# Campbell Heating Company

3121 Dean, Des Moines 17, Iowa

## DIRECT FIRED SPACE HEATERS

**Oil, Gas, Stoker, Hand Fired or Combination Gas and Oil Fired**

DIRECTOR, EASTERN SALES: NEIL ADAMS, OLD YORK ROAD, LAMBERTVILLE, N. J. TELEPHONE No. 665

**Heater Guaranteed for 10 Years from Any Cause, Blower, Motor, Burner and Controls, for One Year Against Defects.**

The Campbell Direct Fired Space Heaters are designed to be located in the room to be heated but they can be connected to a duct system for heating any type of building and are quiet enough to be used in churches, schools, etc.

They are designed to be shipped as a complete unit ready to connect to fuel line, electric power and flue but they can be shipped in sections for assembling in a basement room. The steel heater is then assembled and welded on the job.

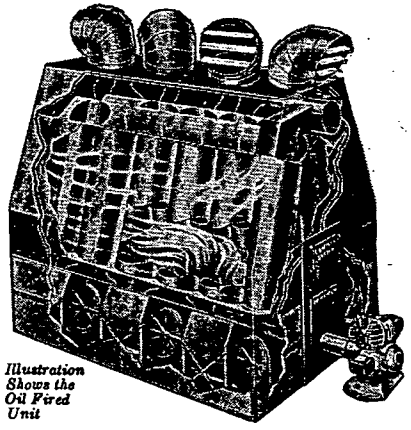


*Illustration Shows the Oil Fired Unit*

**Furnished also for Gas, Stoker or Hand Firing**

| Unit Number | Output Capacity Btu per hr. (1) | 65° Return Air—No Ducts | | Heating Surface SqFt (4) | Overall Dimensions Inches Not Incl. Burner | | | Stack Connection Dia. In. (5) | Firing Rates | | | Approx. Shipping Weight |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | CFM for 140° Outlet Temp. (2) | Motor HP (3) | | W | L | Ht. | | Oil GPH | 1,000 Btu GAS C.F.H. | Stoker Lbs/Hr | |
| U9075 | 725,000 | 8,850 | 2-¼ HP | 280 | 80 | 80 | 114 | 12 | 7.0 | 900 | 80 | 6,000 |
| U8100 | 893,000 | 10,900 | 2-½ HP | 320 | 80 | 93 | 118 | 14 | 8.5 | 1,120 | 100 | 7,200 |
| U8125 | 1,080,000 | 13,200 | 2-¾ HP | 360 | 80 | 105 | 120 | 16 | 10.5 | 1,350 | 125 | 8,500 |
| U8150 | 1,275,000 | 15,600 | 2-1 HP | 440 | 80 | 118 | 120 | 16 | 12.0 | 1,600 | 150 | 9,700 |
| U8175 | 1,440,000 | 17,500 | 2-1 HP | 480 | 80 | 130 | 120 | 18 | 14.0 | 1,800 | 175 | 11,500 |
| U8200 | 1,725,000 | 21,100 | 2-1 HP | 600 | 94 | 137 | 136 | 20 | 16.5 | 2,150 | 200 | 12,700 |
| U8250 | 2,160,000 | 26,400 | 2-1½ HP | 750 | 94 | 157 | 136 | 20 | 20.5 | 2,700 | 250 | 15,000 |

(1) Allow 10 to 35 per cent above heat loss for pick up load. If heater is not located in room to be heated an allowance for duct and other radiation losses should be made of 10 to 15 per cent above heat loss figures.

(2) Rated air volume produces 75 deg air temperature rise through the heater. This air volume can be varied to suit other conditions.

(3) Motor size can be increased to provide for any duct system.

(4) Heat Emission per square foot of heating surface is 3000 Btu per hour or less.

(5) An induced draft blower can be furnished if a stack or chimney is not available. The gas passages of the heater are adequate so that an induced draft blower is not ordinarily necessary. Stack connection can be provided through the top of the casing to support a stack through the roof, or out the front as illustrated.

*For data on other Campbell Products see pages 1158-1159*



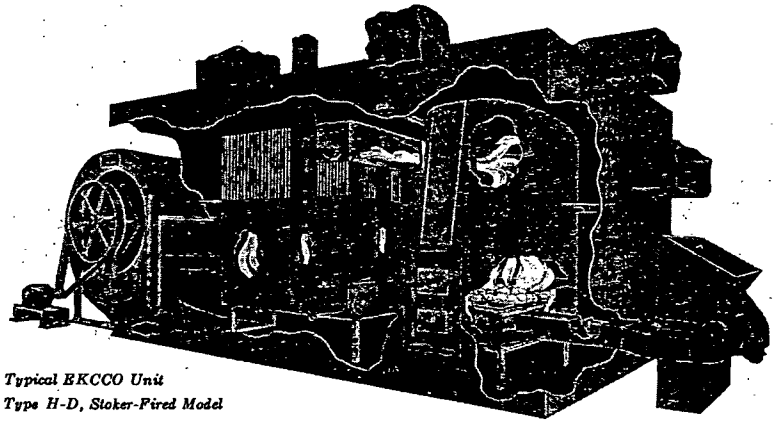


# E. K. Campbell Company

Kansas City 3, Missouri

## HEAVY DUTY FURNACE FAN EQUIPMENT

**Standard Units Up To 8,000,000 BTU/HR**



*Typical EKCCO Unit*
*Type H-D, Stoker-Fired Model*

- Made in Units from 500,000 Btu/hr to 8,000,000 Btu/hr.
- Available for any fuel or in "All-Fuels" model.
- Operating efficiencies up to 84 per cent with resultant fuel economy.
- Counter-Flow heat transfer.
- Drive thru principle exclusively (no suction applications).
- Low Internal resistance to flue gases.
- Fiberglas insulated casing.
- Baked enamel exterior finish.
- Extra Heavy welded steel construction throughout.
- Available in any required arrangement of duct outlets.
- Extreme flexibility of equipment arrangements.
- Balanced job design—blower and furnace sized separately.
- Sold only on an engineered basis to fit job requirements.

Used in thousands of large buildings over country, the E. K. Campbell Co's Type H-D Furnace-Fan system is particularly suited for buildings containing large spaces, such as industrial plants, churches, schools, hangars, etc. High quality equipment, designed to last, giving unusually low cost on a year service basis.

**The E. K. Campbell Company guarantees RESULTS as well as its equipment. Inquiries invited regarding LARGE SPACE HEATING PROBLEMS.**

*Manufacturing Engineers since 1910*