# SPECIFICATIONS

**Real Fyre gas burner systems must be installed only in a wood burning fireplace 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.**

## Product Specifications

| Model | Minimum Fireplace Size | | | BTU Rating | |
|---|---|---|---|---|---|
| | Width * | Depth † | Height | Nat. Gas | L.P. Gas |
| G45-2-16/19 | 29" | 15" | 17" | 50k | 35k |
| G45-2-18/20 | 30" | 17" | 17" | 85k | 60k |
| G45-2-24 | 34" | 17" | 17" | 105k | 70k |
| G45-2-30 | 40" | 17" | 17" | 110k | 90k |
| G45-2-36 | 46" | 22" | 17" | 110k | 90k |
| **Important Information Regarding Dimensions** | | | | | |
| * This required width allows for centering of the unit. For 02 models, add 2" to width. † If an ash lip exists, the depth requirement begins inside of the lip (see Fig. 6-1 below). | | | | | |

**Table 1** - Product Specifications

| Specification | Value | Qty. |
|---|---|---|
| 02 burner system battery type | D battery | 2 |
| Remote transmitter battery type | 12V battery | 1 |
| Remote receiver battery type | AA battery | 4 |

**Table 2** - Technical Data (if applicable)

## ASH LIP/RECESS REQUIREMENTS (if applicable)

- 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.

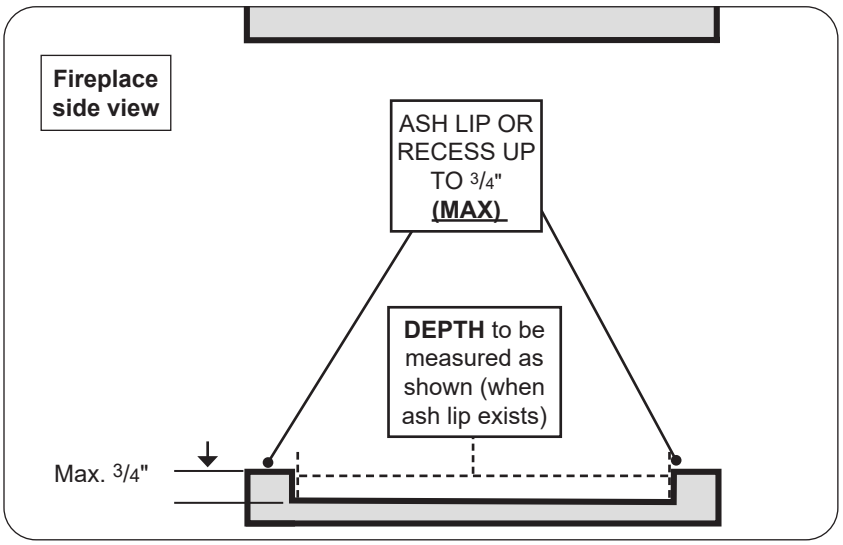



**Fig. 6-1** Ash lip/recess detail

## 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. 7-1.

**Note:** The doors can be installed in front of an ash lip (that meets the requirements on the previous page).

**Important:** The opening (with doors fully open) MUST meet the minimum fireplace size front width and height requirements. See the Table on the previous page and Fig. 7-1.

