

ROBERT H. PETERSON CO.

Real Fyre®

Hand-Crafted Gas Logs Since 1949

**Owner's
Manual**

Models

G46-18/20-01(P) G46-30-01(P)
G46-18/20-11(M)(P) G46-30-11(M)(P)
G46-18/20-15(M)(P) G46-30-15(M)(P)
G46-18/20-17(M)(P) G46-30-17(M)(P)
G46-18/20(P) G46-30(P)

G46-24-01(P)
G46-24-11(M)(P)
G46-24-15(M)(P)
G46-24-17(M)(P)
G46-24(P)



**C.S.A. CERTIFIED
GLOWING EMBERS
GAS FIREPLACE
LOG SET**

G46 BURNER SERIES

WARNING

If the information in this manual is not followed exactly, a fire or explosion may result, causing property damage, personal injury, or loss of life.

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

WHAT TO DO IF YOU SMELL GAS:

- Open a window.
- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in the building.
- Immediately call the gas supplier from a neighbor's phone and follow the gas supplier's instructions.
- If you cannot reach the gas supplier, call the fire department.

Installation and service must be performed by an NFI Certified or other qualified professional installer, service agency, or the gas supplier.



We recommend that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists.

Important: Read these instructions carefully before starting installation of the log set.

The Peterson Real-Fyre® gas log set is to be installed only in a solid-fuel-burning fireplace with a working flue constructed of noncombustible material. Solid fuels shall not be burned in a fireplace where this gas log set is installed. The installation, including provisions for combustion, ventilation air, and required minimum permanent vent opening, must conform with the *National Fuel Gas Code (ANSI Z223.1/NFPA 54)* and applicable local building codes. In Canada, the installation must conform with the *Natural Gas and Propane Storage and Handling Installation Code (CSA-B-149.1)*. A damper stop clamp is included to maintain the minimum permanent vent opening and to prevent full closure of the damper blade. **The chimney damper must be fixed fully opened when burning this log set. This log set is designed to burn with yellow flames; thus, adequate ventilation is absolutely necessary.**

INSTALLER & CONSUMER

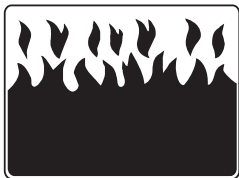
These instructions MUST be retained with this appliance.



Important:

To comply with certification, listings, and building code acceptances, and for safe operation and proper performance of this log set, use **ONLY** Peterson Real-Fyre® parts and accessories. Use of other controls, parts, or accessories that are not approved for use with Real-Fyre® gas log sets is prohibited and will void all warranties, certifications, listings, and building code approvals, and may cause property damage, personal injury, or loss of life.

ROBERT H. PETERSON CO. • 14724 East Proctor Avenue • City of Industry, CA 91746



ROBERT H. PETERSON CO.

Real Fyre®

Hand-Crafted Gas Logs Since 1949

MANUEL
OWNERS

Models

G46-18/20-01(P) G46-30-01(P)
G46-18/20-11(M)(P) G46-30-11(M)(P)
G46-18/20-15(M)(P) G46-30-15(M)(P)
G46-18/20-17(M)(P) G46-30-17(M)(P)
G46-18/20(P) G46-30(P)

G46-24-01(P)
G46-24-11(M)(P)
G46-24-15(M)(P)
G46-24-17(M)(P)
G46-24(P)



C.S.A. ENSEMBLE DE
LA GROSSE BÛCHE
DE LA CHEMINÉE
DU GAZ DES
CENDRES ARDENTES
ENTHOUSIASTE
CERTIFIÉ

G46 BRÛLEUR SÉRIE

AVERTISSEMENT: Si les informations dans ce manuel ne sont pas suivies exactement, un feu ou explosion peut résulter cause propriété endommagée, blessure personnelle ou perte de vie.

Ne mettez pas en réserve ou utilisez de l'essence ou autre vapeurs inflammables et liquides dans le voisinage de celui-ci ou tout autre appareil.

CE QUI Faire Si VOUS avez SENTI le GAZ

- Ouvrez une fenêtre.
- N'essaie pas d'allumer de l'appareil.
- Ne touchez pas de changement électrique; ne utilisez pas du téléphone dans votre bâtiment.
- Appelle Immédiatement votre fournisseur du gaz du téléphone d'un voisin et suit les directives des fournisseur du gaz.
- Si vous ne pouvez pas atteindre votre fournisseur du gaz, appelle le département du feu.

L'installation et service doivent être exécutés par un NFI Certified ou autre installateur qualifié professionnel, agence du service ou le fournisseur du gaz.

Important: Lisez des directives de l'installation avec soin avant de commencer installation d'ensemble de la grosse buche.

Le Real-Fyre® ensemble de notation de gaz de Peterson doit être installé seulement dans une cheminée brûlante de plein-carburant avec une conduite de cheminée fonctionnante construite avec du matériel non-combustible. Des combustibles solides ne seront pas brûlés dans une cheminée où cet ensemble de notation de gaz est installé. L'installation, y compris des dispositions pour la combustion, air de ventilation et ouverture permanente minimum exigée de passage, doit se conformer au code *national de gaz de carburant (norme ANSI Z223.1/NFPA 54)* et aux codes de bâtiment locaux applicables. Au Canada, l'installation doit se conformer au stockage de gaz *naturel et de propane et à manipuler le code d'installation (CSA-B-149.1)*. Une bride plus humide d'arrêt est incluse pour maintenir l'ouverture permanente minimum de passage et pour empêcher la pleine fermeture de la lame plus humide. **L'amortisseur de cheminée devrait être entièrement ouvert en brûlant l'ensemble de notation. L'ensemble de notation est conçu pour brûler avec les flammes jaunes; ainsi à ventilation proportionnée est absolument nécessaire.**



We recommend that our gas hearth products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) as NFI Gas Specialists.

INSTALLATEUR & CONSOMMATEUR

Ces directives doivent être retenues avec cet appareil.



Important:

Pour se conformer à la certification, les listes et les acceptations de code de bâtiment, et pour l'exploitation sûre et l'exécution appropriée de cet ensemble de notation, utilisent SEULEMENT de Real-Fyre® pièces et accessoires de Peterson. L'utilisation d'autres commandes, pièces, ou accessoires qui ne sont pas approuvés pour l'usage avec de Real-Fyre® ensembles de notation de gaz est interdite et videra toutes les garanties, certifications, listes, et approbations de code de bâtiment, et peut causer des dégâts matériels, des blessures, ou la perte de la vie.

TABLE OF CONTENTS

PARTS LIST (REMOTE UNITS)	4
PARTS LIST (MANUAL UNIT)	5
SAFETY CONTROL SYSTEM FOR G46 MANUAL	6
SAFETY CONTROL SYSTEM FOR G46-11(M)(P)	6
SAFETY CONTROL SYSTEM FOR G46-01(P)	7
SAFETY CONTROL SYSTEM FOR G46-15(M)(P)	7
SAFETY CONTROL SYSTEM FOR G46-17(M)(P)	8
PRE-INSTALLATION AND FIREPLACE PREPARATION SAFETY	9
IMPORTANT INFORMATION	11
DAMPER STOP CLAMP INSTRUCTIONS	12
INSTALLING THE GAS LOG SET	12
DAMPER CLAMP INSTRUCTIONS	12
CONNECTING THE IGNITION PACK TO THE G46-01(P) VALVE	14
INSTALLING OR REPLACING BATTERIES FOR IGNITION MODULE PACK	14
SECURING THE BURNER	15
GRANULE PLACEMENT	15
EMBER PLACEMENT	15
GRATE PLACEMENT	15
WOODLAND OAK LOG PLACEMENT	16
EMBER BED SETUP	18
WESTERN CAMPFYRE™ LOG PLACEMENT	19
LIGHTING INSTRUCTIONS - MANUAL PILOT AND SERIES 17 VALVE	21
LIGHTING INSTRUCTIONS - SERIES 11 VALVE	23
LIGHTING INSTRUCTIONS - 01 VALVE	25
LIGHTING INSTRUCTIONS - SERIES 15 VALVE	27
PILOT BURNER ADJUSTMENT (G46 MANUAL)	28
PILOT BURNER ADJUSTMENT (G46-11)	28
PILOT BURNER ADJUSTMENT (G46-17)	28
FLAME PATTERN ADJUSTMENT (ALL MODELS)	29
AVAILABLE ACCESSORIES FOR THE GAS BURNER SYSTEM	30
WARRANTY	32

This appliance may be installed in an aftermarket, permanently located, manufactured (mobile) home, where not prohibited by local codes.

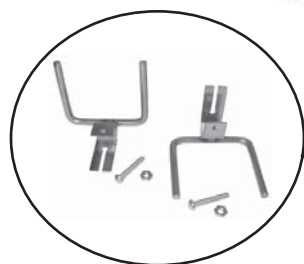
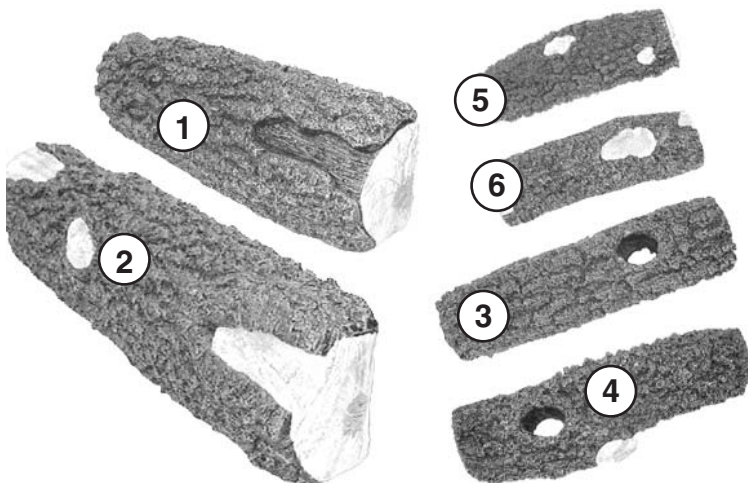
Installation of appliances designed for manufactured homes or mobile homes must conform with *Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280* in the U.S. and *CAN/CSA Z240 MH* in Canada or by *ANSI/NCSBCS A225.1/NFPA 501A, Manufactured Home Installations Standard* when such standard is not applicable.

PARTS LIST (REMOTE UNITS)

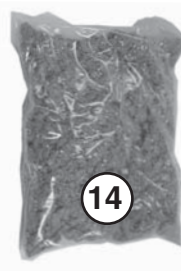
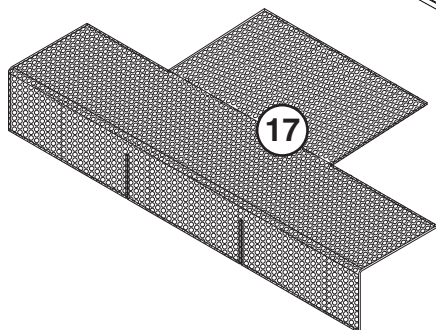
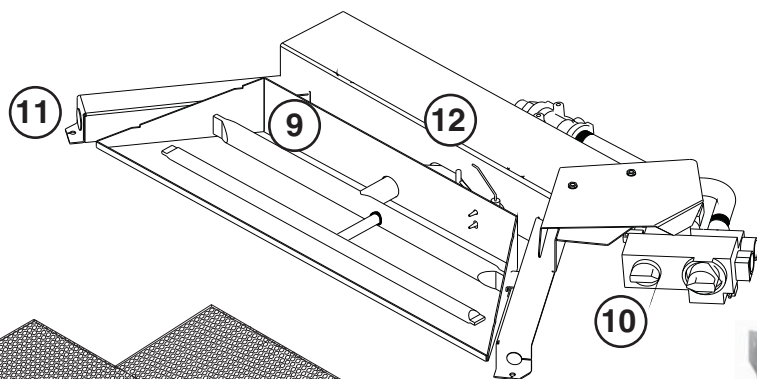
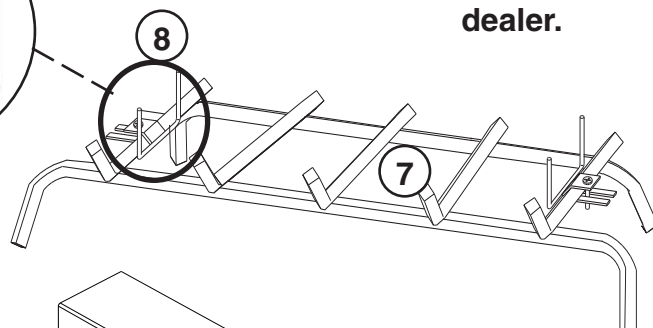
Log styles, sizes, and parts will vary depending upon the G46 Series model ordered. **When ordering replacement parts, be sure to indicate your log set model.**

Note: Only the logs for the WO-24 Woodland Oak 24" set are illustrated and listed below.

Item no.	Description
1.	20" rear log
2.	24" front log
3.	15" top left log
4.	15" top right log
5.	9" top left log
6.	8" top log
7.	Grate
8.	Log locators with screws (2)
9.	Burner pan assembly
10.	G46 safety control system (see p. 6-8)
11.	Piezo ignitor assembly (series 11 & 17 valve)
12.	Pilot assembly (natural) or Pilot assembly (propane)
13.	Sand granules (natural gas) or Vermiculite granules (propane gas)
14.	Glowing embers
15.	Damper clamp
16.	Connector kit
17.	Ember bed (supplied with charred log sets)



Order parts through
your local Real-Fyre®
dealer.



Actual parts may differ.

G46-11 burner
(top view)



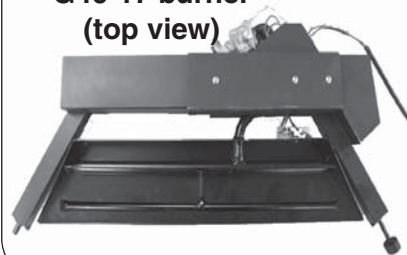
G46-15 burner
(top view)



G46-01 electronic burner
(top view)



G46-17 burner
(top view)

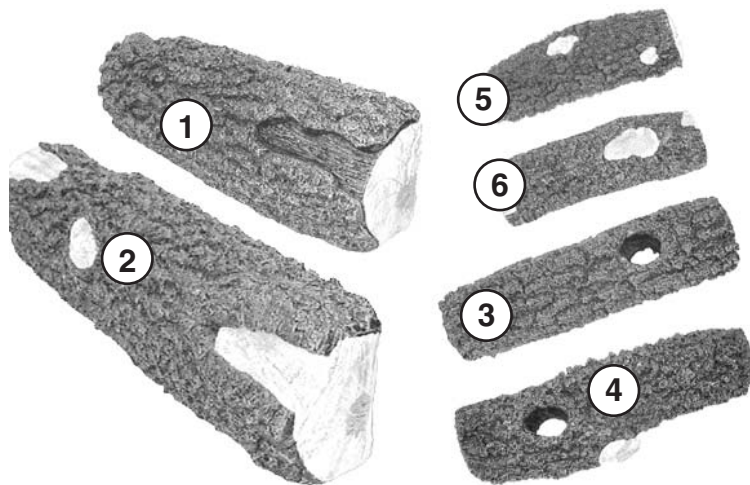


Note: Photos not to scale.

