

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		

Comfort-Aire®

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

www.comfort-aire.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.

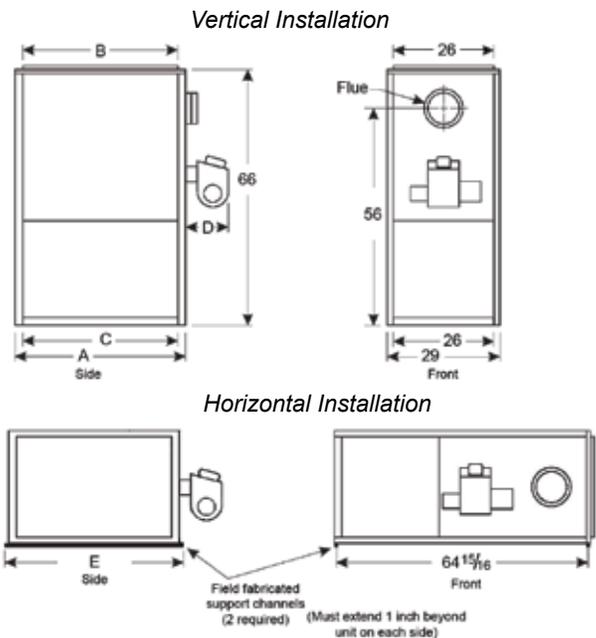
Oil Burner Kits

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.