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

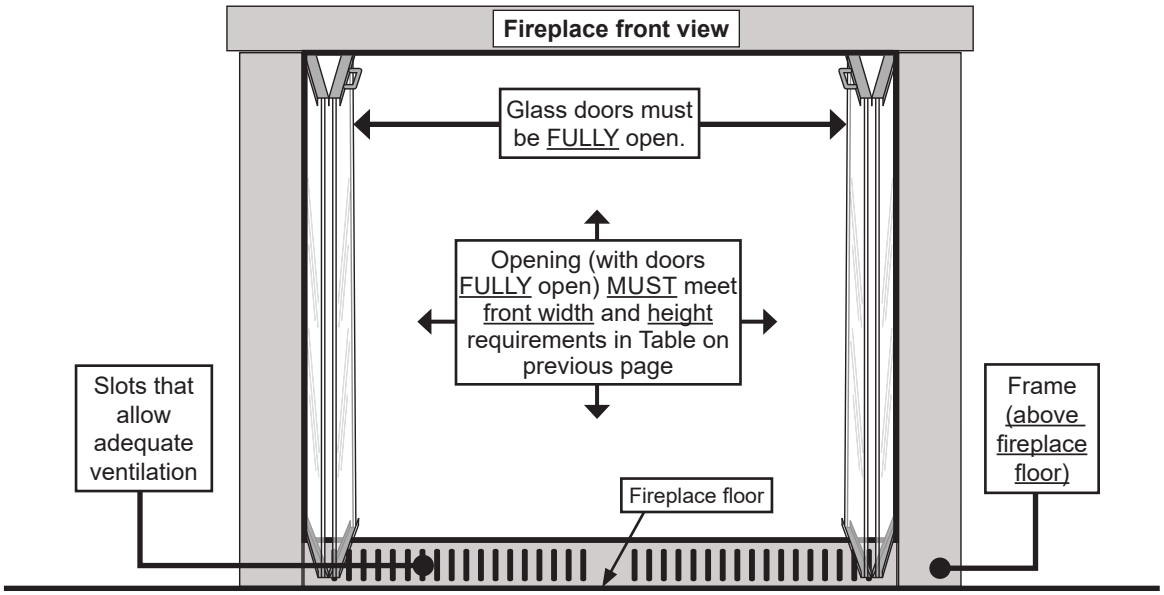



**Fig. 7-1** Correct glass-doors frame setup, ventilation, and use (if applicable)

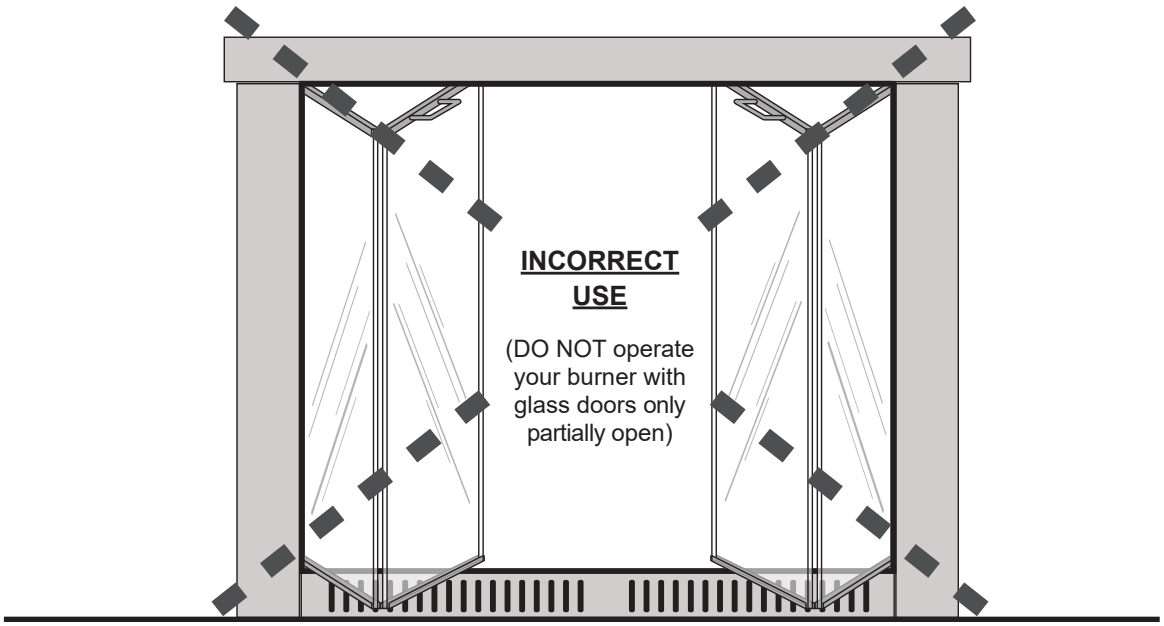



**Fig. 7-2** Incorrect glass-doors frame setup, ventilation, and use (if applicable)

## 02 