astria FIREPLACES®

# Installation and Operation Instructions

## Venice Lights™ Direct-Vent Linear Gas Fireplace

P/N 126727-01 REV. N 04/2020

Ce manuel est disponible en francais, simplement en faire la demande. Numéro de la pièce 126727-02.

P126727-01

PFS C US

Report No. F11 -026

### Models

| | |
|---|---|
| VeniceLights43TEN | VeniceLights43TEP |

| | |
|---|---|
| **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 réglements locaux le permettent. Ce appareil doit être utilisé uniquement avec le type de gaz indiqué sure la plaque signalétique. Cet appareil ne peut être converti à d'autres gaz, sauf si une trousse de conversion est utilsée.**

**⚠ 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 utilizer 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 aucan 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 incindies.**
- **L'installation et l'entretien doivent être assurés par un installateur ou un service d'entretien qualifié ou par le fournisseur de gaz.**

NOTE: DIAGRAMS AND ILLUSTRATIONS THROUGHOUT THE MANUAL ARE NOT TO SCALE.

## SAFETY AND YOUR FIREPLACE

See attached color flyer for proper color representation

# DANGER



**HOT GLASS** WILL CAUSE BURNS.

**DO NOT TOUCH** GLASS UNTIL COOLED.

**NEVER** ALLOW CHILDREN TO TOUCH GLASS.

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

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

# DANGER



**VITRE CHAUDE** RISQUE DE BRÛLURES.

**NE TOUCHEZ PAS** UNE VITRE NON REFROIDIE.

**NE LAISSEZ JAMAIS** UN ENFANT DE TOUCHER LA VITRE.

**L'écran pare-étincelles fourni avec ce foyer réduit le risque de brûlure en cas de contact accidentel avec la vitre chaude et doit être installé pour la protection Des enfants et Des personnes à risques.**

Vea el volante adjunto para la representación de color adecuado

# PELIGRO



**EL VIDRIO CALIENTE** CAUSARÁ QUEMADURAS.

USTED DEBE **NUNCA TOCAR** EL VIDRIO CALIENTE.

LOS NIÑOS DEBEN **NUNCA** TOCAR EL VIDRIO.

**Se provee con este aparato una barrera de proteccion (malla), diseñada para reducir el riesgo de quemaduras por contacto accidental con el vidrio caliente que debe estar instalada para proteccion de infantes y otros individuos en riesgo.**

## *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 34**).

☐ Read **Important Safety Information** (**Page 4**).

[ENGLISH]

## *La sécurité et votre foyer*

**Toutes les parties de votre foyer IHP deviennent EXTRÊMEMENT 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 EXTRÊMEMENT CHAUDES !**
- **La vitre située à l'avant du foyer atteint des températures EXTRÊMEMENT 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 34**).

☐ Lisez **L'information de sûreté importante** (**Page 4**).

[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 34**).

☐ Lea **Información importante de seguridad** (**página 4**).

[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.**

## TABLE OF CONTENTS


Safety and Your Fireplace....2
Local Codes....7
Product Identification....7
Product Features....8
Requirements for the Commonwealth of Massachusetts....8
Pre-installation....9
Location of Termination Cap....12
Venting Installation....13
Fireplace Installation....25
Installer - Attaching Safety In Operation Warnings....32
Operation....33
Homeowner - Attaching Safety In Operation Warnings....34
Inspecting Burners....35
Cleaning and Maintenance....36
Replacing Light Bulbs....36
Gas Control Module System....37
Remote Control Operation....37
Specifications....39
Wiring Diagram....40
Troubleshooting....41
Parts....43
Replacement Parts....47
Technical Service....47
Service Hints....47
Accessories....47
Warranty....49


## 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.**

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

**⚠ 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.**

**⚠ WARNING**

**Never connect this appliance to private (non-utility) gas wells. This gas is commonly known as wellhead gas and does not have odorants and may have impurities, and variations in BTU content. The use of well-head gas will void the manufacturer's warranty to this appliance.**

**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.**

**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 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.**

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.**

# 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 36*.

## 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 systéme 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'enflamment.
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 36*.

## 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 compartimientos de control, los quemadores y los pasajes de circulación del aire del artefacto. Ver las instrucciones de mantenimiento en la *página 36*.

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.

**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.**

**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
   - 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 36***.
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 with glass door removed, cracked or broken.
11. Provide adequate clearances around air openings.

## LOCAL CODES

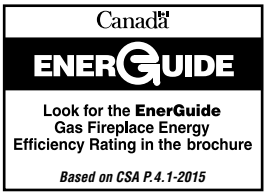
nstall and use fireplace with care. Follow all local codes. In the absence to local codes, use the current National Fuel Gas Code ANSI Z223.1/NFPA 54* (USA) or the current CSA-B149.1 Installation Code (Canada).

*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 PFS TECO to ANSI Z21.50/CSA 2.22 standard as vented gas fireplace and applicable sections of Z21.97 standard for outdoor decorative gas appliance (When installed as a see-thru unit using outdoor kit model LDSTO).