PARTS LIST (MANUAL UNIT)

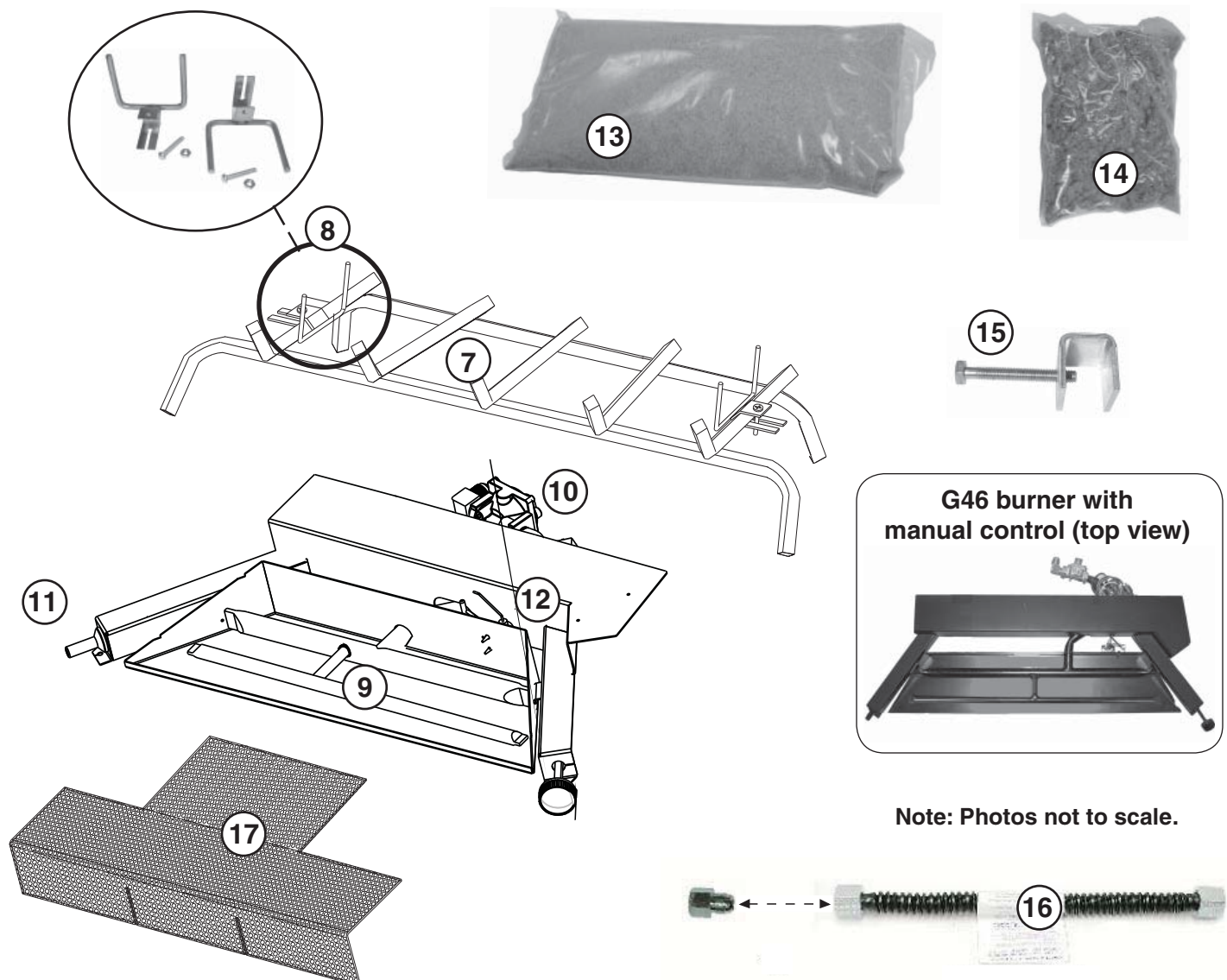
Log styles, sizes, and parts will vary depending upon the G46 Series model ordered. **When ordering replacement parts, be sure to indicate your log set model.**

Note: Only the logs for the WO-24 Woodland Oak 24" set are illustrated and listed below.



Item no.	Description
1.	20" rear log
2.	24" front log
3.	15" top left log
4.	15" top right log
5.	9" top left log
6.	8" top log
7.	Grate
8.	Log locators with screws (2)
9.	Burner pan assembly
10.	G46 safety control system (see p. 6)
11.	Piezo ignitor assembly
12.	Pilot assembly (natural) or Pilot assembly (propane)
13.	Sand granules (natural gas) or Vermiculite granules (propane gas)
14.	Glowing embers
15.	Damper clamp
16.	Connector kit
17.	Ember bed (supplied with charred log sets)

Order parts through your local Real-Fyre® dealer.



G46 burner with manual control (top view)

Note: Photos not to scale.

Actual parts may differ.

SAFETY CONTROL SYSTEM FOR G46 MANUAL



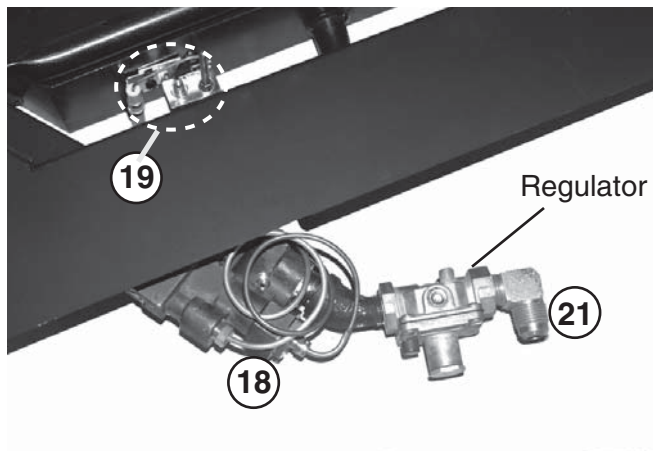
DO NOT REMOVE HEAT SHIELD

Pilot assembly (rear view)

Ceramic electrode

Location of orifice

Pilot assembly

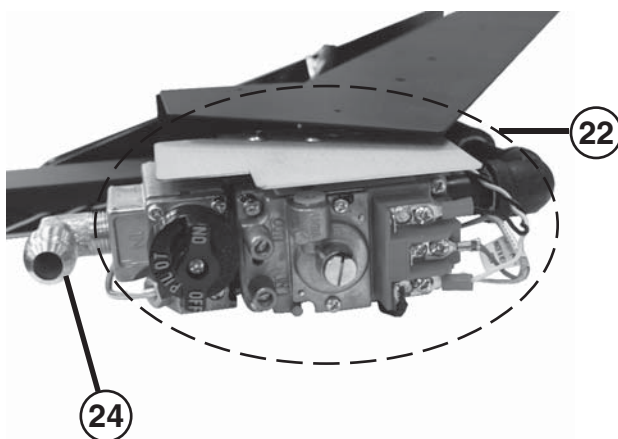


G46 burner showing valve layout under heat shield (rear view)

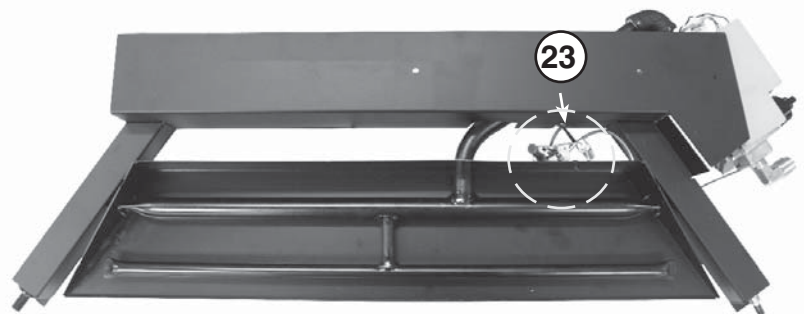
Item no. Description

- | | |
|-----|---|
| 18. | Safety control valve assembly (regulated) |
| 19. | Pilot assembly |
| 20. | Handle assembly |
| 21. | Adapter elbow |

SAFETY CONTROL SYSTEM FOR G46-11(M)(P)



DO NOT REMOVE HEAT SHIELD

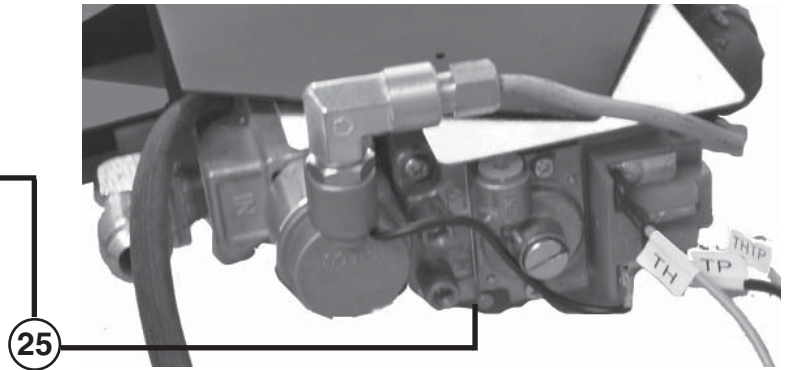
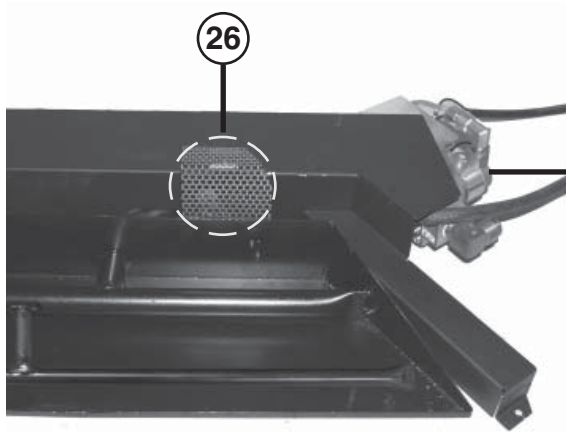


Item no. Description

- | | |
|-----|-----------------------------------|
| 22. | Safety control valve |
| 23. | Pilot assembly |
| 24. | Brass elbow 1/2" flare x 3/8" MIP |

G46 burner showing valve layout under heat shield

SAFETY CONTROL SYSTEM FOR G46-01(P)

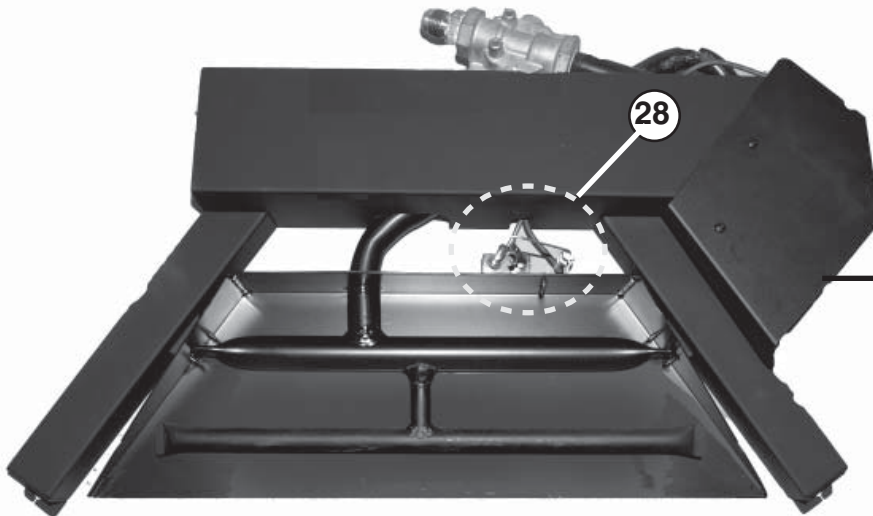


G46 burner showing remote-control
valve layout under heat shield

DO NOT REMOVE HEAT SHIELD

Item no.	Description
25.	Safety control valve
26.	Pilot assembly

SAFETY CONTROL SYSTEM FOR G46-15(M)(P)



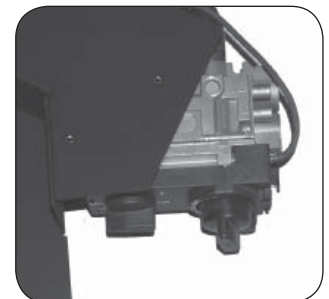
G46 burner showing 15 valve layout
under heat shield

DO NOT REMOVE HEAT SHIELD

VR-1A remote with receiver, heat shield,
batteries, & wiring (if equipped)



Item no.	Description
27.	Safety control valve
28.	Pilot assembly
29.	VR-1A Remote kit



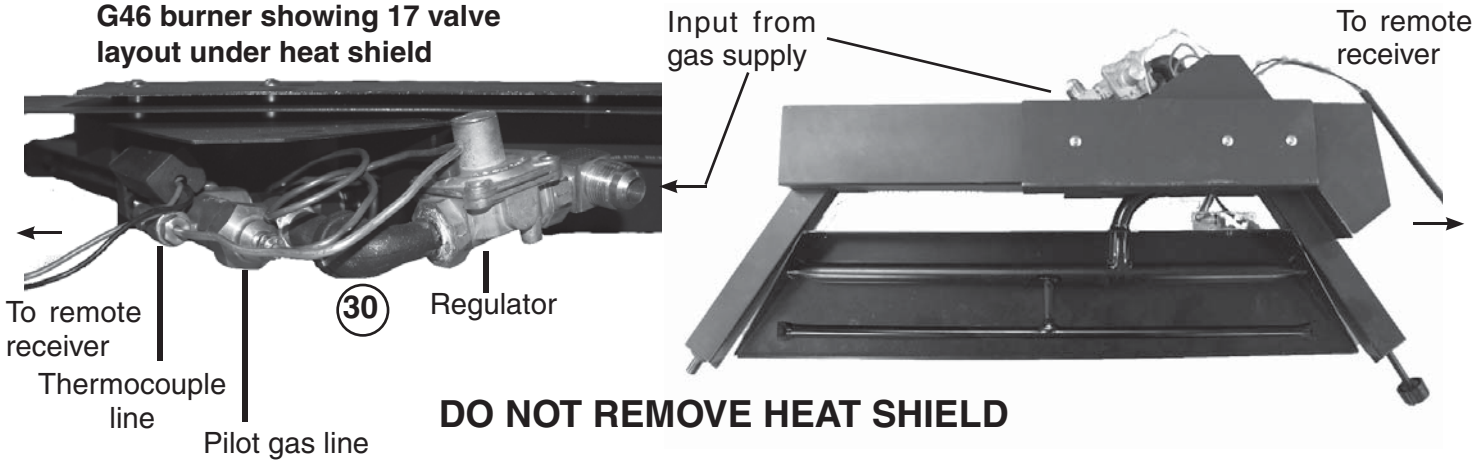
Without heat shield

Flame height
control knob

ON/OFF IGN/PILOT
knob

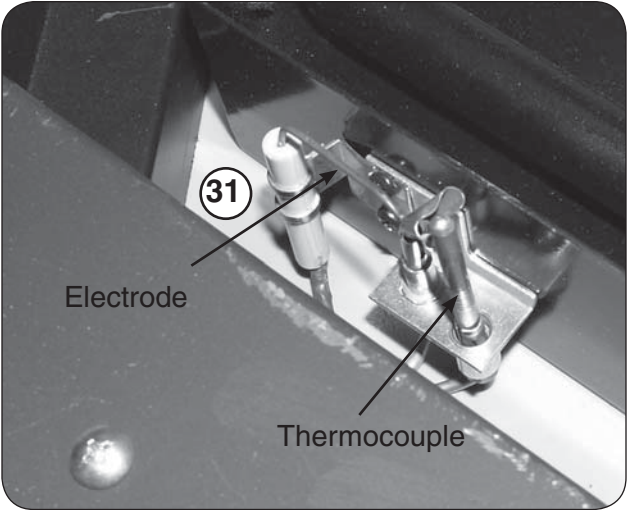
Connection terminals for VR-1A
wiring to receiver

SAFETY CONTROL SYSTEM FOR G46-17(M)(P)



Item no.	Description
30.	Safety control valve
31.	Pilot assembly
32.	VR-1A Remote kit

Pilot assembly (rear view)



Optional manual system or upgrade to VR-2 remote system.