SERIES WIRING DIAGRAM

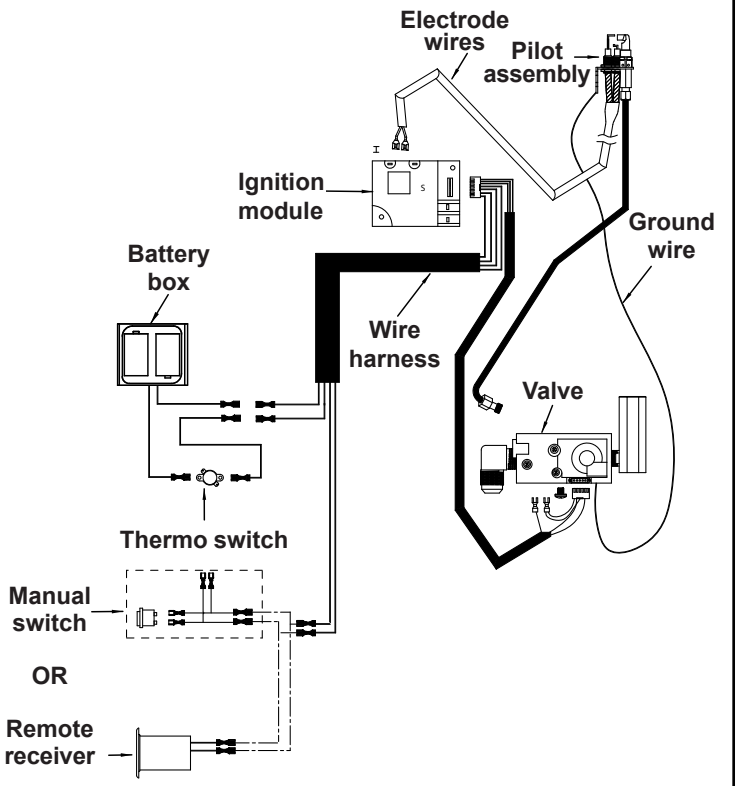



Fig. 8-1

## 11 SERIES WIRING DIAGRAM

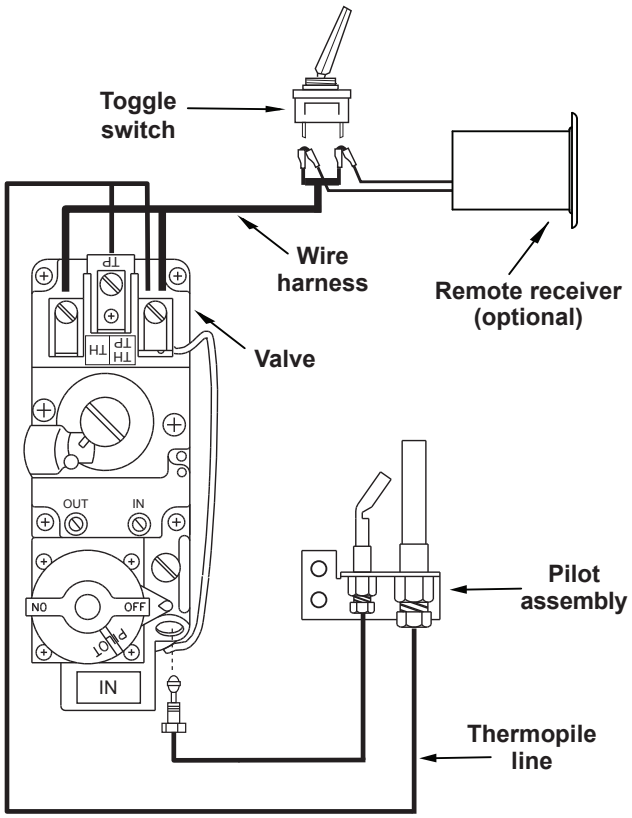



Fig. 8-2

## 15 SERIES WIRING DIAGRAM

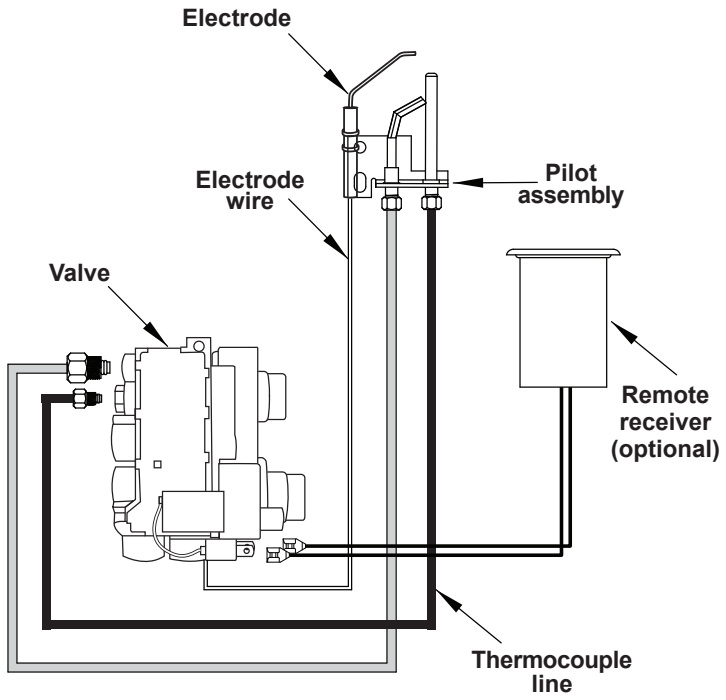



Fig. 8-3

## 17 SERIES WIRING DIAGRAM

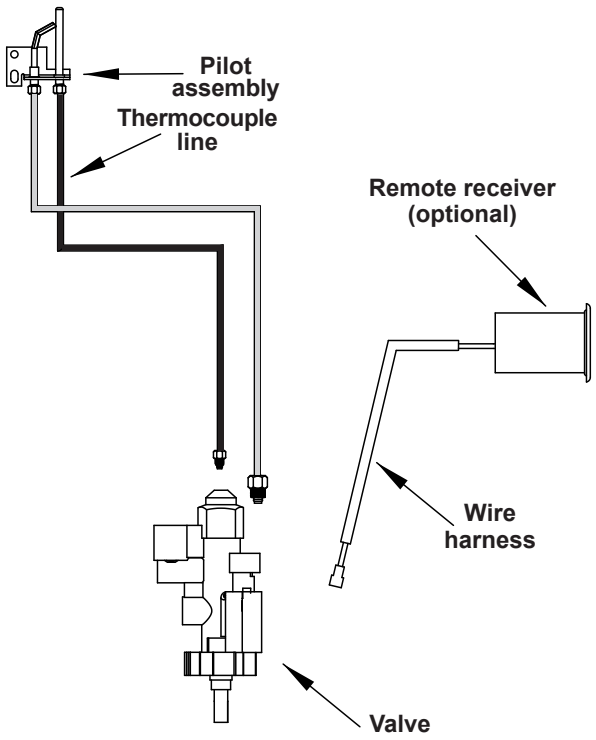



Fig. 8-4