

## Campbell Heating Co.

3121 Dean, Des Moines 17, Iowa

### WINTER-CHASER AIR CONDITIONING SYSTEMS

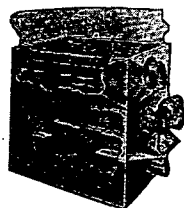
EASTERN REPRESENTATIVE: Neil Adams, 22 Jefferson St., Lambertville, N. J. Tel. No. EX 7-0665

## HEAVY DUTY HEATERS

For Large Churches, Schools,  
(Up to 3,000,000 Btu)

Commercial & Industrial  
Buildings

Gas



### 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.

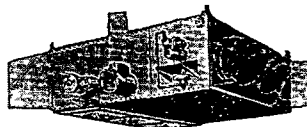
### 10 Year Durability Guarantee

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.

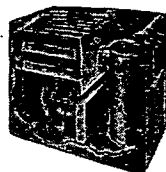
### Engineering Service

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.

Horizontal Unit Heater Oil & Gas



Lo-Boy Oil & Gas Fired



8000 Series For All Fuels



## SPECIFICATIONS and DIMENSIONS

| HEATER     |                           |                       |                               | BLOWER†                              |                                   |          | MAX. FUEL RATE‡ |                  |            |                  | DIMENSIONS |       |       |
|------------|---------------------------|-----------------------|-------------------------------|--------------------------------------|-----------------------------------|----------|-----------------|------------------|------------|------------------|------------|-------|-------|
| Unit No. * | Output Capacity BTU/Hr. † | Heating Surface Sq Ft | Btu per Sq Ft Heating Surface | Normal air flow 140° F. Disch. Temp. | Assumed External Static In. Water | Motor hp | Oil gph         | 1000 Btu Gas cfh | LP Gas gph | Coal Lbs Per Hr. | H in.      | L in. | W in. |

### Hi Boy & Horizontal Unit Heater—Oil & Gas for Churches, Schools, Commercial & Industrial Buildings

|       |           |     |      |        |     |       |      |      |      |     |     |    |
|-------|-----------|-----|------|--------|-----|-------|------|------|------|-----|-----|----|
| U225  | 225,000   | 84  | 2700 | 2750   | 1/2 | 1/2   | 2.0  | 280  | 2.8  | 66  | 48  | 23 |
| U275  | 275,000   | 84  | 3300 | 3350   | 1/2 | 3/4   | 2.5  | 350  | 3.5  | 66  | 48  | 23 |
| U325  | 325,000   | 121 | 2700 | 4000   | 1/2 | 3/4   | 2.9  | 400  | 4.0  | 72  | 54  | 29 |
| U400  | 400,000   | 121 | 3300 | 4900   | 1/2 | 1     | 3.6  | 500  | 5.0  | 72  | 54  | 29 |
| U500  | 500,000   | 182 | 2750 | 6100   | 1/2 | 1     | 4.5  | 625  | 6.3  | 84  | 60  | 34 |
| U600  | 600,000   | 182 | 3300 | 7300   | 1/2 | 1 1/2 | 5.4  | 750  | 7.5  | 84  | 60  | 34 |
| U700  | 700,000   | 244 | 2850 | 8500   | 1/2 | 2     | 6.2  | 875  | 8.8  | 99  | 78  | 40 |
| U800  | 800,000   | 244 | 3300 | 9800   | 1/2 | 2     | 7.2  | 1000 | 10.0 | 99  | 78  | 40 |
| U950  | 950,000   | 334 | 2850 | 11,600 | 1/2 | 3     | 8.5  | 1200 | 12.0 | 108 | 96  | 48 |
| U1100 | 1,100,000 | 334 | 3300 | 13,500 | 1/2 | 3     | 9.8  | 1375 | 13.8 | 108 | 96  | 48 |
| U1300 | 1,300,000 | 455 | 2850 | 16,000 | 1/2 | 3     | 11.6 | 1625 | 16.3 | 126 | 114 | 54 |
| U1500 | 1,500,000 | 455 | 3300 | 18,500 | 1/2 | 5     | 13.4 | 1875 | 18.8 | 126 | 114 | 54 |

### Lo Boy Oil & Gas Fired for Large Residences, Small Churches, Schools, etc.

|      |         |     |      |      |     |       |     |     |     |    |     |    |
|------|---------|-----|------|------|-----|-------|-----|-----|-----|----|-----|----|
| H200 | 235,000 | 100 | 2350 | 2600 | 1/2 | 1/2   | 2.1 | 293 | 2.9 | 52 | 75  | 41 |
| H250 | 275,000 | 125 | 2200 | 3300 | 1/2 | 3/4   | 2.5 | 344 | 3.4 | 57 | 85  | 41 |
| H300 | 340,000 | 136 | 2500 | 4000 | 1/2 | 3/4   | 3.0 | 425 | 4.2 | 61 | 87  | 50 |
| H350 | 400,000 | 152 | 2600 | 4800 | 1/2 | 1     | 4.0 | 500 | 5.0 | 61 | 87  | 50 |
| H400 | 450,000 | 167 | 2700 | 5300 | 1/2 | 1 1/2 | 4.5 | 560 | 5.6 | 61 | 87  | 50 |
| H500 | 500,000 | 200 | 2750 | 6600 | 1/2 | 1 1/2 | 5.4 | 625 | 6.2 | 74 | 91  | 60 |
| H600 | 650,000 | 240 | 2700 | 8000 | 1/2 | 2     | 6.7 | 810 | 8.1 | 76 | 97  | 60 |
| H700 | 750,000 | 280 | 2700 | 9200 | 1/2 | 2     | 7.2 | 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 | 3/4 | 3     | 7.5  | 1050 | 10.5 | 100 | 93  | 134 | 76  |
| 8100 | 960,000   | 320  | 3000 | 12,500 | 3/4 | 3     | 8.6  | 1200 | 12.0 | 114 | 95  | 153 | 76  |
| 8125 | 1,080,000 | 360  | 3000 | 14,100 | 3/4 | 3     | 9.7  | 1350 | 13.5 | 129 | 97  | 171 | 76  |
| 8150 | 1,320,000 | 440  | 3000 | 17,300 | 3/4 | 5     | 11.8 | 1650 | 16.5 | 157 | 98  | 195 | 76  |
| 8175 | 1,440,000 | 480  | 3000 | 18,900 | 3/4 | 5     | 12.9 | 1800 | 18.0 | 171 | 99  | 202 | 76  |
| 8200 | 1,800,000 | 600  | 3000 | 23,600 | 3/4 | 5     | 16.1 | 2250 | 22.5 | 214 | 120 | 216 | 94  |
| 8250 | 2,250,000 | 750  | 3000 | 29,500 | 3/4 | 7 1/2 | 20.1 | 2810 | 28.0 | 268 | 120 | 243 | 94  |
| 8300 | 2,700,000 | 900  | 3000 | 35,400 | 3/4 | 7 1/2 | 24.1 | 3380 | 33.8 | 320 | 132 | 251 | 104 |
| 8350 | 3,150,000 | 1050 | 3000 | 41,300 | 3/4 | 10    | 28.1 | 3940 | 39.4 | 375 | 150 | 251 | 114 |

\* 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 Stand-ard 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