PRE-INSTALLATION AND FIREPLACE PREPARATION SAFETY

CAUTION: Installation and repair must be done by an NFI Certified or other qualified professional installer.

Installer: Carefully read these instructions before installing this gas burner system. Be sure you understand all safety precautions and warnings contained in this manual.

- A. This appliance is designed as an **attended appliance**. Adults must be present when this gas appliance is operating. Do not leave this unit burning when unattended or while anyone is sleeping.
- B. This appliance is only for use with the type of gas indicated on the rating plate. This appliance is **NOT FIELD CONVERTIBLE** for use with other gasses.
- C. **BE CAREFUL: If not installed, serviced, and used correctly per these instructions, this product can cause serious personal injury, property damage, or loss of life.**

PRE-INSTALLATION AND FIREPLACE PREPARATION SAFETY GUIDELINES

- D. **WARNING:** Before installing in a solid-fuel-burning fireplace, the chimney flue, damper, and firebox must be thoroughly CLEANED of soot, creosote, ashes, and loose paint, and must be inspected by a qualified chimney cleaner. Some older fireplaces may need repair prior to installing this appliance.
- E. CHECK GAS TYPE (natural or propane): The gas supply must be the same as stated on your burner system rating plate. If gas supply is different, **DO NOT INSTALL**. Contact your dealer for immediate assistance.
- F. Any outside air ducts and/or ash dumps located on the floor or walls of the fireplace must be permanently sealed shut before the installation. Use a heat-resistant sealant. Do not seal the chimney flue damper.
- G. INSUFFICIENT GAS PRESSURE WILL KEEP THE PILOT FROM OPERATING PROPERLY. DO NOT USE IF GAS PRESSURE IS LOWER THAN THE MINIMUM REQUIREMENT.
- H. The *minimum* inlet gas-supply pressure for purposes of input adjustment is **5"** water column (w.c.) on **natural gas** and **11"** w.c. on **propane gas**. Insufficient gas pressure will affect proper operation of the pilot. Do not install this gas appliance if minimum pressure is not available. The *maximum* inlet gas-supply pressure is **10.5"** w.c. on natural gas and **13"** w.c. on propane gas. The propane source must be regulated. (Do not connect this appliance directly to an unregulated propane gas tank - this can cause an explosion.)
- I. The gas piping system must be sized to provide minimum inlet pressure at the maximum flow rate (BTU/hr). Undue pressure loss will occur if the pipe is too small, or the run is too long.
- J. Input ratings shown in BTU per hour are for elevations up to 2,000 ft. For elevations above 2,000 ft., refer to the National Fuel Gas Code or contact the Robert H. Peterson Company before installing this product.
- K. This gas appliance and its main gas valve must be disconnected from the gas-supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig.
- L. This gas appliance must be isolated from the gas-supply piping system by closing the equipment shutoff valve connected to the gas-supply line during any pressure testing of the gas-supply piping system at test pressures equal to or less than 1/2 psig.
- M. Do not use this appliance if any part has been underwater. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control that has been underwater.

SÛRETÉ DE PRÉINSTALLATION ET DE PRÉPARATION DE CHEMINÉE

ATTENTION: L'installation et la réparation doivent être faites par un NFI certifié ou autre qualifié, installateur professionnel.

Installateur: Lisez soigneusement ces instructions avant d'installer ce système de brûleur à gaz. Soyez sûr que vous comprenez tous les mesures de sécurité et avertissements contenus en ce manuel.

- A.** Cet appareil est conçu comme appareil occupé. Les adultes doivent être présent quand cet appareil de gaz fonctionne. Ne laissez pas cette unité brûlant si sans surveillance ou tandis que n'importe qui dort.
- B.** Cet appareil sert seulement avec le type de gaz indiqué de la plaque de contrôle. Cet appareil n'est pas CONVERTIBLE pour l'usage avec d'autres gaz.
- C. FAITES ATTENTION : Si non installé, entretenu, et utilisé correctement, par ces instructions, ce produit peut causer des blessures, des dégats matériels, ou la perte de la vie sérieux.**

DIRECTIVES DE SÛRETÉ DE PRÉINSTALLATION ET DE PRÉPARATION DE CHEMINÉE

- D. AVERTISSEMENT:** Avant l'installation dans une cheminée brûlante de combustible solide, la conduite de cheminée, l'amortisseur, et le foyer de cheminée doivent ÊTRE COMPLÈTEMENT NETTOYÉS de la suie, de la créosote, des cendres, et de la peinture lâche, et doivent être inspectés par un décapant qualifié de cheminée. Quelques cheminées plus anciennes peuvent ont besoin de la réparation avant d'installer cet appareil.
- E. VÉRIFIEZ LE TYPE de GAZ (normal ou propane) :** L'offre de gaz doit être identique qu'indiquée de votre plaque de contrôle de système de brûleur. Si l'offre de gaz est différente, N'INSTALLEZ PAS. Contactez votre revendeur pour l'aide immédiate.
- F.** Tous les conduits d'air et/ou décharges extérieurs de cendre situées sur le plancher ou les murs de la cheminée doivent être de manière permanente scellés fermées avant l'installation. Employez un mastic anti-calorique. Ne scellez pas l'amortisseur de conduite de cheminée de cheminée.
- G. LA PRESSION DE GAZ INSUFFISANTE GARDERA LE PILOTE DU FONCTIONNEMENT CORRECTEMENT. N'EMPLOYEZ PAS SI LA PRESSION DE GAZ EST INFÉRIEURE À LA CONDITION MINIMUM.**
- H.** La pression minimum d'offre de gaz d'admission aux fins de l'ajustement d'entrée est la colonne de l'eau de 5" (w.c.) sur le gaz naturel et 11" w.c. sur le gaz de propane. La pression de gaz insuffisante affectera l'opération appropriée du pilote. N'installez pas cet appareil de gaz si la pression minimum n'est pas disponible. La pression maximum d'offre de gaz d'admission est 10.5" w.c. sur le gaz naturel et 13" w.c. sur le gaz de propane. La source de propane doit être réglée. (ne reliez pas cet appareil directement à un réservoir de gaz non réglé de propane - ceci peut causer une explosion.)
- I.** Le système de tuyauterie de gaz doit être classé pour fournir la pression minimum d'admission au débit maximum (BTU/hr). La perte anormale de pression se produira si la pipe est trop petite, ou la course est trop longue.
- J.** Les estimations d'entrée montrées en Btu par heure sont pour des altitudes jusqu'à 2.000 pi. Pour des altitudes au-dessus de 2.000 pi, référez-vous au code national de gaz de carburant ou contactez Robert H. Peterson Company avant d'installer ce produit.
- K.** Cet appareil de gaz et son clapet à gaz principal doivent être démontés du système sifflant d'offre de gaz pendant tous les essais sous pression de ce système aux pressions d'essai au-dessus de 1/2 psig.
- L.** Cet appareil de gaz doit être isolé dans le système sifflant d'offre de gaz par fermeture le robinet d'isolement d'équipement relié à la canalisation d'alimentation de gaz pendant tous les essais sous pression du système sifflant d'offre de gaz aux pressions d'essai égales à ou moins de 1/2 psig.
- M.** N'employez pas cet appareil si n'importe quelle partie a été sous-marine. Appelez immédiatement un technicien qualifié de service pour inspecter l'appareil et pour remplacer n'importe quelle partie du système de commande et de n'importe quelle commande de gaz qui a été sous-marine.

IMPORTANT INFORMATION

Do not use this log set if any part has been underwater. Immediately call a qualified professional service technician to inspect the appliance and to replace any part of the control system and any gas control that has been underwater.

The appliance and its individual shutoff valve must be disconnected from the gas-supply piping system when testing the system at test pressures in excess of ½ psig. This is accomplished by closing the gas-supply line valve.

Keep the area of the gas log set clear and free from combustible materials, gasoline, and other flammable vapors and liquids.

The minimum inlet gas-supply pressure for the purpose of input adjustment is 5" for natural gas and 11" for propane gas. The maximum inlet gas-supply pressure for this burner is 14" for natural and propane gas.

A fireplace screen must be in place when the log set is burning. Provisions for adequate combustion air must be maintained. Unless other provisions for combustion air are provided, the screen shall have an opening(s) for introduction of combustion air. Combustion air is adequate when all flames curl into the fireplace and away from the screen.

When glass fireplace doors are used, operate the gas log set with the doors open.

The minimum-size fireplace in which the log set is to be installed is listed in the technical data table below. The minimum chimney height from the hearth to the top of the chimney is 15'.

**THIS GAS LOG SET CONFORMS TO THE
ANSI Z21.60b -2004 STANDARD.**

Log set size	Minimum firebox dimensions			BTU Rating	
	Front opening	Depth	Height	Natural	Propane
18"	24"	15"	18"	40,000	40,000
20"	26"	15"	18"	40,000	40,000
24"	30"	15"	18"	55,000	55,000
30"	36"	15"	18"	65,000	65,000

Minimum permanent free opening area of chimney damper for venting								
For factory-built fireplaces log set sizes					For masonry-built fireplaces log set sizes			
Chimney height	18"	20"	24"	30"	18"	20"	24"	30"
15'	15 sq. in.	15 sq. in.	21 sq. in.	29 sq. in.	23 sq. in.	23 sq. in.	31 sq. in.	40 sq. in.
20'	14 sq. in.	14 sq. in.	18 sq. in.	24 sq. in.	21 sq. in.	21 sq. in.	28 sq. in.	36 sq. in.
30'	10 sq. in.	10 sq. in.	15 sq. in.	19 sq. in.	19 sq. in.	19 sq. in.	26 sq. in.	33 sq. in.

Note: A damper stop clamp is provided as a means to prevent full closure of the damper blade. Fully open the damper when burning the log set (see the next page for details on the damper clamp).

The log set is designed to burn with yellow flames; adequate ventilation is absolutely necessary.

The chimney damper must be fixed in a manner to maintain the permanent free opening at all times. To accomplish this, you may install a screw or bolt in the edge of the damper to prevent closing, drill holes in the damper, or remove the damper.

Important: To comply with certification, listings, and building code acceptances, and for safe operation and proper performance of this log set, use ONLY Peterson Real-Fyre® parts and accessories. Use of other controls, parts, and accessories that are not designed for use with Real-Fyre® gas log sets is prohibited and will void all warranties, certifications, listings, and building code approvals, and may cause property damage, personal injury, or loss of life.

DAMPER STOP CLAMP INSTRUCTIONS

DAMPER CLAMP INSTRUCTIONS

The damper clamp with hex bolt (Fig. 12-1) is provided as a means to prevent full closure of the damper blade. The clamp is easily attached to most damper blades with pliers or a wrench, and must be permanently installed. The clamp is designed to prevent accidental closure of the damper when installed as illustrated (Fig. 12-2 & Fig. 12-3). Should the clamp not fit or provide the permanent vent opening listed on the table found on the previous page, have a permanent stop installed, remove the damper blade, or have the damper cut to provide the minimum permanent opening required.

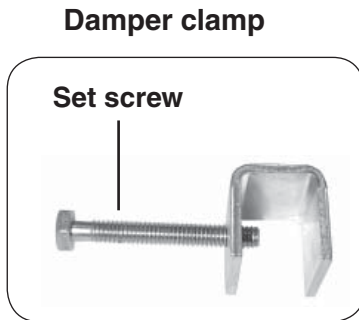


Fig. 12-1

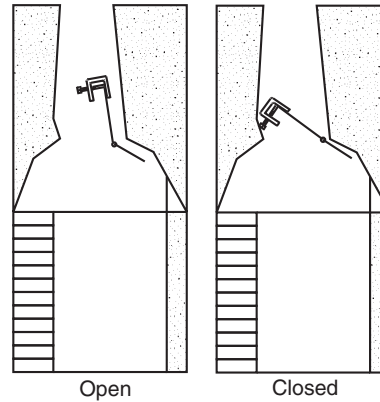


Fig. 12-2

Fig. 12-3

INSTALLING THE GAS LOG SET

The Peterson Real-Fyre® gas log set must be installed by an NFI Certified or other qualified professional installer. Instructions must be followed carefully to ensure proper performance and an aesthetically pleasing product. **Check to be sure the log set is designed and labeled for the type of gas (natural or propane gas) supplied to the fireplace.** Never use a log set designed for natural gas with propane gas, or a log set designed for propane gas with natural gas. Real-Fyre® gas logs must be installed only in a wood-burning fireplace with the minimum venting requirements met (see the previous page). **Fireplace floor must be level, clean, and smooth.** Check PARTS LIST to be sure all parts are included. Gas-supply pipe inside diameter (I.D.) must be $\frac{1}{2}$ " or larger. $\frac{3}{4}$ " I.D. may be necessary if gas line is longer than 20'.

You should adjust and align the pilot prior to installing by using the flex connector kit (Item 16). Attach the connector kit to the gas supply and the burner outside the fireplace. This will allow you to move the burner at an angle in order to access the pilot adjustment screw on the valve (see the relevant PILOT BURNER ADJUSTMENT section).

WARNING

This appliance is equipped for either natural or propane gas as indicated on the back cover. Field conversion is not permitted.

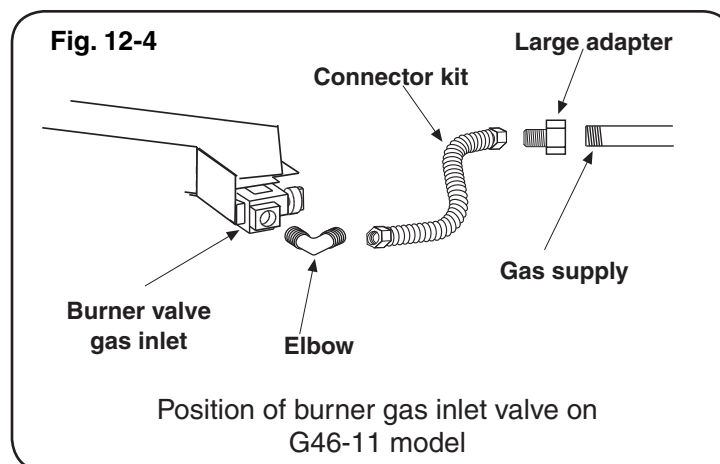


Fig. 12-4

Position of burner gas inlet valve on
G46-11 model

INSTALLING THE GAS LOG SET (Cont.)

Note: Refer to the PARTS LIST when following these instructions.

CAUTION: Turn off the gas to the fireplace before beginning this procedure.

1. The burner gas inlet is located in front of the gas valve (Fig. 12-4). **Use Teflon tape or pipe compound on all pipe thread male connections, except where brass to brass.**

FOR THE G46 AUTOMATIC MILLIVOLT VALVE

Attach the connector kit $\frac{3}{8}$ " adapter to the brass elbow (Item 24) on the valve. The log set user should make themselves familiar with the valve control layout before installing the burner into the fireplace.

2. Next, clamp the log locators onto the outside grate fingers. The log locators will fit on either side of the grate finger (see Fig. 13-1 & 13-2). Align the locator screw so that it projects down into the locator holes on the burner. Attach nuts to screws and finger-tighten only. Place the bottom log on the grate (see Fig. 13-3) and align the log against the locator. Fully tighten the screws and then remove the logs and grate until completing the gas connection and granule placement.
3. Position the burner in the center rear of the fireplace.