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

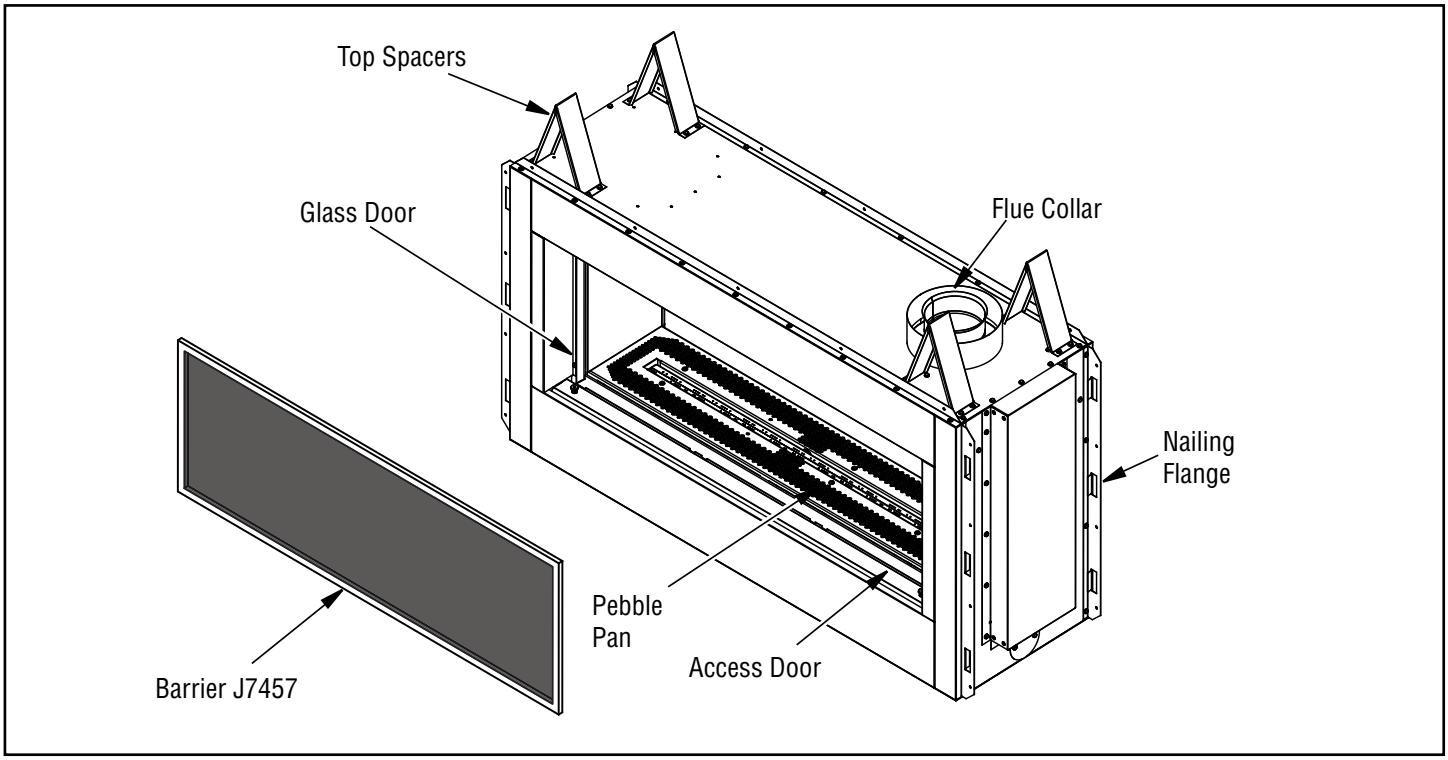



***Figure 1 - VeniceLights43 Linear Fireplace***

## 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. 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 6, Page 11**)*.
- 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 7, Page 12***.
- 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 <u>any</u> 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.

## CLEARANCES

Minimum clearances to combustibles for the fireplace are as follows:

| | |
|---|---|
| *Back and sides | 1" (26 mm) |
| Perpendicular walls | 8" (204 mm) |
| Floor (From bottom of Fireplace) | 0" (0 mm) |
| Ceiling (From bottom of Fireplace) | 63" (1601 mm) |
| Top of Enclosure (From bottom of Fireplace) | 63" (1601 mm) |
| Top of Standoffs | 0" (0 mm) |
| Vent | 1" (26 mm) |

(See venting instructions for specific venting clearances.)

* For back and sides of fireplace, do not pack with insulation or other materials.

### Hearth Extension

A hearth extension is not required with this fireplace. Any hearth extension used is for appearance only and does not have to conform to standard hearth extension installation requirements.

**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

**<u>Choose framing application accordingly. *Figure 2, Page 10* shows typical one sided framing. *Figure 3, Page 10* shows framing for see-thru installation</u>. *NOTE:*** Kits F2312 and F2313 are required for see-thru application *(See upgrading venicelights43 to indoor/outdoor see-thru application, **Page 31**)*.

All minimum clearances must be met. Vent pipe needs to maintain 1" clearance. Steel framing may be necessary or wood studs may be notched. Concrete board is provided for facing around the fireplace as shown in ***Figure 4, Page 10***.

If you are using a separate combustible mantel piece, refer to ***Figure 5, Page 10*** for proper installation height. You can install noncombustible mantels at any height above the fireplace.

***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.**

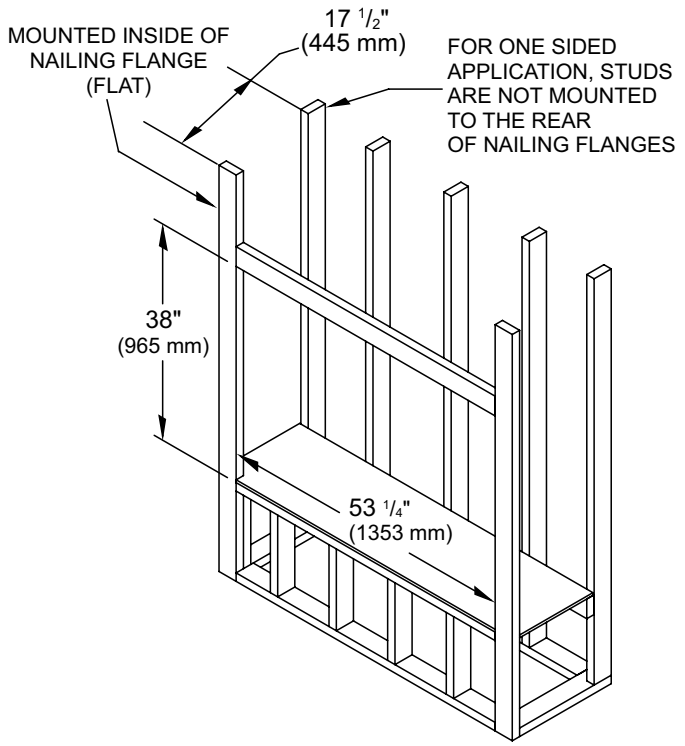
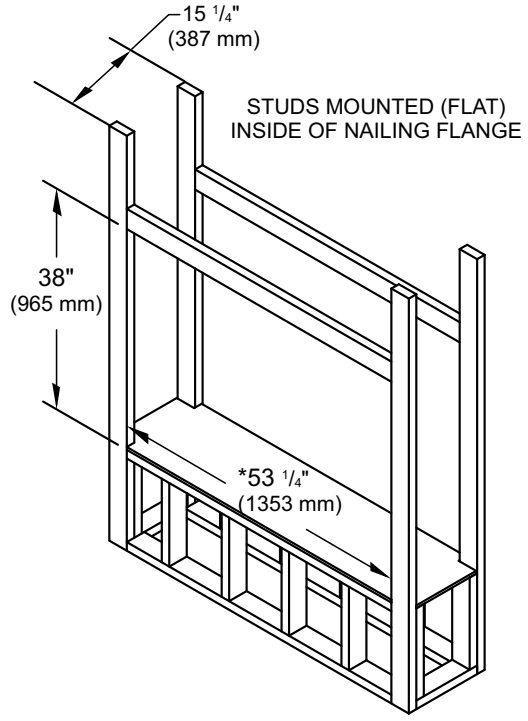



***Figure 2 - Framing Clearances for One Sided Application***




*Please refer to overall fireplace width *(**Figure 6, Page 11**)* before rough framing construction.

