



P/N 126721-01 Rev. H 01/2019



P126721-01



Report No. F09 -099

Installation and Operation Instructions Direct-Vent Gas Fireplace

Models

DRT4036TEN

DRT4036TEP

DRT4042TEN

DRT4042TEP

Ce manuel est disponible en français, simplement en faire la demande. Numéro de la pièce 126721-02

INSTALLER: Leave this manual with the appliance.
CONSUMER: Retain this manual for future reference.

Installateur : Laissez cette notice avec l'appareil.
Consommateur : Conservez cette notice pour consultation ultérieure.

This appliance may be installed in an aftermarket permanently located, manufactured home (USA only) or mobile home, where not prohibited by local codes. This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases, unless a certified kit is used.

Cet appareil peut installé dans une maison préfabriquée (mobile) déjà installée à demeure, si les règlements locaux le permettent. Ce appareil doit être utilisé uniquement avec le type de gaz indiqué sur la plaque signalétique. Cet appareil ne peut être converti à d'autres gaz, sauf si une trousse de conversion est utilisée.

WARNING:

FIRE OR EXPLOSION HAZARD

Failure to follow safety warnings exactly could result in serious injury, death, or property damage.

- 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

- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Leave the building immediately.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

AVERTISSEMENT:

RISQUED'INDENDIE OU D'EXPLOSION

Le non-respect Des avertissements de sécurité pourrait d'entraîner des blessures graves, la mort ou des dommages matériels.

- Ne pas entreposer ni utiliser d'essence ni d'autres vapeurs ou liquides inflammables dans le voisinage de cet appareil ou de tout autre appareil.
- **QUE FAIRE SI VOUS SENTEZ UNE ODEUR DE GAZ:**
 - Ne pas tenter d'allumer d'appareil.
 - Ne touchez à aucun interrupteur. Ne pas vous servir des téléphones se trouvant dans le bâtiment où vous trouvez.
 - Sortez immédiatement de bâtiment.
 - Appelez immédiatement votre fournisseur de gaz depuis un voisin. Suivez les instructions du fournisseur.
 - Si vous ne pouvez rejoindre le fournisseur de gaz,appelez le service des incendies.
- L'installation et l'entretien doivent être assurés par un installateur ou un service d'entretien qualifié ou par le fournisseur de gaz.

SAFETY AND YOUR FIREPLACE

See attached color flyer for proper color representation



Voir ci-joint tract pour une bonne représentation de la couleur



Vea el volante adjunto para la representación de color adecuado



Safety and Your Fireplace

All parts of your IHP fireplace get EXTREMELY HOT!

- To prevent severe burns and injuries, do Not remove the barrier on the appliance which prevents direct contact with the glass.



- Follow the safety instructions below and be sure everyone in your household understands this burn hazard:

- **The surfaces on your fireplace get EXTREMELY HOT!**
- **The glass on the front of the fireplace reaches EXTREMELY HIGH temperatures and can cause severe burns if touched.**
- **Keep children away from an operating fireplace. Closely supervise children in any room where a fireplace is operating to prevent contact with glass.**
- **Keep clothing, furniture, gasoline, and other flammable liquids away from the fireplace.**
- **Even after the gas is turned off, fireplace surfaces remain extremely hot.**

- Be sure to attach the enclosed **Safety-in-Operation Warnings** where you turn on your fireplace, to help remind everyone of the dangers associated with high temperatures (**Page 25**).

- Read **Important Safety Information** (**Page 5**).

[ENGLISH]

La sécurité et votre foyer

Toutes les parties de votre foyer IHP deviennent EXTRÈMEMENT CHAUDES !

- Afin d'éviter les brûlures graves ou les blessures, ne pas retirer l'écran de protection de la foyer qui empêche tout contact direct avec la vitre.



- Suivez les instructions de sécurité ci-dessous et veillez à ce que tous les membres de votre famille soient conscients du danger de brûlure encouru :

- **Les surfaces de votre foyer deviennent EXTRÈMEMENT CHAUDES !**
- **La vitre située à l'avant du foyer atteint des températures EXTRÈMEMENT ÉLEVÉES et peut causer de graves blessures en cas de contact.**
- **Tenez les enfants à l'écart du foyer lorsqu'il fonctionne. Surveillez attentivement les enfants dans les pièces où un foyer est utilisé afin d'éviter qu'ils ne soient en contact avec la vitre.**
- **Tenez tous les vêtements, les meubles, l'essence et tout autre liquide inflammable à l'écart du foyer.**
- **Même après fermeture du gaz, les surfaces du foyer restent extrêmement chaudes.**

- Veillez à coller les **Étiquettes de mise en garde relatives à la sécurité d'utilisation** à l'endroit où vous utilisez le foyer, pour rappeler à tous les utilisateurs les dangers liés aux températures élevées (**Page 25**).

- Lisez **L'information de sûreté importante** (page 5).

[FRENCH]

Seguridad y su chimenea

¡Todas las partes de la chimenea IHP se ponen MUY CALIENTES!

- Para evitar quemaduras y lesiones graves, no quite el protector de malla o guardia de seguridad que evita el contacto directo con el vidrio.

- Siga las instrucciones de seguridad a continuación y asegúrese de que todos en su hogar sepan acerca de este peligro de quemadura:

- **¡Las superficies de la chimenea se ponen MUY CALIENTES!**
- **El vidrio delante de la chimenea alcanza temperaturas EXTREMADAMENTE ALTAS y puede causar quemaduras graves si se toca.**
- **Mantenga a los niños alejados de la chimenea en funcionamiento. Supervise en forma cercana a los niños en cualquier cuarto donde haya una chimenea funcionando para impedir el contacto con el vidrio.**
- **Mantenga la ropa, mobiliario, gasolina y otros líquidos inflamables alejados de la chimenea.**
- **Aún después de haber apagado el gas, las superficies de la chimenea permanecen extremadamente calientes.**
- Asegúrese de colocar las **Etiquetas de advertencia de seguridad de operación** en el lugar donde enciende la chimenea, para que todos recuerden los peligros asociados con las altas temperaturas (**Página 25**).
- Lea Información importante de seguridad** (página 5).

[SPANISH]

Thank you for your purchase. We appreciate your business!

Please carefully read and follow all instructions in this manual. Pay special attention to all warnings and safety information.

Following these safety, care, and operation instructions will help ensure many years of dependable and enjoyable service from your fireplace.

Please read and understand these instructions before installing or operating.



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.

TABLE OF CONTENTS

Safety and your fireplace	2	Homeowner's - Attaching Safety In Operation Warnings	25
Safety	4	Inspecting Burners.....	26
Local Codes	7	Cleaning and Maintenance	27
Product Identification.....	7	Troubleshooting	28
Product Features.....	8	Parts	30
Requirements for the Commonwealth of Massachusetts.....	8	Specifications.....	36
Pre-installation.....	8	Wiring Diagram	36
Location of Termination Cap	11	Technical Service	37
Venting Installation	12	Replacement Parts	37
Fireplace Installation	17	Service Hints.....	37
Installer - Attaching Safety In Operation Warnings	23	Accessories.....	37
Operation	24	Warranty	39

SAFETY

⚠ WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual for correct installation and operational procedures. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases, unless a certified kit is used.

⚠ WARNING: This product can expose you to chemicals including Carbon Black, which is known to the State of California to cause cancer, and Carbon Monoxide, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.

⚠ AVERTISSEMENT: Ce produit peut vous exposer à des produits chimiques, y compris du carbone noir qui est reconnu par l'État de Californie comme un produit cancérogène, et du monoxyde de carbone, qui est reconnu par l'État de Californie comme pouvant causer des déformations fœtales ou perturber la fonction reproductive. Pour plus d'information, aller sur www.P65Warnings.ca.gov

State of Massachusetts: The installation must be made by a licensed plumber or gas fitter in the Commonwealth of Massachusetts.

IMPORTANT: Read this owner's manual carefully and completely before trying to assemble, operate or service this fireplace. Improper use of this fireplace can cause serious injury or death from burns, fire, explosion, electrical shock and carbon monoxide poisoning.

⚠ DANGER: Carbon monoxide poisoning may lead to death!

⚠ WARNING: Do not slam or strike glass doors. Damage can result in a hazardous condition.

This vented gas fireplace is a sealed combustion gas fireplace designed for residential applications. This fireplace must be installed with INNOVATIVE HEARTH PRODUCTS (IHP) vent pipe components and terminations.

NOTICE: Decorative product not for use as a heating appliance.

This fireplace must be installed by a qualified (certified or licensed) service person. It brings in fresh air for combustion through the outer pipe and combustion gases are exhausted through the inner pipe. If the glass door assembly and venting pipe are not properly seated, connected and sealed, carbon monoxide leakage (spillage) can occur.

IMPORTANT SAFETY INFORMATION

Important Safety Information

1. **WARNING:** Do not operate appliance with the glass front removed, cracked, or broken.
2. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.
3. Due to high temperatures, the appliance should be located out of traffic and away from furniture and draperies.
4. Children and adults should be alerted to the hazards of high surface temperature and should stay away to avoid burns or clothing ignition.
5. Clothing or other flammable material should not be placed on or near the appliance.
6. Young children should be carefully supervised when they are in the same room as the appliance. Toddlers, young children, and others may be susceptible to accidental contact burns. A physical barrier is recommended if there are at-risk individuals in the house. To restrict access to a fireplace or stove, install an adjustable safety gate to keep toddlers, young children, and other at-risk individuals out of the room and away from hot surfaces.
7. Any safety screen, guard or barrier removed for servicing an appliance must be replaced prior to operating the appliance.
8. Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, et cetera. It is imperative that control compartments, burners, and circulating air passageways of the appliance be kept clean. See maintenance instructions on *Page 27*.

L'information de sûreté importante

1. **AVERTISSEMENT.** Ne pas utiliser l'appareil si le panneau frontal en verre n'est pas en place, est craqué ou brisé.
2. Ne pas se servir de cet appareil s'il a été plongé dans l'eau, même partiellement. Faire inspecter l'appareil par un technicien qualifié et remplacer toute partie du système de contrôle et toute commande qui ont été plongées dans l'eau.
3. En raison des températures élevées, l'appareil devrait être installé dans un endroit où il y a peu de circulation et loin du mobilier et des tentures.
4. Les enfants et les adultes devraient être informés des dangers que posent les températures de surface élevées et se tenir à distance afin d'éviter des brûlures ou que leurs vêtements ne s'enflamme.
5. On ne devrait pas placer de vêtements ni d'autres matières inflammables sur l'appareil ni à proximité.
6. Les jeunes enfants devraient être surveillés étroitement lorsqu'ils se trouvent dans la même pièce que l'appareil. Les tout petits, les jeunes enfants ou les adultes peuvent subir des brûlures s'ils viennent en contact avec la surface chaude. Il est recommandé d'installer une barrière physique si des personnes à risques habitent la maison. Pour empêcher l'accès à un foyer ou à un poêle, installez une barrière de sécurité ; cette mesure empêchera les tout petits, les jeunes enfants et toute autre personne à risque d'avoir accès à la pièce et aux surfaces chaudes.
7. Tout écran ou protecteur retiré pour permettre l'entretien de l'appareil doit être remis en place avant de mettre l'appareil en marche.
8. L'installation et la réparation devrait être confiées à un technicien qualifié. L'appareil devrait faire l'objet d'une inspection par un technicien professionnel avant d'être utilisé et au moins une fois l'an par la suite. Des nettoyages plus fréquents peuvent être nécessaires si les tapis, la literie, et cetera produisent une quantité importante de poussière. Il est essentiel que les compartiments abritant les commandes, les brûleurs et les conduits de circulation d'air de l'appareil soient tenus propres. Voyez les instructions d'entretien à la *Page 27*.

Información importante de seguridad

1. **ADVERTENCIA:** No opere el artefacto con el frente de vidrio quitado, agrietado o roto.
2. No use este artefacto si alguna de sus partes ha estado bajo agua. Llame de inmediato a un técnico de servicio calificado para que inspeccione el artefacto y reemplace cualquier parte del sistema de control y cualquier control de gas que haya estado bajo agua.
3. Debido a las altas temperaturas, el artefacto debe situarse fuera de las áreas de tráfico y lejos del mobiliario y cortinas.
4. Se debe alertar a los niños y adultos sobre los peligros de las altas temperaturas en la superficie y que se mantengan alejados para evitar quemaduras o ignición de la ropa.
5. No debe colocarse ropa u otros materiales inflamables sobre y cerca del artefacto.
6. Se debe supervisar de cerca a los niños cuando estén en el mismo cuarto que el artefacto. Los niños pequeños, los jóvenes y otras personas pueden ser susceptibles a quemaduras por contacto accidental. Se recomienda instalar una barrera física si hay personas en riesgo en la casa. Para restringir el acceso a una chimenea o estufa, instale una puerta de seguridad ajustable para mantener a los niños pequeños, jóvenes y otras personas en riesgo fuera del cuarto y lejos de las superficies calientes.
7. Cualquier malla o resguardo de seguridad quitado para dar servicio a un artefacto, debe reinstalarse antes de operar el artefacto.
8. Una persona de servicio competente debe realizar la instalación y reparación. Una persona de servicio profesional debe inspeccionar el artefacto antes de usar al menos una vez por año. Se puede requerir limpieza más frecuente debido a la pelusa excesiva del alfombrado, del material de cobijas, etc. Es imprescindible mantener limpios los compartimentos de control, los quemadores y los pasajes de circulación del aire del artefacto. Ver las instrucciones de mantenimiento en la *página 27*.

SAFETY *Continued*

Carbon Monoxide Poisoning: Early signs of carbon monoxide poisoning resemble the flu, with headaches, dizziness or nausea. If you have these signs, the fireplace may not be working properly. **Get fresh air at once!** Have fireplace serviced. Some people are more affected by carbon monoxide than others. These include pregnant women, people with heart or lung disease or anemia, those under the influence of alcohol and those at high altitudes.

Natural and Propane/LP Gas: Natural and propane/LP gas are odorless. An odor-making agent is added to the gas. The odor helps you detect a gas leak. However, the odor added to the gas can fade. Gas may be present even though no odor exists.

Make certain you read and understand all warnings. Keep this manual for reference. It is your guide to safe and proper operation of this fireplace.

⚠ WARNING: Any change to this fireplace or its controls can be dangerous. Do not modify this fireplace under any circumstances. Any parts removed for servicing must be replaced prior to operating fireplace.

⚠ WARNING: Do not use a blower insert, heat exchanger insert or other accessory not approved for use with this fireplace.

⚠ WARNING: This appliance is only for use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases unless a certified kit is used.

⚠ WARNING: Do not allow fans to blow directly into the fireplace. Avoid any drafts that alter burner flame patterns.

Due to high temperatures, the appliance should be located out of traffic and away from furniture and draperies.

Clothing or other flammable material should not be placed on or near the appliance.

Do not use this fireplace to cook food or burn paper or other flammable material.

Any safety screen, guard, or barrier removed for servicing an appliance must be replaced prior to operating the appliance.

DO NOT ATTEMPT TO ALTER OR MODIFY THE CONSTRUCTION OF THE APPLIANCE OR ITS COMPONENTS. ANY MODIFICATION OR ALTERATION MAY VOID THE WARRANTY, CERTIFICATION AND LISTINGS OF THIS UNIT.

Installation and repair should be done by a qualified service person. The appliance should be inspected before use and at least annually by a professional service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etcetera. It is imperative that control compartments, burners, and circulating air passageways of the appliance be kept clean.

Children and adults should be alerted to the hazards of high surface temperature and should stay away to avoid burns or clothing ignition.

A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and shall be installed for the protection of children and other at-risk individuals.

If the barrier becomes damaged, the barrier shall be replaced with the manufacturer's barrier for this appliance.

Keep the area around your fireplace clear of combustible materials, gasoline and other flammable vapor or liquids. Do not run fireplace where these are used or stored.

1. For propane/LP fireplace, do not place propane/LP supply tank(s) inside any structure. Locate propane/LP supply tank(s) outdoors. To prevent performance problems, do not use propane/LP fuel tank of less than 100 lb. capacity.
2. If you smell gas
 - shut off gas supply
 - do not try to light any appliance
 - do not touch any electrical switch; do not use any phone in your building
 - leave the building immediately
 - immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions
 - if you cannot reach your gas supplier, call the fire department.
3. Never install the fireplace
 - in a recreational vehicle
 - in windy or drafty areas where curtains or other combustible (flammable) objects can make contact with the fireplace front
 - in high traffic areas
4. Turn fireplace off and let cool before servicing, installing or repairing. Only a qualified service person should install, service or repair this fireplace. Have fireplace inspected annually by a qualified service person.
5. You must keep control compartments, burners and circulating air passages clean. More frequent cleaning may be needed due to excessive lint and dust from carpeting, bedding material, etc. Turn off the gas valve and pilot light before cleaning fireplace.

SAFETY *Continued*

6. Have venting system inspected annually by a qualified service person. If needed, have venting system cleaned or repaired. See Cleaning and Maintenance, Page 27.
7. Do not use any solid fuels (wood, coal, paper, cardboard, etc.) in this fireplace. Use only the gas type indicated on fireplace nameplate.
8. This appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70 or Canadian Electrical Code, CSA C22.1.
9. Do not use fireplace if any part has been exposed to or under water. Immediately call a qualified service person to arrange for replacement of the unit.
10. Do not operate fireplace if any log is broken.
11. Do not operate fireplace with glass door removed, cracked or broken.
12. Provide adequate clearances around air openings.

LOCAL CODES

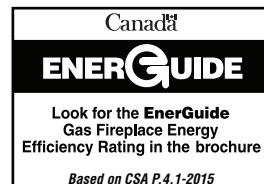
Install and use fireplace with care. Follow all local codes. In the absence to local codes, use the current National Fuel Gas Code ANSI Z223.1/NFPA 54* (USA) or the current CAN/CGA B149.1 Installation Code (Canada). *Available from:

American National Standards Institute, Inc.
25 West 43rd Street, 4th floor
New York, NY 10036

National Fire Protection Association, Inc.
1 Batterymarch Park
Quincy, MA 02169-7471

Listing: This fireplace complies with the National Safety Standards and is listed and tested by the PFS Corporation to ANSI Z21.50/CSA 2.22 standard as a vented gas fireplace.

These appliances comply with CSA P.4.1-2015 "Testing Method for Measuring Annual Fireplace Efficiency. P4 (EnerGuide) is a measurement of the Canadian Office of Energy Efficiency.



PRODUCT IDENTIFICATION

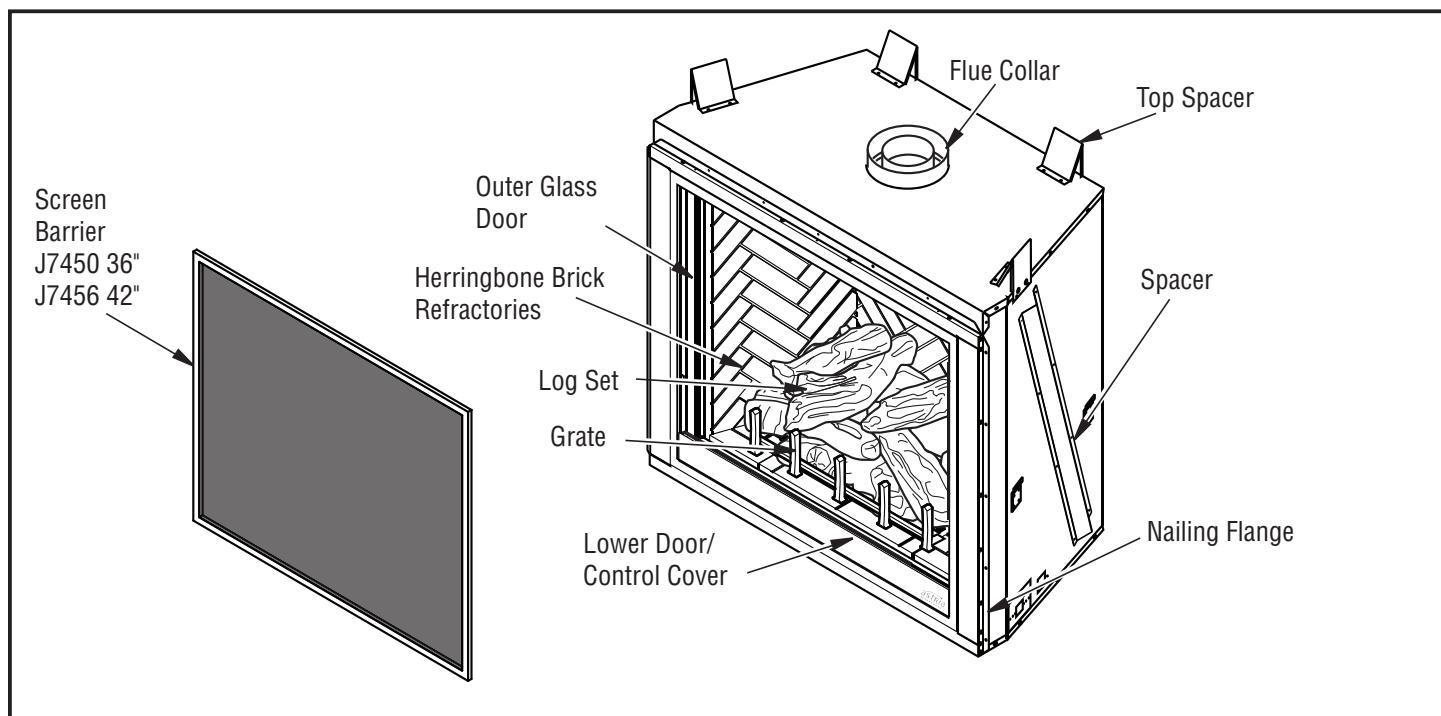


Figure 1 - Direct Vent Fireplace

PRODUCT FEATURES

These are a few facts that can help you understand and enjoy your direct vent fireplace:

- The venting system may be routed to the outside of your home in several ways. It may vent through the roof (vertical) or it may vent to an outside/exterior wall (horizontal). The vent pipe installation is very important to allow for proper operation. You must follow the venting instructions very carefully for either vertical or horizontal applications.