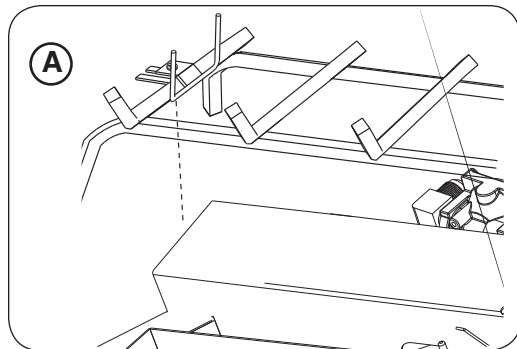


Fig. 13-1

Note: Manual grate shown.

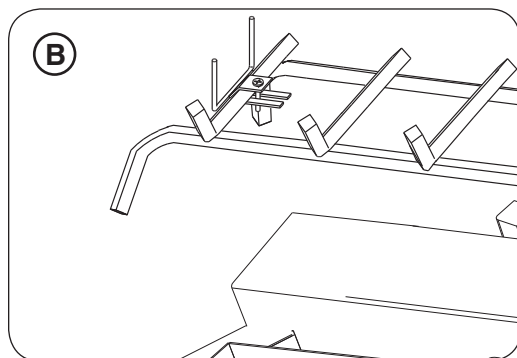


Fig. 13-2

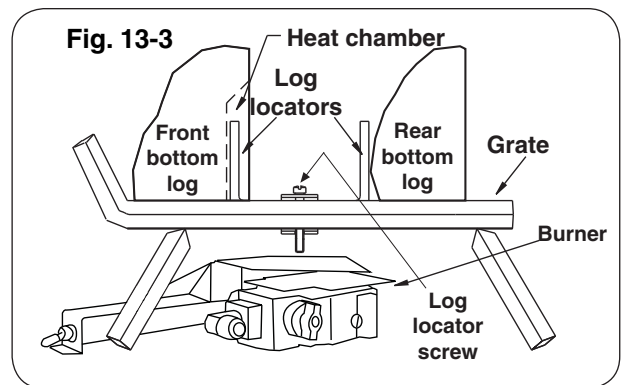
Note: If the log set is a G46-01(P) model, continue following the instructions on p. 14. For all other models, proceed to p. 15.

Connect the connector kit tubing (Item 16) to the gas supply. **Be sure that the burner assembly and the valve remain in alignment.** If the valve shifts position during installation, the burner assembly may not sit flat in the fireplace, causing improper gas flow. It may also cause interference with the control knob operation.

- Make sure that the safety control system is in the **OFF** position.
- Turn on the gas to the fireplace and check for leaks at all connections by using a soapy water solution.

Never use an open flame to check for leaks.

- Light the pilot (see the relevant LIGHTING INSTRUCTIONS section) and check for proper adjustment. If the pilot needs to be adjusted, follow the relevant PILOT BURNER ADJUSTMENT section. Turn the pilot off.
- Position the grate on the burner (Fig. 13-3). Push the burner grate assembly as far as possible to the rear of the fireplace, then remove the grate.



Important: Log locators may be installed in either configuration (A or B), depending on burner size. Adjust as necessary to ensure screws fit in locator holes in burner. This secures the burner and grate from movement, and keeps the logs in place for optimum log set operation.

WARNING

Failure to position the parts in accordance with these diagrams or failure to use only parts specifically approved with this appliance may result in property damage or personal injury.

INSTALLING THE GAS LOG SET (Cont.)

SPECIAL INSTRUCTIONS FOR G46-01-xx(P) MODELS

Installing pine cone with switch for 01M models

CONNECTING THE IGNITION PACK TO THE G46-01(P) VALVE

The G46-01-xx(P) valve comes complete with the wiring harness connected to the pine cone switch. You may wish to ensure it is correctly connected before finally connecting the three wires to the valve, as below.

TO CHECK THE WIRING ASSEMBLY:

- Check that the wiring harness is fitted tightly into the connector on the green ignitor pack in the rear of the pine cone (Fig. 14-1).
- Check that the female connectors on the two black wires from the pilot assembly (wires marked "I" and "S") are inserted fully into the male connectors on the ignitor pack (Fig. 14-2).
- Check the connection of the red and black wires of the wire harness to the respective counterpart wires from the battery holder (red-red and black-black). The two brown wires should be connected to the switch.

Note: The two spare brown wires with coated male connectors are used to connect a remote system (if equipped).

- Connect the wires to the valve in the following order (see Fig. 14-2):

Orange wire marked **THTP** - to **THTP** connector on valve

Black wire marked **TP** - to **TP** connector on valve

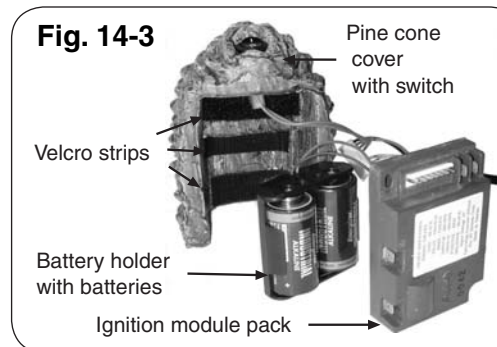
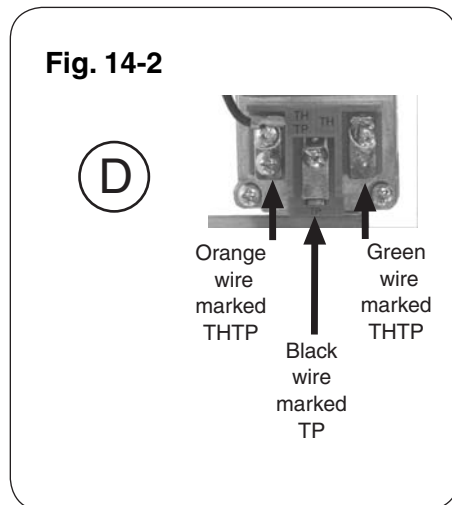
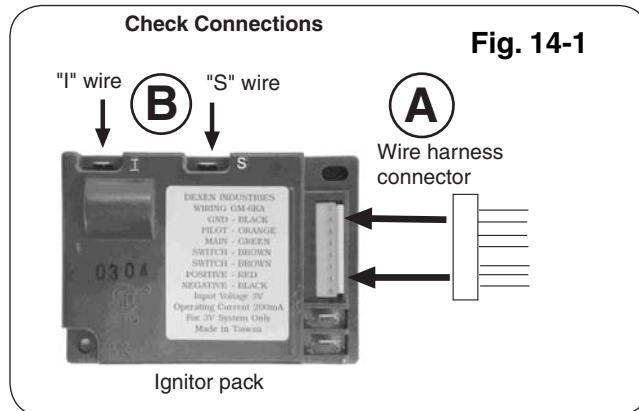
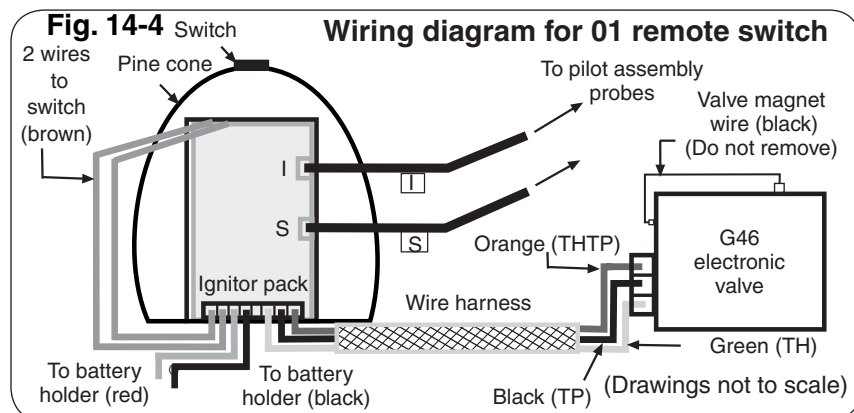
Green wire marked **TH** - to **TH** connector on valve

The diagram below shows the wiring layout for the complete unit.

INSTALLING OR REPLACING BATTERIES FOR IGNITION MODULE PACK

Two 1.5-volt (D-cell) alkaline batteries are supplied with the log set. To install or replace batteries, remove the green ignition module pack, held in place with a Velcro strip, from the rear of the pine cone receiver (Fig. 14-3). Remove the battery holder and old batteries from the pine cone. Replace (or install) batteries into the battery holder, making sure they are installed according to the diagram in the battery holder. Replace the holder, pressing it firmly against the Velcro strip. Replace the ignitor pack and press it firmly into place. The ignition system is now ready to operate.

Note: For the system to work properly, it is suggested that you replace the batteries annually with fresh batteries. Always replace all the batteries at the same time.



PINE CONE PLACEMENT

The designer pine cone incorporating the control switch is aesthetically designed and is an integral part of the operation of the log set. The pine cone can be placed as close to the valve as you desire, but **never closer than 4" from the flame.**

CAUTION: THE PINE CONE MAY BE HOT DURING AND DIRECTLY AFTER OPERATION OF THE GAS LOG SET.

IMPORTANT

For all valves, the air **MUST** be purged from the gas line before the pilot will light and burn properly. The time needed to purge will depend on the length of the gas line to the unit and the amount of time since the unit or gas line was last used. It may take several minutes before all the air is purged and the pilot will light and burn properly. Follow the relevant LIGHTING INSTRUCTIONS in this manual.

SECURING THE BURNER

The gas log set has two securing holes at the front of the burner pan heat shield (see PARTS LIST and Fig. 15-1 for location). Mark the center point of each hole and drill a $\frac{3}{16}$ " pilot hole (one for each side) into the fireplace floor. Secure with $\frac{1}{4}$ " anchor bolts.

GRANULE PLACEMENT

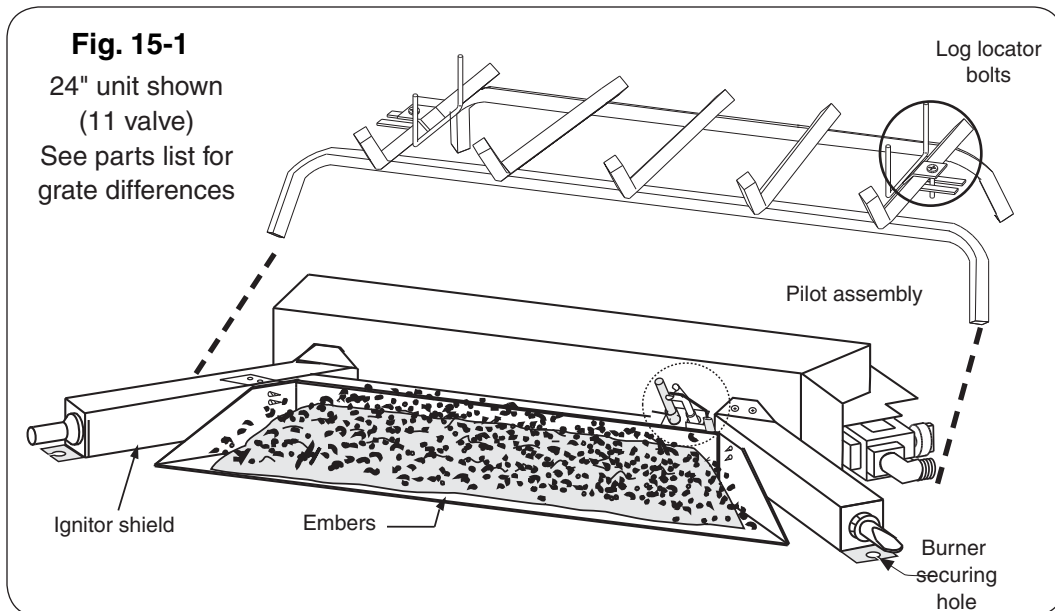
Fill the burner pan completely with granules (Item 13). **Slope the granules at the same angle as the burner pan. Do not** allow granules to spill over the front lip, sides, or back of the burner. **DO NOT PLACE GRANULES ON IGNITOR SHIELD OR KNOB SHIELD.**

EMBER PLACEMENT

After breaking up any clumps, sprinkle embers (Item 14) lightly and evenly over the entire surface of the granules. You may sprinkle the embers (not the granules) over the knob and ignitor shields, making sure to keep the embers clear of the pilot assembly.

Embers around the pilot will block airflow, causing the pilot to overheat and shut down the system.

To check operation, light the pilot and burner (see the relevant LIGHTING INSTRUCTIONS section).



GRATE PLACEMENT

Carefully center the grate (left to right) over the burner. The burner pipe should be behind (not directly under) the front bar of the grate. This will help prevent sooting. Next proceed to LOG PLACEMENT.

WARNING

Failure to position the parts in accordance with these diagrams or failure to use only parts specifically approved with this appliance may result in property damage or personal injury.

WOODLAND OAK LOG PLACEMENT

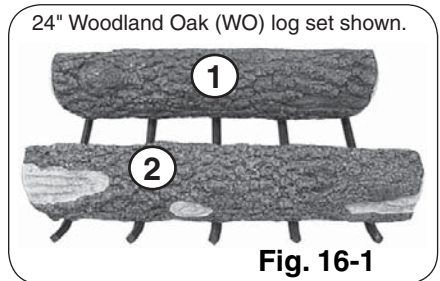
Note: For Charred series, see p. 18. For Western Campfire™ series, see p. 19.

Proper log placement is important to ensure proper performance of the Real-Fyre® gas log set. Be sure to follow the LOG PLACEMENT INSTRUCTIONS carefully. Three optional log placement patterns, an exclusive feature of the log set, are explained below.

18"- 30" GAS LOG SETS

FOR ALL OPTIONS

Step 1: Place the rear bottom log (Log #1) on the back of the grate (Fig. 16-1), and slide it forward against the log locators. Place the front log (Log #2) on the front of the grate and slide it back against the log locators. The log locators ensure that adequate space between the logs is maintained for a cleaner burn.



OPTION 1

Step 2: Place the middle log (Log #4) to rest on the front and rear bottom logs, as shown in Fig. 16-2. Place Log #3 so it rests on Log #4 and the front log, as shown in Fig. 16-2. Ensure they are placed across the space between the logs.

Step 3: Place the top logs (Logs #5 & #6) as shown in Fig. 16-3, with Log #5 resting on Log #3 and the front log, and Log #6 resting on the rear log and Log #4.

Fig. 16-2
Option 1
Step 2

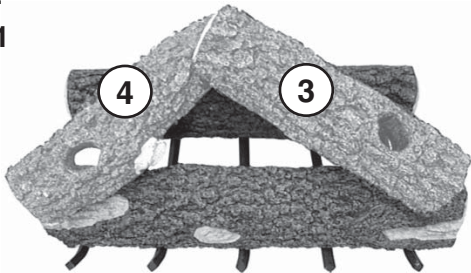
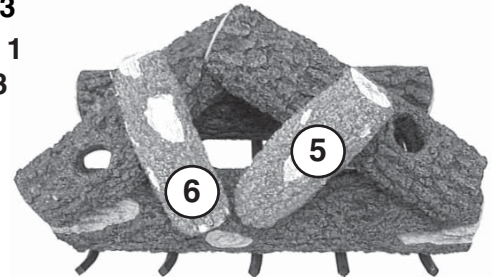


Fig. 16-3
Option 1
Step 3



OPTION 2

Step 2: Place the middle logs parallel, as shown in Fig. 16-4. Log #3 is placed with one end on the front log, and the other end resting on Log #4.