***Figure 3 - Framing Clearances for See-Thru Application***

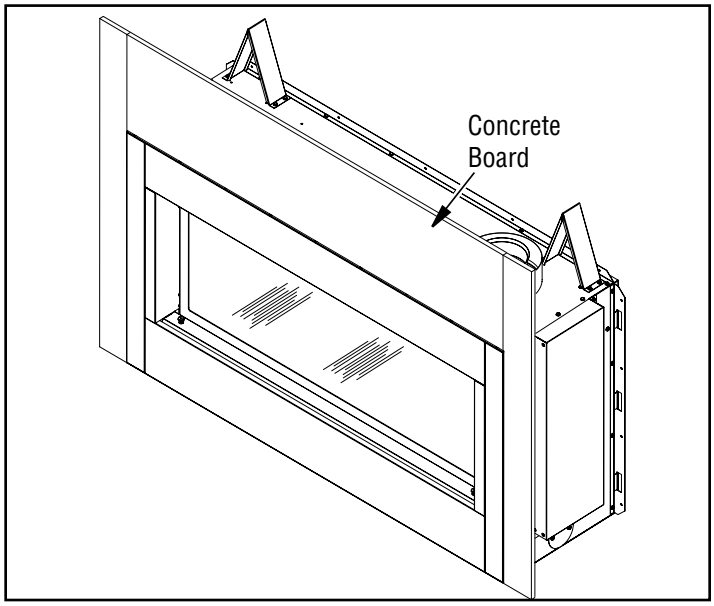
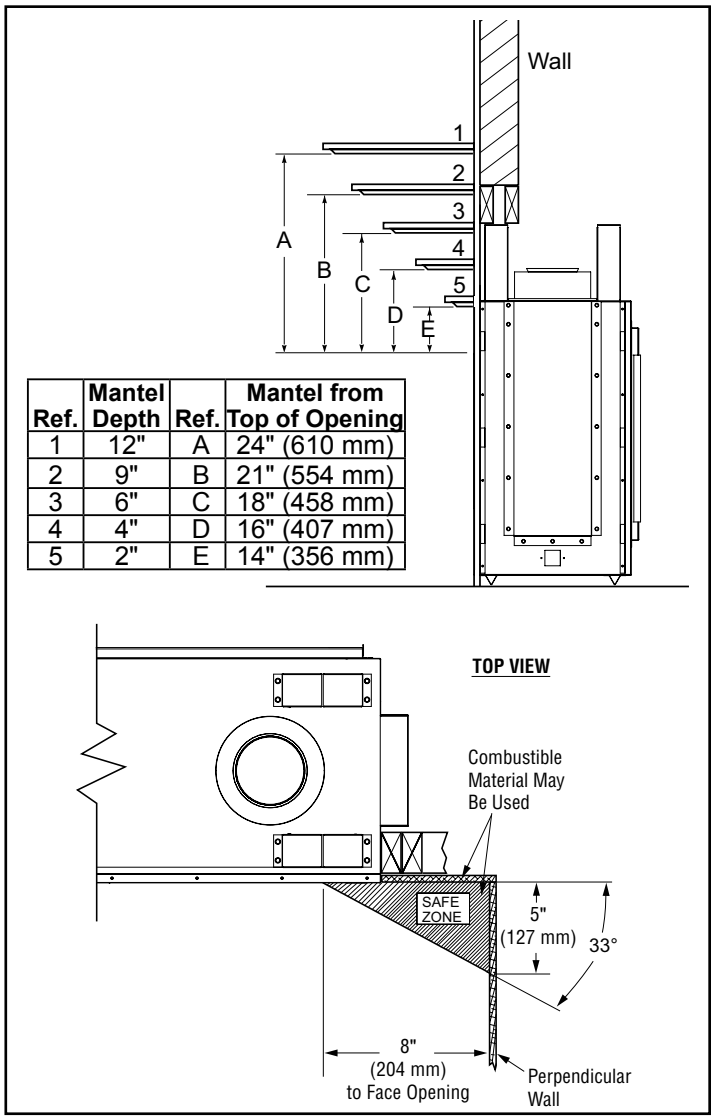



***Figure 4 - Installing Concrete Board***




| Ref. | Mantel Depth | Ref. | Mantel from Top of Opening |
|---|---|---|---|
| 1 | 12" | A | 24" (610 mm) |
| 2 | 9" | B | 21" (554 mm) |
| 3 | 6" | C | 18" (458 mm) |
| 4 | 4" | D | 16" (407 mm) |
| 5 | 2" | E | 14" (356 mm) |

***Figure 5 - Clearances for Combustible Mantels***

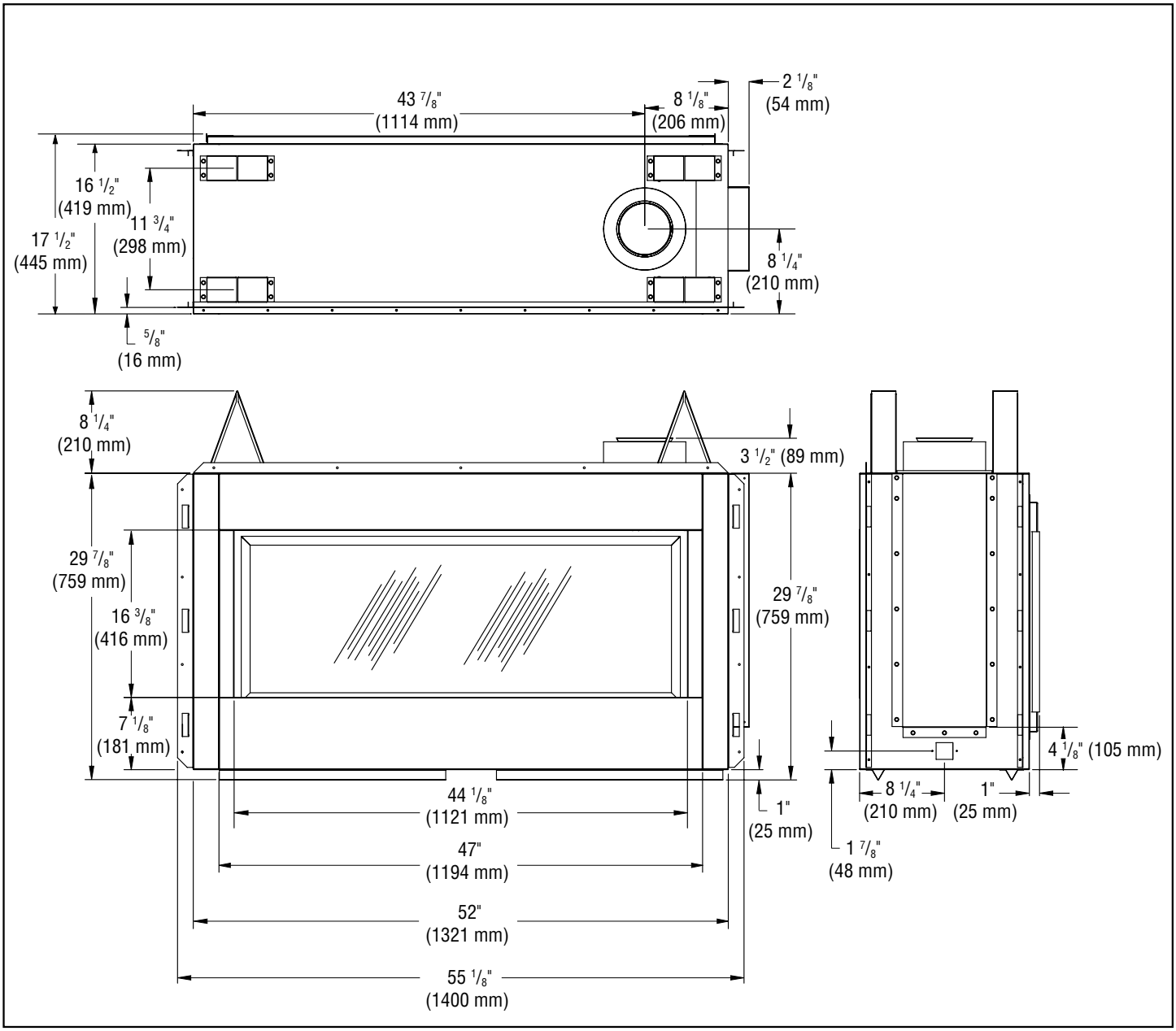
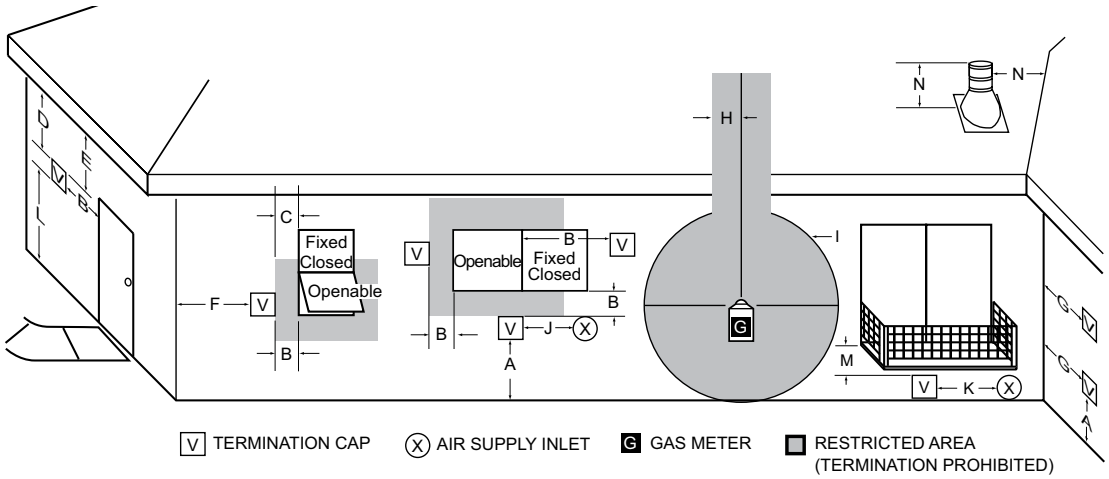



