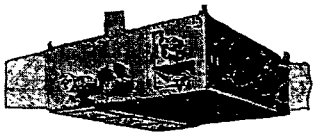
Campbell Heating Co.

3121 Dean, Des Moines 17, Iowa

WINTER-CHASER AIR CONDITIONING SYSTEMS

EASTERN REPRESENTATIVE: Neil Adams, 22 Jefferson St., Lambertville, N. J. Tel. No. 2-0655

Horizontal Unit Heater Oil & Gas



HEAVY DUTY HEATERS

For Large Churches, Schools,
(Up to 3,000,000 Btu)
Commercial & Industrial
Buildings

75 F Heating Guarantee

If the heating plant design is approved by our Engineering Department or designed by a Registered Engineer and the heater and blower are furnished by us and are in accordance with our ratings, we will guarantee the heating of all rooms to which warm air is delivered to 75 F in the coldest and windiest weather.

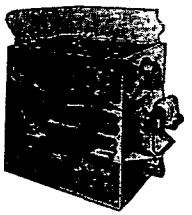
10 Year Durability Guarantee

All Campbell Heaters installed as described above are guaranteed for 10 years against repairs from any cause, parts to be furnished free f.o.b. the factory. Motor, humidifier, automatic burner and controls and other parts not manufactured by us carry their manufacturers' guarantee of one year against defects.

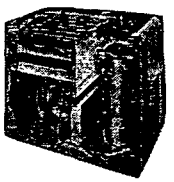
Engineering Service

Our Engineering Department will be glad to help the consulting engineer or architect solve any heating, ventilating or air conditioning problems or help with layouts and specifications for any large building. Our Engineering Department consists of trained graduate engineers backed by 73 years of practical experience.