- This fireplace may be installed in any room of your house provided all local codes and these installation instructions are followed.
- Each time you turn on your fireplace, you may notice some amount of condensation on the inside of the fireplace glass. This is normal and will disappear after 10-20 minutes of operation.
- Your direct vent gas fireplace system (fireplace and venting) is a balanced and sealed gas operating unit. It requires approximately 10-20 minutes of operating time before the flame pattern stabilizes.

REQUIREMENTS FOR THE COMMONWEALTH OF MASSACHUSETTS

COMMONWEALTH OF MASSACHUSETTS REQUIREMENTS

These appliances are approved for installation in the US state of Massachusetts if the following additional requirements are met:

- Install this appliance in accordance with Massachusetts Rules and Regulations 248 C.M.R. Sections 4.00 through 8.00.
- Installation and repair must be done by a plumber or gas fitter licensed in the Commonwealth of Massachusetts.
- The flexible gas line connector used shall not exceed 36 inches (92 centimeters) in length.
- The individual manual shut-off must be a T-handle type valve.

Massachusetts Horizontal Vent Requirements

In the Commonwealth of Massachusetts, horizontal terminations installed less than seven (7) feet above the finished grade must comply with the following additional requirements:

- A hard wired carbon monoxide detector with an alarm and battery back-up must be installed on the floor level where the gas fireplace is installed. The carbon monoxide detector must comply with NFPA 720, be ANSI/UL 2034 listed and be ISA certified.
- A metal or plastic identification plate must be permanently mounted to the exterior of the building at a minimum height of eight (8) feet above grade and be directly in line with the horizontal termination. The sign must read, in print size no less than one-half (1/2) inch in size, **GAS VENT DIRECTLY BELOW. KEEP CLEAR OF ALL OBSTRUCTIONS.**

PRE-INSTALLATION

LOCATION AND SPACE REQUIREMENTS

Determine the safest and most efficient location for your direct vent fireplace. Make sure that rafters and wall studs are not in the way of the venting system. Choose a location where the heat output is not affected by drafts, air conditioning ducts, windows or doors. **Figure 2** shows some common locations. Be aware of all restrictions and precautions before deciding the exact location for your fireplace and termination cap.

When deciding the location of your fireplace, follow these rules:

- Do not connect this fireplace venting to a chimney flue serving a separate solid-fuel burning fireplace or appliance.
- Due to high temperatures, do not locate this fireplace in high traffic areas, windy or drafty areas or near furniture or draperies.
- Proper clearances must be maintained.
- If your fireplace is to be installed directly on carpeting, vinyl tile or any combustible material other than wood, it must be installed on a metal or wood panel extending the full width and depth of the fireplace (see **Figure 3, Page 9**).
- Your fireplace is designed to be used in zero clearance installations. Wall or framing material can be placed directly against any exterior surface on back, sides or top of your fireplace, except where standoff spacers are integrally attached. If standoff spacers are attached to your fireplace, these spacers can be placed directly against wall or framing material. See framing details, **Page 10**.
- When locating termination cap, it is important to observe the minimum clearances shown in **Figure 8, Page 11**.
- If recessing into a wall, you can avoid extra framing by positioning your fireplace against an already existing framing member.

- Do not recess termination cap into a wall or siding.
- You may paint the termination cap with 450° F (232° C) heat-resistant paint to coordinate with the exterior finish.
- There must not be any obstruction such as bushes, garden sheds, fences, decks or utility buildings within 24" from the front of the termination cap and the front of outside air vent.
- Do not locate termination cap and outside air vent where excessive snow or ice build up may occur. Be sure to clear vent termination area after snow falls to prevent accidental blockage of venting system. When using snow blowers, do not direct snow towards vent termination area.

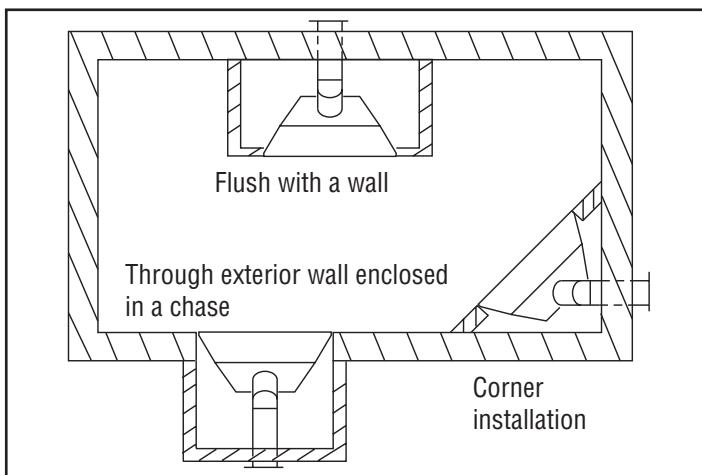


Figure 2 - Common Fireplace Locations

PRE-INSTALLATION *Continued*

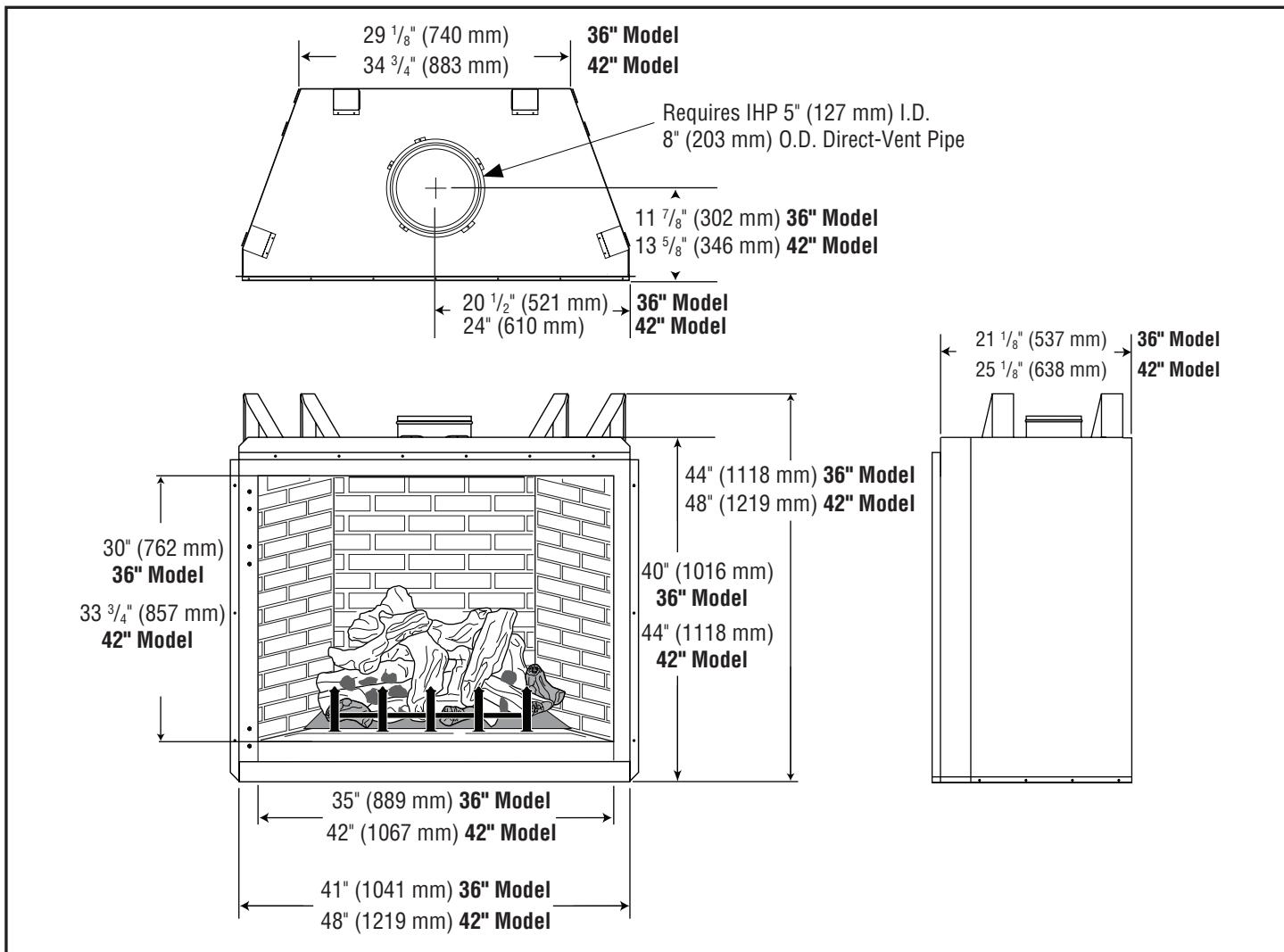


Figure 3 - Fireplace Dimensions

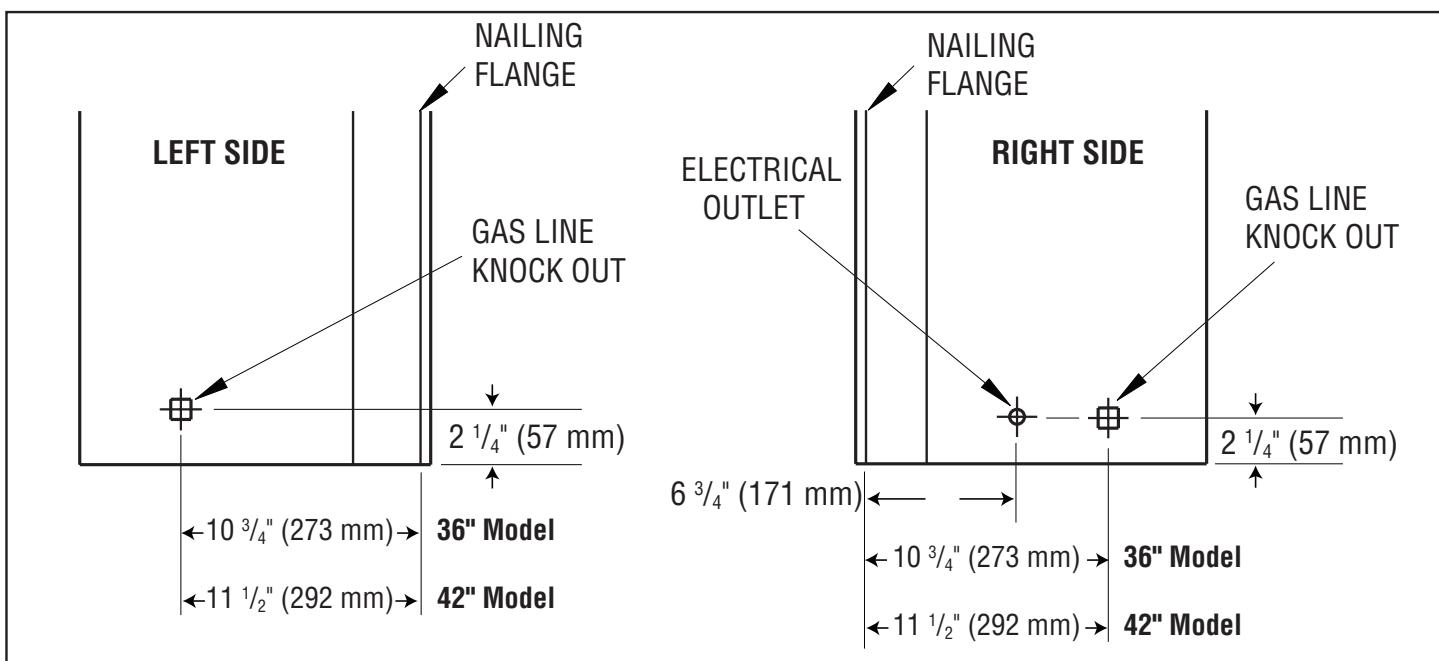


Figure 4 - Electrical Outlet and Gas Knockout Locations

PRE-INSTALLATION *Continued*

CLEARANCES

Minimum clearances to combustibles for the fireplace are as follows:

*Back and sides	1" (26 mm)
Perpendicular walls	6" (153 mm)
Floor	0" (0 mm)
Ceiling to louver opening	42" (1067 mm)
Front	36" (915 mm)
Top of Standoffs	0" (0 mm)
Vent	(See venting instructions for specific venting clearances.)

Combustible material with a maximum thickness of 5/8" may be flush with the top front of fireplace.

* For back and sides of fireplace, do not pack with insulation or other materials. 1" clearance not required at nailing flanges.

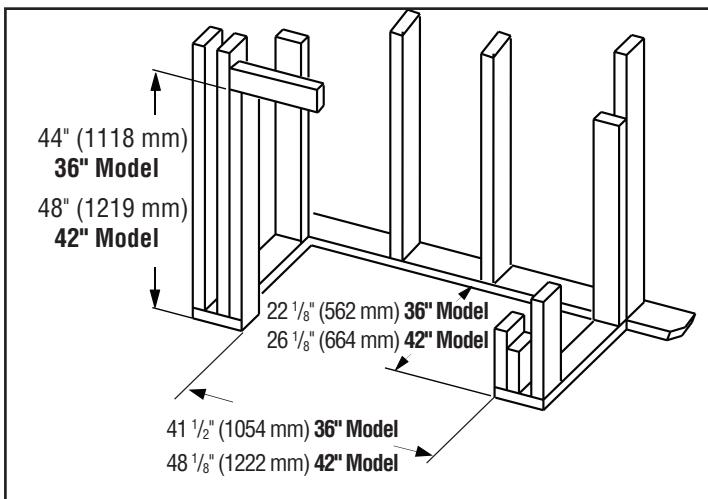


Figure 5a - Framing Dimensions

NOTICE: This fireplace is intended for use as supplemental heat. Use this fireplace along with your primary heating system. Do not install this fireplace as your primary heat source. If you have a central heating system, you may run system's circulating blower while using fireplace. This will help circulate the heat throughout the house.

FRAMING AND FINISHING

Figures 5 and 5a show typical framing of this fireplace. **Figure 6** shows framing for corner installation. All minimum clearances must be met.

If you are using a separate combustible mantel piece, refer to **Figure 7** for proper installation height. You can install noncombustible mantels at any height above the fireplace.

NOTE: Noncombustible mantels may discolor!

Ensure adequate accessibility clearances for servicing and proper operation.

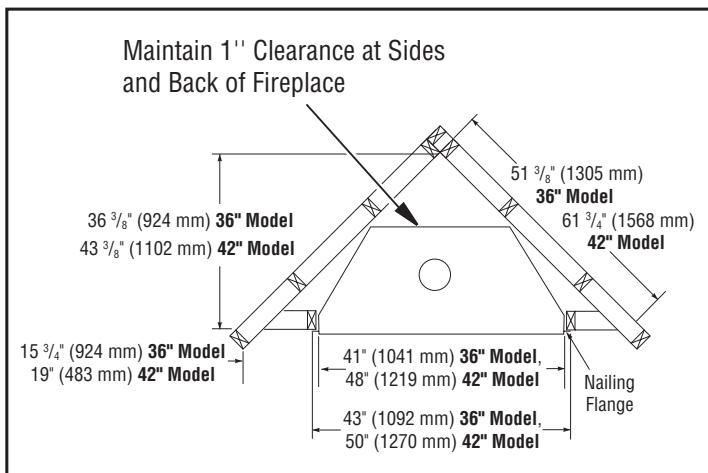


Figure 6 - Framing Clearances for Corner Installation

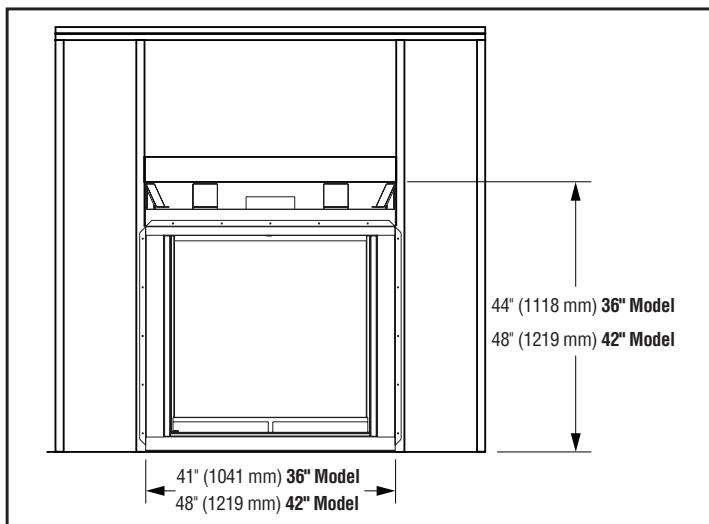


Figure 5 - Framing Clearances with Outside Air Flex Duct

NOTE: To avoid heat-related finish damage, we recommend the use of high temperature paint (rated 175° F or higher) on the underside of the mantel.

Minimum clearance requirements include any projections such as shelves, window sills, mantels, etc. above the appliance.

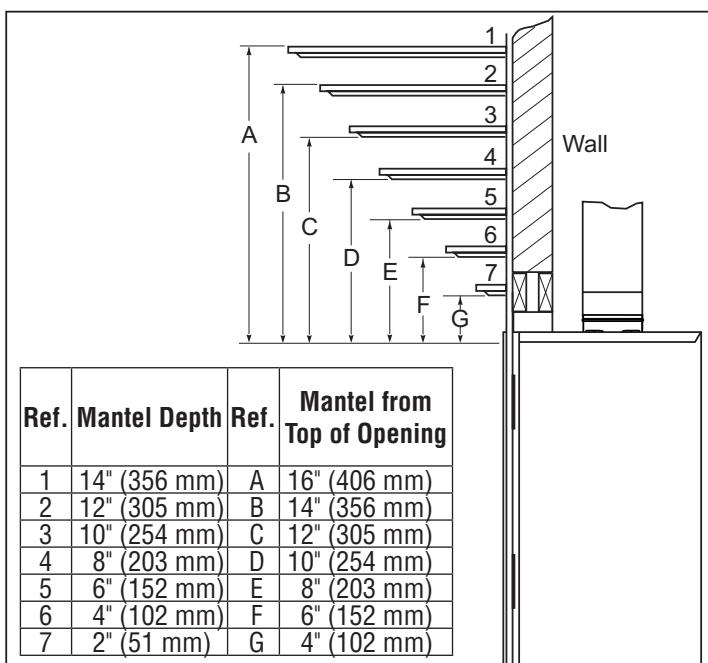
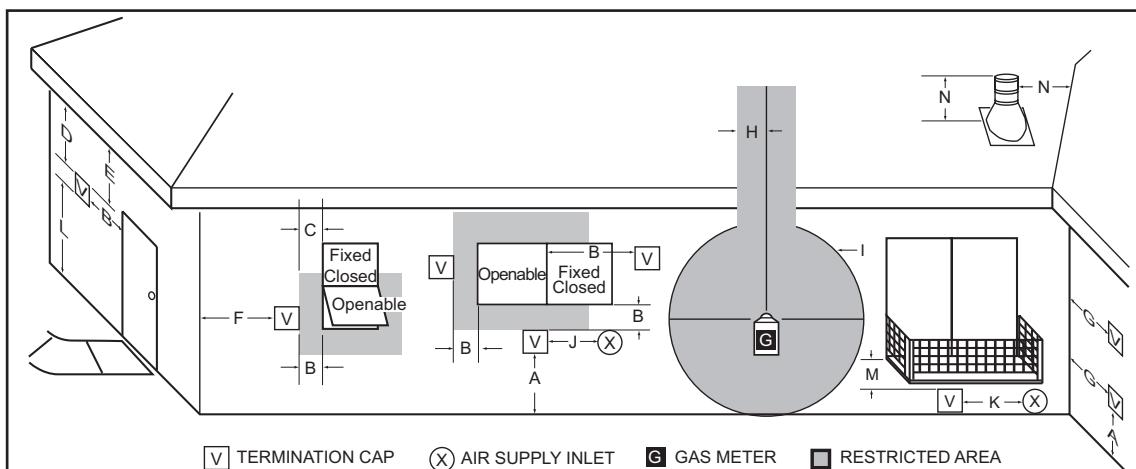


Figure 7 - Clearances for Combustible Mantels

LOCATION OF TERMINATION CAP



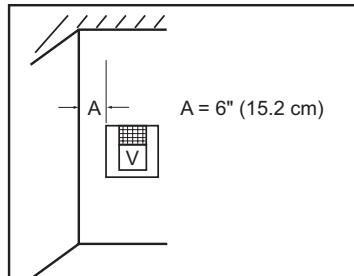
V TERMINATION CAP X AIR SUPPLY INLET G GAS METER ■ RESTRICTED AREA
 (TERMINATION PROHIBITED)

- A** = clearance above grade, veranda, porch, deck, or balcony [12" (30.5 cm) minimum]
B = clearance to window or door that may be opened [6" (15 cm) min. for 10,000 Btu or less; 9" (23 cm) in US if between 10,000 and 50,000, 12" (30 cm) in Canada if between 10,000 and 100,000; 12" (30 cm) in US if greater than 50,000, 36" (91 cm) in Canada if greater than 100,000]
C = clearance to permanently closed window [minimum 12" (30.5 cm) recommended to prevent condensation on window]
D = vertical clearance to ventilated soffit located above the terminal within a horizontal distance of 24" (61 cm) from the center-line of the terminal [18" (45.7 cm) minimum]
E = clearance to unventilated soffit [12" (30.5 cm) minimum]
F = clearance to outside corner (see below)
G = clearance to inside corner (see below)
H = *not to be installed above a meter/regulator assembly within 36" (91.4 cm) horizontally from the center line of the regulator
I = clearance to service regulator vent outlet [*72" (182.9 cm) minimum]
J = clearance to non-mechanical air supply inlet to building or the combustion air inlet to any other fireplace [6" (15 cm) min. for 10,000 Btu or less; 9" (23 cm) in US if between 10,000 and 50,000, 12" (30 cm) in Canada if between 10,000 and 100,000; 12" (30 cm) in US if greater than 50,000, 36" (91 cm) in Canada if greater than 100,000]
K = clearance to a mechanical air supply inlet [*In Canada, 6 ft. (1.83m) minimum; In US 3 ft. (91 cm) above if within 10 ft. (3 m) horizontally]
L = † clearance above paved side-walk or a paved driveway located on public property [*84" (213.3 cm) minimum]
M = clearance under veranda, porch, deck [12" (30.5 cm) minimum †]
N = clearance above a roof shall extend a minimum of 24" (61 cm) above the highest point when it passes through the roof surface and any other obstruction within a horizontal distance of 18" (45.7 cm)
† vent shall not terminate directly above a side-walk or paved driveway which is located between two single family dwellings and serves both dwellings*
‡ only permitted if veranda, porch, deck or balcony is fully open on a minimum of 2 sides beneath the floor*
* as specified in CAN/CGA-B149.1 Installation Codes (1991) for Canada and U.S.A.