Step 3: Place Log #5 resting on the front log and the left middle log, and Log #6 resting on the rear log and the right middle log, as shown in Fig. 16-4.

OPTION 3

Step 2: Place the middle logs (Logs #3 & #4) so they are parallel, resting on the front and rear logs across the space, as shown in Fig. 16-5.

Step 3: Place top Logs #5 & #6 so they are parallel and rest across Logs #3 & #4, as shown in Fig. 16-5.

Fig. 16-4
Option 2
Steps 2 & 3

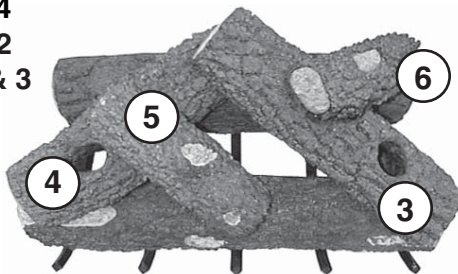
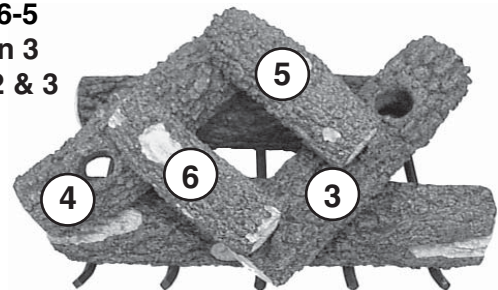


Fig. 16-5
Option 3
Steps 2 & 3

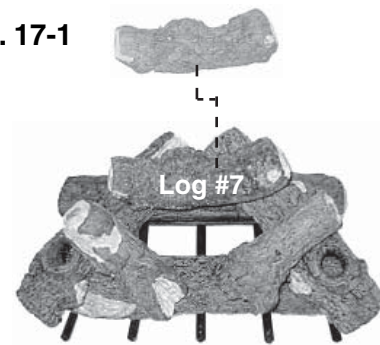


CAUTION: Burn hazard. Logs will remain hot for some time after use. You must maintain the log layout as shown to ensure proper operation of the log set. If you need to reposition any log to maintain the proper layout, use heat-resistant gloves or allow logs adequate time to cool before handling.

OPTIONAL BONUS LOG PLACEMENT

The optional bonus log (included with Golden Oak Designer Plus and Split Oak Designer Plus log sets) should be placed directly above the front or rear bottom logs (Logs #1 & #2), so it does not extend into the space between the front and rear logs, as shown in Fig. 17-1.

Fig. 17-1



OPTIONAL LOG PLACEMENT PATTERNS SUMMARY

The illustrations below (Fig. 17-2 through 17-4 and Fig. 17-5 through 17-7 for Split Oak) show the three basic log placement patterns available for G46 Real-Fyre® C.S.A. Certified gas log sets. The mirror image of each of the illustrations is also approved. These log placement patterns are the acceptable patterns for all other sets.



Fig. 17-2



Fig. 17-3



Fig. 17-4



Fig. 17-5



Fig. 17-6



Fig. 17-7

EMBER BED SETUP

If you have purchased this style of log set, follow the instructions below.

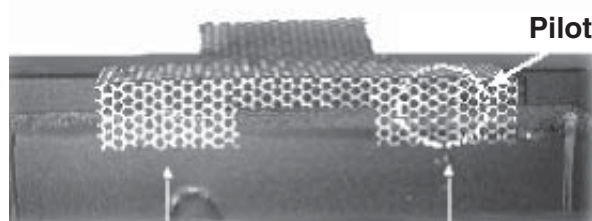
Note: The logs for the CHD Charred Oak Set are illustrated.

Log styles and sizes will vary depending upon the Charred Series log set ordered.

Note: INSTRUCTIONS ON THE EMBER BED MAY NOT BE APPLICABLE.

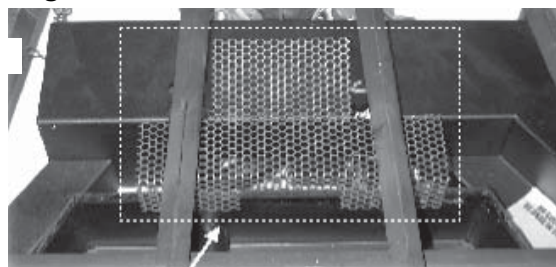
The ember bed (see Fig. 18-1), **supplied with the charred log set**, fits onto the back of the burner pan. Place it centrally on the back so the outer front tabs hang over the pan (see Fig. 18-2). Set it so it is over the pilot assembly, but high enough that it does not interfere with the operation of the pilot (see Fig. 18-1). Cover the surface of the ember bed with the glowing embers, supplied with the Charred series log set, making sure to keep the Glowing Embers clear of the pilot assembly. For best glowing performance, they should be applied evenly and pulled slightly apart so the fibers are somewhat loose. (It is not necessary to pile the entire bag of the glowing embers.) Center flame must be clearly visible, or excessive sooting could occur.

Fig. 18-1



Slide the ember bed over the back center of the burner pan

Fig. 18-2



Ember bed

CHARRED OAK SET LOG PLACEMENT

- Step 1.** Place the long bottom rear log (Log #1) on the back of the grate with the flat, hollow side facing the rear of the fireplace. Push the log up against the log locators.
- Step 2.** Place the two sections of the front log (Logs #2L & #2R) on the front of the grate and up against the log locators. The charred sections should be facing each other, approximately 1" apart at the top.
- Step 3.** Place the two top, knot-hole logs (Logs #3 & #4) so that one end rests on each front log section and the other end rests on the rear log, as shown in Fig. 18-4. The charred sections should be over the opening between the front and rear logs.
- Step 4.** Place the top logs (Logs #5 & #6) as shown in Fig. 18-5, with Log #5 resting on the left-hand knot-hole log (Log #3) and the left front log (Log #2L), and Log #6 resting across both knot-hole logs to the rear.
- Step 5.** Place the additional top log (Log #7) so it rests on the right-hand knot-hole log (Log #4) and on the right front bottom log section (Log #2R), as shown in Fig. 18-6.

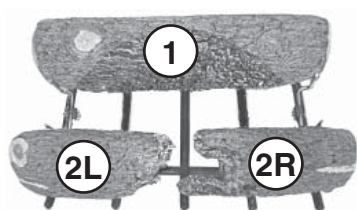


Fig. 18-3

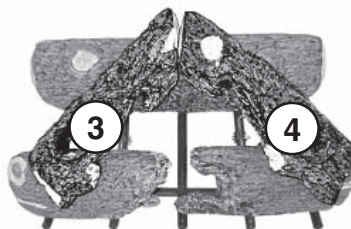


Fig. 18-4

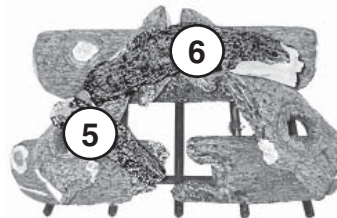


Fig. 18-5

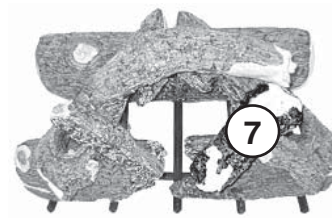


Fig. 18-6

Periodically observe the flames. Flames should be approximately 22"-24" above the fireplace floor, a little blue at the base mostly orange and yellow flames (see Fig. 19-1). The flames should impinge on the logs and grating as little as possible to avoid sooting the logs or the grating.

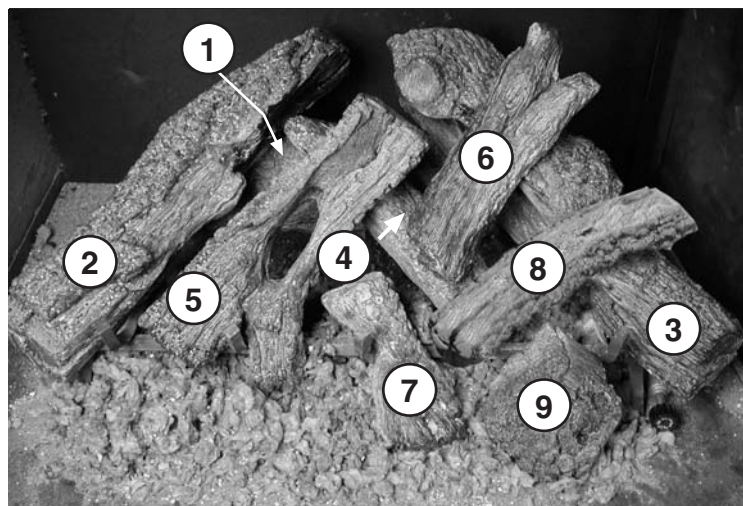
WESTERN CAMPFYRE™ LOG PLACEMENT

WESTERN CAMPFYRE™ STYLE LOGS LAYOUT SUMMARY

If you have purchased this style of log set, follow the instructions below.



Fig. 19-1



1. MWCFL-18BR	Rear log
2. MWCFL-18L	Left log
3. MWCFL-18R	Right log
4. MWCFL-13T	Top log
5. MWCFL-13TY	Top log

ITEMS

6. MWCFL-10TY	Top log
7. MWCFL-8T1	Top log
8. MWCFL-11T	Top log
9. MWCFL-5T	Top log

Note: LOG PLACEMENT is very important for the proper operation and performance of the Real-Fyre® gas log set. Please follow these instructions carefully. Refer to the photo (Fig. 19-1) for log numbering and the overall look of the completed layout.

- Step 1.** Install the ember bed provided with the G46, as shown on the previous page.
- Step 2.** Place the bottom rear log (Log #1 in the photo) on the back of the grate so that the bark faces to the front. The two flat indentations and “V” notch will be face up.
- Step 3.** Place the left and right logs (Logs #2 & #3) so they rest on the flat indentations on the rear log (Log #1) and on the ends of the grate front bar leg. You may need to adjust slightly to secure in position.
- Step 4.** Place top Log #4 resting with the pointed end fitting in the “V” notch on the rear log (Log #1). The notch on the other end of Log #4 rests against the second **right-side** outer grate finger (check photo).
- Step 5.** Place top Log #5 with the “Y” end resting securely on the second **left-side** outer grate finger, the opposite end resting on Log #4 (check photo).
- Step 6.** Place top Log #6 resting in the cutout on right Log #3, with its opposite resting on Log #4 (check photo).
- Step 7.** Place top Log #7 (the shortest log) on the fireplace bottom, resting against the front middle grate finger (check photo).
- Step 8.** Place top Log #8 so it rests on Log #4 and on Log #3 (check photo).
- Step 9.** Place top Log #9 (the round log) so it rests against the right front leg and between the two **right-side** outer grate fingers (check photo).

INSTRUCTIONS D'ÉCLAIRAGE - PILOTE ET VALVE MANUELS DE LA SÉRIE 17

POUR VOTRE SÛRETÉ, LISEZ AVANT DE S'ALLUMER

AVERTISSEMENT: Si vous ne suivez pas ces instructions exactement, un incendie ou une explosion peut résulter entraînant des dégâts matériels, des blessures ou la perte de la vie.

N'employez pas cet appareil si n'importe quelle partie a été sous-marine. Réclamez immédiatement un technicien de service professionnel qualifié et pour inspecter l'appareil et pour remplacer n'importe quelle partie du système de commande et de n'importe quelle commande de gaz qui a été sous l'eau.

Le Vrai-Fyre® système de brûleur a un pilote qui peut être allumé en utilisant construit dans le passage d'ignitor de piezo sur le brûleur, ou employer à la main une allumette ou désirer ardemment allumeur étranglé. En allumant le pilote, suivez ces instructions exactement.

AVANT DE S'ALLUMER, sentez tous autour du secteur de brûleur pour le gaz. Soyez sûr de sentir à côté du plancher car un certain gaz est plus lourd que l'air et arrangez sur le plancher. SI VOUS SENTEZ LE GAZ, SUIVEZ LES INSTRUCTIONS À LA P. 1.

Utilisez seulement votre main pour enfoncer ou pour tourner le bouton de commande de gaz. N'utilisez jamais les outils. Si le bouton n'enfoncera pas ou ne tournera pas à la main, n'essayez pas de le réparer. Appelez un technicien de service professionnel qualifié et. La force ou la réparation essayée peut avoir comme conséquence l'incendie ou l'explosion.

ALLUMER LE PILOTE

1. Si le bouton de soupape de commande de brûleur n'est pas dans la position de **OFF**, enfoncez la poignée de commande de gaz légèrement et tournez-vous dans le sens des aiguilles d'une montre ↻ vers **OFF** (fig. 20-1).

Note: Le bouton de commande de brûleur ne peut pas être tourné du **PILOT** au **OFF** à moins que la poignée soit enfoncée légèrement. Ne forcez pas.

Attendez cinq minutes pour dégager dehors n'importe quel gaz. Si vous sentez alors le gaz, **ARRÊTEZ !** Informez votre fournisseur de gaz ou le département de feu immédiatement. Si vous ne sentez pas le gaz, passez dessus à l'étape 2.

2. Tournez le bouton de commande de brûleur dans le sens contraire des aiguilles d'une montre ↺ au **PILOT** (Fig. 20-1). Poussez la poignée de commande toute la manière dedans et tenez-la. Enfoncez le bouton d'ignitor de piezo plusieurs fois jusqu'aux lampes témoin. Continuez à tenir le bouton de commande pour approximativement 30 secondes après que le pilote est allumé pour permettre au thermocouple de détecter la flamme pilote, puis libérez le bouton. Le pilote restera s'est allumé.

- Si le pilote ne s'allumera pas, répétez les étapes 1. et 2.
- Si le pilote ne restera pas s'allumait après que plusieurs essais, tournent la poignée de commande de gaz à **OFF** et appellent votre fournisseur de technicien ou de gaz de service.

ALLUMAGE DU BRÛLEUR PRINCIPAL

1. Assurez-vous que le pilote brûle.
2. Tournez la poignée de commande de gaz dans le sens contraire des aiguilles d'une montre ↺ à **ON** (fig. 20-1) pour mettre à feu le brûleur. Le brûleur mettra à feu.

Note: Examinez périodiquement la flamme pilote pour assurer le modèle approprié de flamme (Fig. 20-1).

ASSUREZ-VOUS QUE LE THERMOCOUPLE ET L'ASSEMBLÉE PILOTE SONT EN ALIGNEMENT CORRECT AVEC L'UN L'AUTRE (FIG. 20-1).

ROTATION OUTRE DU BRÛLEUR PRINCIPAL

1. De la position de **ON**, tournez le bouton de commande dans le sens des aiguilles d'une montre ↻ à la position **PILOT**. Le brûleur s'éteindra et le pilote restera s'est allumé.

S'ÉTEINDRE LE PILOTE

1. Si complet l'arrêt est désiré, de la position **PILOT**, de l'enfoncer le bouton de commande légèrement et du tour dans le sens des aiguilles d'une montre ↻ à la position de repos. Ne forcez pas le bouton. **NE FORCEZ PAS LE BOUTON.** Ceci exigera du pilote d'être re-s'est allumé avant d'utiliser le brûleur encore.

Le SPK-17 est capable de l'éclairage à distance. Si votre unité est équipée d'un extérieur, lisez et suivez les instructions à distance séparées d'actionner le brûleur à distance.