***Figure 6 - VeniceLights43 Fireplace Series Dimensions***

## LOCATION OF TERMINATION CAP




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

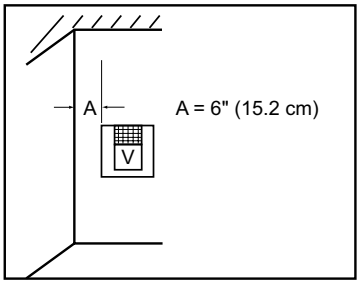
A = clearance above grade, veranda, porch, deck, or balcony [*12" (30.5 cm) minimum]
B = clearance to window or door that may be opened [6" (15 cm) min. for 10,000 Btu or less; 9" (23 cm) in US if between 10,000 and 50,000, 12" (30 cm) in Canada if between 10,000 and 100,000; 12" (30 cm) in US if greater 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 balconey 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.

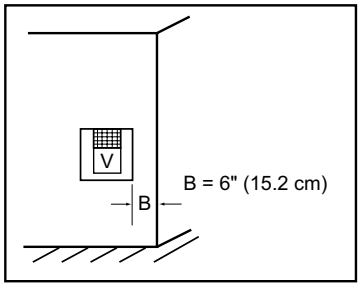
*Note: Local codes or regulations may require different clearances*

**Termination Clearances for Buildings with Combustible and Noncombustible Exteriors**

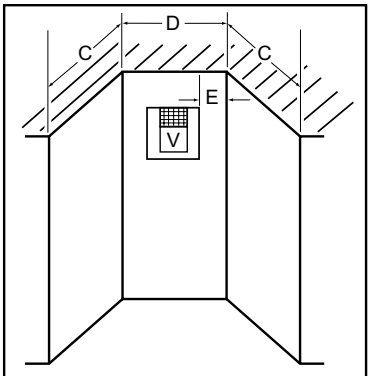
**Inside Corner**




**Outside Corner**

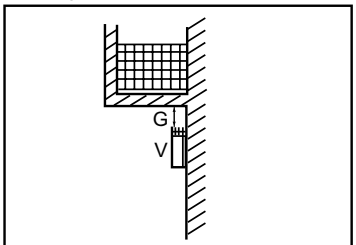



**Recessed Location**




C = Maximum depth of 48" (121.9 cm) for recessed location
D = Minimum width for back wall of recessed location -
Combustible - 38" (965 mm)
Noncombustible - 24" (61 cm)
E = Clearance from corner in recessed location-
Combustible - 6" (15.2 cm)
Noncombustible - 2" (5.1 cm)

**Balcony with No Side Wall**




G = 12" (30.5 cm) minimum clearance

**Balcony with Perpendicular Side Wall**

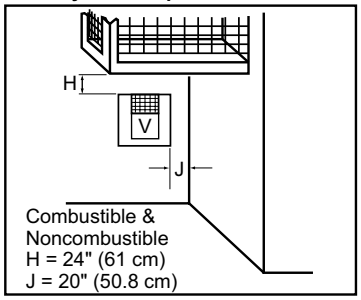



***Figure 7 - Minimum Clearances for Termination Cap***

## 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 requires 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

**Installing the Horizontal Termination Vent System**

These instructions should be used as a guideline and do not supersede local codes in any way. Install venting according to local codes, these instructions, the current National Fuel Gas Code (ANSI-Z223.1) in the USA or the current standards of CAN/CGA-B149.1 in Canada. Ensure clearances are in accordance with local installation codes and the requirements of the gas supplier.

Horizontal vent systems terminate through an outside wall. Building Codes limit or prohibit terminating in specific areas *(**Figure 7, Page 12**)*.

