SPECIFICATIONS AND REQUIREMENTS

Real Fyre gas burner systems must be installed only in a wood burning fireplace, UL-127 factory built fireplace, or listed ventless firebox enclosure design certified for these installations with the minimum firebox dimensions and venting requirements met (see following tables). This appliance is designed to burn with yellow flames; adequate ventilation is absolutely necessary.

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

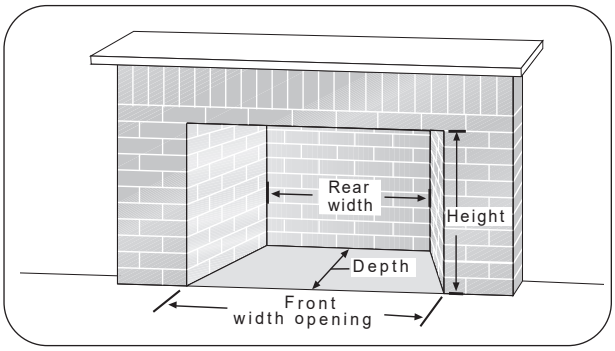


Fig. 11-1 Fireplace Dimensions

Product Specifications

Model	Minimum Fireplace Size				BTU Rating			
	Width		Depth ‡	Height	Nat. Gas		L.P. Gas	
	Front	Rear †			High Setting	Low Setting (**2VT models only**)	High Setting	Low Setting (**2VT models only**)
ODG15-24/30 (24" log set)	35"	28"	16"	17"	55k	24k	45k	22k
ODG15-24/30 (30" log set)	39"	32"	16"	17"	55k	24k	45k	22k

† Rear width is at corresponding depth.

‡ If an ash lip exists, the depth requirement begins inside of the lip (see Fig. 11-1 below).

Table 1 - Product Specifications

Specification		Value	Qty.
2VT Series	Burner system battery type	AA battery	4
	Remote transmitter battery type	12V battery	1
02 Series	Burner system battery type	D battery	2
	Remote transmitter battery type	12V battery	1
	Remote receiver battery type	AA battery	4

Table 2 - Battery requirements

Fireplace Floor Requirements

- **DO NOT install this burner system if the fireplace hearth is recessed.**
- DO NOT install this burner system in a fireplace with an ash lip or recess greater than 3/4".
- The depth (as indicated in the chart above) begins inside of the lip.

Note: If glass doors are used: the fireplace floor must not be blocked by the door frame; the frame must have openings to allow for fresh air circulation.