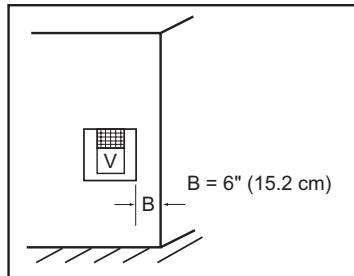
Note: Local codes or regulations may require different clearances

Termination Clearances for Buildings with Combustible and Noncombustible Exteriors

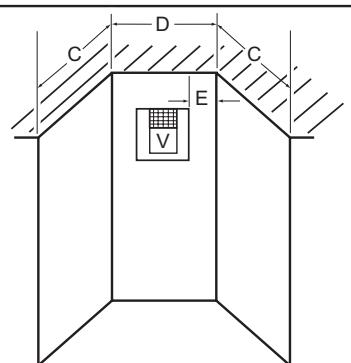
Inside Corner



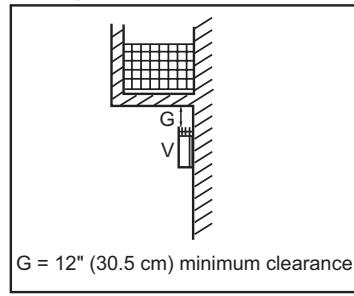
Outside Corner



Recessed Location



Balcony with No Side Wall



Balcony with Perpendicular Side Wall

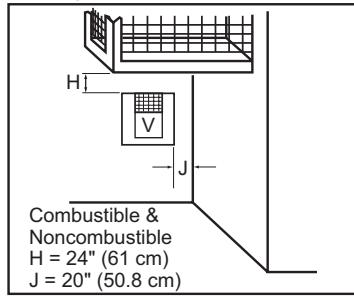


Figure 8 - Minimum Clearances for Termination Cap

VENTING INSTALLATION

NOTICE: Read these instructions completely before attempting installation.

These models are tested and approved for use with an IHP (direct vent) pipe components and terminations.

The venting system must terminate on the outside of the structure and can not be attached to a chimney or flue system serving a separate solid fuel or gas burning appliance. A direct vent appliance must have its own venting system. DO NOT common vent this appliance.

These models are approved to be vented either horizontally through an outside wall or vertically through a roof or chase enclosure using the following guidelines:

- When venting system terminates horizontally on an outside wall, you may install a standoff if the termination cap is to be installed directly on a combustible finish such as vinyl, wood, stucco, etc.
- Never run the vent downward as this may cause excessive temperatures which could cause a fire.
- Vent pipe air space clearances to combustibles are 1" on all sides except on the horizontal sections, which require 2" clearance from the top of the pipe. Where the termination cap penetrates a combustible wall, 1" air space clearance is required.
- Have fireplace and selected vent components on hand to help determine the exact measurements when elbowing or offsetting. Always use wall firestops when penetrating walls and firestops when penetrating ceilings or attic spaces.
- For installation of fireplace at elevations of 4000 feet or greater, pay special attention to venting requirement recommendations.

⚠ WARNING: Read all instructions completely and thoroughly before attempting installation. Failure to do so could result in serious injury, property damage or loss of life.

NOTICE: Failure to follow these instructions will void the warranty.

NOTICE: Do not seal termination cap to vent pipe. Cap must be removable for vent inspection and maintenance.

INSTALLATION PRECAUTIONS

- Wear gloves and safety glasses for protection
 - Use extreme caution when using ladders or when on roof tops
 - Be aware of electrical wiring locations in walls and ceilings
- The following actions will void the warranty on your venting system:
- Installation of any damaged venting component
 - Unauthorized modification of the venting system (Do not cut or alter vent components)
 - Installation of any component part not manufactured or approved by IHP
 - Installation other than as instructed by these instructions

⚠ WARNING: This gas fireplace and vent assembly must be vented directly to the outside. The venting system must NEVER be attached to a chimney serving a separate solid fuel burning appliance. Each direct vent gas appliance must use a separate vent system. Do not use common vent systems.

⚠ WARNING: Vent pipe air space clearances to combustibles are 1" on all sides except on the horizontal sections, which require 2" clearances from the top of the pipe. Where the termination cap penetrates a combustible wall, 1" air space clearance is required.

INSTALLATION PLANNING

There are two basic types of direct vent installation:

- Horizontal Termination
- Vertical Termination

Horizontal Termination Installation

IMPORTANT: Horizontal square terminations require only inner portion of wall firestop. Horizontal installations using round termination require exterior portion of wall firestop.

1. Set fireplace in its desired location and determine the route your horizontal venting will take. Do not secure fireplace until all venting has been installed. Some installations require sliding fireplace in and out of position to make final venting connections. **Figures 15 and 16 on Pages 12 and 13**, show different configurations for venting with horizontal termination that will help you decide which application best suits your installation. Check to see if wall studs or roof rafters are in the path of your desired venting route. If they are, you may want to adjust location of fireplace.
2. Direct vent pipe sections and components are designed with special twist-lock connections.

Twist-Lock Procedure: Female ends of pipes have locking lugs (indentations). These lugs will slide straight into matching slots on male ends of adjacent pipes. Push pipe sections together and twist one section clockwise approximately one-quarter turn until sections are fully locked (*see Figure 9, Page 13*).

NOTE: Horizontal runs of vent must be supported every three feet. Use wall straps for this purpose.

3. Assemble desired combination of pipe and elbows to fireplace flue collar. If there are long portions of venting run, pre-assembled pipe sections may be installed as subassemblies for convenience.
4. Carefully determine location where vent pipe assembly will penetrate outside wall. Center of hole should line up with center line of horizontal vent pipe. Mark wall for an 11-1/2" x 11-1/2" square hole. Cut and frame square hole in exterior wall where vent will be terminated. If wall being penetrated is constructed of noncombustible material, such as masonry block or concrete, an 8-1/2" hole with zero clearance is acceptable (*see Figure 10, Page 13*).

⚠ WARNING: Do not recess vent termination into any wall. This will cause a fire hazard.

VENTING INSTALLATION *Continued*

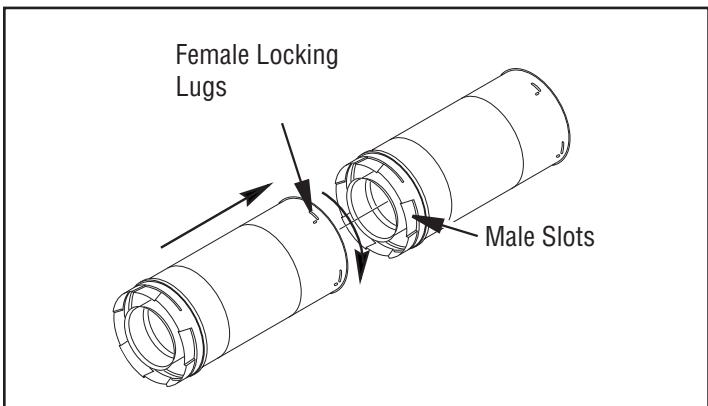


Figure 9 - Vent Pipe Connections

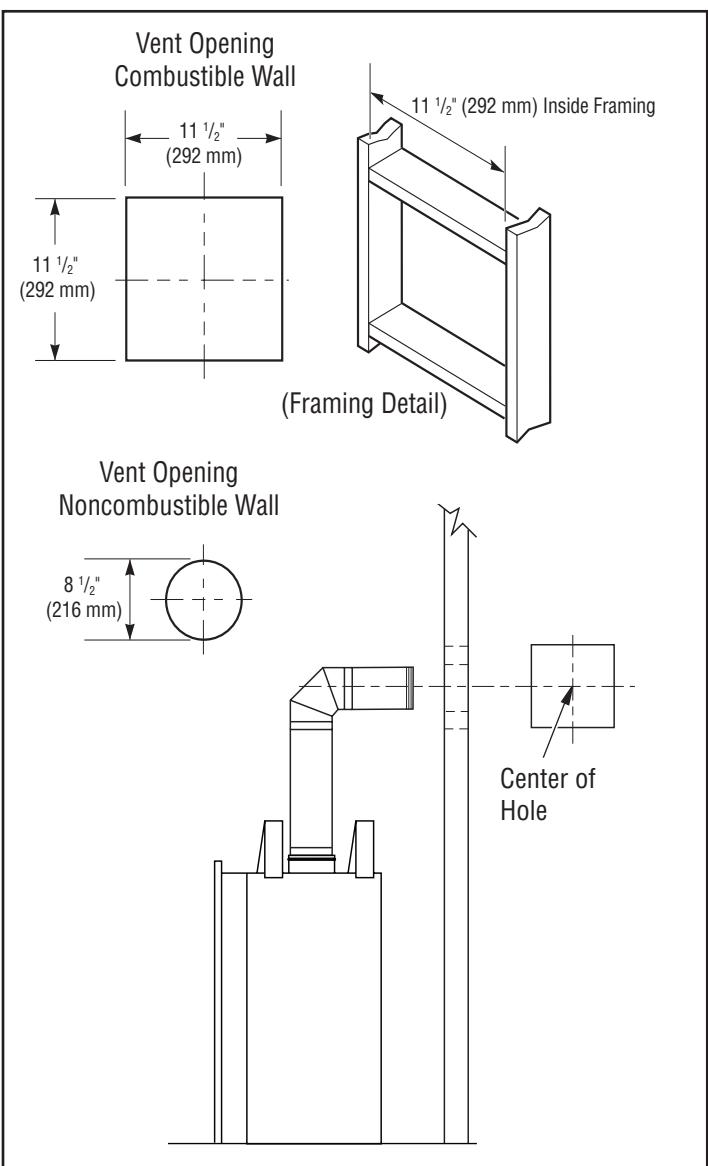


Figure 10 - Vent Opening Requirements

5. Noncombustible Exterior Wall: Position horizontal vent cap in center of the 8-1/2" round hole and attach to exterior wall with four wood screws provided. Before attaching vent cap to exterior wall, run a bead of non-hardening mastic (pliable sealant) around outside edges to make a seal between it and outside wall.

NOTE: Four wood screws provided should be replaced with appropriate fasteners for stucco, brick, concrete or other types of sidings (see **Figure 11**).

Combustible Exterior Wall: For stucco or wood exteriors, a siding standoff may be installed between vent cap and exterior wall. Siding standoff is required if exterior wall is made of vinyl siding material. Siding standoff prevents excessive heat from damaging siding materials. Siding material must be cut to accommodate standoff. Bolt vent cap to standoff. Apply non-hardening mastic around outside edge of standoff. Position standoff/cap assembly in the center of 11-1/2" square hole and attach to exterior wall with provided wood screws (see **Figure 12, Page 14**). Siding standoff must sit flush against exterior fascia material.

6. Connecting Vent Cap with Horizontal Vent Pipe: Slide wall firestop over vent pipe before connecting horizontal run to vent cap (see **Figure 13, Page 14**).

Carefully move fireplace, with vent assembly attached, toward wall and insert vent pipe into horizontal termination. Pipe overlap should be a minimum of 1-1/4" (see **Figure 14, Page 14**).

Slide wall firestop against interior wall surface and attach with screws provided. See **Figure 14, Page 14**, for horizontal termination details.

Place fireplace into position and shim with noncombustible material if needed. Nail or screw side flanges to framing to secure unit in place.

IMPORTANT: Make sure fireplace is level before securing. If fireplace is not level it will not work properly.

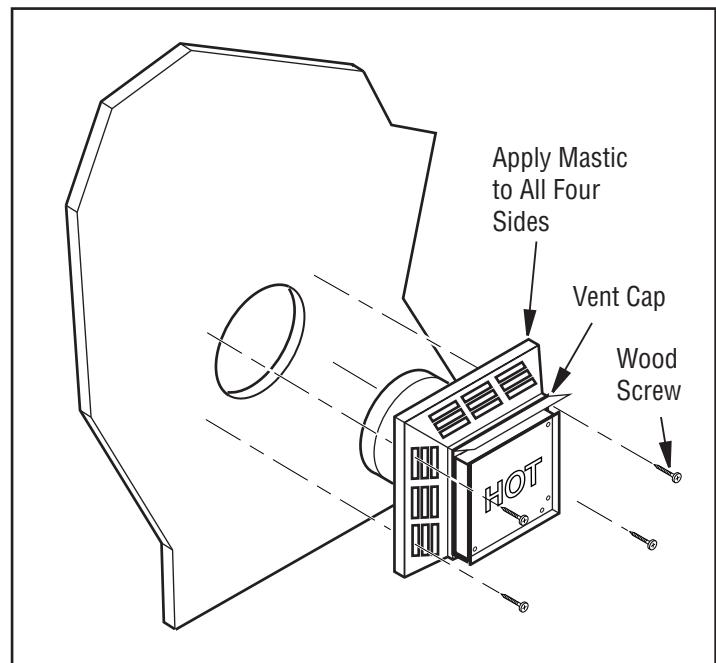


Figure 11 - Installing Horizontal Vent Cap (Noncombustible Exterior)

VENTING INSTALLATION *Continued*

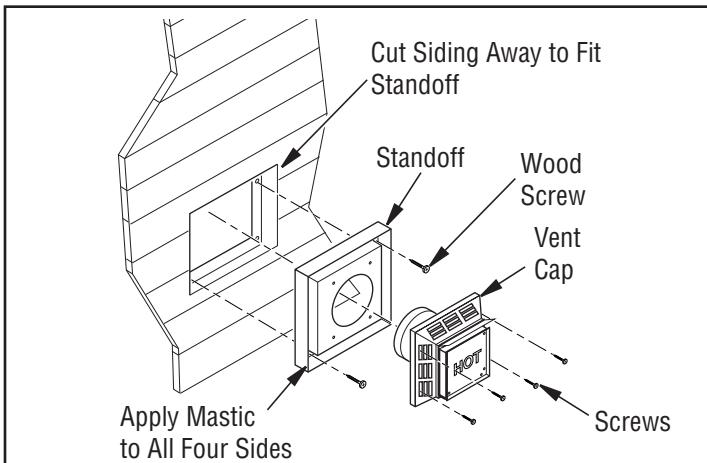


Figure 12 - Installing Siding Standoff (Combustible Exterior Wall)

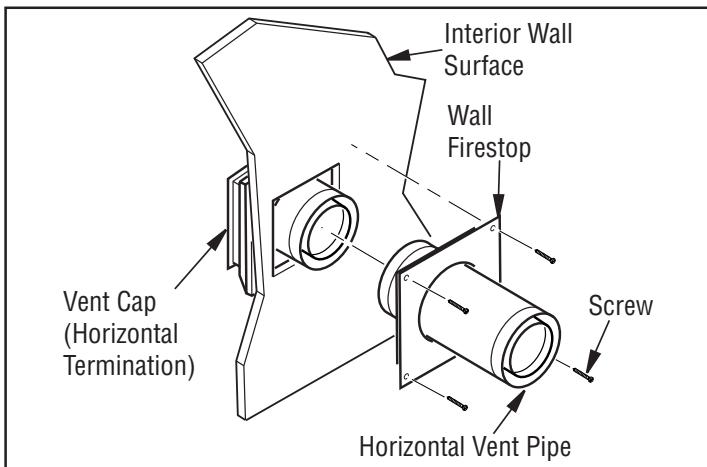


Figure 13 - Connecting Vent Cap with Horizontal Vent Pipe

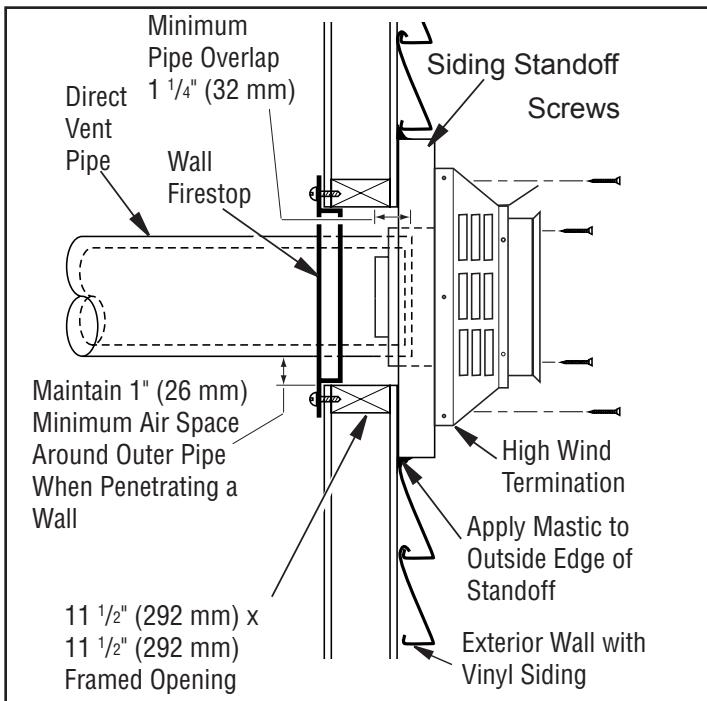


Figure 14 - Typical Horizontal Termination Cap Mounting with Additional Siding Standoff Installed

Horizontal Termination Configurations

Figure 15 shows a configuration for venting with horizontal termination with a chart of critical minimum and maximum dimensions which MUST be met.

Figure 16, Page 15, shows a configuration for venting with horizontal termination using two 90° elbows with a chart of critical minimum and maximum dimensions which MUST be met.

If using a venting configuration of only horizontal venting with no vertical run, a 1/4" rise for every 12" of run toward the termination is required.

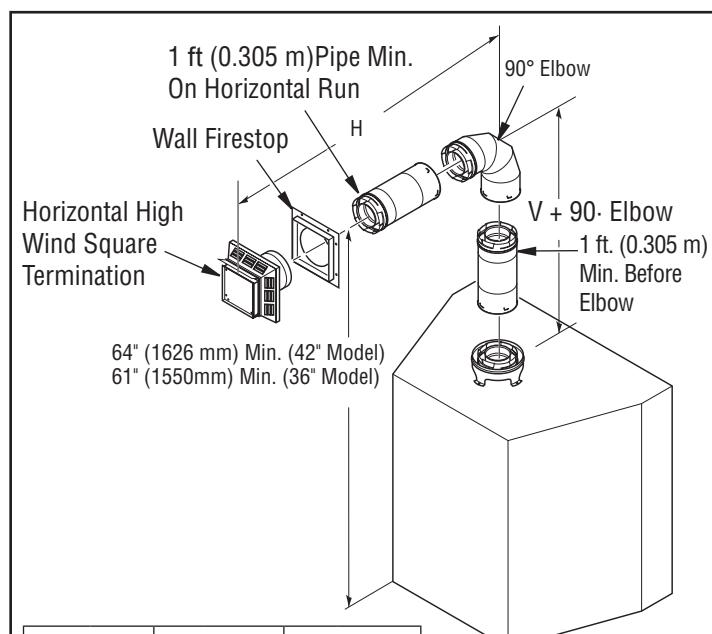
NOTICE: Do not seal termination cap to vent pipe. Cap must be removable for vent inspection and maintenance.

WARNING: Never run vent downward as this may cause excessive temperatures which could cause a fire. Operation of improperly installed and maintained venting system could result in serious injury, property damage or loss of life.

GROUND FLOOR INSTALLATION

Recommended Applications:

- Through the wall using round or square termination
- **NOT FOR CORNER INSTALLATION Vertical Termination**



(V) Vertical Minimum	Required Vertical Pipe	(H) Horizontal Maximum
Inches (mm)	feet (meters)	feet (meters)
21" (533)	1 ft. (0.305)	3 ft. (0.914)
33" (838)	2 ft. (0.609)	7 ft. (2.134)
45" (1143)	3 ft. (0.914)	11 ft. (3.353)
57" (1448)	4 ft. (1.219)	20 ft. (6.096)
<i>V + H = 40 feet (12.192 m) maximum</i>		
<i>H = 20 feet (6.096 m) maximum</i>		

Figure 15 - Horizontal Termination Using One 90° Elbow

VENTING INSTALLATION *Continued*

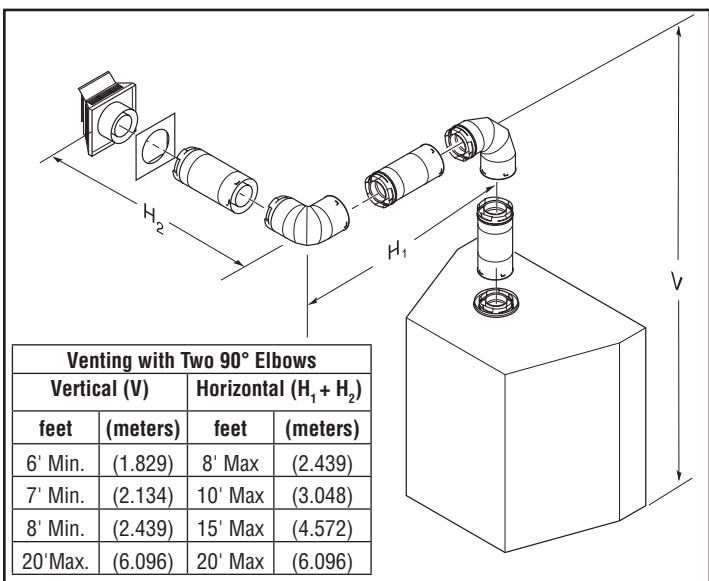


Figure 16 - Horizontal Termination Using Two 90° Elbows

Installation

NOTE: Vertical restrictor must be installed in all vertical installations.