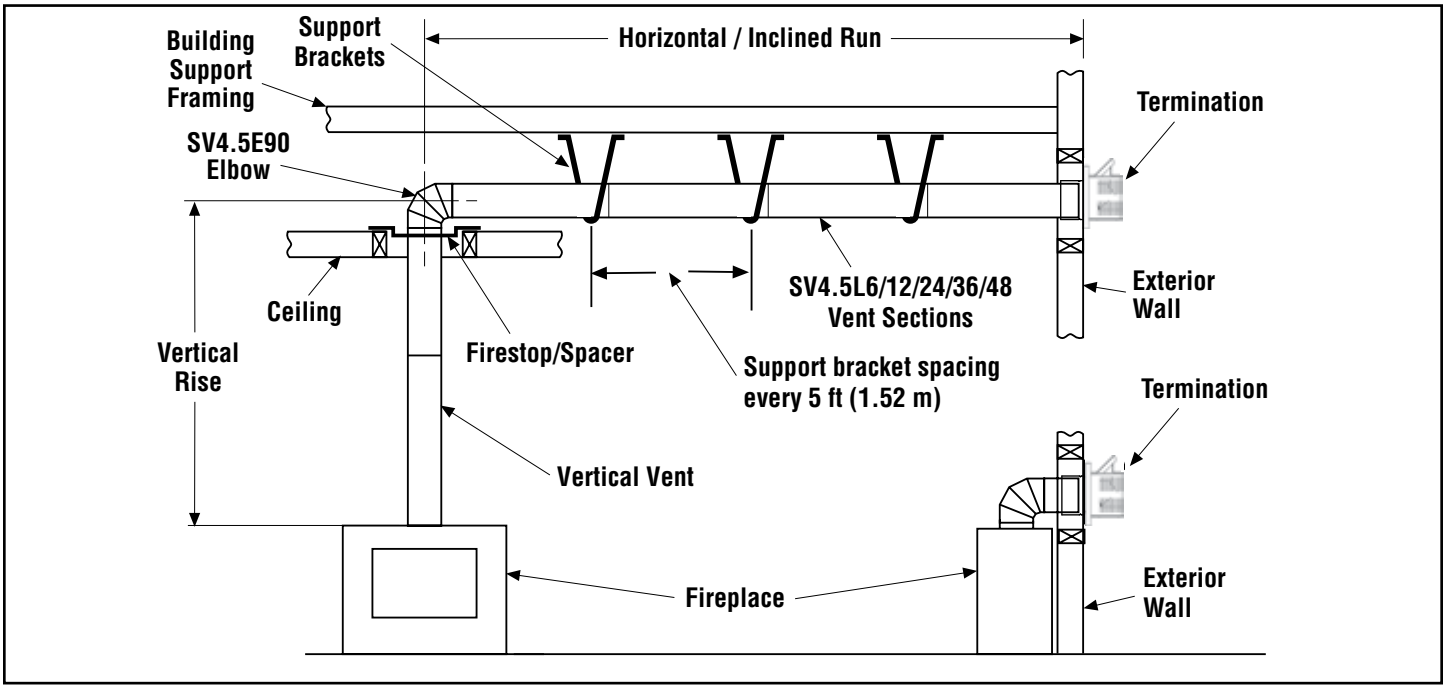



***Figure 8 - Typical Horizontal Vent Installation***

1. **Analyze the vent route and determine the number of vent sections and elbows required**—Plan the venting so that a joint does not occur in the ceiling or roof joists. Maintain the minimum clearances for combustibles *(**Page 9**)*.
2. **Frame the exterior wall opening**—Locate the center of the vent outlet on the exterior wall. Cut and/ or frame an opening, 10-1/2 x 12-1/8" (267 x 308 mm) inside dimensions, about this center.
3. **Frame the ceiling opening**—If the vertical route is to penetrate a ceiling, use plumb line to locate the center above the fireplace. Cut and/or frame an opening, 10-1/2 x 10-1/2" (267 x 267 mm) inside dimensions, about this center *(**Figure 17, Page 19**)*.
4. **Attach the vent components to the fireplace**—See Connecting the vent pipe on ***Page 17***.
5. **Attach the vent components to each other**—See Connecting the vent pipe on ***Page 17***.
6. **Install the firestop/spacer at the ceiling**—When using Rigid Pipe, use SV4.5VF firestop/spacer at ceiling joists. If there is living space above the ceiling level, the firestop/spacer must be installed on the bottom side of the ceiling.

1. If attic space is above the ceiling, the firestop/spacer must be installed on the top side of the joist. Route the vent sections through the framed opening and secure the firestop/spacer with 8d nails or other appropriate fasteners at each corner. Maintain 1" (26 mm) clearance to combustibles, framing members, and attic or ceiling insulation when running vertical chimney sections.
2. **Support fireplace vent outlet with field provided support straps (Plumber's tape)**—Attach the straps to the vent pipe and secure to the framing members with nails or screws *(**Figure 8**)*.
3. **Change vent direction**—At transition from or to a horizontal/inclined run, install SV4.5E45 or SV4.5E90 elbows in the same manner as the straight vent sections. The elbows feature a twist section to allow them to be routed about the center axis of their initial collar section to align with the required direction of the next vent run element. Twist elbow sections in a clockwise direction only so as to avoid the possibility of unlocking any of the previously connected vent sections *(**Figure 13, Page 17**)*.

1. **Continue installation of horizontal/inclined sections**—Continue with the installation of the straight vent sections in horizontal/inclined run. Install support straps every 5 ft. (1.52 m) along horizontal/inclined vent runs using conventional plumber's tape *(**Figure 8, Page 14**)*. Maintain the horizontal/inclined run in a straight (no dips), slightly elevated plane. The recommended incline is approximately 1/4" per 1 ft (20 mm per 1 m) horizontal, in a direction away from the fireplace. Smaller rise per foot run ratios are acceptable all the way to at or near level. Use a carpenter's level to measure from a constant surface and adjust the support straps as necessary. Maintain the required clearances to combustibles *(**Page 9**)*.
2. **Assemble the vent run to the exterior wall**—If not previously measured, locate the center of the vent at the exterior wall. Prepare the opening. Assemble the vent system until the terminus of the last section is within 7" (178 mm) to 11-1/4" (286 mm) inboard of the exterior surface to which the SV4.5 HT termination is to be attached *(**Figure 9**)*. If the terminus of the last section is not within this distance, use the telescopic vent section SV4.5LA, as the last vent section. ***Table 1, Page 16*** lists the additional venting components needed (in addition to the termination and adaptor) for a range of wall thicknesses.
3. **Attach the termination adaptor**—Attach the adaptor (SV4.5RCH, provided with the termination) to the vent section or telescoping vent section, elbow or fireplace collar *(**Figure 9**)*.
4. **Install the firestop/spacer at the exterior wall**—When using the square termination, install SV4.5HF Firestop/Spacer over the opening at the exterior side of the framing, long side up, with the 3" spacer clearance at the top *(**Figure 9**)* and nail into place.

   ***NOTE:*** *The firestop/spacer may also be installed over the opening at the interior side of the framing.*
1. **Install the termination (SV4.5HTSS)**—From outside the exterior wall, slide the collars of the termination onto the adaptor (the outer over the outer and the inner inside the inner) until the termination seats against the exterior wall surface to which it will be attached. Orient the housing of the termination with the arrow pointed upwards. Secure the termination to the exterior wall. The horizontal termination must not be recessed into the exterior wall or siding by more than the 1-1/4" (32 mm) *(**Figure 10, Page 16**)*.

   ***NOTE:*** *The vent termination is hot while in operation and for a period of time following the use of the fireplace. To prevent contact with hot surfaces, use a horizontal termination guard; available for purchase at your local dealer.*

The horizontal terminations have been designed to perform in a wide range of weather conditions. Our terminations meet or exceed industry standards.

When selecting the locations of your horizontal terminations, do not place the termination where water from eaves and adjoining rooflines may create a heavy flow of cascading water onto the termination cap. If the cap must be placed where the possibility of cascading water exists, it is the responsibility of the builder to direct the water away from the termination cap by using gutters or other means.

Take care to carefully follow the installation instructions for the termination, including the use of silicone caulking where required.

