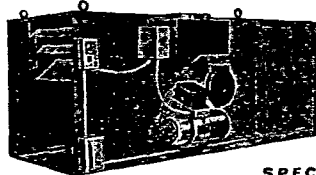
MODEL "FD"
For duct distribu-
tion. For churches,
schools, audi-
toriums, etc.



MODEL "U"
Suspended in-
verted unit for
make-up air ap-
plications in
plants, tool-
dries, etc.

SPECIFICATIONS

Model	Btu Output	Sq. ft. Htg. Surface E.D.T.	Cfm @ 1/2" S.P. 85° RISE	Blower DIDW	Motor hp	Approx. Fan rpm	Max. Firing Rate Oil gph Gas cfh	Length	Height	Width	Plenum Opening	Mech. Exhaust Discharge	Approx. Shipping Weight
300	300,000	135.3	4,000	14"-twin	1/4	575	3.0 375	60"	80"	32"	18x50	8"dia.	1,590
400	400,000	135.3	5,500	14"-twin	1	640	4.0 500	60"	80"	32"	18x50	8"dia.	1,690
550	550,000	183.6	7,000	14"-triple	1 1/2	750	5.0 688	80"	80"	32"	18x80	8"dia.	1,950
700	700,000	183.6	8,700	14"-triple	2	820	7.0 815	80"	80"	32"	18x80	8"dia.	2,150
800	800,000	276.8	10,000	16"-triple	3	710	7.5 1,000	80"	83"	48"	22x80	10"dia.	2,775
1000	1,000,000	276.8	13,000	16"-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.	3,250
1500	1,500,000	431.0	19,000	18"-triple	7 1/2	830	14.0 1,875	100"	96"	54"	26x100	10"dia.	4,010
1750	1,750,000	574.1	23,000	21"-triple	7 1/2	680	16.5 2,188	120"	96"	60"	30x120	12"dia.	4,750
2000	2,000,000	574.1	25,000	21"-triple	10	740	18.5 2,500	120"	96"	60"	30x120	12"dia.	4,910



COMPACTO HORIZONTAL SUSPENDED HEATERS

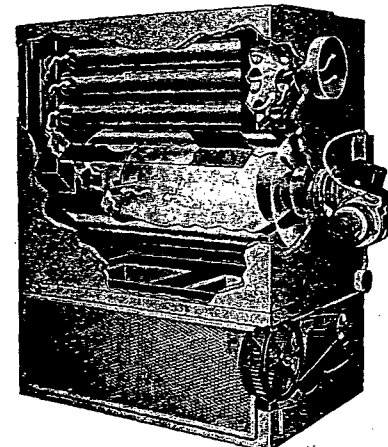
Require no floor space. Easily suspended from rafters or installed in loft or attic with or without ducts. Available as complete wired package ready for fuel line hook-up or with burner and controls unwired and unassembled. Has rugged 10 and 11 gauge welded plate steel heat exchanger with internal stainless steel combustion chamber for trouble-free performance. Oil or gas fired. Write for Bulletin 57S-1.

SPECIFICATIONS

MODEL	B.T.U. INPUT	B.T.U. OUTPUT	SO. FT. HEATING SURFACE	C.F.M. @ 1/2" S.P. 70° AIR	C.F.M. @ 1/2" S.P. 85° RISE	MOTOR H.P.	BLOWER SIZE	APPROX. BLOWER R.P.M.	FIRING RATES OIL G.P.H. GAS C.F.H.	APPROX. SHIPPING WEIGHT
185	232,000	185,000	55.4	2130	2460	1/2	14"	509	1.75 232	695
225	280,000	225,000	53.4	2580	2980	3/4	14"	539	2.00 280	725
260	326,000	260,000	78.2	3000	3455	1	16"	525	2.50 326	890
300	375,000	300,000	78.2	3450	3985	1 1/2	16"	565	2.75 375	935
350	450,000	350,000	130.3	4030	4655	1	18"	575	3.25 450	1010
400	500,000	400,000	130.3	4600	5313	1 1/2	18"	600	3.50 500	1040
450	560,000	450,000	130.3	5200	6000	1 1/2	18"	650	4.00 560	1055