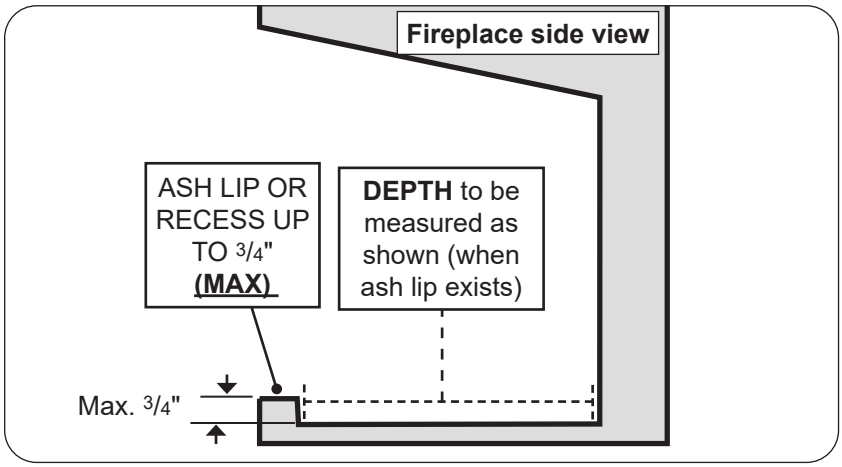
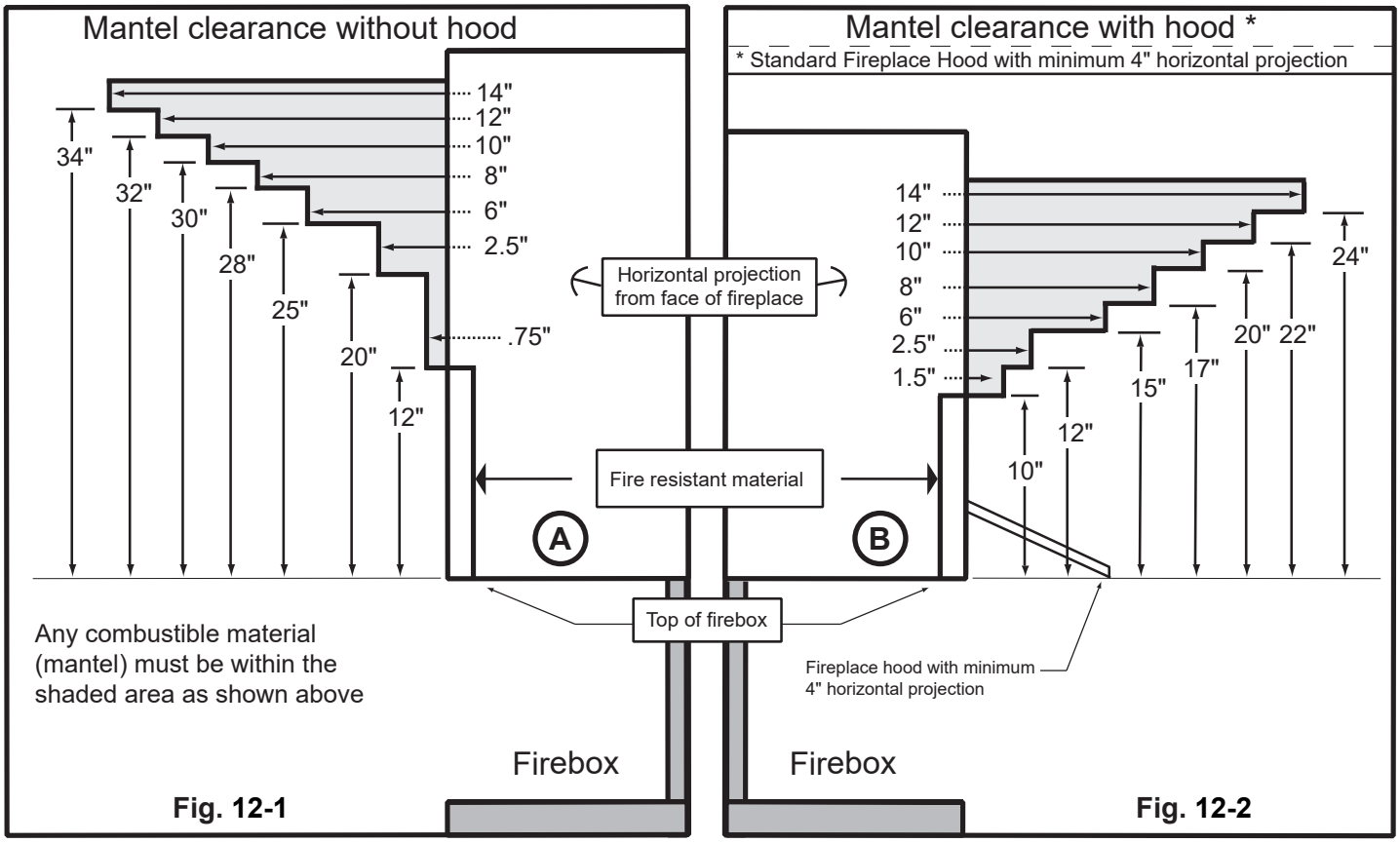


Fig. 11-1 Ash lip/recess detail


Mantel clearance without hood
14"
12"
10"
8"
6"
2.5"
.75"
34"
32"
30"
28"
25"
20"
12"
Horizontal projection from face of fireplace
Fire resistant material
A
Top of firebox
Any combustible material (mantel) must be within the shaded area as shown above
Firebox
Fig. 12-1
Mantel clearance with hood *
* Standard Fireplace Hood with minimum 4" horizontal projection
14"
12"
10"
8"
6"
2.5"
1.5"
24"
20"
22"
17"
15"
12"
10"
B
Fireplace hood with minimum 4" horizontal projection
Firebox
Fig. 12-2

GLASS DOOR REQUIREMENTS

If this burner system is installed in a fireplace with glass doors, and the door frame bottom is greater than 3/4" in height, the frame MUST have slots (above the fireplace floor) that allow adequate ventilation. This prevents airflow obstruction (to the fireplace floor). See Fig. 13-1.

Note: The doors can be installed in front of an ash lip (that meets the requirements, see FIREPLACE FLOOR REQUIREMENTS section).

Important: The opening (with doors fully open) MUST meet the minimum fireplace size front width and height requirements. See the SPECIFICATIONS section and Fig. 13-1.