- Determine route your vertical venting will take. If ceiling joists, roof rafters or other framing will obstruct venting system, consider an offset (see **Figure 17**) to avoid cutting load bearing members. **NOTE:** Pay special attention to these installation instructions for required clearances (air space) to combustibles when passing through ceilings, walls, roofs, enclosures, attic rafters, etc. Do not pack air spaces with insulation. Also note maximum vertical rise of venting system and any maximum horizontal offset limitations.

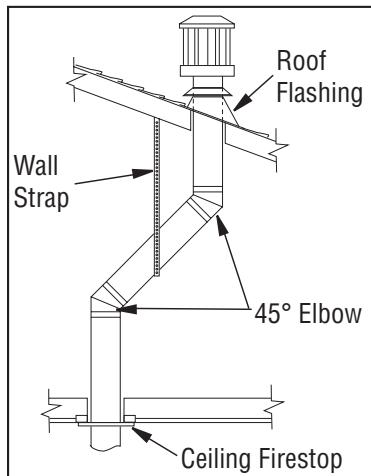


Figure 17 - Offset with Wall Strap and 45° Elbows

Flat Ceiling Installation

- Cut an 11-1/2" square hole in ceiling using locating hole as a center point. Opening should be framed to 11-1/2" x 11-1/2" inside dimensions, as shown in **Figure 10 on Page 13** using framing lumber the same size as ceiling joists. If area above ceiling is an insulated ceiling or an attic, nail firestop from top side. This prevents loose insulation from falling into required clearance space. If area above ceiling is a living space, install firestop below framed hole. Firestop should be installed with no less than three nails per side (see **Figure 15, Page 12**).

- Assemble desired lengths of pipe and elbows necessary to reach from fireplace flue up through firestop. Be sure all pipe and elbow connections are fully twist-locked (see **Figure 9, Page 13**).
- Cut a hole in the roof using locating hole as a center point. (Cover any exposed open vent pipes before cutting hole in roof.) The 11-1/2" x 11-1/2" hole must be measured on the horizontal; actual length may be larger depending on pitch of roof. There must be a 1" clearance from vent pipe to combustible materials. Frame opening as shown in **Figure 10, Page 13**.
- Connect a section of pipe and extend up through hole.
NOTE: If an offset is needed to avoid obstructions, you must support vent pipe every 3 feet. Use wall straps for this purpose (see **Figure 17**). Whenever possible, use 45° elbows instead of 90° elbows. The 45° elbow offers less restriction to the flow of flue gases.
- Place flashing over pipe section(s) extending through roof. Secure base of flashing to roof and framing with roofing nails. Be sure roofing material overlaps top edge of flashing as shown in **Figure 17**. There must be a 1" clearance from vent pipe to combustible materials.
- Continue to add pipe sections until height of vent cap meets the minimum building code requirements described in **Figure 8 on Page 11**.
NOTE: You must increase vent height for steep roof pitches. Nearby trees, adjoining rooflines, steep pitched roofs and other similar factors may cause poor draft or down-drafting in high winds. Increasing vent height may solve this problem.
- Twist-lock vent cap onto last section of vent pipe.

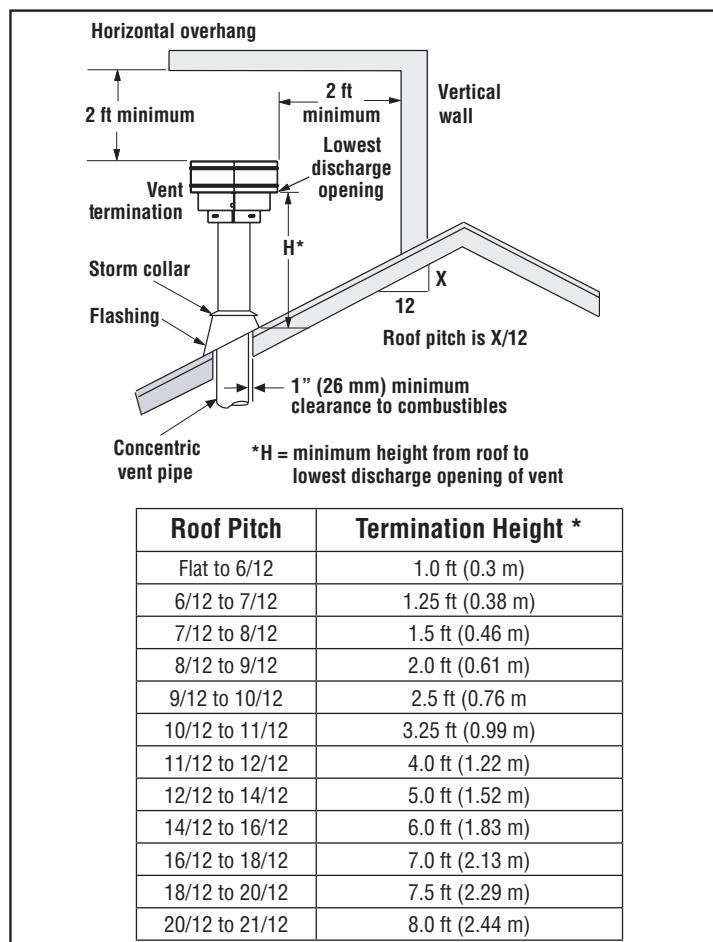


Figure 17a- Termination Heights for Vents above Flat or Sloped Roofs (NFPA 54 / ANSI Z223.1)—Gas Vent Rule

VENTING INSTALLATION *Continued*

NOTE: If vent pipe passes through any occupied areas above first floor, including storage spaces and closets, you must enclose pipe. You may frame and sheetrock enclosure with standard construction material. Make sure and meet the minimum allowable clearances to combustibles. Do not fill any required air spaces with insulation.

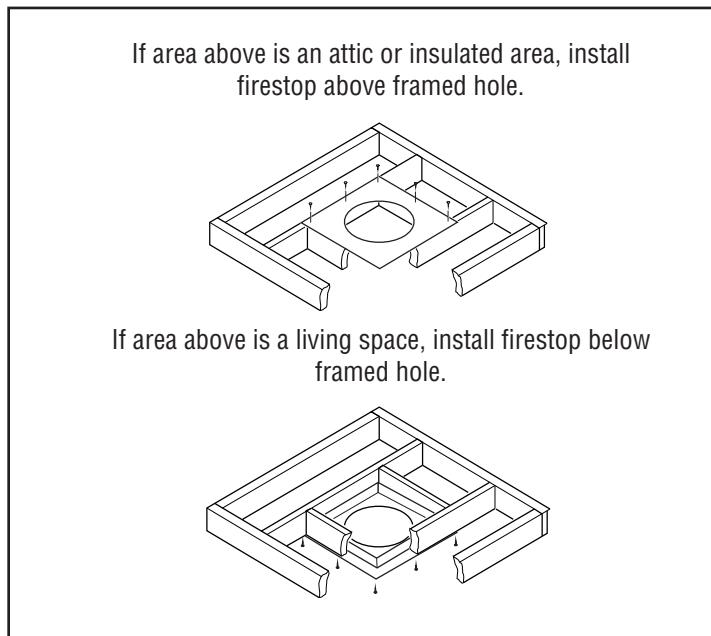


Figure 18 - Installing Firestop

Vertical Termination Configurations

Figures 19 and 20, show the configurations for vertical termination.

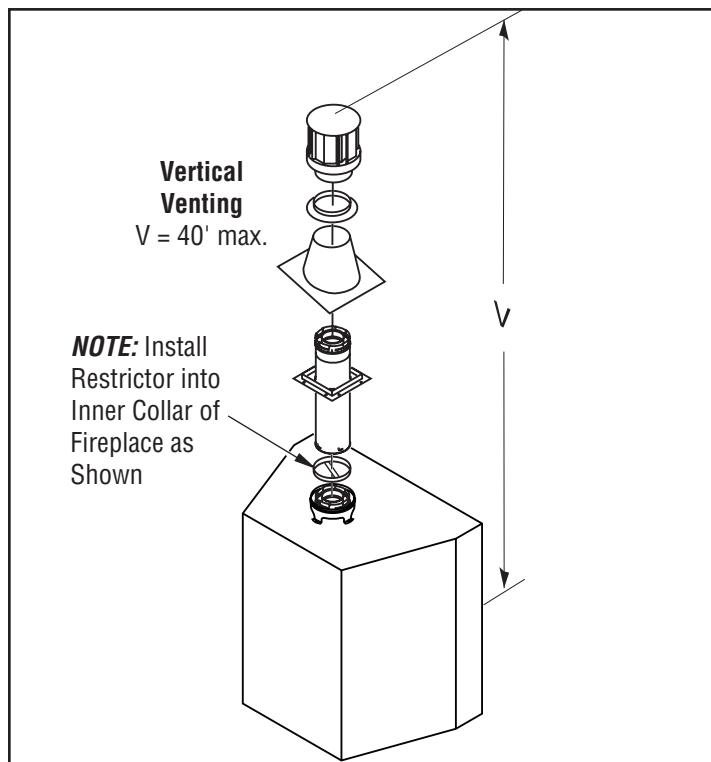


Figure 19 - Vertical Venting Configuration

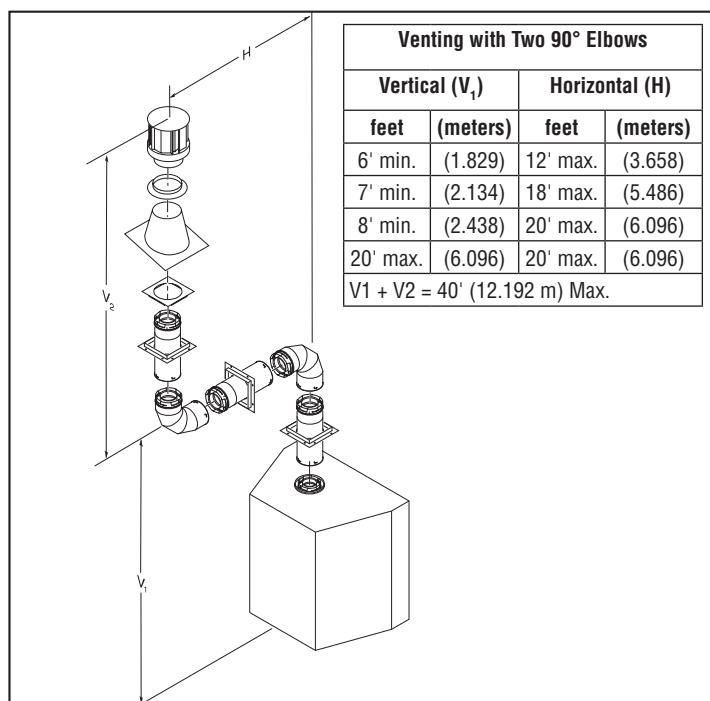


Figure 20 - Vertical Venting Configuration Using Two 90° Elbows

HIGH ALTITUDE INSTALLATION

Your IHP direct vent fireplace has been tested and approved for elevations from 0-2000 feet.

When installing a fireplace at an elevation above 2000 feet, you may need to decrease the input rating by changing the existing burner orifice to a smaller size. Reduce input 4% for each 1000 feet above sea level. Check with your local gas company for proper orifice size identification.

When installing this fireplace at an elevation above 4500 feet, check with local authorities.

PARTS LIST FOR VENTING KITS AND COMPONENTS

IHP (5/8") Pipe & Vent Kits		
IMPORTANT NOTE: The installation accessories shown in this section are part of the safety agency listing for the product models represented in this manual.		
Cat. No.	Part No.	Description
J2209	P58-6	6" Section Double Wall Pipe, Galvanized
J2201	P58-12	12" Section Double Wall Pipe, Galvanized
J2203	P58-24	24" Section Double Wall Pipe, Galvanized
J2205	P58-36	36" Section Double Wall Pipe, Galvanized
J2207	P58-48	48" Section Double Wall Pipe, Galvanized
J2082	PA58-712	Adjustable 7"-12" Section Double Wall Pipe, Galvanized
J0661	E58-45	45° Elbow, Galvanized
J0663	E58-90	90° Elbow, Galvanized
J1504	HTS-58	Horizontal Square Termination, Galvanized
J3190	VT-58	Vertical Round Termination, Galvanized
J2300	SC-58	Storm Collar, Galvanized
J3479	WF-58	Wall Firestop, Galvanized
J2251	RF-58-6	Roof Flashing - 0 to 6/12 Pitch, Galvanized
J2249	RF-58-12	Roof Flashing - 6/12 to 12/12 Pitch, Galvanized
J3134	VR-58	Vertical Restrictor, Galvanized
J2292	S-58	Vinyl Siding Standoff, Galvanized
J3483	WS-58	Wall Strap
J0373	CS-58	Cathedral Ceiling Support
J0953	FP-58	Firestop Plate
J2316	SF-58	Stucco Flashing - For use with HTS-58
J1484	HHTK-58	High Wind Rd. Hor. Termin Kit

FIREPLACE INSTALLATION

CHECK GAS TYPE

Use proper gas type for the fireplace unit you are installing. If you have conflicting gas types, do not install fireplace. See retailer where you purchased the fireplace for proper fireplace according to your gas type.

INSTALLING GAS PIPING TO FIREPLACE LOCATION

⚠ WARNING: A qualified service person must connect fireplace to gas supply. Follow all local codes.

⚠ CAUTION: For propane/LP units, never connect fireplace directly to the propane/LP supply. This fireplace requires an external regulator (not supplied). Install the external regulator between the fireplace and propane/LP supply.

⚠ WARNING: For natural gas, never connect fireplace to private (non-utility) gas wells. This gas is commonly known as wellhead gas.

Installation Items Needed

Before installing fireplace, make sure you have the items listed below.

- external regulator (supplied by installer)
- piping (check local codes)
- sealant (resistant to propane/LP gas)
- equipment shutoff valve *
- test gauge connection *
- sediment trap
- tee joint
- pipe wrench
- approved flexible gas line with gas connector (if allowed by local codes)

* An equipment shutoff valve with 1/8" NPT tap is an acceptable alternative to test gauge connection. Purchase the equipment shutoff valve from your retailer.

For propane/LP connection only, the installer must supply an external regulator. The external regulator will reduce incoming gas pressure. You must reduce incoming gas pressure to between 11" and 14" of W.C. pressure. If you do not reduce incoming gas pressure, fireplace regulator damage could occur. Install external regulator with the vent pointing down as shown in **Figure 21**. Pointing the vent down protects it from freezing rain or sleet.

⚠ CAUTION: Use only new, black iron or steel pipe. Internally-tinned copper tubing may be used in certain areas. Check your local codes. Use pipe of 1/2" diameter or greater to allow proper gas volume to fireplace. If pipe is too small, undue loss of volume will occur.

Installation must include an equipment shutoff valve, union and plugged 1/8" NPT tap. Locate NPT tap within reach for test gauge hook up. NPT tap must be upstream from fireplace (see **Figure 22**).

IMPORTANT: Install main gas valve (equipment shutoff valve) in an accessible location. The main gas valve is for turning on or shutting off the gas to the appliance.

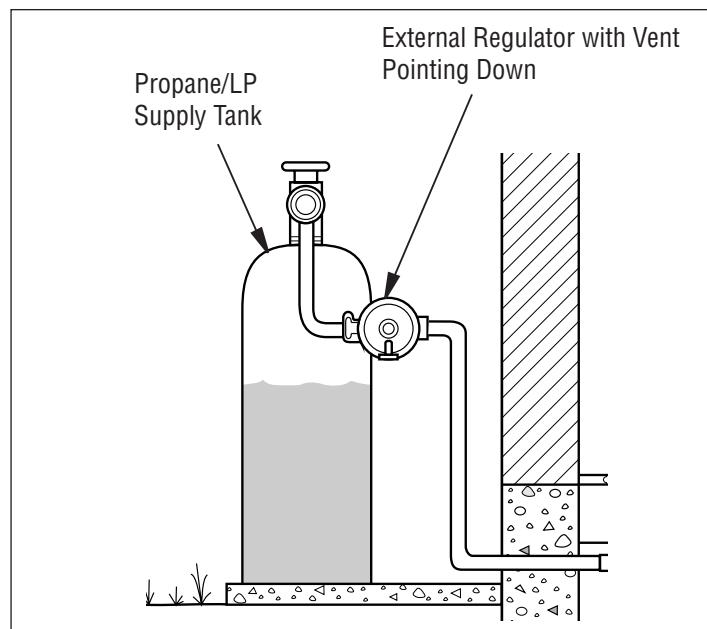
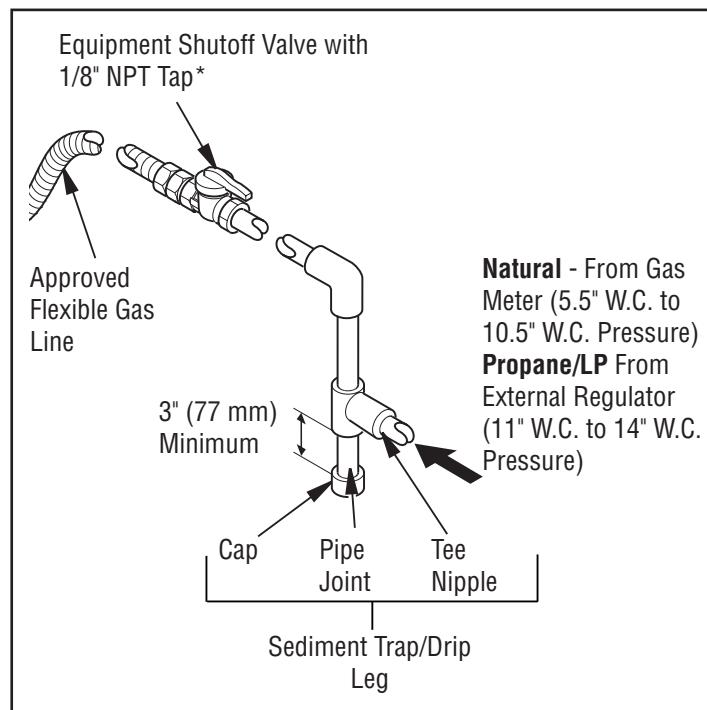


Figure 21 - External Regulator with Vent Pointing Down (Propane/LP Only)

Check your building codes for any special requirements for locating equipment shutoff valve to fireplaces.

Apply pipe joint sealant lightly to male NPT threads. This will prevent excess sealant from going into pipe. Excess sealant in pipe could result in clogged fireplace valves.



* The equipment shutoff valve may be supplied with the appliance or you can purchase it from your retailer.

Figure 22 - Gas Connection

FIREPLACE INSTALLATION *Continued*

⚠ WARNING: Use pipe joint sealant that is resistant to liquid petroleum (LP) gas.

We recommend that you install a sediment trap/drip leg in supply line as shown in **Figure 22, Page 17**. Locate sediment trap/drip leg where it is within reach for cleaning. Install in piping system between fuel supply and fireplace. Locate sediment trap/drip leg where trapped matter is not likely to freeze. A sediment trap traps moisture and contaminants. This keeps them from going into fireplace gas controls. If sediment trap/drip leg is not installed or is installed wrong, fireplace may not run properly.

CONNECTING FIREPLACE TO GAS SUPPLY

Installation Items Needed

- 5/16" hex socket wrench or nut-driver
- sealant (resistant to propane/LP gas, not provided)
- 1. Route flexible gas line (provided by installer) from equipment shutoff valve to fireplace. Route flexible gas supply line through one of the access holes on side of fireplace.
- 2. Attach flexible gas line from gas supply to control valve (*see Figure 23*).
- 3. Check all gas connections for leaks. See Checking Gas Connections.

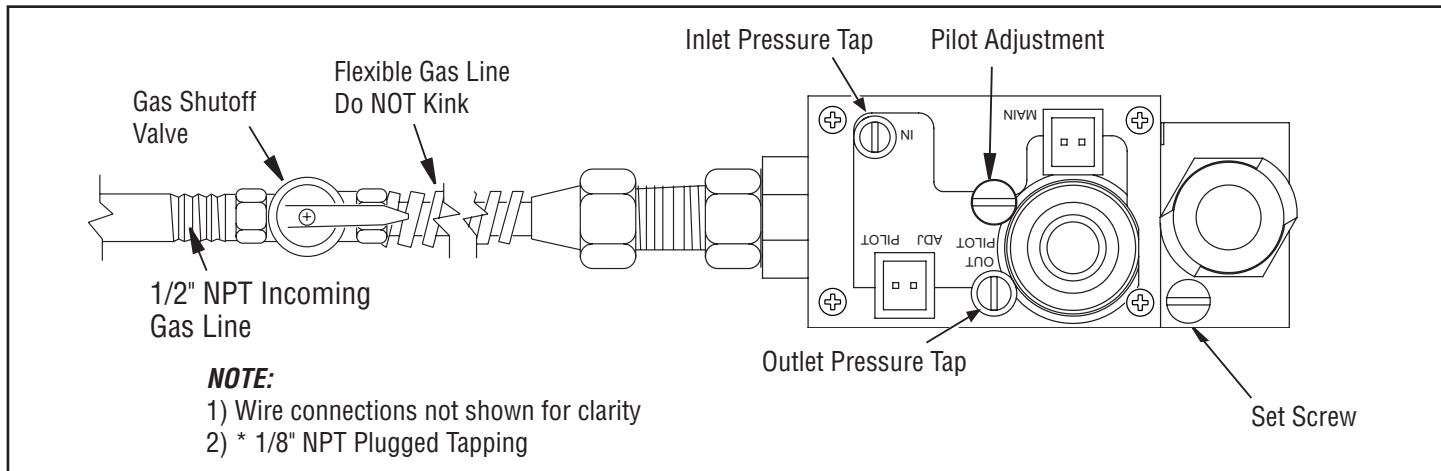


Figure 23 - Connecting Incoming Gas Line to Flex Gas Line

CHECKING GAS CONNECTIONS

⚠ WARNING: Test all gas piping and connections, internal and external to unit, for leaks after installing or servicing. Correct all leaks at once.