(valve manuelle montrée)

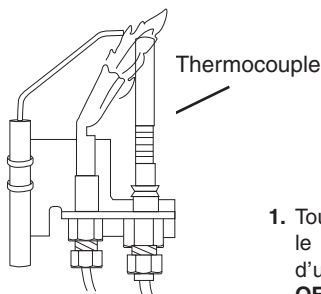
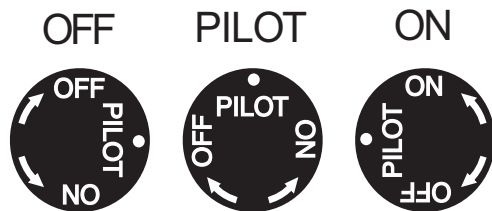


Fig. 20-1

1. **S'ALLUMER** - tournez le bouton de commande de brûleur à **OFF** ↻ et attendez 5 minutes avant de s'allumer.



1. Tournez le cadran dans le sens des aiguilles d'une montre ↻ à **OFF** seulement quand l'arrêt complet est nécessaire.
2. Tournez le cadran dans le sens contraire des aiguilles d'une montre ↺ à la position **PILOT**. Avec le bouton prêt de pression d'allumette dedans et la prise pendant 60 secondes tout en allumant le pilote.
3. Tournez le bouton contre- dans le sens des aiguilles d'une montre ↻ au brûleur léger.

LIGHTING INSTRUCTIONS - MANUAL PILOT AND SERIES 17 VALVE

FOR YOUR SAFETY, READ BEFORE LIGHTING

WARNING

If you do not follow these instructions exactly, a fire or explosion may result, causing property damage, personal injury, or loss of life.

Do not use this appliance if any part has been underwater. Immediately call for a qualified professional service technician to inspect the appliance and to replace any part of the control system and any gas control that has been underwater.

The Real-Fyre® burner system has a pilot that can be lit using the built-in piezo ignitor switch on the burner, or by hand using a match or long-necked lighter. When lighting the pilot, follow these instructions exactly.

BEFORE LIGHTING, smell all around the burner area for gas. Be sure to smell next to the floor, as some gas is heavier than air and will settle on the floor. IF YOU SMELL GAS, FOLLOW THE INSTRUCTIONS ON P. 1.

Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it. Call a qualified professional service technician. Force or attempted repair may result in fire or explosion.

LIGHTING THE PILOT

1. If the burner control valve knob is not in the **OFF** position, push in the gas control handle slightly and turn clockwise ↻ to **OFF** (Fig. 21-1). Refer to the PARTS LIST for the location of the burner control valve knob.

Note: The burner control knob cannot be turned from **PILOT** to **OFF** unless the handle is pushed in slightly. Do not force.

Wait five minutes to clear out any gas. If you then smell gas, STOP! Notify your gas supplier or the fire department immediately. If you don't smell gas, go on to step 2.

2. Turn the burner control knob counterclockwise ↺ to **PILOT** (Fig. 21-1). Push the control handle all the way in and hold it. Push in the piezo ignitor button several times until the pilot lights. Continue to hold the control knob for approximately 60 seconds after the pilot is lit to allow the thermocouple to detect the pilot flame, then release the knob. The pilot will remain lit.
- If the pilot will not light, repeat steps 1 and 2.
 - If the pilot will not stay lit after several tries, turn the gas control handle to **OFF** and call your service technician or gas supplier.

IGNITING THE MAIN BURNER

1. Make sure the pilot is burning.
2. Turn the gas control handle counterclockwise ↺ to **ON** (Fig. 21-1) to ignite the burner. The burner will ignite.

Note: Periodically check the pilot flame for the proper flame pattern (Fig. 21-1).

MAKE SURE THE THERMOCOUPLE AND PILOT ASSEMBLY ARE IN CORRECT ALIGNMENT WITH EACH OTHER (Fig. 21-1).

TURNING OFF THE MAIN BURNER

1. From the **ON** position, turn the control knob clockwise ↻ to the **PILOT** position. The burner will extinguish, and the pilot will remain lit.

EXTINGUISHING THE PILOT

1. If complete shutdown is desired, from the **PILOT** position, push in the control knob slightly and turn clockwise ↻ to the **OFF** position. **Do not force the knob.** This will require the pilot to be relit before using the burner again.

The SPK-17 is capable of remote lighting. If this unit was shipped with a remote, or if a remote system was installed later, read and follow the separate remote instructions to operate the burner remotely.

(Manual valve shown)



1. Lighting - Turn the burner control knob to **OFF** ↻ and wait 5 minutes before lighting.

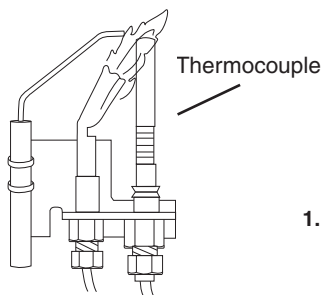
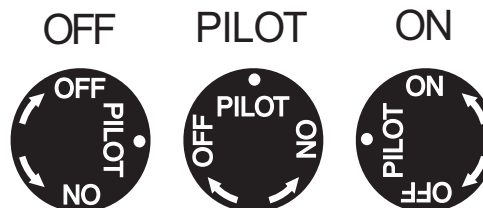


Fig. 21-1



1. Turn the knob clockwise to **OFF** ↻ only when complete shutdown is desired.
2. Turn knob counterclockwise ↺ to **PILOT** position. With match ready, press knob in and hold for 60 seconds while lighting pilot.
3. Turn the knob counterclockwise ↺ to **ON** to light the burner.

INSTRUCTIONS D'ÉCLAIRAGE - VALVE DE LA SÉRIE 11

POUR VOTRE SÛRETÉ, LISEZ AVANT DE S'ALLUMER

AVERTISSEMENT : Si vous ne suivez pas ces instructions exactement, un incendie ou une explosion peut résulter entraînant des dégâts matériels, des blessures ou la perte de la vie.

N'employez pas cet appareil si n'importe quelle partie a été sous-marine. Réclamez immédiatement un technicien de service professionnel qualifié et pour inspecter l'appareil et pour remplacer n'importe quelle partie du système de commande et de n'importe quelle commande de gaz qui a été sous l'eau.

Le Vrai-Fyre® système de brûleur a un pilote qui peut être allumé en employant construit dans le passage d'ignitor de piezo sur le brûleur, ou employer à la main une allumette ou désirer ardemment allumeur étranglé. En allumant le pilote, suivez ces instructions exactement.

AVANT DE S'ALLUMER, sentez tous autour du secteur de brûleur pour le gaz. Soyez sûr de sentir à côté du plancher car un certain gaz est plus lourd que l'air et arrangez sur le plancher. **SI VOUS SENTEZ LE GAZ, SUIVEZ LES INSTRUCTIONS À LA P. 1.**

Utilisez seulement votre main pour enfoncer ou pour tourner le bouton de commande de gaz. N'utilisez jamais les outils. Si le bouton n'enfoncera pas ou ne tournera pas à la main, n'essayez pas de le réparer. Appelez un technicien de service professionnel qualifié et. La force ou la réparation essayée peut avoir comme conséquence l'incendie ou l'explosion.

ALLUMANT LE PILOTE

Pour lire le bouton de commande de soupape de sûreté (Fig. 22-1) lisez l'indicateur formé par l'anneau la plus proche en métal d'inscription.

1. Si le bouton de commande de soupape de sûreté est en position **PILOT**, enfoncez légèrement sur le bouton et tournez-le dans le sens des aiguilles d'une montre jusqu'à la position de **OFF**.
2. Libérez le bouton et attendez cinq minutes.
3. Tournez le bouton de soupape de sûreté dans le sens contraire des aiguilles d'une montre à la position **PILOT** (seulement le gaz pilote coulera quand le bouton est enfoncé).
4. Poussez et tenez le bouton de soupape de sûreté entièrement dedans et enfoncez le bouton d'ignitor de piezo plusieurs fois jusqu'aux lampes témoin.
5. Tenez le bouton de soupape de sûreté dedans pendant approximativement 60 secondes avant de libérer.
6. **Si le pilote ne reste pas s'allumait**, la position de **OFF** de bouton de soupape de sûreté dans le sens des aiguilles d'une montre entièrement. Attendez cinq minutes, puis répétez les étapes 3. à 5.

METTANT À FEU LE BRÛLEUR PRINCIPAL

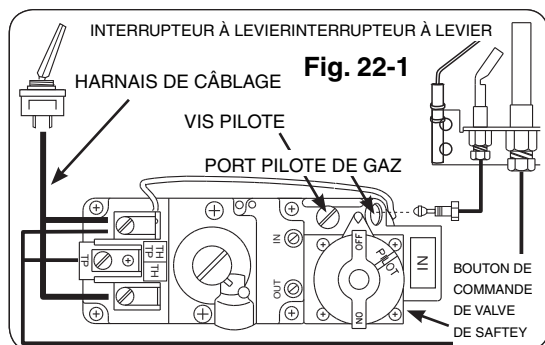
Avec lampe témoin, tournez le bouton de soupape de sûreté dans le sens contraire des aiguilles d'une montre à la position de **ON**. Commutez la commande d'interrupteur à levier à la position de **ON** et le brûleur s'allumera.

COUPANT LE BRÛLEUR PRINCIPAL

Commutez la commande d'interrupteur à levier à la position de **OFF**. Le pilote restera s'est allumé.

COUPANT LE PILOTE

Soyez sûr que commande d'interrupteur à levier est éteint et enfonce et tourne le bouton de soupape de sûreté dans le sens des aiguilles d'une montre à la position de **OFF**.



AJUSTANT LE PILOTE

1. La flamme pilote devrait encrer le bout de générateur, et est préréglée à l'usine (Fig. 22-2).
2. Si l'ajustement est nécessaire, (Fig. 22-1) tournez la vis d'approche de gaz dans le sens contraire des aiguilles d'une montre pour augmenter la flamme pilote, ou pour diminuer dans le sens des aiguilles d'une montre la flamme pilote.

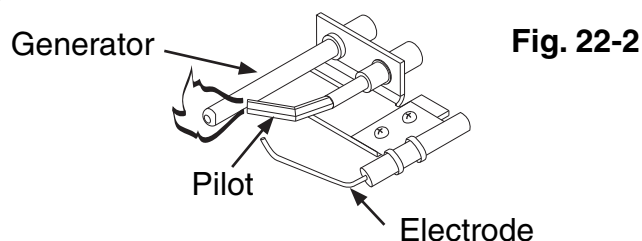
ENTRETIEN

Votre brûleur à casserole est équipé d'un pilote de sûreté qui coupera l'offre de gaz au cas où le pilote serait ne brûlant pas ou ne fonctionnant pas correctement. Assurez-vous que le pilote est ajusté correctement et que les agrafes de cosse de générateur sont étroitement reliées aux vis terminales sur la valve. Si le pilote ne restera pas allumait, appelle votre utilité de gaz ou fournisseur locale de gaz.

Un contrôle périodique du suivant devrait être exécuté au moins annuellement par un représentant qualifié de service professionnel.

1. Valves et commande d'interrupteur à levier pour l'opération appropriée.
2. Système de conduite de cheminée pour la rouille, les dommages ou les fuites.
3. Une opération plus humide.
4. Orifices pour la saleté ou d'autres corps étrangers.
5. Contrôle visuel sur le brûleur.

Si cette unité était embarquée avec un extérieur, ou si un système à distance était installé plus tard, lisez et suivez les instructions à distance séparées d'actionner le brûleur à distance.



Note: La flamme pilote devrait encrer le dessus du générateur

LIGHTING INSTRUCTIONS - SERIES 11 VALVE

FOR YOUR SAFETY, READ BEFORE LIGHTING

WARNING

If you do not follow these instructions exactly, a fire or explosion may result, causing property damage, personal injury, or loss of life.

Do not use this appliance if any part has been underwater. Immediately call for a qualified professional service technician to inspect the appliance and to replace any part of the control system and any gas control that has been underwater.

The Real-Fyre® burner system has a pilot that can be lit by using the built-in piezo ignitor switch on the burner, or by hand using a match or long-necked lighter. When lighting the pilot, follow these instructions exactly.

BEFORE LIGHTING, smell all around the burner area for gas. Be sure to smell next to the floor, as some gas is heavier than air and will settle on the floor. IF YOU SMELL GAS, FOLLOW THE INSTRUCTIONS ON P. 1.

Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it. Call a qualified professional service technician. Force or attempted repair may result in fire or explosion.

LIGHTING THE PILOT

To read the safety valve control knob (Fig. 23-1), read the marking nearest the teardrop-shaped metal pointer.

1. If the safety valve control knob is in the **PILOT** position, push in slightly on the knob and rotate it clockwise ↻ to the **OFF** position.
2. Release knob and wait five (5) minutes.
3. Turn safety valve knob counterclockwise ↺ to the **PILOT** position. (Only the pilot gas will flow when the knob is pushed in.)
4. Push and hold the safety valve knob fully in and push in the piezo ignitor button several times until the pilot lights.
5. Hold the safety valve knob in for approximately 60 seconds before releasing.
6. If the pilot does not stay lit, turn the safety valve knob clockwise ↻ to the full **OFF** position. Wait five (5) minutes, then repeat steps 3 through 5.

IGNITING THE MAIN BURNER

With the pilot lit, turn the safety valve knob counterclockwise ↺ to the **ON** position. Switch the toggle switch control to the **ON** position, and the burner will light. Refer to the PARTS LIST for the toggle switch location.

SHUTTING OFF THE MAIN BURNER

Switch the toggle switch control to the **OFF** position. The pilot will remain lit.

SHUTTING OFF THE PILOT

Be sure the toggle switch control is **OFF** and depress and turn the safety valve knob clockwise ↻ to the **OFF** position.

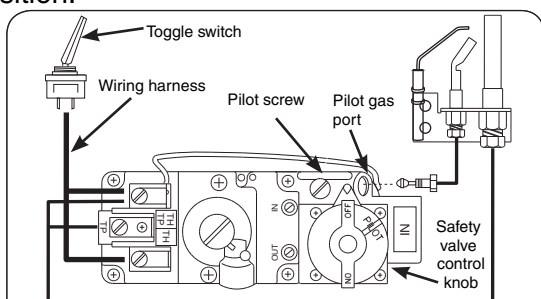


Fig. 23-1

ADJUSTING THE PILOT

- a. The pilot flame should encircle the generator tip, and is preset at the factory (Fig. 23-2).
- b. If adjustment is necessary (Fig. 23-1), turn the gas adjustment screw counterclockwise ↺ to increase the pilot flame, or clockwise ↻ to decrease the pilot flame.

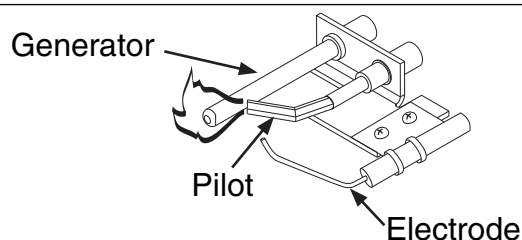
MAINTENANCE

Your pan burner is equipped with a safety pilot that will shut off the gas supply in the event that the pilot is not functioning properly. Make sure the pilot is adjusted properly and that the generator spade clips are tightly connected to the terminal screws on the valve. If the pilot will not stay lit, call your local gas utility or gas supplier.

A periodic check of the following should be performed at least annually by a qualified professional service representative:

1. Valves and toggle switch control for proper operation.
2. Flue system for rust, damage, or leaks.
3. Damper operation.
4. Orifices for dirt or other foreign matter.
5. Visual check on the burner.

If this unit was shipped with a remote, or if a remote system was installed later, read and follow the separate remote instructions to operate the burner remotely.



Note: Pilot flame should encircle top of the generator.