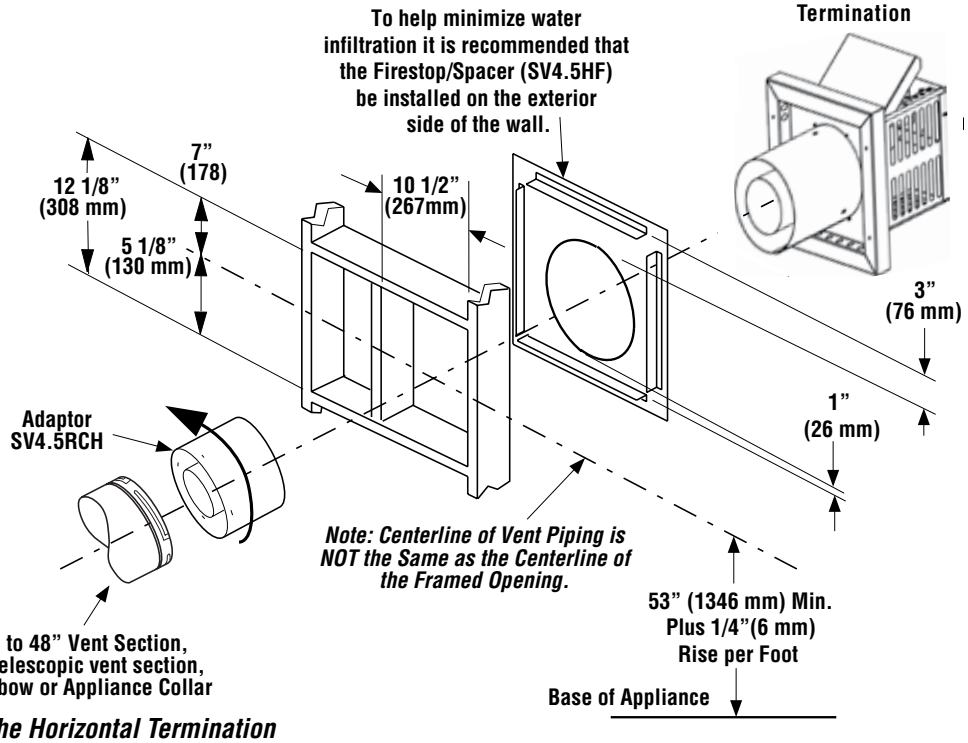



*Figure 9 - Installing the Horizontal Termination*

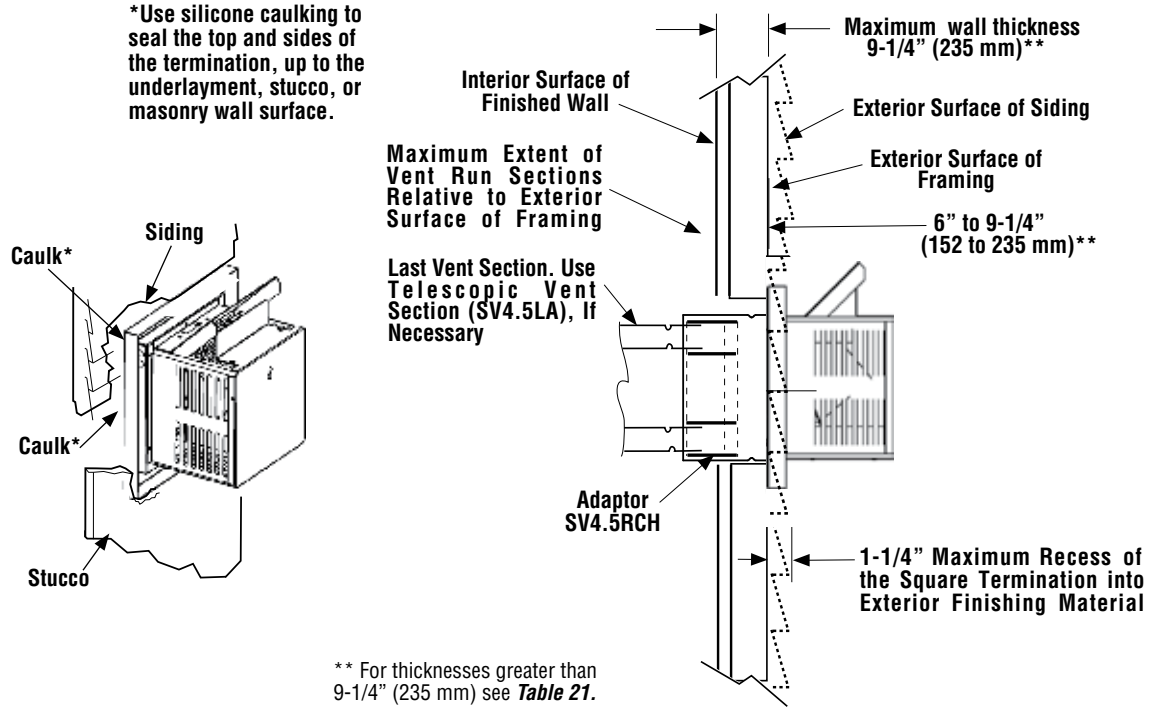



***Figure 10 - Venting Connection and Exterior Wall Recessing of the Horizontal Square Termination (SV4.5HTSS)***

| Vent Components Required | Exterior Wall Thickness |
|---|---|
| Termination Kit Only | 6 to 9-1/4" (152–235 mm) |
| Termination Kit and 6" Vent Section (SV4.5L6) | 10-3/4 to14" (273–356 mm) |
| Termination Kit and 12" Vent Section (SV4.5L12) | 16-3/4 to 20" (426–508 mm) |
| Termination Kit and Telescopic Section (SV4.5LA) and 6" vent section (SV4.5L6) | 11-3/4 to 20" (299–508 mm) |

***Table 1: Venting Components Required for Various Exterior Wall Thicknesses, when using Typical Termination Kits***

| Model | Effective Length |
|---|---|
| SV4.5L6 | 4-1/2" (115 mm) |
| SV4.5L12 | 10-1/2" (267 mm) |
| SV4.5L24 | 22-1/2" (572 mm) |
| SV4.5L36 | 34-1/2" (877 mm) |
| SV4.5L48 | 46-1/2" (1181 mm) |

***Table 2: Effective Vent Length***

***NOTE:*** See ***Table 1*** for wall thickness ranges when using an approved IHP termination kit.

**Connecting the vent pipe**

Direct-vent system components are unitized concentric pipe components featuring positive twist lock connections ***(Figure 11 and Figure 12)***. All of the fireplaces covered in this document are fitted with collars having locking inclined channels. The dimpled end of the vent components fit over the fireplace/vent collar to create the positive twist lock connection.

1. Align the dimpled end over the collar, adjusting the radial alignment until the four (4) locking dimples are aligned with the inlet of the four (4) inclined channels on the collar ***(Figure 11)***.
1. Push the vent component against the collar until it fully engages, then twist the component clockwise, running the dimples down and along the incline channels until they seat at the end of the channels.

   ***NOTE:*** The unitized design of the Rigid Pipe components will engage and seal both the inner and outer vent pipe.
2. If desired, a #6 x 1/2" screw can be used at the joint, but is not required as the pipe will securely lock when twisted ***(Figure 12)***.

