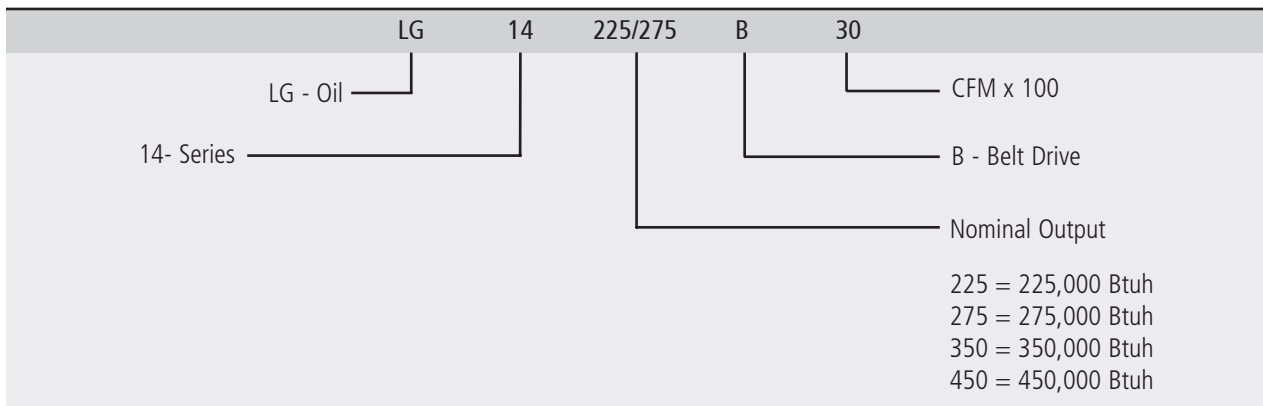


## Features:

- 3450 R.P.M. burner with stainless steel flame retention head, 115 volt
- Two-stage fuel pump
- Primary safety relay
- Primary fan and limit control
- Removable service panel for clean out
- Observation door
- Secondary fan and limit control
- Removable panel for service access to motor
- Blower motor internal overload protection, 115/230 volt factory wired for 230 volt
- Twin blowers mounted on rails for easy service (either side)
- Stainless 14 gauge steel heat exchanger
- Rugged secondary flue travel, corrosion resistant aluminized steel
- Can be installed horizontally or vertically
- Warranty
  - 5-years Heat Exchanger
  - 3-years on Burners
  - 1-year on Components
 See limited warranty document for details.

## Model Number Identification



## Physical & Electrical

| Model           | Oil Burner   |               |             | Steady State Eff'y. | Volts/Hz/Phase | Max. Time Delay Breaker or Fuse (amps) | Trans. (V.A.) | Weight (lbs.) |
|-----------------|--------------|---------------|-------------|---------------------|----------------|--|---------------|---------------|
|                 | Input (Btuh) | Output (Btuh) | Nozzle Size |                     |                |  |               |               |
| LG14-225/275B40 | 280,000      | 225,000       | 2.0 70°B    | 81.0%               | 230/60/1       | 30                                     | 12            | 520           |
|                 | 350,000      | 275,000       | 2.5 60°B    |                     |                |  |               |               |
| LG14-350/450B60 | 420,000      | 350,000       | 3.0 70°B    | 81.0%               | 230/60/1       | 35                                     | 12            | 680           |
|                 | 560,000      | 450,000       | 4.0 60°B    |                     |                |  |               |               |

Note: Filter not supplied as standard.

## Blower Performance

| MODEL           | Motor Size (hp) | Drive Pulleys & Belt Size (in.) | Motor Pulley Adjustment | Blower Motor Amps @Static <sup>1</sup> |     | Temp Rise ±10°F | CFM @External Static Pressure |     |     |                    |                    |                    |       |       |       |
|-----------------|-----------------|---------------------------------|-------------------------|--|-----|-----------------|-------------------------------|-----|-----|--------------------|--------------------|--------------------|-------|-------|-------|
|                 |                 |                                 |                         | .60                                    | .20 |                 | .20                           | .30 | .40 | .50                | .60                | .70                | .80   | .90   | 1.00  |
| LG14-225/275B40 | 1.5             | 4-1/8 X 11-3/4 58               | 5 Turns Open            | 8.4                                    | -   | 60              | -                             | -   | -   | 4,380              | 4,200              | 3,980              | 3,580 | 3,100 | 2,600 |
| LG14-350/450B60 | 2               | 4-1/8 X 13-3/4 61               | 3 Turns Open            | 11.2                                   | -   | 60              | -                             | -   | -   | 6,250 <sup>2</sup> | 5,800 <sup>2</sup> | 5,350 <sup>2</sup> | 5,900 | 5,600 | 5,050 |

<sup>1</sup> Blower motors are factory wired for 230V.

<sup>2</sup> Motor pulley 6 turns open

### Notes:

Barometric control included with oil burner package (shipped separate from cabinet)

Oil burner amps. 7.0 @ 115 volt Wiring to unit must have neutral line.

1-1/2 and 2 H.P. motors, 3450 R.P.M. All others are 1725 R.P.M.

## Oil Burner Kits

| Model           | Oil Burner |
|-----------------|------------|
| LG14-225/275C40 | A501-1     |
| LG14-350/340C60 | A502-1     |

Oil burner kits ordered separately

## Dimensions (in.)

| Model        | A  | B Supply | C Return | D  | Flue Diameter | E w/support channels |
|--------------|----|----------|----------|----|---------------|----------------------|
| LG14-225/275 | 44 | 40       | 40       | 12 | 8             | 46                   |
| LG14-350/450 | 63 | 59       | 59       | 12 | 9             | 65                   |