Important: The glass doors MUST be fully open when the burner is in operation.

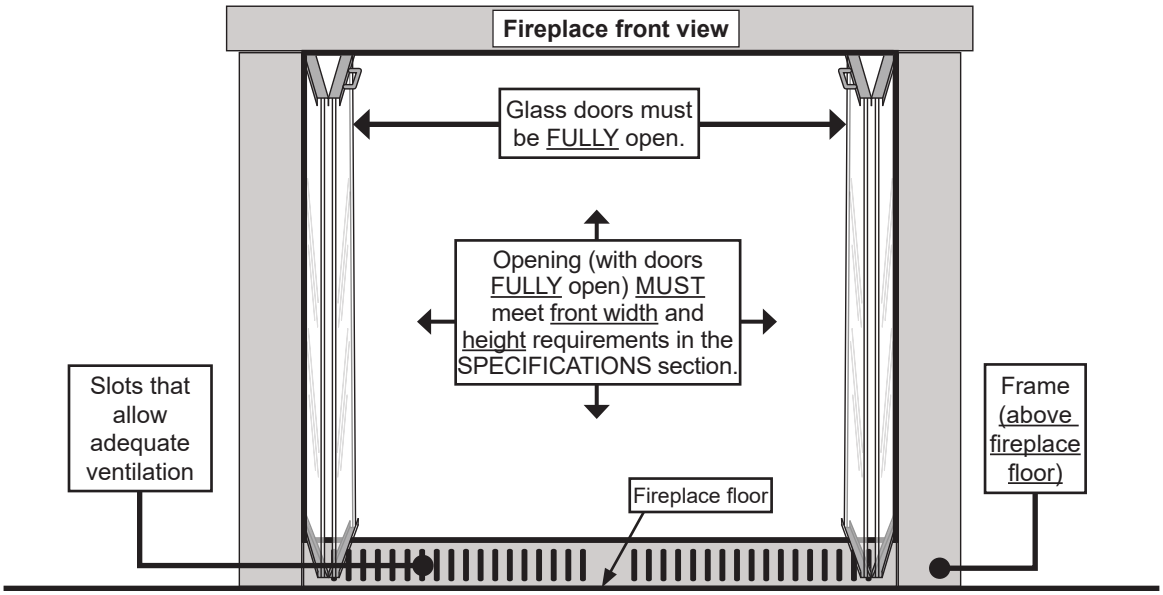


Fig. 13-1 Correct glass-doors frame setup, ventilation, and use (if applicable)

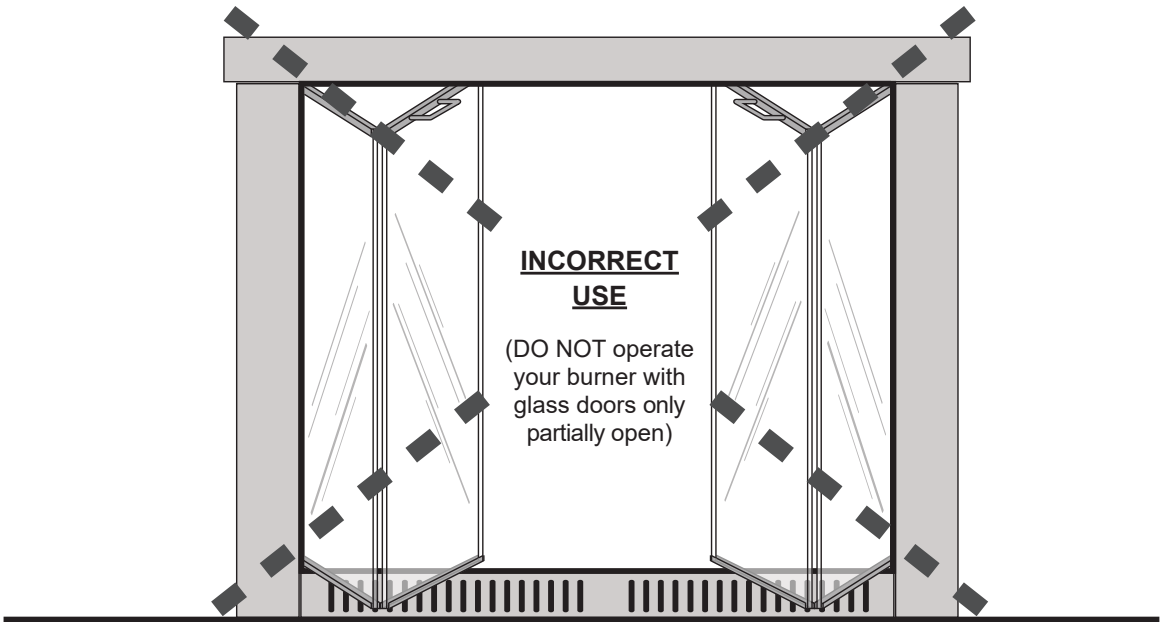


Fig. 13-2 Incorrect glass-doors frame setup, ventilation, and use (if applicable)

SPECIFICATIONS AND REQUIREMENTS (cont.)