Fig. 23-2 Lighting the pilot

INSTRUCTIONS D'ÉCLAIRAGE - VALVE DE LA SÉRIE 01

** Nous recommandons qu'avant que vous installiez votre grosse bûche mise vous vous familiarisez avec la disposition de la valve du contrôle. Cela vous aidera pour être opérer plus confiant la grosse bûche mise quand a complètement installé.*

POUR VOTRE SECURITE, LISEZ AVANT D'ALLUMER

PRÉVENIR: Si vous ne suivez pas ces instructions exactement, un feu ou explosion peuvent résulter, en causant dégât de la propriété, blessure personnelle ou perte de vie.

Le l'ensemble de la grosse bûche du gaz a un pilote qui doit être allumé à la main. Quand allumer le pilote, suivez ces directives exactement

AVANT d'ALLUMER, sentez autour de la grosse bûche du gaz mis la région pour le gaz. Soyez sûr de sentir à côté du sol parce qu'un peu de gaz est plus lourd qu'air et résoudra par terre. SI VOUS SENTEZ DU GAZ, SUIVEZ LES DIRECTIVES SUR PAGE 1.

Utilisez seulement votre main pousser dans ou tourner le bouton de réglage du gaz. N'utilisez jamais des outils. Si le bouton ne poussera pas dans ou tourner à la main, n'essayez pas de le réparer. Appelez un technicien du service qualifié, professionnel. force ou a tenté la réparation peut résulter en feu ou explosion.

CETTE UNITÉ (G46-01) A UN PILOTE DE LA NON-POSITION.

Allumer le brûleur pilote et principal.

1. ARRÊTEZ! Lisez l'information de la sécurité au-dessus.
2. Tour "FERMÉ" tout appareil électrique (tel que le Peterson système du circulator de l'air chaud) si usagé avec l'ensemble de la grosse bûche.
3. Placez le 'Changement' (a marqué " je" = allumez; "O" = "Fermé", Représentez-en 24-1) dans "FERMÉ" place.
4. Attendez cinq (5) minutes éclaircir dehors tout gaz. Si vous alors gaz de l'odeur, ARRÊT! Suivez les directives sur page 1.
5. Pressez le changement sur le cône du pin au "je" place ("je" = Allumez, voyez le Chiffre 24-2). Une série rapide d'étincelles au pilote (cobra) tête. Ces étincelles cessent quand la flamme pilote est allumée et est logée dans une sécurie. Quand le pilote devient stable la valve électronique ouvrira et allumer le brûleur principal.

PRUDENCE: SI L'ENSEMBLE du GAZ N'ALLUME PAS DANS 20 SECONDES, ARRÊTEZ, ATTENDEZ ALORS 5 MINUTES RÉPÉTITION "ALLUMER LE BRÛLEUR PILOTE ET PRINCIPAL".



PINE CONE SWITCH

Fig. 24-1



**COMMUTATEUR DU
CÔNE DU PIN DANS SUR
POSITION**

Fig. 24-2



**COMMUTATEUR DU CÔNE
DU PIN DANS 'FERMÉ'
POSITION**

Fig. 24-3

ÉTEINDRE LE G46-01 ENSEMBLE DE LA GROSSE BÛCHE DU GAZ ÉLOIGÉ

1. Pressez le changement sur le cône du pin au O place (O = FERMÉ, Représentez-en 24-3). Le courant du gaz cessera et toutes les flammes (brûleur principal et pilote) sortira.

Si cette unité était embarquée avec un extérieur, ou si un système à distance était installé plus tard, lisez et suivez les instructions à distance séparées d'actionner le brûleur à distance.

LIGHTING INSTRUCTIONS - 01 VALVE

** We recommend that before you install your log set, you familiarize yourself with the control valve layout. This will help you to be confident operating the log set when fully installed.*

FOR YOUR SAFETY, READ BEFORE LIGHTING

WARNING

If you do not follow these instructions exactly, a fire or explosion may result, causing property damage, personal injury, or loss of life.

The Real-Fyre® G46 Series gas log set has a pilot that can be lit by hand using the piezo ignitor. When lighting the pilot, follow these instructions exactly.

BEFORE LIGHTING, smell all around the gas log set area for gas. Be sure to smell next to the floor as some gas is heavier than air and will settle on the floor. IF YOU SMELL GAS, FOLLOW THE INSTRUCTIONS ON PAGE 1.

Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it. Call a qualified professional service technician. Force or attempted repair may result in fire or explosion.

THIS UNIT (G46-01) HAS A NON-STANDING PILOT.

TO LIGHT THE PILOT AND MAIN BURNER

1. **STOP!** Read the safety information above.
2. Turn **OFF** any electrical appliance (such as the Peterson warm air circulator system) if used with the log set.
3. Place the switch (marked **I = IGNITE**; **O = OFF**, Fig. 25-1) in the **OFF** position.
4. Wait five (5) minutes to clear out any gas. If you then smell gas, **STOP!** Follow the instructions on page 1.
5. Press the switch on top of the pine cone to the **I** position (see Fig. 25-2). There will be a rapid series of sparks at the pilot (cobra) head. These sparks cease when the pilot flame is lit and stable. When the pilot becomes stable, the electronic valve will open and light the main burner.

CAUTION: If the gas set does not ignite within 20 seconds, stop, wait 5 minutes, and then repeat TO LIGHT THE PILOT AND MAIN BURNER.



Pine cone switch

Fig. 25-1



Pine cone switch in
ON position

Fig. 25-2



Pine cone switch in
OFF position

Fig. 25-3

TO TURN OFF THE G46-01 REMOTE GAS LOG SET

1. Press the switch on top of the pine cone to the **O** position (**O = OFF**, Fig. 25-3). The gas flow will cease, and all flames (main burner and pilot) will go out.

If this unit was shipped with a remote, or if a remote system was installed later, read and follow the separate remote instructions to operate the burner remotely.

INSTRUCTIONS D'ÉCLAIRAGE - VALVE DE LA SÉRIE 15

POUR VOTRE SÛRETÉ, LISEZ AVANT DE S'ALLUMER

AVERTISSEMENT : Si vous ne suivez pas ces instructions exactement, un incendie ou une explosion peut résulter entraînant des dégâts matériels, des blessures ou la perte de la vie.

N'employez pas cet appareil si n'importe quelle partie a été sous-marine. Réclamez immédiatement un technicien de service professionnel qualifié et pour inspecter l'appareil et pour remplacer n'importe quelle partie du système de commande et de n'importe quelle commande de gaz qui a été sous l'eau.

Le Vrai-Fyre® système de brûleur a un pilote qui peut être allumé à la main en utilisant une allumette ou un allumeur. En allumant le pilote, suivez ces instructions exactement.

AVANT DE S'ALLUMER, sentez tous autour du secteur de brûleur pour le gaz. Soyez sûr de sentir à côté du plancher car un certain gaz est plus lourd que l'air et arrangez sur le plancher. SI VOUS SENTEZ LE GAZ, SUIVEZ LES INSTRUCTIONS À LA P. 1.

Utilisez seulement votre main pour enfoncer ou pour tourner le bouton de commande de gaz. N'utilisez jamais les outils. Si le bouton n'enfoncera pas ou ne tournera pas à la main, n'essayez pas de le réparer. Appelez un technicien de service professionnel qualifié et. La force ou la réparation essayée peut avoir comme conséquence l'incendie ou l'explosion.

ALLUMER LE PILOTE

1. Tournez le bouton de commande d'ignitor (Fig. 26-1) de la soupape de commande de brûleur au côté de la casserole de brûleur dans le sens contraire des aiguilles d'une montre de sorte que la partie de rétrécissement du bouton se déplace de la position de **OFF**, légèrement vers **IGN** jusqu'à atteindre l'arrêt.
2. Serrez le bouton de commande d'ignitor dedans et tenez dedans pendant 5 secondes (seulement le gaz pilote coulera).
3. Continuez d'enfoncer tout en tournant le dans le sens contraire des aiguilles d'une montre supplémentaire de bouton de commande d'ignitor, vers la position **PILOT**, jusqu'à ce que vous entendiez un clic. Le clic est une indication que l'ignitor de pizio a été activé.

Note: Si l'étincelle de l'ignitor de pizio n'allume pas le pilote, répétez les étapes 2 et 3 jusqu'au pilote lights.

4. Continuez à tenir le bouton de commande d'ignitor en position **PILOT** pour 60 secondes après que le pilote a été allumé pour permettre au thermocouple de détecter la flamme pilote.

Note: La flamme pilote devrait toujours être présent quand le système de brûleur est en fonction, et devrait juste envelopper le bout du thermocouple.

ALLUMAGE DU BRÛLEUR PRINCIPAL

1. Quand la flamme pilote est stable, libérez le bouton de commande d'ignitor et tournez-vous dans le sens contraire des aiguilles d'une montre vers la position de **ON** pour permettre le brûleur principal.
2. Tournez le bouton de commande de taille de flamme (Fig. 26-3) entièrement dans le sens contraire des aiguilles d'une montre pleinement la position de fonctionnement (Fig. 26-4) pour mettre à feu le brûleur chez BTUs maximum.

Après que le brûleur principal mette à feu, ajustez la taille de flamme comme indiqué ci-dessous.

AJUSTEMENT DE LA TAILLE DE FLAMMET

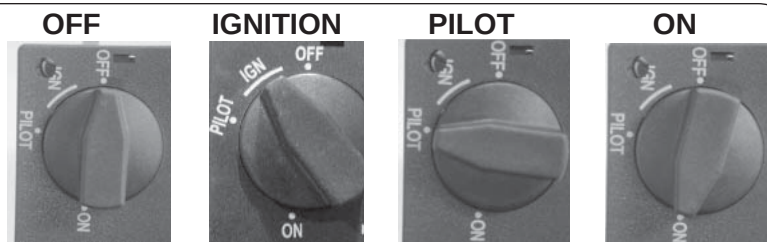
1. Pour ajuster la flamme, tournez le bouton de commande de taille de flamme (Fig. 26-3) dans le sens contraire des aiguilles d'une montre à la taille de flamme d'augmentation et dans le sens des aiguilles d'une montre à la taille de flamme de diminution jusqu'à ce que les flammes aient les caractéristiques désirées.
2. Quand vous êtes fini appréciant votre feu, tournez le bouton de commande de taille de flamme à **OFF**. Le pilote restera s'est allumé. Le système de brûleur peut être relit en tournant le bouton de commande de taille de flamme vers **ON**.

COUPER LE PILOTE

Si vous ne projetez pas sur employer votre système de brûleur pendant une période prolongée vous pouvez choisir de vous éteindre le pilote. Pour faire ceci, tournez le bouton de commande de taille de flamme jusqu'à la position de **OFF** et puis tournez le bouton de commande d'ignitor jusqu'à la position de **OFF** (Fig. 26-1).

Important: En fermant le système de brûleur complètement, tournez le bouton de control/ignition à la position de repos (Fig. 26-1). Si vous désirez tourner l'unité en arrière dessus, attendez une minute au minimum avant de commencer le procédé de rallumer (ALLUMANT LE PILOTE). Ceci permet à la soupape de sûreté de remettre à zéro en vue de rallumer.

Si cette unité était embarquée avec un extérieur, ou si un système à distance était installé plus tard, lisez et suivez les instructions à distance séparées d'actionner le brûleur à distance.



POSITIONS D'OPÉRATION DE CLAPET À GAZ
Fig. 26-1

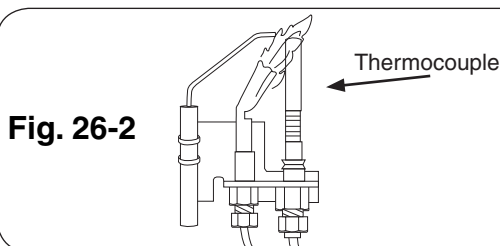


Fig. 26-2

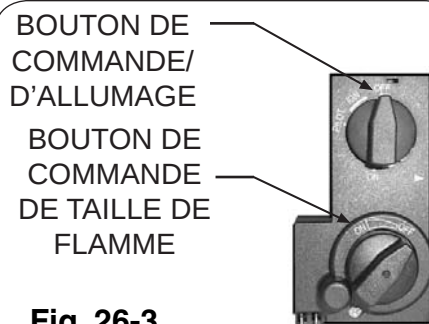


Fig. 26-3



BOUTON DE COMMANDE DE TAILLE DE FLAMME

OFF

Fig. 26-4

ON

LIGHTING INSTRUCTIONS - SERIES 15 VALVE

FOR YOUR SAFETY, READ BEFORE LIGHTING

WARNING

If you do not follow these instructions exactly, a fire or explosion may result, causing property damage, personal injury, or loss of life.

Do not use this appliance if any part has been underwater. Immediately call for a qualified professional service technician to inspect the appliance and to replace any part of the control system and any gas control that has been underwater.

The Real-Fyre® burner system has a pilot. When starting the pilot, follow these instructions exactly.

BEFORE LIGHTING, smell all around the gas burner system area for gas. Be sure to smell next to the floor, as some gas is heavier than air and will settle on the floor. IF YOU SMELL GAS, FOLLOW THE INSTRUCTIONS ON P. 1.

Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it. Call a qualified professional service technician. Force or attempted repair may result in fire or explosion.

LIGHTING THE PILOT

1. Turn the ignitor control knob (Fig. 27-1) on the burner control valve assembly to the side of the burner pan counterclockwise ↶ so that the narrowing part of the knob moves from the **OFF** position, slightly toward **IGN**, until reaching the stop.
2. Press the ignitor control knob in and hold in for five (5) seconds (only pilot gas will flow).
3. Continue pressing in while turning the ignitor control knob further counterclockwise ↶ toward the **PILOT** position until you hear a click. The click is an indication that the piezo ignitor has been activated.

Note: If the spark from the piezo ignitor does not light the pilot, repeat steps 2 & 3 until the pilot lights.

4. Continue to hold the ignitor control knob in the **PILOT** position for 60 seconds after the pilot has been lit to allow the thermocouple to detect the pilot flame.

Note: The pilot flame should always be present when the burner system is in operation, and should just envelop the tip of the thermocouple.

IGNITING THE MAIN BURNER

1. When the pilot flame is stable, release the ignitor control knob and turn counterclockwise ↶ to the **ON** position to enable the main burner.
2. Turn the flame-height control knob (Fig. 27-3) counterclockwise ↶ to the fully **ON** position

(Fig. 27-4) to ignite the burner at maximum BTUs. After the main burner ignites, adjust the flame height as indicated below.

ADJUSTING THE FLAME HEIGHT

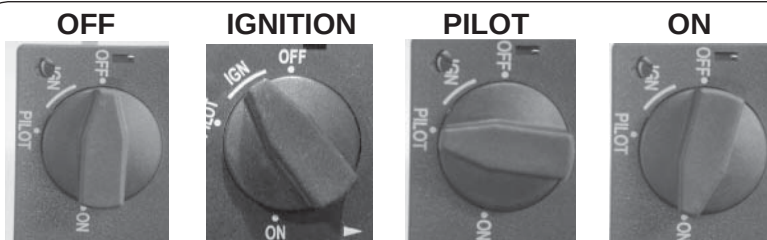
1. To adjust the flame, turn the flame-height control knob (Fig. 27-3) counterclockwise ↶ to increase the flame height, or clockwise ↷ to decrease the flame height, until the flames have the desired characteristics.
2. When you are finished enjoying your fire, turn the flame-height control knob to **OFF**. The pilot will remain lit. The burner system can be relit by rotating the flame-height control knob toward **ON**.

