

LG14-Series

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

INDUSTRIAL/COMMERCIAL OIL FURNACE

225,000 to 450,000 BTUH



Model Number Identification

| LG | 14 | 225/275 | B | 30 |
|-----------|----|--------------------|----------------|-----------|
| LG-Oil | | | | CFM x 100 |
| 14-Series | | | B - Belt Drive | |
| | | Nominal Output | | |
| | | 225 = 225,000 Btuh | | |
| | | 275 = 275,000 Btuh | | |
| | | 350 = 350,000 Btuh | | |
| | | 450 = 450,000 Btuh | | |



Limited Warranty—5 years on heat exchanger, 1 year on parts
(Some limitations apply; see printed warranty for details.)

www.century-hvac.com

LG14-Series

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 @ Static1" | | "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 | 5,800 | 5,350 | 5,900 | 5,600 | 5,050 | |

- 1 Blower motors are factory wired for 230V.
- 2 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

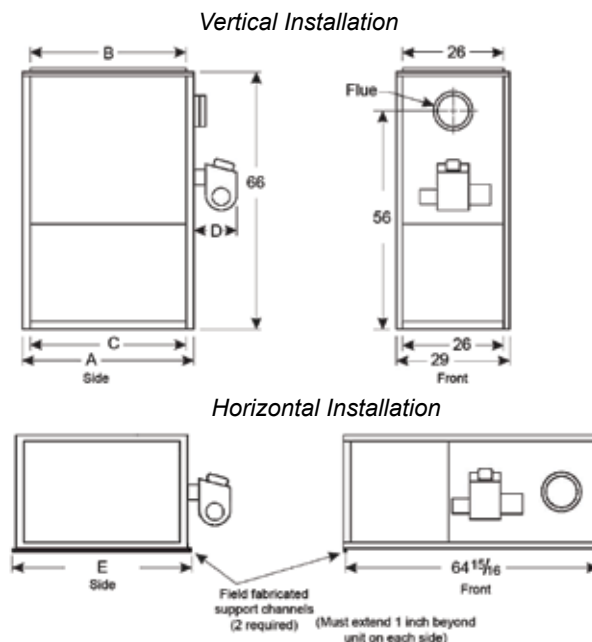
| Model | Oil Burner |
|-----------------|------------|
| LG14-225/275C40 | A501-1 |
| LG14-350/340C60 | A502-1 |

Oil burner kits must be 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 |

"This product complies with all California product labeling laws including, but not limited to, the Safe Drinking Water and Toxic Enforcement Act of 1986, more commonly known as Proposition 65."



Due to ongoing product improvements, specifications and dimensions are subject to change and correction without notice or incurring obligations. Determining the application and suitability for use of any product is the responsibility of the installer. Additionally, the installer is responsible for verifying dimensional data on the actual product prior to beginning any installation preparations.

Third party incentive and rebate programs have precise requirements as to product performance and certification. All products meet applicable regulations in effect on date of manufacture; however, certifications are not necessarily granted for the life of a product. Therefore, it is the responsibility of the applicant to determine whether a specific model qualifies for these incentive/rebate programs.