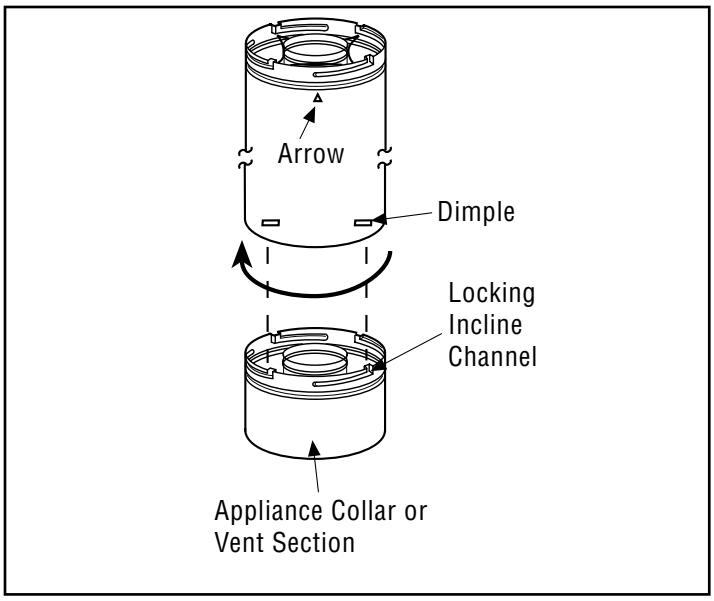



***Figure 11 - Connecting vent components***

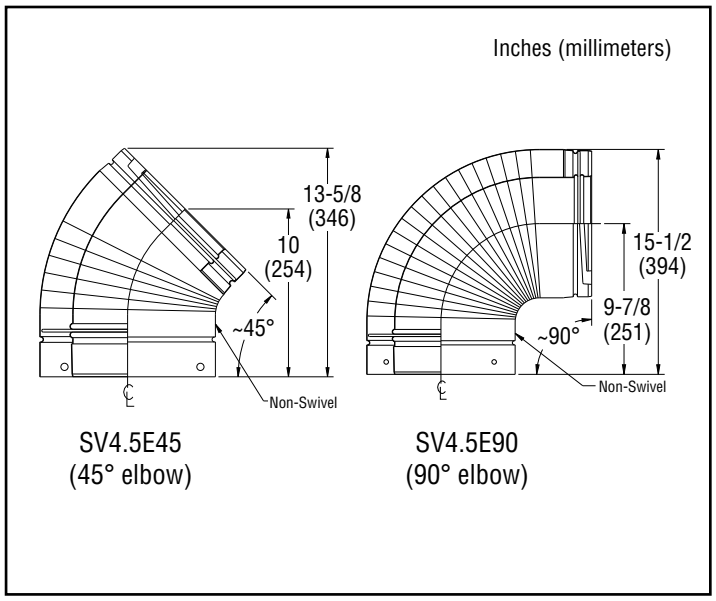



***Figure 13 - Elbow Dimensions***

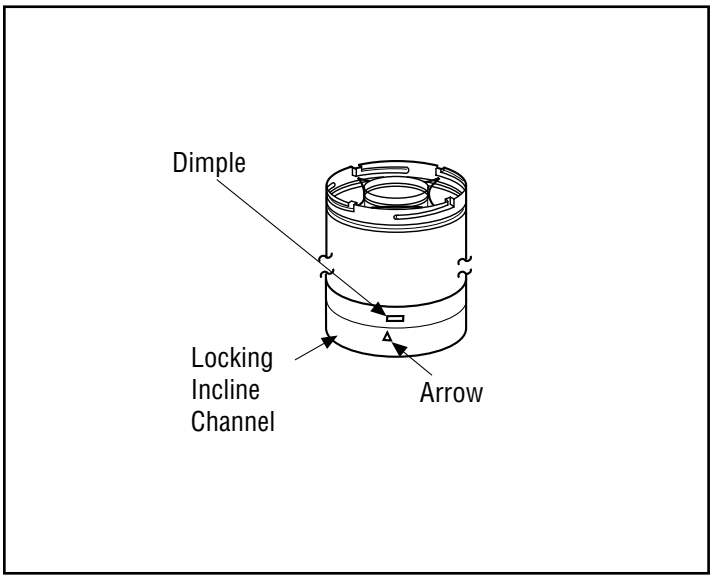



***Figure 12 - Connected vent components***

**Vent elbows.**

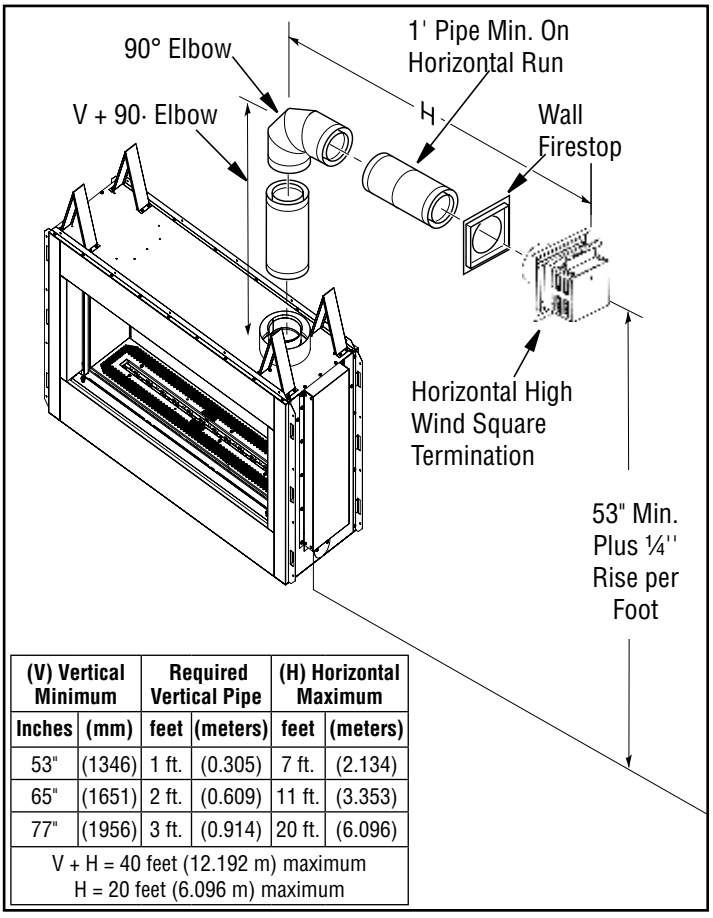
Vent elbows are available in 90° and 45° configurations. Refer to ***Figure 13*** for the SV4.5E45 and SV4.5E90 elbow dimensions. The elbows feature a twist section to allow them to be routed about the center axis of their initial collar section to align with the required direction of the next vent run element.

1. Rotate the elbow in a clockwise direction (to avoid the possibility of unlocking any of the previously connected vent sections) for proper alignment ***(Figure 13)***. See Connecting the vent pipe for more information.