SHUTTING OFF THE PILOT

If you do not plan on using your burner system for an extended period, you may elect to extinguish the pilot. To do this, rotate the flame-height control knob to the **OFF** position and then rotate the ignitor control knob to the **OFF** position (Fig. 27-1).

Important: When shutting the burner system down completely, turn the control/ignition knob to the **OFF** position (Fig. 27-1). If you desire to turn the unit back on, wait a minimum of one (1) minute before starting the relight procedure (LIGHTING THE PILOT). This allows the safety valve to reset in preparation for relighting.

If this unit was shipped with a remote, or if a remote system was installed later, read and follow the separate remote instructions to operate the burner remotely.



Gas valve operating positions
Fig. 27-1

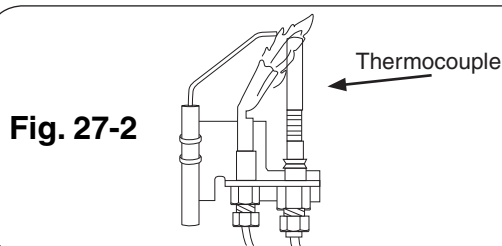


Fig. 27-2

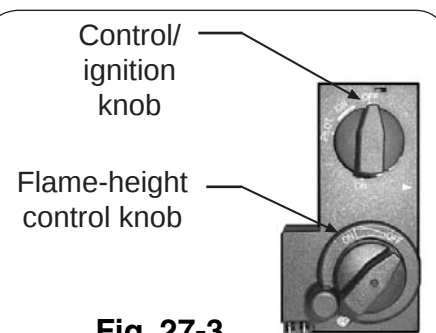


Fig. 27-3



Flame-height control knob

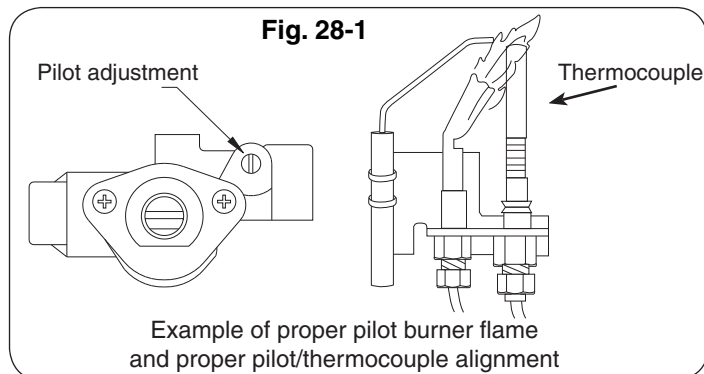
OFF

Fig. 27-4

ON

PILOT BURNER ADJUSTMENT (G46 MANUAL)

The pilot burner is preset at the factory and normally should not require adjustment. However, if adjustment is necessary, the following steps should be taken:



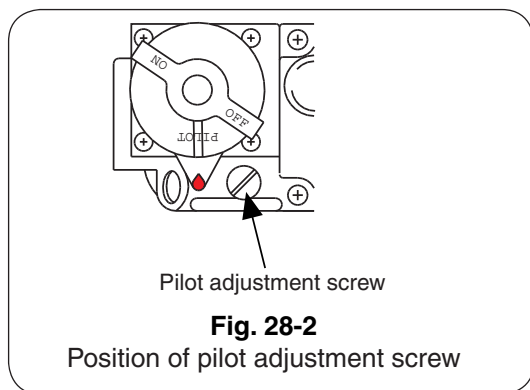
With the pilot burner lit and the control knob in the pilot position, use a long, narrow screwdriver to turn the pilot adjustment screw (located on front of valve). Turn the adjustment screw slowly clockwise to reduce the flame, or counterclockwise to increase the flame. The adjustment screw can be turned so that the pilot flame is completely extinguished. The pilot flame should be a quiet, soft blue flame with yellow tipping that encircles the thermocouple tip.

Turn the control knob to the **ON** position to ensure proper ignition of the log set.

PILOT BURNER ADJUSTMENT (G46-11)

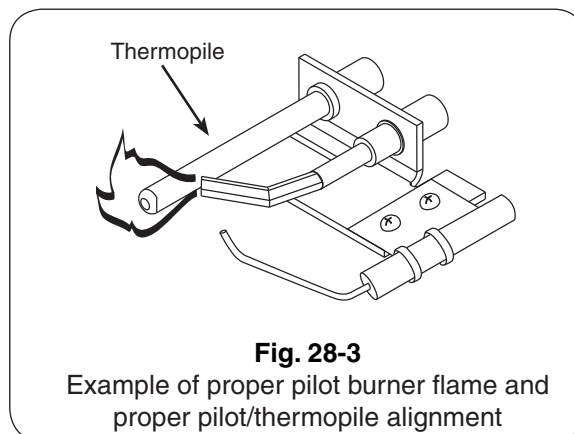
The pilot burner is preset at the factory and should normally not require any adjustment. However, if adjustment is necessary, the following steps should be taken:

1. Pull the burner forward so that you can access the pilot burner adjustment screw.
2. Light the pilot burner (see the LIGHTING INSTRUCTIONS).
3. With the control knob in the **PILOT** position, carefully remove the cap screw and gasket covering the safety pilot adjustment screw on the control valve.
4. Using a long, narrow screwdriver, turn the pilot adjustment screw (Fig. 28-2) slowly clockwise to

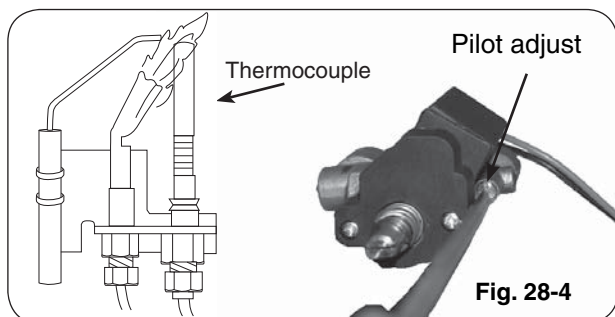


reduce the flame, or counterclockwise to increase the flame. The adjustment screw can be turned so that the pilot flame is completely extinguished. The pilot flame should be a quiet, soft blue flame with yellow tipping that encircles the tip of the thermopile (Fig. 28-3).

5. Reassemble the cap screw and gasket to the valve body, ensuring that the cap screw and gasket are firmly seated on the valve body. Turn the control knob to the **ON** position to ensure proper ignition of the log set.



PILOT BURNER ADJUSTMENT (G46-17)



The pilot burner is preset at the factory and normally should not require adjustment. However, if adjustment is necessary, the following steps should be taken:

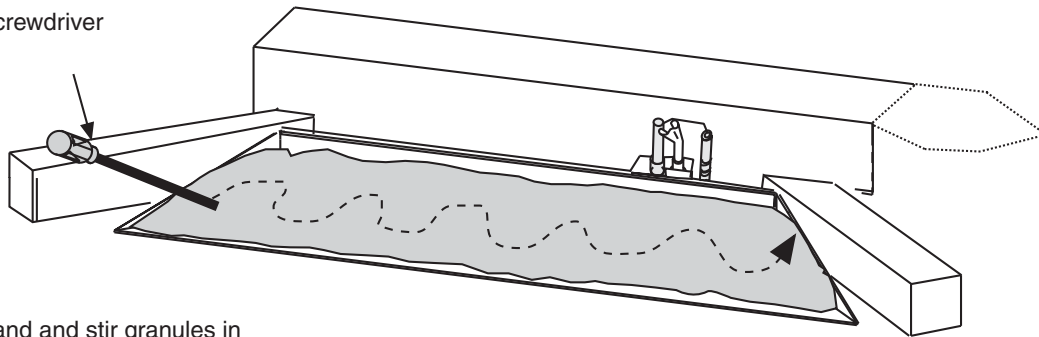
With the pilot lit and the control knob in the pilot position, use a long narrow screw driver and turn the pilot adjustment screw slowly clockwise to reduce the pilot flame or counter clockwise to increase the flame (Fig. 28-4). The adjustment screw can be turned so that the pilot flame is completely extinguished. Some tightening of the screw may occur during adjustment; this is normal. The pilot flame should be a soft blue color with slightly yellow tipping which encircles the thermocouple tip.

After adjustment turn the control knob to the 'ON' position to assure proper ignition of the log burner.

FLAME PATTERN ADJUSTMENT (ALL MODELS)

To adjust the flame pattern, take a long-blade screwdriver or similar tool and stir the granules until the desired pattern is achieved. **DO NOT REMOVE GRANULES FROM THE BURNER PAN.**

Long-bladed screwdriver
(or similar)



Insert blade into sand and stir granules in various places until desired flame pattern is achieved.

MAINTENANCE

Periodically remove the logs and examine the burner assembly. If dirty, clean with a stiff brush. Also examine the area around the pilot. Any dirt or lint in this area should be removed. This will ensure long life and trouble-free operation. An annual inspection and cleaning of the vent system (chimney and damper) by a qualified agency is recommended. For safe operation and proper performance, use only Peterson Real-Fyre® parts and accessories.

Periodically observe the flames. Flames should be approximately 22"-24" above the fireplace floor, a little blue at the base mostly orange and yellow flames (see Fig. 19-1). The flames should impinge on the logs and grating as little as possible to avoid sooting the logs or the grating.

AVAILABLE ACCESSORIES FOR THE GAS BURNER SYSTEM

The following accessories are available for burner systems as indicated, and can be purchased separately from your local Peterson Real-Fyre® dealer. Before purchasing, make sure the accessory you desire is compatible with your specific model (for example, VR-2A is used with the Series 15 systems). **To install and operate any accessory, simply follow the instructions supplied with your accessory kit.**

Note: Photos not to scale

FOR SERIES 15: REMOTE TRANSMITTERS AND RECEIVERS

FOR VARIABLE FLAME-HEIGHT CONTROL
(FOR USE WITH SERIES 15 VALVES) AND FOR NATURAL OR PROPANE GAS

VR-2A



Transmitter handset, receiver, handset holder, wall switch, and wiring

VR-1A



Transmitter handset, receiver, handset holder, and wiring

RVF-1



Transmitter handset, receiver, and wiring

FOR SERIES 15: WS-3 WALL SWITCH

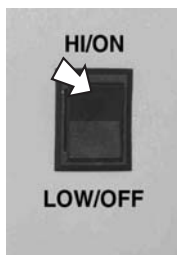
THE WS-3 SWITCH OPERATES FLAME-HEIGHT CONTROL KNOB ON SERIES 15 VALVES

Switch to valve wiring



Wall switch cover

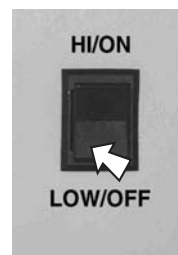
Battery holder



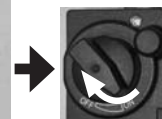
Press HI/ON to turn unit on or increase flame height.



Flame-height control knob will rotate counterclockwise.



Press LOW/OFF to decrease flame height or turn unit off.

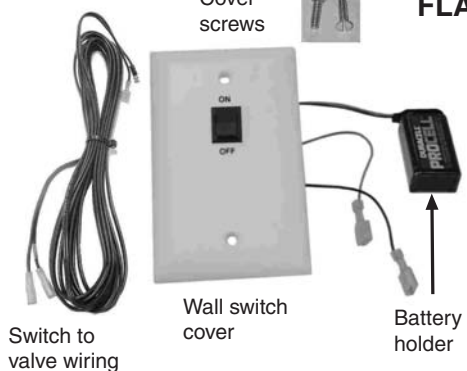


Flame-height control knob will rotate clockwise.

FOR SERIES 16: WS-4 WALL SWITCH

THE WS-4 SWITCH OPERATES THE FLAME-HEIGHT CONTROL KNOB

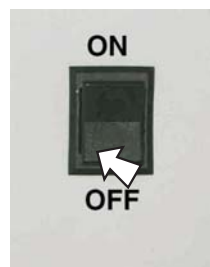
Cover screws



Switch to valve wiring

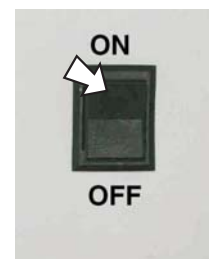
Wall switch cover

Battery holder



Press OFF to extinguish the main burner.

Press ON to ignite the main burner.



AVAILABLE ACCESSORIES FOR THE GAS BURNER SYSTEM (Cont.)

FOR SERIES 01, 10, 11, and 12: ON/OFF REMOTES AND RECEIVERS

BATTERY-OPERATED REMOTE LIGHTING SYSTEMS FOR USE WITH NATURAL OR PROPANE GAS

RR-2A



Transmitter handset,
receiver, handset holder,
wall switch, and wiring

RR-1A



Transmitter handset,
receiver, wall switch,
and wiring

RUS-1



Transmitter handset,
receiver

PC-105/PC-106 PINE CONE REMOTE

BATTERY-OPERATED REMOTE LIGHTING SYSTEM WITH DECORATIVE PINE CONE RECEIVER FOR USE WITH NATURAL OR PROPANE GAS

PC-105 Remote transmitter
(for use with Series 01,
10, 11, and 12)



**Pine cone
receiver**



PC-106 Remote transmitter
(for use with Series 16)



FOR SERIES 01, 10, 11, and 12: WS-1 AND WS-2 WALL SWITCHES

WS-1 SWITCH: CONTROLS BURNER SYSTEM LIGHTING AND SHUTDOWN WS-2 TIMER WALL SWITCH: CONTROLS OPERATING TIME (UP TO 60 MIN.)



Wall switch (WS-1)



Mechanical timer (WS-2)

WARRANTY

PETERSON VENTED GAS LOG SETS LIMITED WARRANTY

All Peterson gas logs are **WARRANTED** for as long as you own them (lifetime).

All Peterson burner assemblies are **WARRANTED for TEN (10) YEARS**.

SPK-26 controls are covered by a **THREE (3) YEAR "All Parts" Warranty**.

All other Peterson valves, pilots, and controls are covered by a **ONE (1) YEAR Limited Warranty (excluding batteries)**.

This warranty applies only to the original purchaser from the date of purchase, and to Peterson products purchased for residential purposes.

This warranty does not cover parts becoming defective by misuse, accidental damage, electrical damage, improper handling, and/or installation or service (log sets must be installed as outlined in the enclosed instructions by a qualified professional installer and with only Peterson parts, control valves, remotes, and accessories). It does not cover labor or labor-related charges. It specifically excludes liability for indirect, incidental, or consequential damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above exclusion or limitation may not apply to you. This warranty gives you specified legal rights, and you may have other rights that may vary from state to state.

For additional information regarding this warranty, or information on how to place a warranty claim, contact your Peterson dealer or the Robert H. Peterson Company.

FOR USE IN THE COMMONWEALTH OF MASSACHUSETTS

**INSTALLATION OF THIS APPLIANCE MUST BE PERFORMED BY A
MASSACHUSETTS LICENSED PLUMBER OR GAS FITTER ONLY.**

**CONNECTOR KITS USED FOR INSTALLATION AND OPERATION OF THIS
APPLIANCE MUST NOT BE MORE THAN 36" IN LENGTH.**

**FIREPLACE DAMPER MUST BE REMOVED OR PERMANENTLY
FIXED/WELDED IN FULL OPEN POSITION PRIOR TO
INSTALLING THIS PRODUCT.**

ROBERT H. PETERSON CO.

Quality Check

Date: _____

Orifice # (Main): _____

Orifice # (Other): _____

Leak Test: _____

Burn Test: _____

Gas Type: NAT. / PROPANE

Model #: _____

Serial #: _____

Air Shutter: _____

Inspector: _____