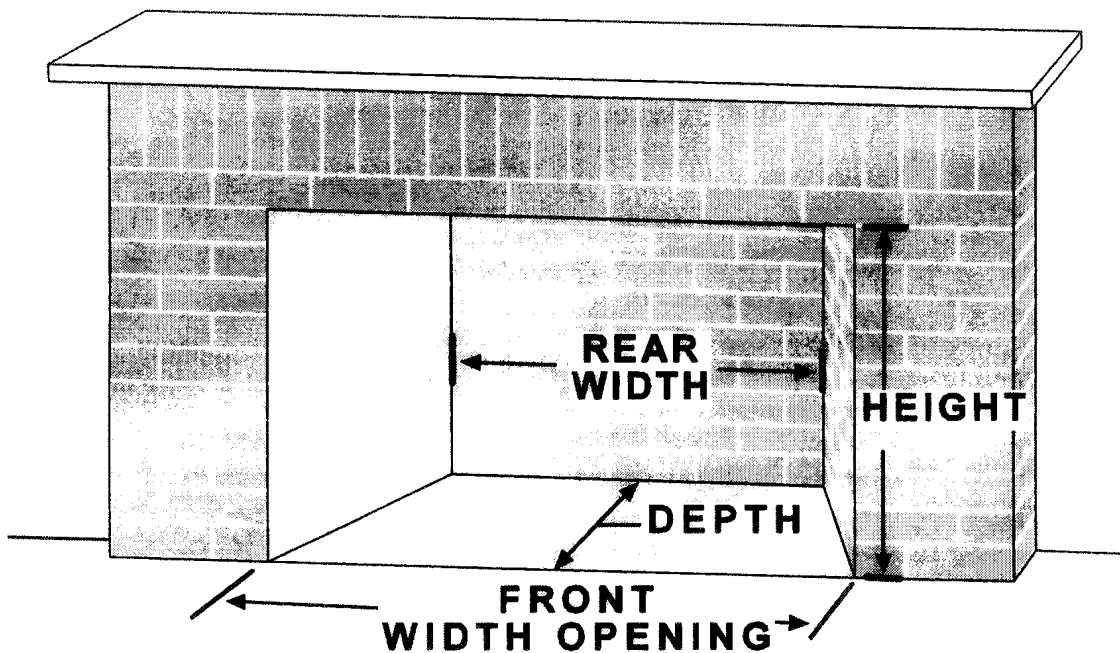


Robert H Peterson Company



Sizing
Real-Fyre Gas Log Sets
For Your Fireplace

Sizing Real-Fyre Gas Log Sets

In determining the correct size of a Peterson vented gas log set, consider the following items:

I. General Rules

- ◆ Make certain that the fireplace is capable of safely burning solid fuels (wood burning fireplace). The products of combustion must vent (draft)
 - The flue must open to at least 51 sq.in. (8" round), or more with log sets 36" and larger.
 - The chimney must be high enough (for most sets, 15' above the hearth floor) and be clear of the roof line around it by 3'
 - The chimney passageway must be clear and free of obstructions and must be CLEAN before installing the gas logs.
 - The fireplace floor should be relatively smooth and flat. Any ash dumps must be sealed, offset bricks repaired, etc.
- ◆ Check the location of the gas supply line. It is most often on a side wall, a few inches from the rear wall, and slightly off the floor. If the pipe protrudes too far into the fireplace, you may need to cut it, or alter the size or type of log set being installed. If the gas supply comes up from the floor, you may need to relocate the gas line or use a longer connector kit (CK) and/or a different burner.
- ◆ Know the local or state codes. Codes may affect what products may be installed and how they must be installed in your fireplace.
- ◆ Know the gas type (Natural or LP) that is to be used.
- ◆ Know the burner style that has been chosen. Different burners require different spacing.

II. Important Information

- ◆ Often the **Middle Width** of the fireplace will be where the "tightest" fit is when sizing a Real-Fyre gas log set, especially when a safety valve is being used.
- ◆ In a **Deep** fireplace greater than 18", a larger log set maybe used (check with your dealer).
- ◆ In a **shallow** fireplace (13-14" deep) the **Rear Width** will often limit the size of the set regardless of the inside front width dimension.
- ◆ You must know the size of the gas log set, which depends on the:
 - i – Size of log set
Peterson's gas log sets are usually sized per the length of the front bottom log (or the size of the two front bottom logs in our Charred or Burnt series sets, appropriately spaced)
 - ii –Type of burner
 - iii – Type of safety control valve - Add total of 8" for a manual safety control valve, (**SPK**); add total of 12" for an automatic (remote) safety valve (**APK** or **EPK**) to allow adequate space to center your log set. Refer to sizing charts on page 4.

SPK (Manual Safety Pilot Kit) for operating your gas log set manually.
"Standing Pilot Light"

APK (Automatic Safety Pilot Kit) for operating your gas log set with remote controls and/or wall switches.
"Standing Pilot Light"

EPK (Electronic Pilot Kit) for operating your gas log set with remote controls and/or wall switches.
"No Standing Pilot Light"

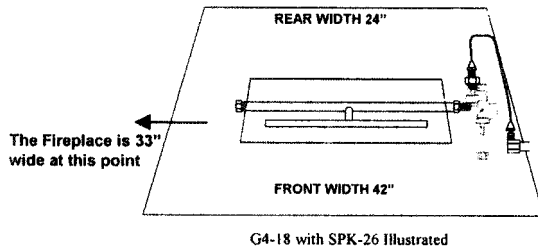
- ◆ You must have sufficient space to make a good, tight connection of the connector kit (ck) to gas supply and to the set.

Sizing Real Fyre Gas Log Sets

IV. Sizing Charts-Selecting the Proper Size Log Set

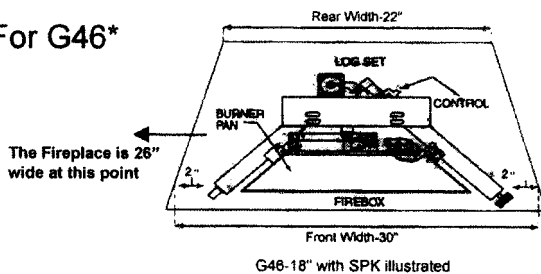
The Middle Dimension of the fireplace must be greater than the sizes listed below

- ◆ For G4, G45 and G5 Series log sets*



1	2	3	4
Log Set Size	Total Width when using no valve Add 4" To Set Size	Total Width when using an SPK valve Add 8" To Set Size	Total Width when using an APK/EPK valve Add 12" To Set Size
16"	20"	24"	28"
18/20"	24"	28"	32"
24"	28"	32"	36"
30"	34"	38"	42"
36"	40"	44"	48"
42"	46"	50"	54"

- ◆ For G46*



1	2	3
Log Set Size	Total Width when using an SPK valve Add 4" To Set Size	Total Width when using an APK/EPK valve Add 4" To Set Size
18/20"	24"	24"
24"	28"	28"
30"	38"	38"

* Before purchasing your Peterson Gas Log Set, read the General Rules and Important Information on Page 2.