Only the Real Fyre decorative media options listed below are approved for use with this product. This burner system includes lava granules to be placed on the fireplace floor surrounding the burner system and fyre stones to enhance the flame appearance. The log sets designed specifically for this burner system are available in two size options and are sold separately; contact your local Real Fyre dealer when ordering.

Lava Granules and Fyre Stones (included):

Media Type	Correct Amount of Media
Lava Granules	5 lbs
Fyre Stones	5 oz

Table 3 - Lava Granules and Frye Stone Amounts

Log set (not included):

Log Set Size	Foothill Oak model #	Foothill Split Oak model #
24"	FTO-24	FTSO-24
30"	FTO-30	FTSO-30

Table 4 - Log Set Details

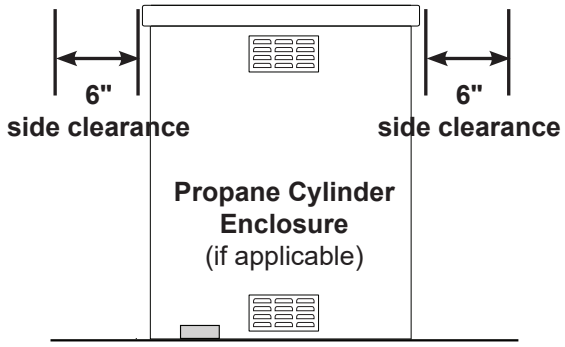
See INSTALL DECORATIVE MEDIA section for placement details.

L.P. CYLINDER ENCLOSURE CLEARANCES (if applicable)

The dimensions shown below are **MINIMUM CLEARANCES** to maintain when you install a propane cylinder enclosure.

ALL CLEARANCES AND INFORMATION STATED HERE MUST BE MAINTAINED AND FOLLOWED.

Description	Propane Cylinder Enclosure (if applicable)
Side clearance (from unit edge to any construction)	6"
Clearance above enclosure (from top to any construction)	0"
Clearance below enclosure	0"



Floor must be a hard, level surface. Combustible materials permitted.