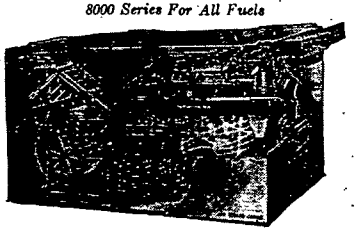
Gas



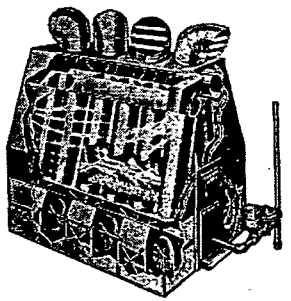
Lo-Boy Oil & Gas Fired



8000 Series For All Fuels



8000 Unit Heater For All Fuels



SPECIFICATIONS and DIMENSIONS

Unit No. *	HEATER: Output Capacity BTU/Hr. †	HEATER: Heating Surface Sq Ft	HEATER: Btu per Sq Ft Heating Surface	BLOWER‡: Normal cfm 140° Discharg. Temp.	BLOWER‡: Assumed External Static In. Water	BLOWER‡: Motor hp	MAX. FUEL RATE§: Oil gph	MAX. FUEL RATE§: 1000 Btu Gas cfh	MAX. FUEL RATE§: LP Gas gph	MAX. FUEL RATE§: Coal Lbs Per Hr.	DIMENSIONS: H in.	DIMENSIONS: L in.	DIMENSIONS: W in.
Hi Boy & Horizontal Unit Heater—Oil & Gas for Churches, Schools, Commercial & Industrial Buildings													
U225	225,000	83	2700	2750	½	½	2.0	280	2.8		66	48	23
U275	275,000	83	3300	3300	½	¾	2.5	350	3.5		66	48	23
U325	325,000	119	2700	4000	½	¾	2.9	400	4.0		72	54	29
U400	400,000	119	3300	4900	½	1	3.6	500	5.0		72	54	29
U500	500,000	180	2800	6100	½	1	4.5	625	6.3		84	60	34
U600	600,000	180	3300	7300	½	1½	5.4	750	7.5		84	60	34
U700	700,000	244	2850	8500	½	2	6.2	875	8.8		99	78	40
U800	800,000	244	3300	9800	½	2	7.2	1000	10.0		99	78	40
U950	950,000	333	2850	11,600	½	3	8.5	1200	12.0		108	106	48
U1100	1,100,000	333	3300	13,500	½	3	9.8	1375	13.8		108	106	48
Lo Boy Oil & Gas Fired for Large Residences, Small Churches, Schools, etc.													
H200	235,000	100	2350	2600	½	½	2.2	293	2.9		52	75	41
H250	275,000	125	2200	3300	½	¾	2.5	344	3.4		57	85	41
H300	340,000	136	2500	4000	½	¾	3.2	425	4.2		61	87	50
H350	400,000	152	2600	4600	½	1	4.0	500	5.0		61	87	50
H400	450,000	167	2700	5300	½	1½	4.5	560	5.6		61	87	50
H500	500,000	200	2750	6600	½	1½	5.5	625	6.2		74	91	60
H600	650,000	240	2700	8000	½	2	6.5	810	8.1		76	97	60
H700	750,000	280	2700	9200	½	2	7.5	940	9.4		72	104	80
8000 Series Oil, Gas, Stoker or Hand Fired For Large Schools, Churches, etc.													
8075	840,000	280	3000	11,000	¾	3	7.5	1050	10.5	100	93	134	76
8100	960,000	320	3000	12,500	¾	3	8.6	1200	12.0	114	95	153	76
8125	1,080,000	360	3000	14,100	¾	3	9.7	1350	13.5	129	97	171	76
8150	1,320,000	440	3000	17,300	¾	5	11.8	1650	16.5	157	98	195	76
8175	1,440,000	480	3000	18,900	¾	5	12.9	1800	18.0	171	99	202	76
8200	1,800,000	600	3000	23,600	¾	5	16.1	2250	22.5	214	120	216	94
8250	2,250,000	750	3000	29,500	¾	7½	20.1	2810	28.0	268	120	243	94
8300	2,700,000	900	3000	35,400	¾	7½	24.1	3380	33.8	320	132	251	104
8350	3,150,000	1050	3000	41,300	¾	10	26.1	3940	39.4	375	150	251	114
8000 Series Unit Heater—Oil, Gas, Stoker or Hand Fired—For Large Industrial Buildings													
U8125	1,080,000	360	3000	14,100	Consult	2–1	9.7	1350	13.5	129	97	105	76
U8150	1,320,000	440	3000	17,300	our	2–1½	11.8	1650	16.5	157	98	118	76
U8175	1,440,000	480	3000	18,900	Engineers	2–1½	12.9	1800	18.0	171	99	130	76
U8200	1,800,000	600	3000	23,600	if	2–2	16.1	2250	22.5	214	120	137	94
U8250	2,250,000	750	3000	29,500	duct	2–3	20.1	2800	28.0	268	120	157	94
U8300	2,700,000	900	3000	35,400	system	2–3	24.1	3380	33.8	320	132	157	104
U8350	3,150,000	1050	3000	41,300	is to	2–5	26.1	3940	39.4	375	150	157	144
					be								
					used.								

* Type A units include Special Oil or Gas Heater, Casing, Blower, Motor, Drive, Filters, Humidifier, and Blower Control but less Burner, Controls and Built-in Combustion Chamber.
Type B units include same as Type A plus Oil or Gas Burner and built-in Combustion Chamber and Standard Controls.

† Based on 80% thermal efficiency for oil and gas and 70% for coal. Add 10% to 35% over calculated heat loss for pick-up load and 10% to 15% for duct radiation losses. The higher figure is preferable for best operating economy and life of the equipment.

‡ For other air volumes and static pressures consult our Engineering Department.

§ An induced draft blower can be furnished if a stack or chimney is not available. The gas passages of the heaters are adequate so an induced draft blower is not ordinarily needed.

For Complete Specifications, See *Sweet's Catalog Service*