⚠ WARNING: Never use an open flame to check for a leak. Apply noncorrosive leak detection fluid to all joints. Bubbles forming show a leak. Correct all leaks at once.

PRESSURE TESTING GAS SUPPLY PIPING SYSTEM

Test Pressures In Excess Of 1/2 PSIG (3.5 kPa)

1. Disconnect fireplace and its individual equipment shutoff valve from gas supply piping system. Pressures in excess of 1/2 psig (3.5 kPa) will damage fireplace gas regulator.
2. Cap off open end of gas pipe where equipment shutoff valve was connected.
3. Pressurize supply piping system by either opening propane/LP supply tank valve for propane/LP gas fireplace or opening main gas valve located on or near gas meter for natural gas fireplace or using compressed air.
4. Check all joints of gas supply piping system. Apply noncorrosive leak detection fluid to all joints. Bubbles forming show a leak. Correct all leaks at once.

5. Reconnect fireplace and equipment shutoff valve to gas supply. Check reconnected fittings for leaks.

Test Pressures Equal To or Less Than 1/2 PSIG (3.5 kPa)

1. Close equipment shutoff valve (*see Figure 24*).
2. Pressurize supply piping system by either opening propane/LP supply tank valve for propane/LP gas fireplace or opening main gas valve located on or near gas meter for natural gas fireplace or using compressed air.
3. Check all joints from propane/LP supply tank or gas meter to equipment shutoff valve (*see Figure 25 or Figure 26, Page 19*). Apply noncorrosive leak detection fluid to all joints. Bubbles forming show a leak.
4. Correct all leaks at once.

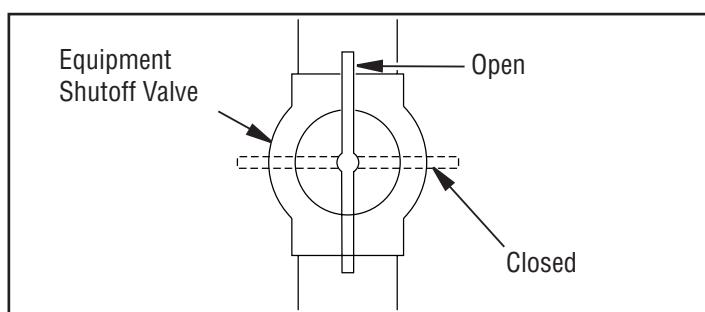


Figure 24 - Equipment Shutoff Valve

FIREPLACE INSTALLATION *Continued*

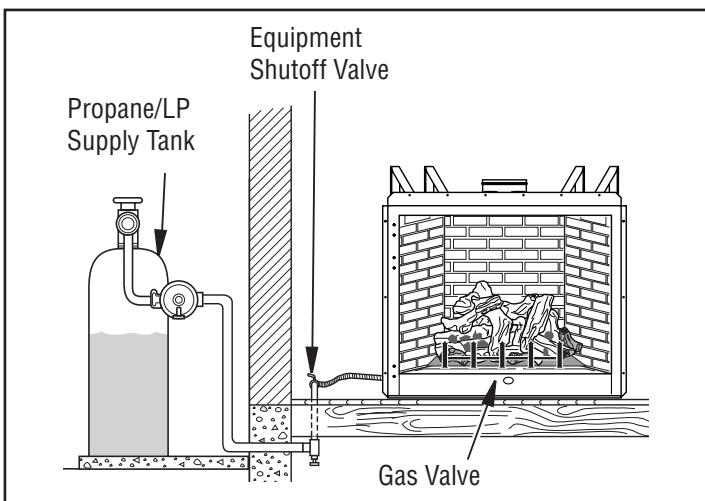


Figure 25 - Checking Gas Joints for Propane/LP Gas Fireplace

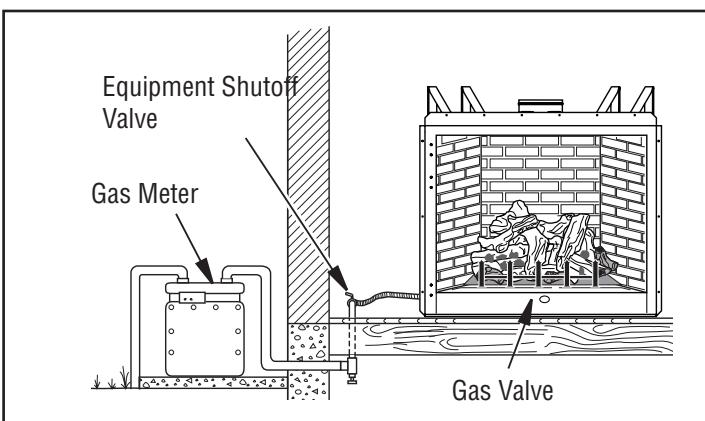


Figure 26 - Checking Gas Joints for Natural Gas Fireplace

PRESSURE TESTING FIREPLACE GAS CONNECTIONS

1. Open equipment shutoff valve (see **Figure 24, Page 18**).
2. Open propane/LP supply tank valve for propane/LP fireplace or main gas valve located on or near gas meter for natural gas fireplace.
3. Make sure control knob of fireplace is in the OFF position.
4. Check all joints from equipment shutoff valve to gas valve (see **Figure 25 or Figure 26**). Apply noncorrosive leak detection fluid to all joints. Bubbles forming show a leak. Correct all leaks at once.
5. Light fireplace (see **Operation, Page 24**). Check all other internal joints for leaks.
6. Turn off fireplace (see **To Turn Off Gas to Appliance, Page 24**).

REMOVING/REPLACING GLASS DOOR

CAUTION: Do not operate this fireplace with a broken glass door panel or without the glass door panel securely in place. For replacement part information see **Replacement Parts, Page 31**.

CAUTION: Wear gloves and safety glasses while handling or removing broken glass. Do not remove if glass is hot. Keep children and pets away from glass.

WARNING: A barrier designed to reduce the risk of burns from the hot viewing glass is provided with this appliance and shall be installed.

WARNING: If fireplace has been running, turn off fireplace. Let cool before removing glass doors.

WARNING: Do not slam or strike doors. Damage can result in a hazardous condition.

Removing Glass Door

If replacement of glass is necessary, the entire frame assembly must be replaced. Gloves must be worn when removing/replacing glass door. If glass is broken tape remaining glass onto frame before removing.

1. Remove screens if installed.
2. Open bottom access panel.
3. Unlock 2 door latches on bottom of firebox.
4. Tilt open glass door 45° from the bottom of firebox and lift up to release door from firebox top retainer (see **Figure 27**).

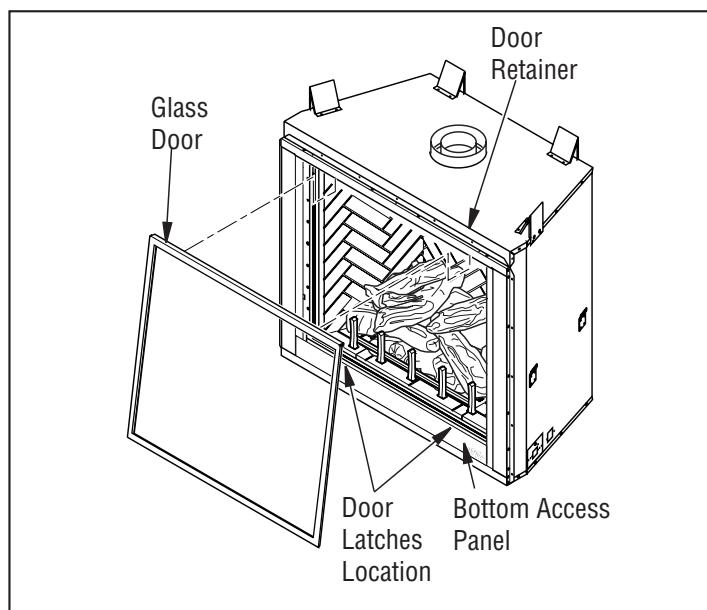


Figure 27 - Removing/Replacing Door

FIREPLACE INSTALLATION *Continued*

Replacing Glass Door

1. Position door frame in front of firebox opening with bottom of door tilted away from firebox (see **Figure 27, Page 19**).
2. Hook top flange of door frame over top of firebox frame.
3. Secure 2 bottom door latches.

Reinstall the included barrier (J7450, 36" or J7456, 42")

⚠ WARNING: Reinstall any barrier removed before operating the fireplace. The barrier is designed to reduce the risk of burns from hot glass. Do not operate the fireplace without the barrier installed.

NOTE: All models must have a barrier installed prior to operation.

1. Hold the barrier in front of the glass door and slide it up into the channel underneath the upper front face (see **Figure 28**).
2. Slide the barrier bottom down into the slots below at the glass door level, securing it in place (see **Figure 28**).

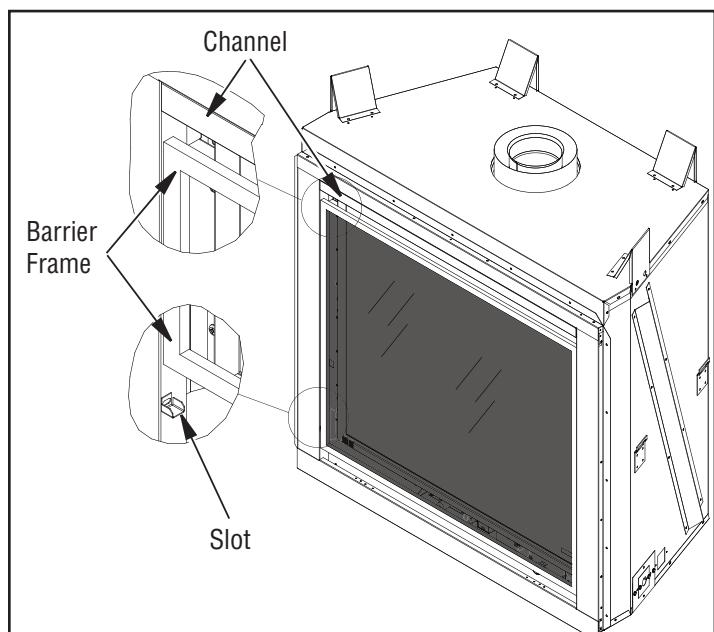


Figure 28 - Installing Barrier

Discontinue use of the appliance immediately if doors are damaged and contact a qualified installer for repair. Only doors certified with the appliance shall be used.

VOLCANIC STONE, DECORATIVE GRATE, EMBER FLAKES AND SCRAP LOG INSTALLATION

Volcanic stone, ember flakes and scrap log pieces are included with your fireplace. Install these items while glass doors are open and/or removed.

1. Follow instructions from Removing/Replacing Glass Door, Page 19, to move glass out of the way of this installation.
2. **For 36" models only:** Install 3 loose logs by placing log #1, log #2 and log #3 onto one piece log as shown in **Figures 29, 29a and 29b**.

3. Place volcanic stone around base of burner. Make sure burner ports are not covered (see **Figure 30, Page 21**).
4. Place ember flakes around front and sides of burner and on burner ports (see **Figure 31, Page 21**). This will create the glowing ember appearance as the flame touches the ember flakes. Do not block burner ports or pilot ports by overlapping ember flakes in one area. It is not necessary to use all ember material provided.
5. Place scrap log pieces randomly behind grate as shown in Figure 32 on volcanic stone and around (but not on) burner ports.
6. Place grate in front of logs as shown in **Figure 32, Page 21**. Be sure grate is balanced so it does not fall or lean onto logs. Grate does not attach to hearth assembly.

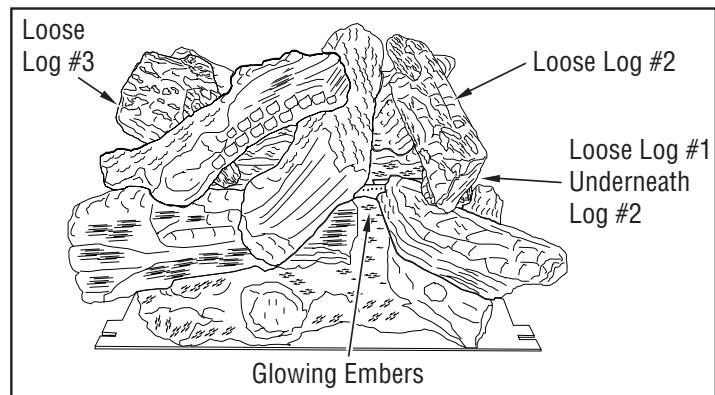


Figure 29 - Installing Loose Logs



Figure 29a - Installing Loose Log #1

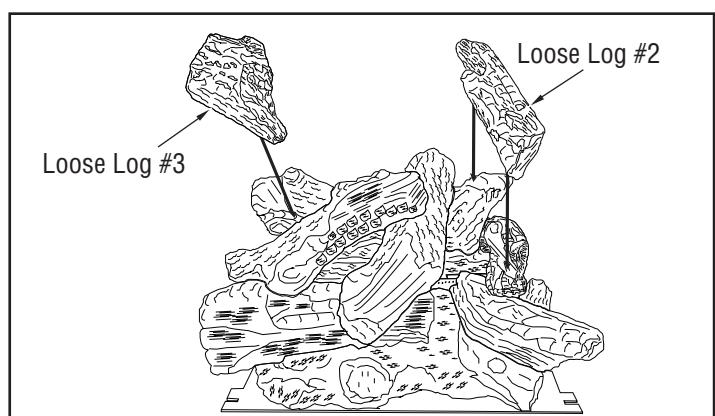


Figure 29b - Installing Loose Logs #2 and #3

FIREPLACE INSTALLATION *Continued*

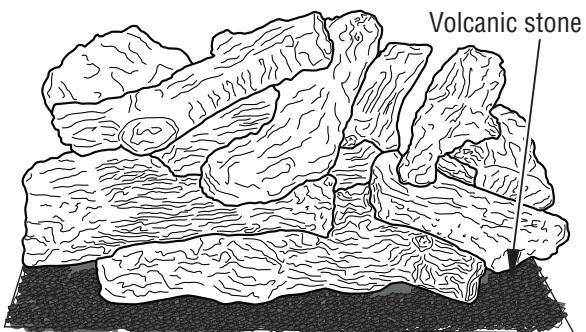


Figure 30 - Installing Volcanic stone

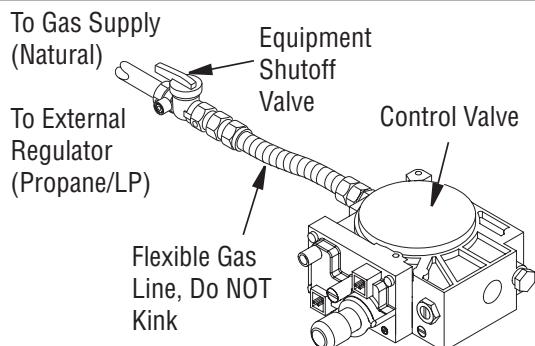


Figure 33 - Connecting/Disconnecting Gas Line to Control Valve

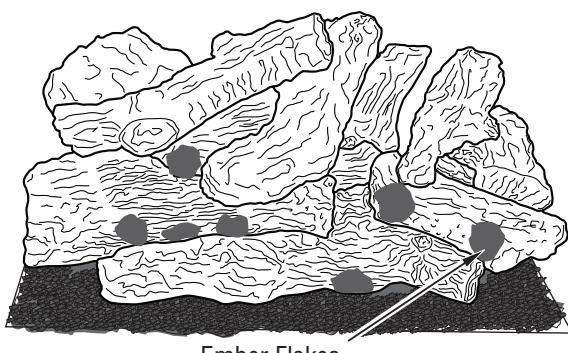


Figure 31 - Installing Ember Flakes

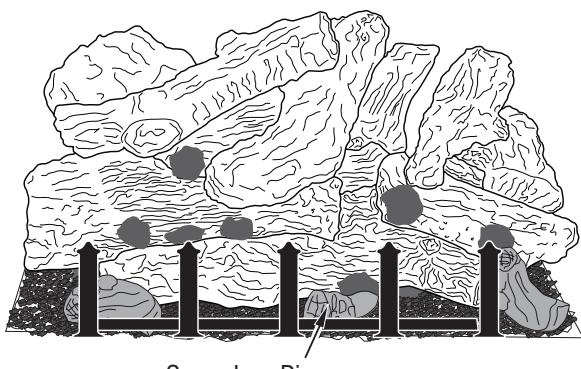


Figure 32 - Installing Scrap Log Pieces

REMOVING LOG SET/BURNER MODULE

Connecting and Disconnecting Gas Line

⚠ WARNING: A qualified service person must connect and disconnect fireplace with gas supply. Follow all local codes.

1. Using a 5/16" hex socket wrench or nut-driver, connect or disconnect flexible gas line and control valve (see *Figure 33*).
2. After connecting gas line to control valve, always test for leaks.

⚠ WARNING: Never use an open flame to check for a leak. Apply noncorrosive leak detection fluid to joints. Bubbles forming show a leak. Correct leaks at once.

⚠ CAUTION: The gas supply shall be shut off prior to disconnecting the electrical power, if any, before proceeding with this installation.

⚠ CAUTION: Use gloves when removing the log set/burner module from your firebox. Some metal edges may be sharp. Use caution with log sets as logs are fragile.

1. Remove glass door (see *Page 19*).
2. Remove grate and all floor media (see *Removing Log Set/Burner Module*).
3. Carefully lift and remove 3 hearth refractories from fireplace.
4. Remove 3 spacers from firebox bottom (see *Figure 34*).
5. **For 36" models only:** Remove 3 loose logs from log set (see *Figures 29, 29a, and 29b, Page 20*).
6. Remove 9 screws from front and sides of firebox burner base. Lift entire base from unit by pulling forward to disengage from rear flange and then lifting up (see *Figure 34*).
7. If needed, replace burner gasket before reinstalling log set/burner module (see *replacement parts list on Page 31*).

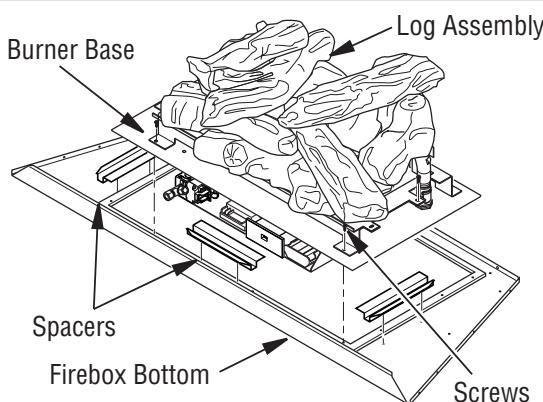


Figure 34 - Removing/Installing Burner Base

FIREPLACE INSTALLATION *Continued*

GAS CONTROL MODULE SYSTEM

The module has 2 special features built into the system.

CONTINUOUS PILOT FEATURE

This allows the change from a spark to pilot system to a standing pilot system.

1. There is a switch located on the right side of the module that reads CONTINUOUS PILOT ON/OFF. This switch selects the pilot's mode of operation (*Figure 35*).
2. When the continuous pilot switch is in the OFF position and the appliance rocker switch is turned ON, the pilot will spark and light. When the appliance rocker switch is turned OFF, the pilot will shut OFF when the main burner shuts OFF.
3. When the continuous pilot switch is in the ON position and the appliance rocker switch is turned ON, the pilot will spark and light. When the appliance rocker switch is turned OFF, the pilot will stay ON when the main burner shuts OFF.
4. The continuous pilot mode can also be activated by the Remote Control.

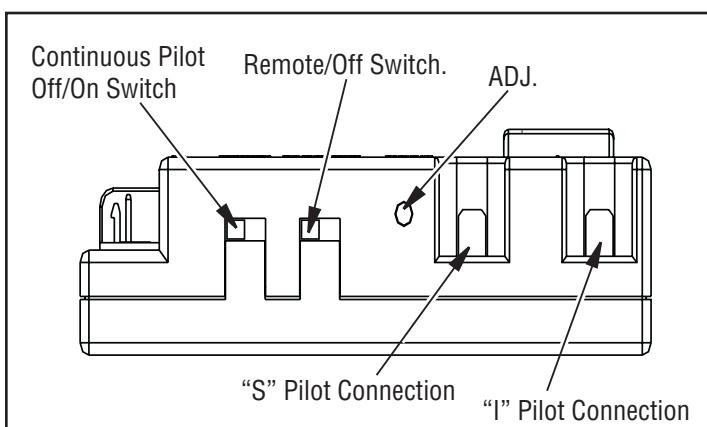


Figure 35 - Gas Module Right Side

REMOTE CONTROL FEATURE

The module has a built in remote control receiver that allows the user to program the remote transmitter at any time during or after the installation of the burner.

1. There is a switch located on the right side of the module that reads REMOTE/OFF (*Figure 36*).
2. When the remote/off switch is in the OFF position, the burner will operate from the rocker switch or wall switch connected to the two BROWN wires on the module.
3. When the remote/off is in the REMOTE position the burner will operate from the Remote Control transmitter.

NOTE: The module must be programmed to the Remote Control transmitter.

