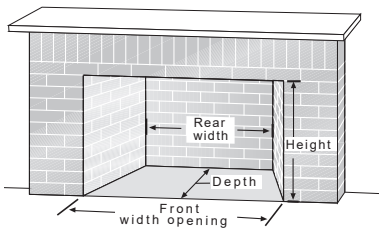
SPECIFICATIONS AND REQUIREMENTS

WARNING: This appliance is for installation only in a:

1. Solid-fuel-burning masonry or UL-127 factory-built fireplace, or
2. Listed ventless firebox enclosure.

It has been designed certified for these installations. Exception: DO NOT install this appliance in a factory built fireplace that includes instructions stating it has not been tested or should not be used with unvented burner systems.

Note: Installation in any other fireplace is prohibited and will void any approvals and warranties.



Fireplace Dimensions

Fig. 3-1

Any installation of this appliance is subject to minimum fireplace size requirements below:

This burner system is equipped with an Oxygen Depletion Sensor (ODS) safety pilot system. The ODS senses the amount of oxygen available in the room and shuts the burner system off before the oxygen level drops below 18%. The pilot can only be relit when fresh air is available. **This may require opening a window or a door to another room or cracking the damper open slightly.**

This burner system has been certified to two standards:

UNVENTED ROOM HEATER-ANSI Z21.11.2

VENTED DECORATIVE APPLIANCE-ANSI Z21.60

Check local or state codes to determine if vent-free heaters are permitted in your locality before you install this burner system as a vent-free appliance. If not permitted, you may install and operate this burner system as a vented appliance.

This unit may not be installed in a vented fireplace with a chimney of less than 15 feet in height.

Observing minimum fireplace dimensions and centering the appliance in the fireplace will ensure adequate clearance for accessibility for purpose of servicing and proper operation. It may be necessary to disconnect the unit for some types of service.

Log Set Size	Minimum Fireplace Size (refer to Fig. 3-1)			
	Width		Depth	Height
	Front	Rear*		
16" log set	17"	13"	9 1/2"	17"
20" log set	21"	13"	9 1/2"	17"
24" log set	26"	13"	9 1/2"	17"

* based on minimum depth

Burner Model	BTU Rating			
	Nat. Gas		L.P. Gas	
	High	Low*	High	Low*
G8E-16/20/24(-12) (Standard)	20k	N/A	20k	N/A
G8E-16/20/24(-12) (Reduced)	9.5k	N/A	9.5k	N/A
G8E-16/20/24-15	20k	7.5k	20k	7.5k

* Low ratings apply to 15 models only.

Minimum Permanent Free Opening in Chimney (when used as a vented appliance)		
Table 3-1	**Factory built fireplaces***	
Chimney Height	**Standard Models**	**Reduced Models**
15'	9 sq. in.	5 sq. in.
20'	8 sq. in.	4 sq. in.
25'	7 sq. in.	4 sq. in.
30'	6 sq. in.	3 sq. in.

* For masonry-built fireplaces, add 10 sq. in. to amount shown.

Specification	Value	Qty.
Remote receiver battery type	AA battery	4
Remote transmitter battery type	12V battery	1

Table 3-2 - Technical Data (if applicable)