MAMMOTH FURNACE COMPANY

6425 CAMBRIDGE STREET • MINNEAPOLIS 26, MINNESOTA



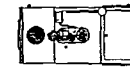
Compact-Aire HEATERS

Compact-Aire heaters are designed for churches, schools, commercial buildings, offices, light manufacturers and larger homes when a BTU output from 185,000 to 500,000 is indicated. Stainless steel cylindrical combustion chambers of high efficiency tailor flame of gas or oil fuel in any position (upright, horizontal or inverted). Ten year warranty.

High efficiency blower assembly and compartment feature low r.p.m. with low horsepower requirements. Has self-aligning, lifetime bearings balanced for vibrationless, low noise-level operation.

Heat exchanger extracts maximum heat for excellent fuel economy. Tubes welded into flared openings in head plate permit strain-free expansion and contraction.

Write for Bulletin CA-459



Series H for horizontal installation.



Series HD for horizontal duct installation with bypass.



Series U for inverted installation.



Series FD for upright duct installation with bypass.



FD LO-BY for low upright duct installation with bypass.

SPECIFICATIONS

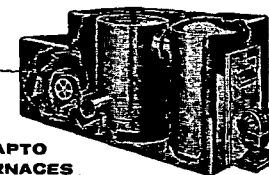
MODEL	B.T.U. OUTPUT	SO. FT. SURFACE	HEATING C.F.M. @ 1/2" S.P. 85° RISE	MOTOR H.P.	SIZE OF BLOWERS D.I.D.W.	APPROX. BLOWER RPM**	FIRING RATE OIL G.P.H. GAS C.F.H.	LENGTH	WIDTH	HEIGHT	APPROX. SHIP'S WEIGHT		
185	185,000	14.1	42.3	2343	1/2	1-13"	555	1.65	232	36	28	60	575
225	225,000	14.1	42.3	2958	3/4	1-13"	590	2.00	280	36	28	60	575
260	260,000	21.8	53.6	3295	1	2-13"	545	2.20	325	50	30	64	810
295	300,000	21.8	53.6	3895	1 1/2	2-13"	548	2.70	375	50	30	64	810
325	325,000	21.8	53.6	4269	1 1/2	2-13"	552	3.00	420	50	30	64	810
375	370,000	27.4	67.8	4698	1	2-15"	492	3.30	465	60	36	68	1020
415	415,000	27.4	67.8	5278	1	2-15"	515	3.70	520	60	36	68	1020
455	450,000	30.2	84.0	5707	1	2-15"	527	4.00	560	60	36	70	1220
500	500,000	30.2	84.0	6322	1 1/2	2-15"	545	4.50	625	60	36	70	1220

*Standard Static Pressure
**Variable

*Firing rates based on 140,000 BTU oil, 1,000 BTU gas at 80% efficiency.
*All dimensions subject to change without notice.

*External Static Pressure
**Adjustable

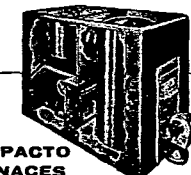
Firing rates based on 140,000 BTU oil, 1,000 BTU gas at 80% efficiency.
All specifications subject to change without notice.



ADAPTO FURNACES

7 Designs from 8 Sizes/315,000 to 2,379,000 B.T.U.'s Vertical tubular design, welded heavy duty boiler plate steel construction. Features long flue travel, heat saver, extra head space. Radiant straight line heat increases efficiency. Baked enamel casings. Oil, gas or coal fired.

Write for Bulletin 57M-1.



COMPACTO FURNACES

5 Sizes/175,000 to 413,000 B.T.U.'s Compact, efficient and economical. Vertical tubular design. Welded heavy duty boiler plate steel construction. Compact casing encloses primary chamber, heat saver, blower, motor and filters. Oil, gas, or coal.

Write for Bulletin 57M-1.