02 SERIES WIRING DIAGRAM

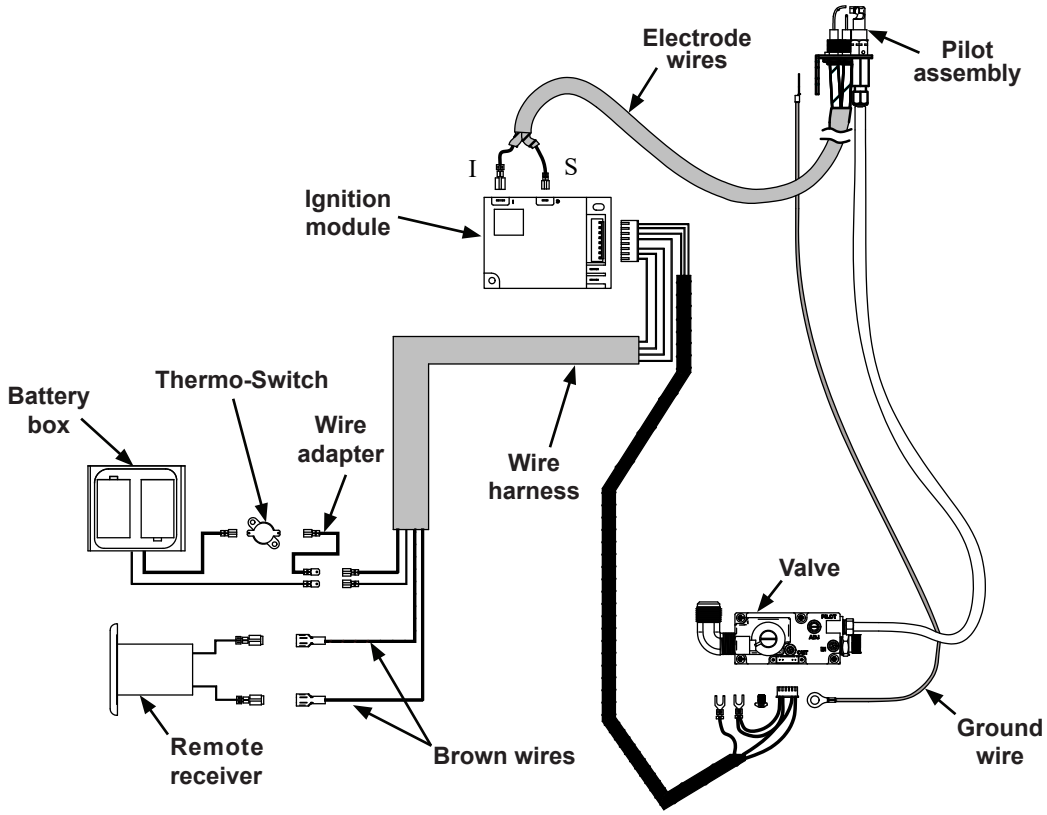


Fig. 15-1

2VT SERIES WIRING DIAGRAM

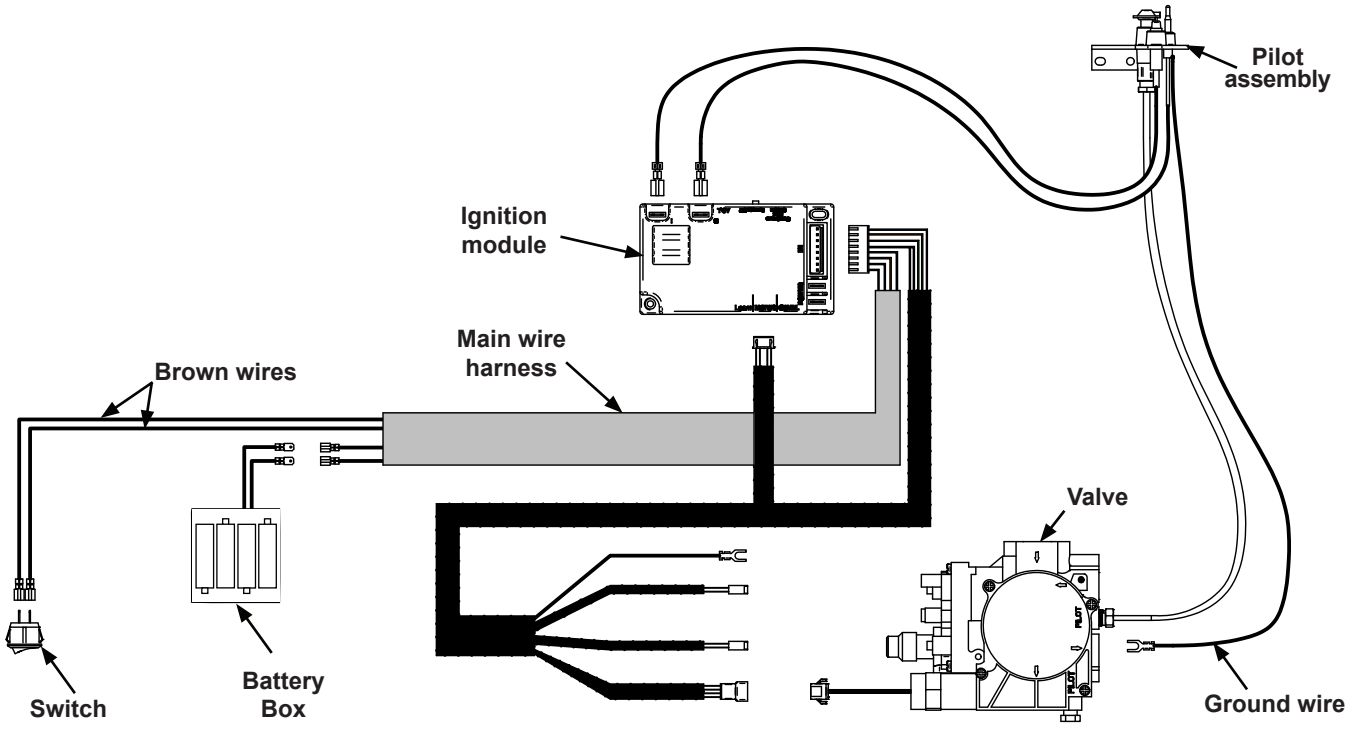


Fig. 15-2