- To program the module (make sure the system has power), locate the learn button (*Figure 36*) on the module. Press and release the learn button. There will be a beep sound from the module. Then press any button on the remote transmitter. Once the module's internal receiver accepts the transmitter code, there will be a series of confirming beeps.
- The remote system is ready for use.

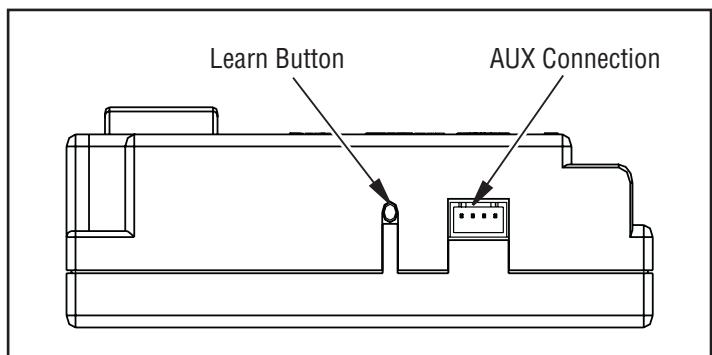


Figure 36 - Gas Module Left Side

BATTERY BACK-UP

This fireplace is equipped with a battery back-up. If the power was to go out on the fireplace, the battery back-up allows the fireplace to remain operational. Make sure to periodically check the condition of the four AA batteries used for the battery back-up.

REPLACING BATTERIES IN HAND-HELD REMOTE CONTROL AND AC BATTERY BACKUP

Replacing Batteries in AC Battery Backup

1. Remove bottom access door.
2. Remove battery pack from metal housing.
3. Remove screw and battery pack cover.
4. Remove existing batteries. Install 4 AA batteries into battery pack following positive and negative directions.
5. Replace battery pack cover and screw.
6. Insert battery pack back into metal housing.
7. Replace bottom access door.

Installing Batteries in Remote Control Unit

1. Remove battery cover on back of remote control unit.
2. Remove battery.
3. Install 1 A23/12V battery following positive and negative directions.
4. Replace battery cover onto remote control unit.

WARNING

Electrical Grounding Instructions

This appliance is equipped with a three-prong (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.

INSTALLER INSTRUCTIONS - ATTACHING SAFETY IN OPERATION WARNINGS

It is the installers responsibility to ensure these warnings are properly affixed during installation. These warning labels are a critical step in informing consumers of safe operation of this appliance.

ATTACHING SAFETY IN OPERATION WARNINGS

It is required that the safety instruction labels furnished with the fireplace be affixed to the operation and control point of the fireplace. A safety instruction label must be affixed to the wall switch plate where the fireplace is turned on and off (**See Figure A**) or wall thermostat (**See Figure B**) and if used on the remote control handheld transmitter (**Figure C**). To properly complete the installation of this fireplace, locate the multi-lingual adhesive labels provided with the Care and Operation Instructions and proceed as follows:

1. Locate the wall switch or wall thermostat that controls the fireplace (verify the switch operates the fireplace by turning it on and off). Clean the wall switch plate or wall thermostat thoroughly to remove any dust and oils. Affix the label to the surface of the plate of the wall switch that controls the fireplace (**Figure A**) or the wall thermostat (**Figure B**). Choose the language primarily spoken in the home. If unknown, affix the English language label.
2. If a remote control is used to control the fireplace, locate the transmitter and clean it thoroughly to remove any dust and oils. Affix the label to the surface of handheld transmitter (**Figure C**). Choose the language primarily spoken in the home. If unknown, affix the English language label.
3. If you are unable to locate the labels, please contact IHP or your nearest IHP dealer to receive additional safety instruction labels free of charge.

Cat. No. H8024 Replacement Label Kit

IHP
SuperiorFireplaces.us.com

NOTE: English is red text on clear label. French and Spanish are white text on black label.

SAFETY LABEL DIAGRAMS



Illustrations are for example only.
Your accessories may be different.

Les illustrations sont par exemple
uniquement. Vos accessoires
peuvent être différents.

Las ilustraciones son sólo ejemplos.
Tu accesorios pueden ser diferentes.

APPOSITION DES MISES EN GARDE RELATIVES À LA SÉCURITÉ D'UTILISATION

Il est impératif que les étiquettes de sécurité fournies avec le foyer soient collées à côté des dispositifs de contrôle du foyer. Une étiquette de sécurité doit être collée sur la plaque de l'interrupteur contrôlant l'allumage du foyer (*voir Figure A*) ou sur le thermostat mural (*voir Figure B*) et, le cas échéant, sur le boîtier de la télécommande (*Figure C*). Pour achever l'installation correcte de ce foyer, procédez comme suit avec les étiquettes adhésives en langues étrangères fournies avec les instructions d'utilisation et d'entretien :

1. Repérez l'interrupteur ou le thermostat mural qui contrôle le foyer (vérifiez que l'interrupteur contrôle le fonctionnement du foyer en le faisant basculer de Marche à Arrêt, et vice-versa). Nettoyez soigneusement la plaque murale de l'interrupteur ou le thermostat mural pour éliminer la poussière et les traces de graisse ou d'huile. Collez l'étiquette sur la surface de la plaque de l'interrupteur mural qui contrôle le foyer (**Figure A**) ou du thermostat mural (**Figure B**). Choisissez la langue qui est principalement parlée dans la résidence du propriétaire. En cas de doute, collez l'étiquette en anglais.
2. Si une télécommande est utilisée pour contrôler le foyer, nettoyez la soigneusement pour éliminer la poussière et les traces de graisse ou d'huile. Collez l'étiquette sur le boîtier de la télécommande (**Figure C**). Choisissez la langue qui est principalement parlée dans la résidence du propriétaire. En cas de doute, collez l'étiquette en anglais.
3. Si vous ne parvenez pas à localiser les étiquettes, s'il vous plaît contactez IHP ou votre revendeur le plus proche pour recevoir IHP étiquettes d'instructions de sécurité supplémentaires gratuitement.

Étiquettes de remplacement, n° cat. H8024

IHP
SuperiorFireplaces.us.com

Remarque : Le texte anglais est rouge sur un support transparent. Le texte français et espagnol est blanc sur un support noir.

DIAGRAMMES DES ÉTIQUETTES DE SÉCURITÉ



Figure A
Figura A

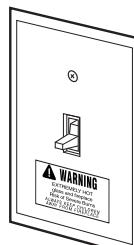


Figure B
Figura B



Figure C
Figura C



COLOCACIÓN DE ADVERTENCIAS DE SEGURIDAD EN OPERACIÓN

Se requiere que las etiquetas de instrucciones de seguridad incluidas con la chimenea se coloquen en el punto de operación y control de la misma. Se debe colocar una etiqueta de instrucciones de seguridad en la placa del interruptor de pared desde el cual se enciende y se apaga la chimenea (*ver la Figura A*) o en el termostato de pared (*ver la Figura B*) y en el transmisor de control remoto (*Figura C*) si se usa. Para completar correctamente la instalación de esta chimenea, encuentre las etiquetas adhesivas multilingües incluidas con las instrucciones de cuidado y operación y haga lo siguiente:

1. Identifique el interruptor o el termostato de pared que controla la chimenea (verifique que el interruptor opera la chimenea encendiéndola y apagándola). Limpie bien la placa del interruptor o el termostato de pared para quitar el polvo y aceite. Pegue la etiqueta en la superficie de la placa del interruptor que controla la chimenea (**Figura A**) o en el termostato de pared (**Figura B**). Seleccione el idioma que más se habla en la casa. Si no sabe cuál es, use la etiqueta en inglés.
2. Si se usa un control remoto para controlar la chimenea, encuentre el transmisor y límpielo bien para quitar el polvo y aceite. Pegue la etiqueta en la superficie del transmisor (**Figura C**). Seleccione el idioma que más se habla en la casa. Si no sabe cuál es, use la etiqueta en inglés.
3. Si usted es incapaz de localizar las etiquetas, por favor póngase en contacto con IHP, o con su distribuidor más cercano IHP recibir instrucción etiquetas de seguridad adicionales sin costo.

Juego de etiquetas de repuesto - N° de cat. H8024

IHP
SuperiorFireplaces.us.com

Nota: La etiqueta en inglés es transparente con texto rojo. Las etiquetas en francés y español son negras con texto blanco.

DIAGRAMAS DE ETIQUETAS DE SEGURIDAD



OPERATION

FOR YOUR SAFETY READ BEFORE LIGHTING

LIGHTING INSTRUCTIONS

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

A. This appliance is equipped with an ignition device which automatically lights the pilot. Do not light pilot by hand.

B. BEFORE LIGHTING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.

WHAT TO DO IF YOU SMELL GAS

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

C. If any portion of this appliance does not operate as the instructions indicate, do not try to repair it, call a qualified service technician. Do not use tools. Force or attempted repair may result in a fire or explosion.

D. Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.

NOTICE: During initial operation of new fireplace, burning logs will give off a paper-burning smell. Orange flame will also be present. Open damper or window to vent smell. This will only last a few hours.

1. STOP! Read the safety information in column 1.
2. Turn off all electric power to fireplace.
3. Turn safety shutoff switch to the OFF position.
4. Remove center brick/control cover.
5. Turn equipment shutoff valve clockwise ↘ to the OFF position (see Figure 37). Do not force.
6. Wait five (5) minutes to clear out any gas. Then smell for gas, including near the floor. If you smell gas, STOP! Follow "B" in the safety information, column 1. If you don't smell gas, go to the next step.
7. Turn equipment shutoff valve counterclockwise ↗ to the ON position. Do not force.
8. Replace center brick/control cover.
9. Turn on all electric power to appliance.
10. Turn safety shutoff switch to the ON position.
11. Visually locate pilot. Igniter should begin to spark and main burner should ignite once flame appears at pilot.
 - If lighting appliance for the first time each season, it may take several attempts before supply gas can reach pilot and main burners.
 - If appliance will not stay lit after several attempts, follow instructions under To Turn Off Gas To Appliance and call your service technician or gas supplier.

TO TURN OFF GAS TO APPLIANCE

1. Turn off safety shutoff switch.
2. Turn off all electric power to appliance if service is to be performed.
3. Remove center brick/control cover.
4. Turn equipment shutoff valve clockwise ↘ to OFF. Do not force.
5. Replace center brick/control cover.

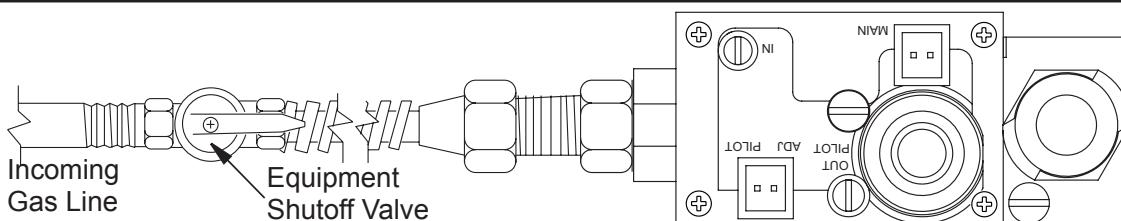


Figure 37 - Turning Equipment Shutoff Valve to the OFF Position

HOMEOWNER'S INSTRUCTIONS - ATTACHING SAFETY IN OPERATION WARNINGS

ATTACHING SAFETY IN OPERATION WARNINGS

Your fireplace has been furnished with safety instruction labels that are to be affixed to the operation and control point of the fireplace. A safety instruction label should be affixed to the wall switch plate where the fireplace is turned on and off (*See Figure A*) or wall thermostat (*See Figure B*) and if used on the remote control handheld transmitter (*Figure C*). The warnings should already have been put in place when the fireplace initial set-up was completed. If they are not affixed at these spots, locate the multi-lingual adhesive labels provided with these instructions and proceed as follows:

1. Locate the wall switch or wall thermostat that controls the fireplace (verify the switch operates the fireplace by turning it on and off). Clean the wall switch plate or wall thermostat thoroughly to remove any dust and oils. Affix the label to the surface of the plate of the wall switch that controls the fireplace (*Figure A*) or the wall thermostat (*Figure B*). Choose the language primarily spoken in the home.
2. If a remote control is used to control the fireplace, locate the transmitter and clean it thoroughly to remove any dust and oils. Affix the label to the surface of handheld transmitter (*Figure C*). Choose the language primarily spoken in the home.
3. If you are unable to locate the labels, please contact IHP or your nearest IHP dealer to receive additional safety instruction labels free of charge.

Cat. No. H8024 Replacement Label Kit

IHP
SuperiorFireplaces.us.com

NOTE: English is red text on clear label. French and Spanish are white text on black label.

SAFETY LABEL DIAGRAMS



*Illustrations are for example only.
Your accessories may be different.*

Les illustrations sont par exemple uniquement. Vos accessoires peuvent être différents.

*Las ilustraciones son sólo ejemplos.
Tu accesorios pueden ser diferentes.*

APPOSITION DES MISES EN GARDE RELATIVES À LA SÉCURITÉ D'UTILISATION

Votre foyer a été livré avec des étiquettes de sécurité qui doivent être collées à côté des dispositifs de contrôle du foyer. Une étiquette de sécurité doit être collée sur la plaque de l'interrupteur contrôlant l'allumage du foyer (*voir Figure A*) ou sur le thermostat mural (*voir Figure B*) et, le cas échéant, sur le boîtier de la télécommande (*Figure C*). Les mises en garde auraient dû être collées au moment de l'installation initiale du foyer. Si ce n'est pas le cas, prenez les étiquettes adhésives multilingues fournies avec ces instructions et procédez comme suit:

1. Repérez l'interrupteur ou le thermostat mural qui contrôle le foyer (vérifiez que l'interrupteur contrôle le fonctionnement du foyer en le faisant basculer de Marche à Arrêt, et vice-versa). Nettoyez soigneusement la plaque murale de l'interrupteur ou le thermostat mural pour éliminer la poussière et les traces de graisse ou d'huile. Collez l'étiquette sur la surface de la plaque de l'interrupteur mural qui contrôle le foyer (*Figure A*) ou du thermostat mural (*Figure B*). Choisissez la langue qui est principalement parlée dans la résidence du propriétaire.
2. Si une télécommande est utilisée pour contrôler le foyer, nettoyez la soigneusement pour éliminer la poussière et les traces de graisse ou d'huile. Collez l'étiquette sur le boîtier de la télécommande (*Figure C*). Choisissez la langue qui est principalement parlée dans la résidence du propriétaire.
3. Si vous ne parvenez pas à localiser les étiquettes, s'il vous plaît contactez IHP ou votre revendeur le plus proche pour recevoir IHP étiquettes d'instructions de sécurité supplémentaires gratuitement.

Étiquettes de remplacement, n° cat. H8024

IHP
SuperiorFireplaces.us.com

Remarque : Le texte anglais est rouge sur un support transparent. Le texte français et espagnol est blanc sur un support noir.

DIAGRAMMES DES ÉTIQUETTES DE SÉCURITÉ



*Figure A
Figura A*



*Figure B
Figura B*



*Figure C
Figura C*



COLOCACIÓN DE ADVERTENCIAS DE SEGURIDAD EN OPERACIÓN

Su chimenea incluye etiquetas de instrucciones de seguridad que deben colocarse en el punto de operación y control de la chimenea. Se debe colocar una etiqueta de instrucciones de seguridad en la placa del interruptor de pared desde el cual se enciende y se apaga la chimenea (*ver la Figura A*) o en el termostato de pared (*ver la Figura B*) y en el transmisor de control remoto (*Figura C*) si se usa. Las advertencias ya deben haberse colocado cuando se completó la instalación inicial de la chimenea. Si no están colocadas en estos lugares, encuentre las etiquetas adhesivas multilingües proporcionadas con estas instrucciones y prosiga de la siguiente manera:

1. Identifique el interruptor o el termostato de pared que controla la chimenea (verifique que el interruptor opera la chimenea encendiéndola y apagándola). Limpie bien la placa del interruptor o el termostato de pared para quitar el polvo y aceite. Pegue la etiqueta en la superficie de la placa del interruptor que controla la chimenea (*Figura A*) o en el termostato de pared (*Figura B*). Seleccione el idioma que más se habla en la casa.
2. Si se usa un control remoto para controlar la chimenea, encuentre el transmisor y límpielo bien para quitar el polvo y aceite. Pegue la etiqueta en la superficie del transmisor (*Figura C*). Seleccione el idioma que más se habla en la casa.
3. Si usted es incapaz de localizar las etiquetas, por favor póngase en contacto con IHP, o con su distribuidor más cercano IHP recibir instrucción etiquetas de seguridad adicionales sin costo.

Juego de etiquetas de repuesto - N° de cat. H8024

IHP
SuperiorFireplaces.us.com

Nota: La etiqueta en inglés es transparente con texto rojo. Las etiquetas en francés y español son negras con texto blanco.

DIAGRAMAS DE ETIQUETAS DE SEGURIDAD



INSPECTING BURNERS

Check pilot flame pattern and burner flame patterns often.

PILOT ASSEMBLY

The pilot assembly is factory preset for the proper flame. Alterations may have occurred during shipping and handling. The pilot is located on right hand side of burner.

The flame must envelope 1/4" of top of the igniter/sensor and grounding stem.

If your pilot assembly does not meet these requirements:

- Turn the adjustment screw marked PILOT clockwise to decrease or counterclockwise to increase the flame to proper size (*see Figure 37, Page 24*). Do not remove the adjustment screw.
- see Troubleshooting, Page 28

BURNER FLAME PATTERN

Burner flames will be steady, not lifting or floating. Flame patterns will be different from unit to unit and will vary depending on installation type and weather conditions.

If the vent configuration is installed incorrectly, flames will lift or "ghost". This can be dangerous. Inspect flames after installation to ensure proper installation and performance.

Figure 40 shows a typical flame pattern.

If burner flame pattern differs from that described:

- turn fireplace off (*see To Turn Off Gas to Appliance, Page 24*)
- see Troubleshooting, Page 28

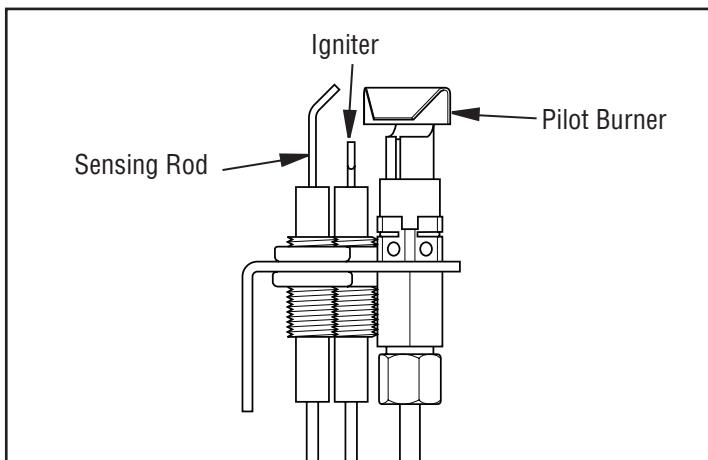


Figure 38 - Pilot

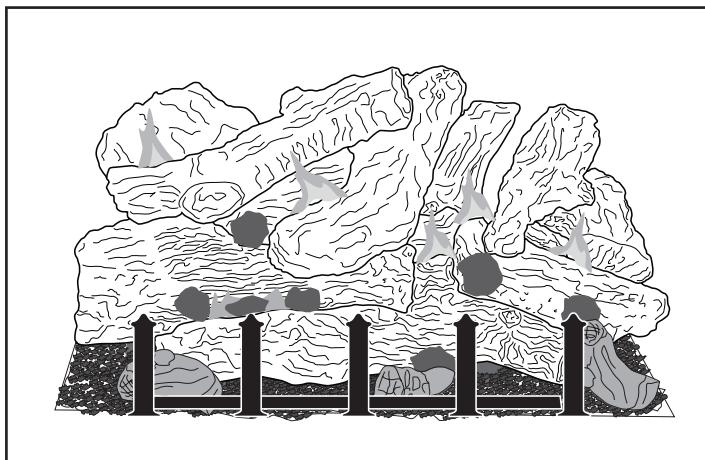


Figure 40 - Typical Flame Pattern

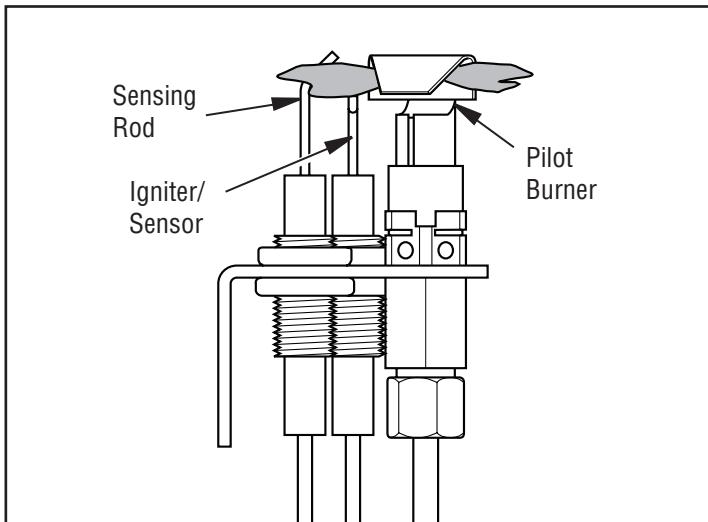


Figure 39 - Correct Pilot Flame Pattern

CAUTION: Hot while in operation. Do not touch. Severe Burns may result. Keep children, clothing, furniture, gasoline and other liquids having flammable vapors away.

ATTENTION : L'appareil est chaud lorsqu'il fonctionne. Ne pas toucher l'appareil. Risque de brûlures graves. Surveiller les enfants. Garder les vêtements, les meubles, l'essence ou autres liquides produisant des vapeurs inflammables loin de l'appareil.

CLEANING AND MAINTENANCE

⚠ WARNING: Turn off fireplace and let cool before cleaning.

⚠ CAUTION: You must keep control areas, burners and circulating air passageways of fireplace clean. Inspect these areas of fireplace before each use. Have fireplace inspected yearly by a qualified service person. Fireplace may need more frequent cleaning due to excessive lint from carpeting, bedding material, pet hair, etc.

GLASS DOORS

⚠ WARNING: Handle glass door panels with care. Do not strike, slam or otherwise abuse glass. Do not operate fireplace with the glass door unlatched, removed, cracked or broken.

⚠ WARNING: Do not use abrasive cleaners as this may damage glass. Use a nonabrasive household glass cleaner to clean glass. Do not clean glass when hot.

Glass must be cleaned periodically. During start-up it is normal for condensation to form on the inside of the glass causing lint, dust and other airborne particles to cling to the glass surface. During initial start-up a slight film may form on the glass due to paint curing. The glass should be cleaned several times with a non-ammonia, nonabrasive household cleaner and warm water after the first two weeks of operation. Thereafter, clean the glass two or three times during each heating season, depending on the usage and circumstances present. Refer to Removing/Replacing Glass Door, Page 19 of this manual when removing glass door for cleaning.

⚠ WARNING: Only parts supplied by the manufacturer should be used when replacing broken or damaged glass door panels (*see Parts, Pages 30 and 31*). Glass door panel are complete units. No substitute materials may be used.

⚠ CAUTION: Wear gloves and safety glasses while handling or removing broken glass. Do not remove if glass is hot. Keep children and pets away from glass.

If glass has been broken, carefully remove glass door (*see Removing/Replacing Glass Door, Page 19*). Vacuum all glass pieces with a shop vacuum.

⚠ CAUTION: Do not vacuum if pieces are hot.

Use only glass door replacement intended for this fireplace (*see Replacement Parts, Page 37* for detail on ordering). No substitutions may be made. See Removing/Replacing Glass Door, Page 19 for instructions for replacing glass doors.

⚠ WARNING: Do not operate fireplace with glass door unlatched, removed, cracked or broken.

PILOT AND BURNERS

- Remove material before cleaning burners and replace when cleaning is complete.
- Burner and controls should be cleaned with compressed air to remove dust, dirt or lint.
- Use a vacuum cleaner or small, soft bristled brush to remove excess dust, dirt or lint.

LOGS

- Use a vacuum cleaner to remove any carbon buildup on logs.
- Replace material periodically as needed. See Replacement Parts, Page 37.

VENTING SYSTEM

Conduct annual inspection of the venting system following these guidelines:

1. Check areas of venting system that are exposed to the weather for corrosion (rust spots or streaks and, in extreme cases, holes). Have these items replaced immediately by a qualified service person.
2. Remove the vent cap and shine a flashlight into the vent. Remove any foreign material.
3. Check for evidence of excessive condensation. Continuous condensation can cause corrosion of caps, pipes and fittings and can be caused by having excessive lateral runs, too many elbows or exterior portions of the system being exposed to cold weather.
4. Inspect joints to verify that no pipe section or fitting has been disturbed and loosened. Check mechanical supports such as wall straps for rigidity.

TROUBLESHOOTING

⚠ WARNING: Turn off fireplace and let cool before servicing. Only a qualified service person should service and repair fireplace.

⚠ CAUTION: Never use a wire, needle or similar object to clean pilot. This can damage pilot unit.

NOTE: All troubleshooting items are listed in order of operation.

OBSERVED PROBLEM	POSSIBLE CAUSE	REMEDY
Igniter will not spark or pilot will not light	1. No gas supply or shutoff valve is OFF 2. Air in gas line 3. Construction debris clogging pilot orifice 4. Low gas pressure 5. Kinked pilot line 6. Control valve is not opening 7. No power to unit or ignition module or power transformer is bad	1. Check to see if you have gas supply and that equipment shutoff valve is opened 2. Repeat lighting procedure several times to purge all air out of lines. If after repeated attempts appliance does not light, call for qualified service and repair 3. Remove debris and dirt, inspect and clean any other possible obstructions 4. Contact your gas supplier to check pressure 5. Have a qualified technician replace pilot line 6. Replace control valve (<i>Refer to Replacement Parts, Page 37</i>) 7. Check that main power is on and that all wire connections are made correctly to ignition model (<i>see Wiring Diagram, Page 36</i>). Check for 24 VAC at the secondary side of transformer. If 24 VAC is present and module does not operate, have module replaced. Otherwise have transformer replaced
Pilot will not stay lit	1. Loose wiring on igniter wire to ignition module and/or poor ground to ignition module 2. Pilot flame too low to sense	1. Check wiring connection. Refer to wiring diagram (<i>see Wiring Diagram, Page 36</i>) and/or check ground wire to ignition module 2. Clean and adjust pilot burner and check gas supply and inlet pressure to unit NOTE: Have a qualified technician replace pilot assembly if broken or corroded
No gas to burner, although safety shutoff switch and valve are set to the ON position	1. Safety shutoff switch wires defective or too long	1. Check electrical connections
Frequent pilot outage	1. Pilot flame may be too low, causing safety pilot to "drop out" 2. Improper venting or excessive blockage	1. Clean and adjust pilot flame for maximum flame impingement on thermopile 2. Have vent system inspected, including termination cap. Remove any restriction or obstruction
Fireplace produces a clicking/ticking noise just after burner is lit or shut off	1. Metal expanding while heating or contracting while cooling	1. This is normal with most fireplaces. If noise is excessive, contact qualified service person
Slight smoke or odor during initial operation	1. Residues from manufacturing processes and logs curing	1. Problem will stop after a few hours of operation

TROUBLESHOOTING *Continued*

▲ WARNING: If you smell gas

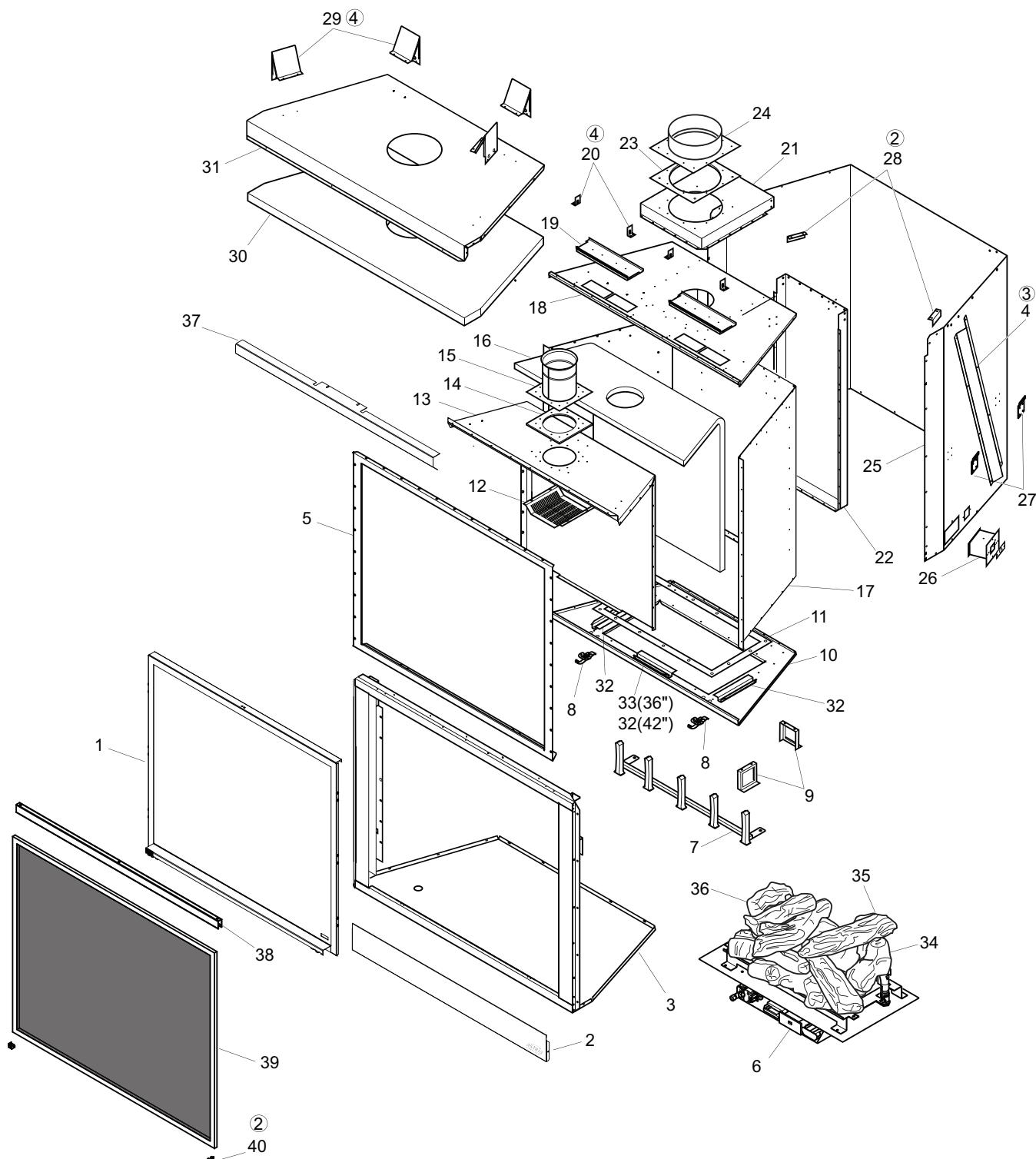
- Shut off gas supply.
- Do not try to light any appliance.
- Do not touch any electrical switch; do not use any phone in your building.
- Leave the building immediately
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

OBSERVED PROBLEM	POSSIBLE CAUSE	REMEDY
Gas odor even when gas control valve is off	1. Gas leak. See Warning statement at top of Page 2. Control valve defective	1. Locate and correct all leaks (<i>see Checking Gas Connections, Page 18</i>) 2. Replace control valve
Gas odor during combustion	1. Foreign matter between control valve and burner 2. Gas leak. See Warning statement at top of Page	1. Take apart gas tubing and remove foreign matter 2. Locate and correct all leaks (<i>see Checking Gas Connections, Page 18</i>)
Glass soots	1. Debris around burner air mixer 2. Improper vent configuration	1. Inspect opening at base of burner to see that it is NOT packed with any type of material 2. Check vent configuration specification (<i>see Venting Installation, Page 12</i>)
Dark residue on logs or inside of fireplace	1. Air holes at burner inlet blocked 2. Burner flame holes blocked 3. Improper venting or excessive blockage 4. Excessive amounts of embers and pan material	1. Clean out air holes at burner inlets. Periodically repeat as needed 2. Remove blockage 3. Have vent system inspected, including termination cap. Remove any restrictions or obstruction 4. Clear excess embers until a minimum gap of 1/2" remains under grate

PARTS

MODEL	CATALOG NO.	DESCRIPTION
DRT4036TEN	F2280	36"V Natural HER White Brick
DRT4036TEP	F2281	36"V Natural STK White Brick
DRT4036TEN	F2282	36"V Propane HER White Brick
DRT4036TEP	F2283	36"V Propane STK White Brick

MODEL	CATALOG NO.	DESCRIPTION
DRT4042TEN	F2284	42"V Natural HER White Brick
DRT4042TEP	F2285	42"V Natural STK White Brick
DRT4042TEN	F2286	42"V Propane HER White Brick
DRT4042TEP	F2287	42"V Propane STK White Brick



PARTS

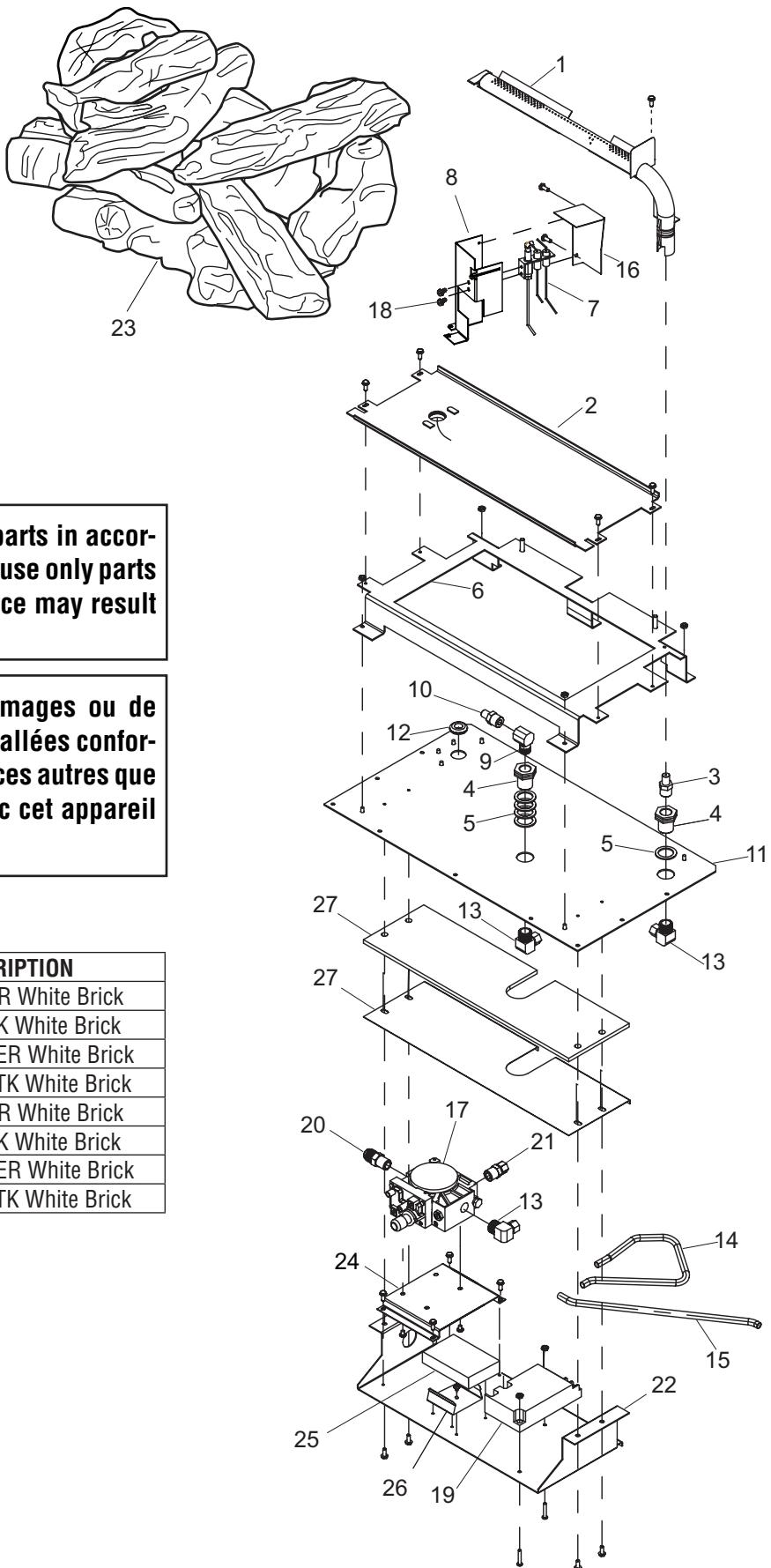
This list contains replaceable parts used in your fireplace. When ordering parts, follow the instructions listed under Replacement Parts on **Page 37** of this manual.

⚠ WARNING: Contact an IHP dealer to obtain any of these parts. Never use substitute materials not approved by IHP. Use of non-approved parts can result in poor performance and safety hazards.

KEY	CATALOG NO.	DESCRIPTION	DRT4036TEN (F2280 & F2281)	DRT4036TEP (F2282 & F2283)	DRT4042TEN (F2284 & F2285)	DRT4042TEP (F2286 & F2287)	QTY.
1	J7641	Door Assembly, 36"	•	•	•	•	1
	J7642	Door Assembly, 42"					1
2	J7673	Bottom Door Assembly, 36"	•	•	•	•	1
	J7674	Bottom Door Assembly, 42"					1
3	**	Face Assembly, 36"	•	•	•	•	1
	**	Face Assembly, 42"					1
4	**	Spacer, Clearance	•	•	•	•	3
5	**	Firebox Face	•	•	•	•	1
6	J7649	Hearth Assembly, 36" NG	•				1
	J7650	Hearth Assembly, 36" Propane/LP		•			1
	J7652	Hearth Assembly, 42" NG			•		1
	J7653	Hearth Assembly, 42" Propane/LP				•	1
	J7654	Hearth Assembly, 36" NG, High Altitude	•	•			1
	J7655	Hearth Assembly, 42" NG, High Altitude			•	•	1
7	J7656	Grate, 36"	•	•			1
	J7657	Grate, 42"			•	•	1
8	J7658	Door Latch	•	•	•	•	2
9	**	Firebox Leg	•	•	•	•	4
10	**	Firebox Bottom	•	•	•	•	1
11	J7659	Gasket, 36"	•	•			1
	J7660	Gasket, 42"			•	•	1
12	J7661	Draft Diverter	•	•	•	•	1
13	**	Air Exchange	•	•	•	•	1
14	**	5" Gasket	•	•	•	•	1
15	**	5" Inner Connector	•	•	•	•	1
16	**	A/E Insulation	•	•	•	•	1
17	**	Firebox Surround	•	•	•	•	1
18	**	Firebox Top	•	•	•	•	1
19	**	Relief Assembly	•	•	•	•	2
20	**	Relief Bracket	•	•	•	•	4
21	**	Top Plenum			•	•	1
22	**	Rear Plenum			•	•	1
23	**	5" Gasket	•	•	•	•	1
24	**	Connector, 8" x 3.25"	•	•	•	•	1
25	**	36" Fireplace Surround	•	•			1
	**	42" Fireplace Surround			•	•	1
26	J7662	Electrical Duct Assembly	•	•	•	•	1
27	**	Fireplace Handle	•	•	•	•	4
28	**	Refractory Retainer	•	•	•	•	3
29	J7663	Top Spacer	•	•	•	•	4
30	**	Top Insulation	•	•	•	•	1
31	**	Fireplace Top	•	•			1
32	**	Hearth Side Spacer	•	•	•	•	2,3
33	**	Hearth Front Spacer	•	•			1
34	J7664	Log #1	•	•	•	•	1
35	J7665	Log #2			•	•	1
36	J7466	Log #3			•	•	1
37	J7667	Draft Shield 36"	•	•			1
	J7668	Draft Shield 42"			•	•	1
38	J7669	Rail, Barrier 36"	•	•			1
	J7670	Rail, Barrier 42"			•	•	1
39	J7450	Barrier, 36"	•	•			1
	J7456	Barrier, 42"			•	•	1
40	J7671	Retainer, Safety Barrier	•	•	•	•	2

**Not a field replaceable part.

PARTS



⚠ 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.

⚠ AVERTISSEMENT. Risque de dommages ou de blessures si les pièces ne sont pas installées conformément à ces schémas et ou si des pièces autres que celles spécifiquement approuvées avec cet appareil sont utilisées.

MODEL	CATALOG NO.	DESCRIPTION
DRT4036TEN	F2280	36"V Natural HER White Brick
DRT4036TEP	F2281	36"V Natural STK White Brick
DRT4036TEN	F2282	36"V Propane HER White Brick
DRT4036TEP	F2283	36"V Propane STK White Brick
DRT4042TEN	F2284	42"V Natural HER White Brick
DRT4042TEP	F2285	42"V Natural STK White Brick
DRT4042TEN	F2286	42"V Propane HER White Brick
DRT4042TEP	F2287	42"V Propane STK White Brick

PARTS

BURNER ASSEMBLY

This list contains replaceable parts used in your fireplace. When ordering parts, follow the instructions listed under Replacement Parts on **Page 37** of this manual. This table uses catalog numbers for clarity on models.

⚠ WARNING: Contact an IHP dealer to obtain any of these parts. Never use substitute materials not approved by IHP. Use of non-approved parts can result in poor performance and safety hazards.

KEY NO.	CATALOG NO.	DESCRIPTION	DRT4036TEN (F2280 & F2281)	DRT4036TEP (F2282 & F2283)	DRT4042TEN (F2284 & F2285)	DRT4042TEP (F2286 & F2287)	QTY.
1	J7683	Burner Tube, 36"	•	•	•	•	1
	J7684	Burner Tube, 42"					1
2	**	Front Burner Assembly	•	•	•	•	1
3	J7685	Rear Orifice, #47 NG	•				1
	J7686	Rear Orifice, #56 Propane/LP		•		•	1
	J7687	Rear Orifice, #44 NG			•		1
	J7688	Rear Orifice, #55 Propane/LP				•	1
4	J7889	Bulkhead Fitting	•	•	•	•	2
5	J7692	Washer, Flt 7/8"x1 1/4" OD	•	•	•	•	5
6	**	Log/Burner Base	•	•	•	•	1
7	J7840	Pilot, NG	•		•		1
	J7841	Pilot, Propane/LP		•		•	1
8	**	Pilot Shield	•	•	•	•	1
9	J7696	Elbow, Street 3/8"	•	•	•	•	1
10	J7697	Front Orifice, #47 NG	•				1
	J7698	Front Orifice, #56 Propane/LP		•			1
	J7699	Front Orifice, #42 NG			•		1
	J7698	Front Orifice, #56 Propane/LP				•	1
11	**	Base	•	•	•	•	1
12	J7700	Grommet SC 1/2" ID 1 1/16" OD	•	•	•	•	1
13	J7701	90° Brass Elbow 3/8" Tube x 3/8" NPT	•	•	•	•	3
14	J7720	Flextube Dormont, 3/8" Dia. x 11"	•	•	•	•	1
15	J7723	Flextube Dormont, 3/8" Dia. x 24"	•	•	•	•	1
16	**	Pilot Bracket	•	•	•	•	1
17	J7912	Gas Valve, NG	•		•		1
	J7942	Gas Valve, LP		•		•	1
18	J7777	Screw, 10-24 x 0.375" Self Thread	•	•	•	•	2
19	J7778	Control Module	•	•	•	•	1
20	J7780	Connector, 3/8" Tube x 3/8" MPT	•	•	•	•	1
21	J7781	Brass Fitting 1/2" Flare x 3/8" MPT	•	•	•	•	1
22	J7782	Valve/Module Bracket	•	•	•	•	1
23	**	Log Assembly, 36"	•	•			1
	**	Log Assembly, 42"			•	•	1
24	J7783	Valve Bracket	•	•	•	•	1
25	J7784	Battery Backup	•	•	•	•	1
26	J7786	Battery Backup Bracket	•	•	•	•	1
27	J7787	Plate Heatsheild	•	•	•	•	1
PARTS AVAILABLE NOT SHOWN							
	J7770	Ember Flakes Kit	•	•	•	•	1
	J7122	Glowing Embers (rockwool)	•	•	•	•	1
	80L42	Volcanic stone	•	•	•	•	1
	J7773	Log Scrap Kit	•	•	•	•	1
	J7911	Remote Control	•	•	•	•	1
	J8041	30" Flex Line	•	•	•	•	1
	J7913	Wire Harness	•	•	•	•	1
	J7790	AC Adaptor (Power Cord)	•	•	•	•	1

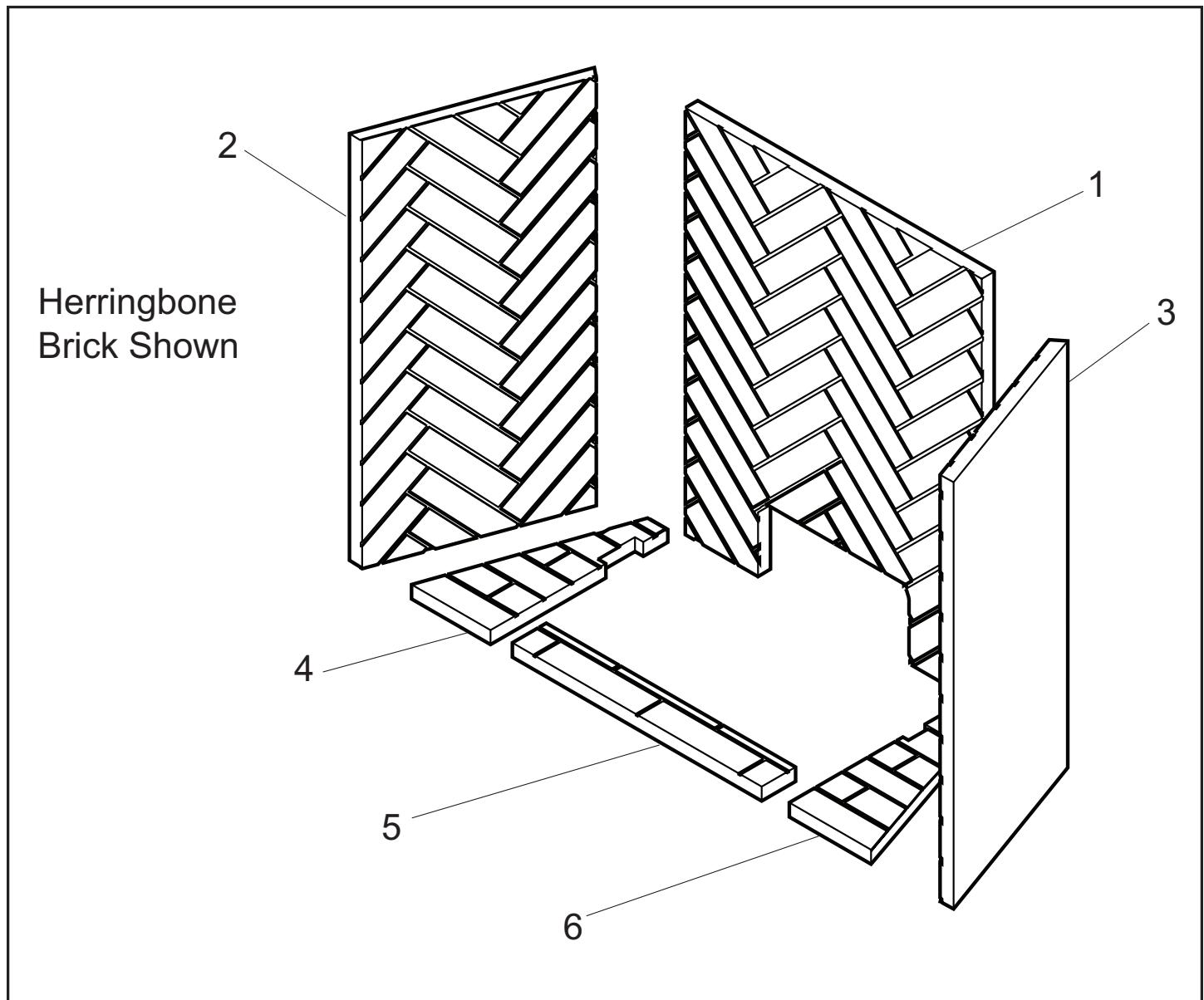
**Not a field replaceable part.

PARTS

REFRACTORY PARTS

MODEL	CATALOG NO.	DESCRIPTION
DRT4036TEN	F2280	36"V Natural HER White Brick
DRT4036TEP	F2281	36"V Natural STK White Brick
DRT4036TEN	F2282	36"V Propane HER White Brick
DRT4036TEP	F2283	36"V Propane STK White Brick

MODEL	CATALOG NO.	DESCRIPTION
DRT4042TEN	F2284	42"V Natural HER White Brick
DRT4042TEP	F2285	42"V Natural STK White Brick
DRT4042TEN	F2286	42"V Propane HER White Brick
DRT4042TEP	F2287	42"V Propane STK White Brick



PARTS

REFRACTORY PARTS

KEY NO.	CATALOG NO.	DESCRIPTION	DRT4042 (H-Bone) (F2284 & F2286)	DRT4036 (H-Bone) (F2280 & F2282)	DRT4042 (Stacked) (F2285 & F2287)	DRT4036 (Stacked) (F2281 & F2283)	QTY.
1	J7809	Rear Refractory, Herringbone 42" White	•				1
	J7810	Rear Refractory, Herringbone 36" White		•			1
	J7811	Rear Refractory, Stacked 42" White			•		1
	J7812	Rear Refractory, Stacked 36" White				•	1
2	J7813	Left Refractory, Herringbone 42" White	•				1
	J7814	Left Refractory, Herringbone 36" White		•			1
	J7815	Left Refractory, Stacked 42" White			•		1
	J7816	Left Refractory, Stacked 36" White				•	1
3	J7817	Right Refractory, Herringbone 42" White	•				1
	J7818	Right Refractory, Herringbone 36" White		•			1
	J7819	Right Refractory, Stacked 42" White			•		1
	J7820	Right Refractory, Stacked 36" White				•	1
4	J7821	Left Front Refractory 42" White	•		•		1
	J7822	Left Front Refractory 36" White		•		•	1
5	J7823	Center Front Refractory 42" White	•		•		1
	J7824	Center Front Refractory 36" White		•		•	1
6	J7825	Right Front Refractory 42" White	•		•		1
	J7826	Right Front Refractory 36" White		•		•	1

SPECIFICATIONS

DRT4036TEN

- Rating: 33,500 Btu/hr
- Gas Type: Natural Gas Only
- Ignition: Electronic
- Manifold Pressure: 3.5" W.C.
- Minimum Inlet Supply Pressure: 5" W.C.
- Maximum Inlet Supply Pressure: 10.5" W.C.
- Front Orifice: #47
- Rear Orifice: #47

DRT4042TEN

- Rating: 41,000 Btu/hr
- Gas Type: Natural Gas Only
- Ignition: Electronic
- Manifold Pressure: 3.5" W.C.
- Minimum Inlet Supply Pressure: 5" W.C.
- Maximum Inlet Supply Pressure: 10.5" W.C.
- Front Orifice: #42
- Rear Orifice: #44

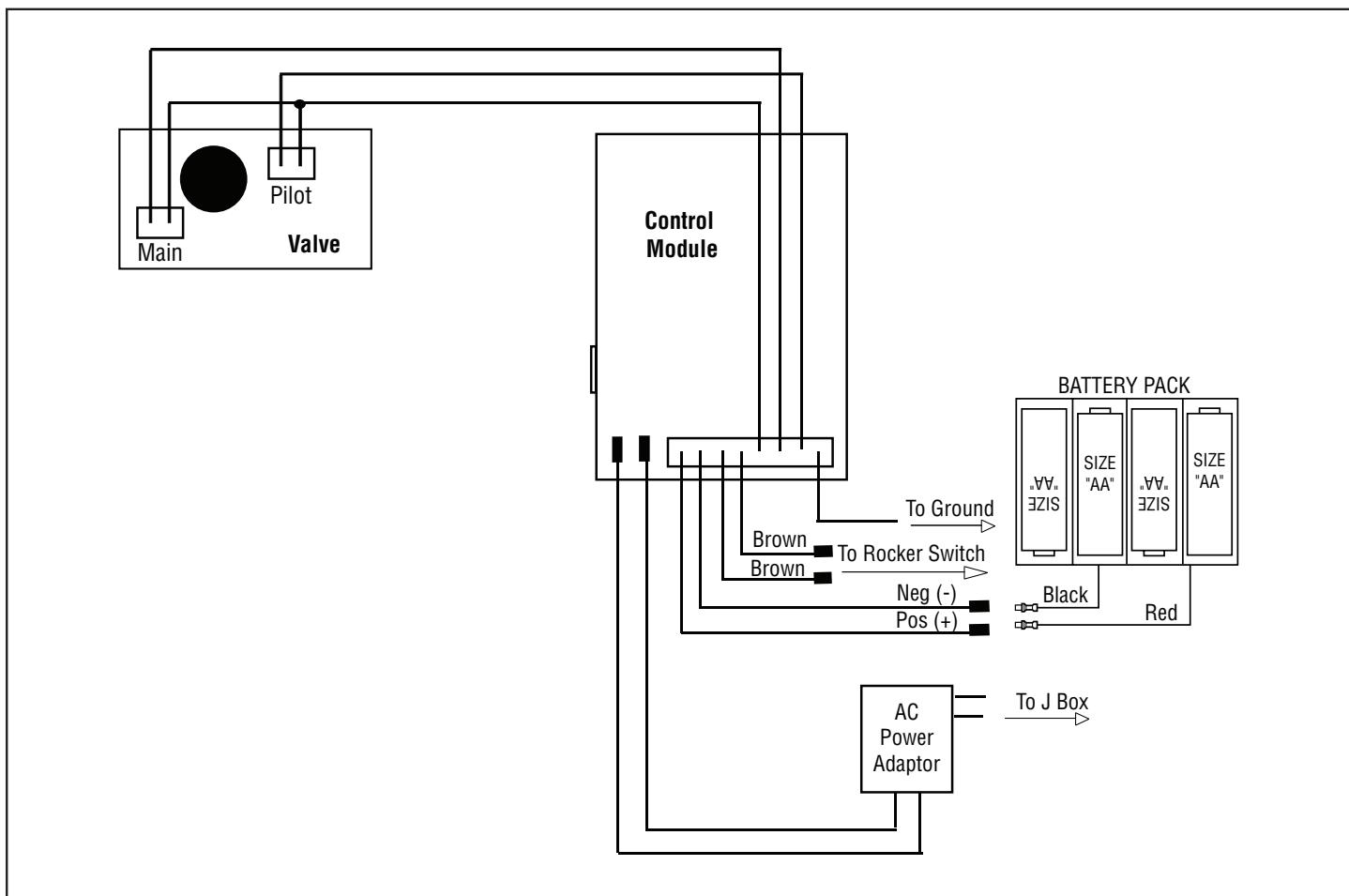
DRT4036TEP

- Rating: 31,000 Btu/hr
- Gas Type: Propane/LP Gas Only
- Ignition: Electronic
- Manifold Pressure: 10" W.C.
- Minimum Inlet Supply Pressure: 11" W.C.
- Maximum Inlet Supply Pressure: 13" W.C.
- Front Orifice: #56
- Rear Orifice: #56

DRT4042TEP

- Rating: 37,000 Btu/hr
- Gas Type: Propane/LP Gas Only
- Ignition: Electronic
- Manifold Pressure: 10.0" W.C.
- Minimum Inlet Supply Pressure: 11" W.C.
- Maximum Inlet Supply Pressure: 13" W.C.
- Front Orifice: #56
- Rear Orifice: #55

WIRING DIAGRAM



TECHNICAL SERVICE

You may have further questions about installation, operation, or troubleshooting. Please contact your IHP dealer for any questions or concerns a. When contacting your dealer please have your model and serial numbers of your fireplace ready. You can also visit our web site at SuperiorFireplaces.us.com.

REPLACEMENT PARTS

See **Pages 30 to 35** for a complete replacement parts list. Use only parts supplied from the manufacturer.

Normally, all parts should be ordered through your IHP distributor or dealer. Parts will be shipped at prevailing prices at time of order.

When ordering repair parts, always give the following information:

1. The model number of the fireplace.
2. The serial number of the fireplace.
3. The part number.
4. The description of the part.

5. The quantity required.
6. The installation date of the fireplace.

If you encounter any problems or have any questions concerning the installation or application of this fireplace, please contact your dealer.

IHP

1769 East Lawrence Street

Russellville, AL 35654

Visit us at SuperiorFireplaces.us.com

SERVICE HINTS

When Gas Pressure Is Too Low

- pilot will not stay lit
- burners will have delayed ignition
- fireplace will not produce specified heat
- propane/LP gas supply might be low (propane/LP units only)

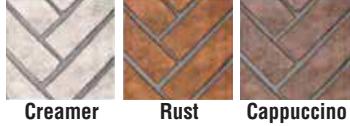
You may feel your gas pressure is too low. If so, contact your local gas supplier.

ACCESSORIES

Purchase these appliance accessories from your local dealer. If they can not supply these accessories, contact IHP at SuperiorFireplaces.us.com for referral information. You can also write to the address listed on the back Page of this manual.

Only kits supplied by IHP shall be used in the installation of this appliance. Use of non-approved accessory/part kit(s) can result in poor performance and safety hazards.

NOTICE: All accessories may not be available for all fireplace models.

CAT NO.	MODEL	DESCRIPTION		
PROPANE/NATURAL GAS CONVERSION KIT				
F1102	PCD-365	36" Sentinel/DRT4036, Kit Gas Conversion - NG to LP	(Not Shown)	
F1103	NCD-365	36" Sentinel/DRT4036I Kit Gas Conversion - LP to NG		
F1104	PCD-425	42" Sentinel/DRT4042, Kit Gas Conversion - NG to LP		
F1105	NCD-425	42" Sentinel/DRT4042I, Kit Gas Conversion - LP to NG		
TOUCH-UP PAINT KITS				
F3373	---	Black touch-up paint, firebox interior		
F1882	SCTPSAB	Black touch-up paint, powder coat exterior		
DUAL BLOWER KIT				
F2661	LPDBK2	Dual Blower Kit	(Not Shown)	
REFRACTORY STAIN KITS				
Use the refractory stain kits to give white refractory panels a new look. Kit includes foam roller handle, paint tray, and one can of stain. Available stain colors are creamer (ivory), Rust (terra cotta), and Cappuccino (rosy taupe).				
H8176	BSK-CR	Stain Kit (Rfry) 1 Qt. Creamer	 	
H8177	BSK-RT	Stain Kit (Rfry) 1 Qt. Rust		
H8178	BSK-CP	Stain Kit (Rfry) 1 Qt. Cappuccino		

NOTES

Innovative Hearth Products

Superior® Brand Gas Fireplaces, Stoves and Inserts

20 Year Limited Warranty

THE WARRANTY

Innovative Hearth Products ("IHP") 20 Year Limited Warranty warrants your Superior® Brand gas fireplace, Stove or Insert ("Product") to be free from defects in materials and workmanship at the time of manufacture. The product body, firebox and barrier carry the 20 Year Limited Warranty. Ceramic glass carries the 20 Year Limited Warranty against thermal breakage only. After installation, if covered components manufactured by IHP are found to be defective in materials or workmanship during the 20 Year Limited Warranty period and while the Product remains at the site of the original installation, IHP will, at its option, repair or replace the covered components. If repair or replacement is not commercially practical, IHP will, at its option, refund the purchase price or wholesale price of the IHP product, whichever is applicable. IHP will also pay IHP prevailing labor rates, as determined in its sole discretion, incurred in repairing or replacing such components for up to five years. THERE ARE EXCLUSIONS AND LIMITATIONS to this 20 Year Limited Warranty as described herein.

COVERAGE COMMENCEMENT DATE

Warranty coverage begins on the date of purchase. In the case of new home construction, warranty coverage begins on the date of first occupancy of the dwelling or six months after the sale of the Product by an independent IHP dealer/distributor, whichever occurs earlier. The warranty shall commence no later than 24 months following the date of product shipment from IHP, regardless of the installation or occupancy date.

EXCLUSIONS AND LIMITATIONS

This 20 Year Limited Warranty applies only if the Product is installed in the United States or Canada and only if operated and maintained in accordance with the printed instructions accompanying the Product and in compliance with all applicable installation and building codes and good trade practices.

This warranty is non-transferable and extends to the original owner only. The Product must be purchased through a listed supplier of IHP and proof of purchase must be provided. The product body, firebox and barrier carry the 20 Year Limited Warranty from the date of installation. Vent components, trim components and paint are excluded from this 20 Year Limited Warranty. The following do not carry the 20 Year Limited Warranty but are warranted as follows:

- Burner** – Repair or replacement for one year from the date of installation
- Gas components** – Repair or replacement for one year from the date of installation
- Gaskets** – Repair or replacement for one year from the date of installation
- Logs** – Replacement for one year from the date of installation against thermal breakage only
- Optional blowers & remote controls** – Repair or replacement for one year from the date of installation
- Optional glass doors** – Repair or replacement for 90 days from the date of installation
- Tempered glass** - Replacement for one year from the date of installation
- Labor coverage** – Prevailing IHP labor rates apply for the warranty period of the component

Parts not otherwise listed carry a 90 day warranty from the date of installation.

Whenever practicable, IHP will provide replacement parts, if available, for a period of 10 years from the last date of manufacture of the Product.

IHP will not be responsible for: (a) damages caused by normal wear and tear, accident, riot, fire, flood or acts of God; (b) damages caused by abuse, negligence, misuse, or unauthorized alteration or repair of the Product affecting its stability or performance (The Product must be subjected to normal use. The Product is designed to burn either natural or propane gas only. Burning conventional fuels such as wood, coal or any other solid fuel will cause damage to the Product, will produce excessive temperatures and could result in a fire hazard.); (c) damages caused by failing to provide proper maintenance and service in accordance with the instructions provided with the Product; (d) damages, repairs or inefficiency resulting from faulty installation or application of the Product.

IHP is not responsible for inadequate fireplace system draft caused by air conditioning and heating systems, mechanical ventilation systems, or general construction conditions which may generate negative pressure in the room in which the appliance is installed. Additionally IHP assumes no responsibility for drafting conditions caused by venting configurations, adjoining trees or buildings, adverse wind conditions or unusual environmental factors and conditions that affect the operation of the unit.

This 20 Year Limited Warranty covers only parts and labor as provided herein. In no case shall IHP be responsible for materials, components or construction, which are not manufactured or supplied by IHP or for the labor necessary to install, repair or remove such materials, components or construction. Additional utility bills incurred due to any malfunction or defect in equipment are not covered by this warranty. All replacement or repair components will be shipped F.O.B. from the nearest stocking IHP factory.

LIMITATION ON LIABILITY

It is expressly agreed and understood that IHP's sole obligation and the purchaser's exclusive remedy under this warranty, under any other warranty, expressed or implied, or in contract, tort or otherwise, shall be limited to replacement, repair, or refund, as specified herein.

In no event shall IHP be liable for any incidental or consequential damages caused by defects in the Product, whether such damage occurs or is discovered before or after repair or replacement, and whether such damage is caused by IHP's negligence. IHP has not made and does not make any representation or warranty of fitness for a particular use or purpose, and there is no implied condition of fitness for a particular use or purpose.

IHP makes no expressed warranties except as stated in this 20 Year Limited Warranty. The duration of any implied warranty is limited to the duration of this expressed warranty.

No one is authorized to change this 20 Year Limited Warranty or to create for IHP any other obligation or liability in connection with the Product. Some states and provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you. The provisions of this 20 Year Limited Warranty are in addition to and not a modification of or subtraction from any statutory warranties and other rights and remedies provided by law.

INVESTIGATION OF CLAIMS AGAINST WARRANTY

IHP reserves the right to investigate any and all claims against this 20 Year Limited Warranty and to decide, in its sole discretion, upon the method of settlement.

To receive the benefits and advantages described in this 20 Year Limited Warranty, the appliance must be installed and repaired by a licensed contractor approved by IHP.

Contact IHP at the address provided herein to obtain a listing of approved dealers/distributors. **IHP shall in no event be responsible for any warranty work done by a contractor that is not approved without first obtaining IHP's prior written consent.**

HOW TO REGISTER A CLAIM AGAINST WARRANTY

In order for any claim under this warranty to be valid, you must contact the IHP dealer/distributor from which you purchased the product. If you cannot locate the dealer/distributor, then you must notify IHP in writing. IHP must be notified of the claimed defect in writing within 90 days of the date of failure. Notices should be directed to the IHP Warranty Department at 1769 East Lawrence Street; Russellville, AL 35654 or visit our website at WWW.SUPERIORFIREPLACES.US.COM.

SuperiorFireplaces.us.com

Record the following important information about your fireplace:

Fireplace model number	
Fireplace serial number	
Date fireplace was Installed	
Type of gas fireplace uses	
Dealer name	

Innovative Hearth Products (IHP) reserves the right to make changes at any time, without notice, in design, materials, specifications, prices and also to discontinue colors, styles and products. Consult your local distributor for fireplace code information.