**GROUND FLOOR INSTALLATION**

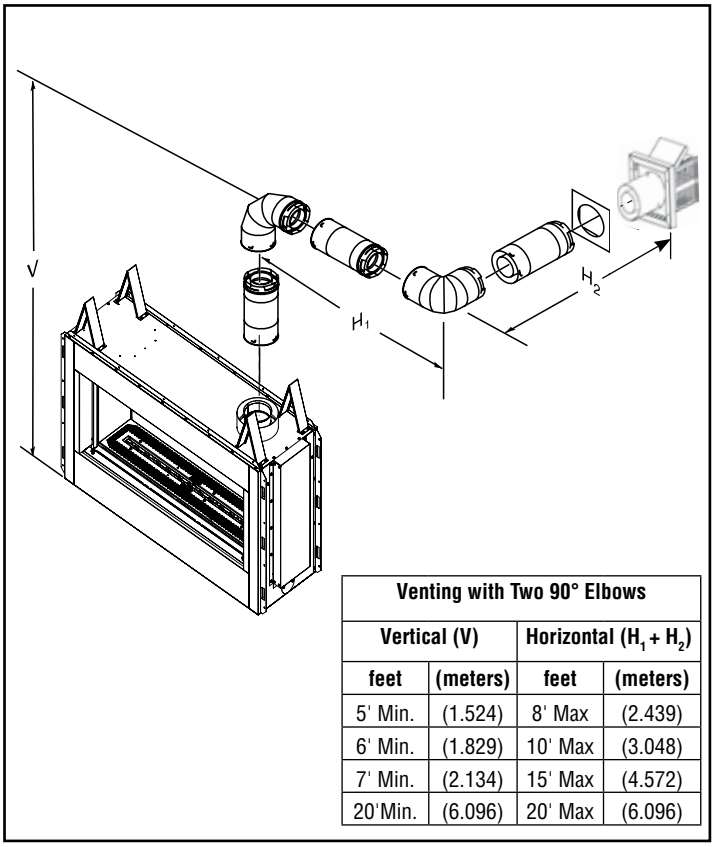
Recommended Applications:

- Through the wall using round or square termination



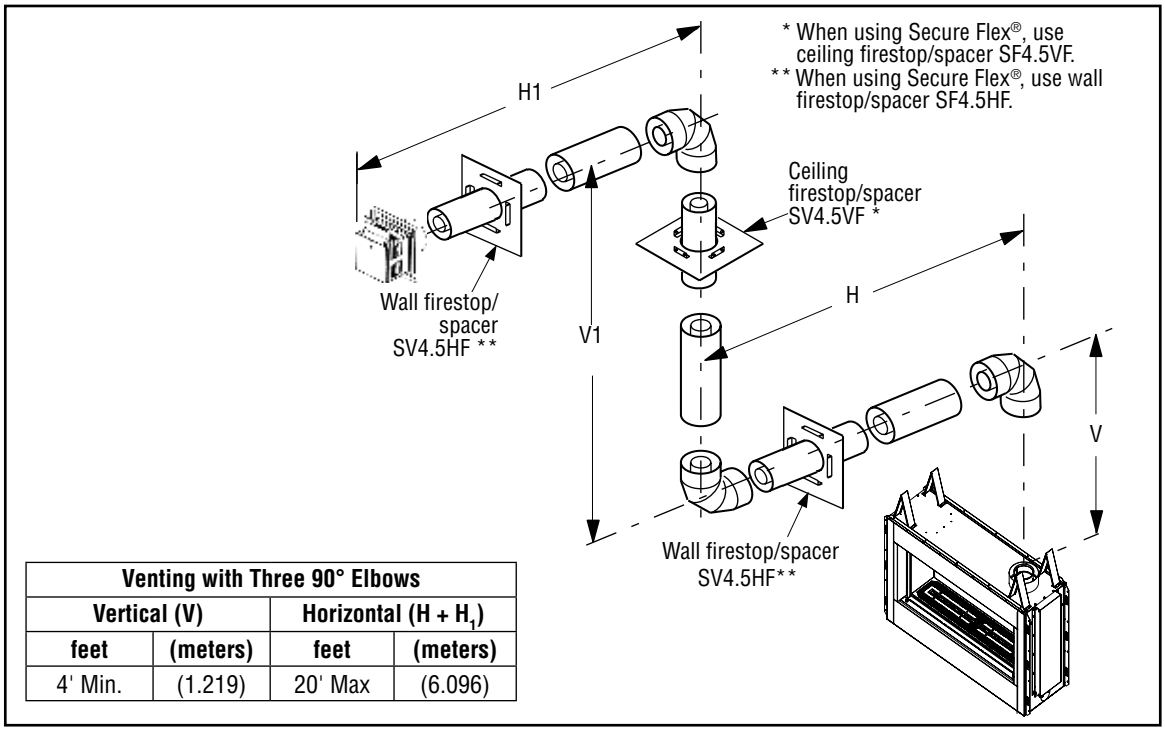

| (V) Vertical Minimum | | Required Vertical Pipe | | (H) Horizontal Maximum | |
|---|---|---|---|---|---|
| Inches | (mm) | feet | (meters) | feet | (meters) |
| 53" | (1346) | 1 ft. | (0.305) | 7 ft. | (2.134) |
| 65" | (1651) | 2 ft. | (0.609) | 11 ft. | (3.353) |
| 77" | (1956) | 3 ft. | (0.914) | 20 ft. | (6.096) |
| V + H = 40 feet (12.192 m) maximum<br>H = 20 feet (6.096 m) maximum | | | | | |

***Figure 14 - Horizontal Termination Using One 90° Elbow***




| Venting with Two 90° Elbows | | | |
|---|---|---|---|
| Vertical (V) | | Horizontal ($H_1 + H_2$) | |
| feet | (meters) | feet | (meters) |
| 5' Min. | (1.524) | 8' Max | (2.439) |
| 6' Min. | (1.829) | 10' Max | (3.048) |
| 7' Min. | (2.134) | 15' Max | (4.572) |
| 20'Min. | (6.096) | 20' Max | (6.096) |

***Figure 15 - Horizontal Termination Using Two 90° Elbows***




| Venting with Three 90° Elbows | | | |
|---|---|---|---|
| Vertical (V) | | Horizontal ($H + H_1$) | |
| feet | (meters) | feet | (meters) |
| 4' Min. | (1.219) | 20' Max | (6.096) |

***Figure 15a - Horizontal Termination Using Three 90° Elbows***

**Install the Vertical Termination Vent System**

These instructions should be used as a guideline and do not supersede local codes in any way. Install venting according to local codes, these instructions, the current National Fuel Gas Code (ANSI-Z223.1) in the USA or the current standards of CAN/CGA-B149.1 in Canada.

Ensure clearances are in accordance with local installation codes and the requirements of the gas supplier.

Vertical vent systems terminate through the roof. The minimum vent height above the roof and/or adjacent walls is specified in ANSI Z223.1 (In Canada, the current CAN/CGA-B149.1 installation code) by major building codes.

Always consult your local codes for specific requirements. A general guide to follow is the gas vent rule *(see **Figure 22, Page 21**)*.

The following figures and their associated vertical vent tables illustrate the various configurations that are possible for use with these fireplaces.

**Vertical (Straight) Installation**

1. Determine the number of straight vent sections required. See ***Effective Vent Length on Table 2, Page 16*** for more information. Plan the vent lengths so that a joint does not occur at the intersection of ceiling or roof joists.

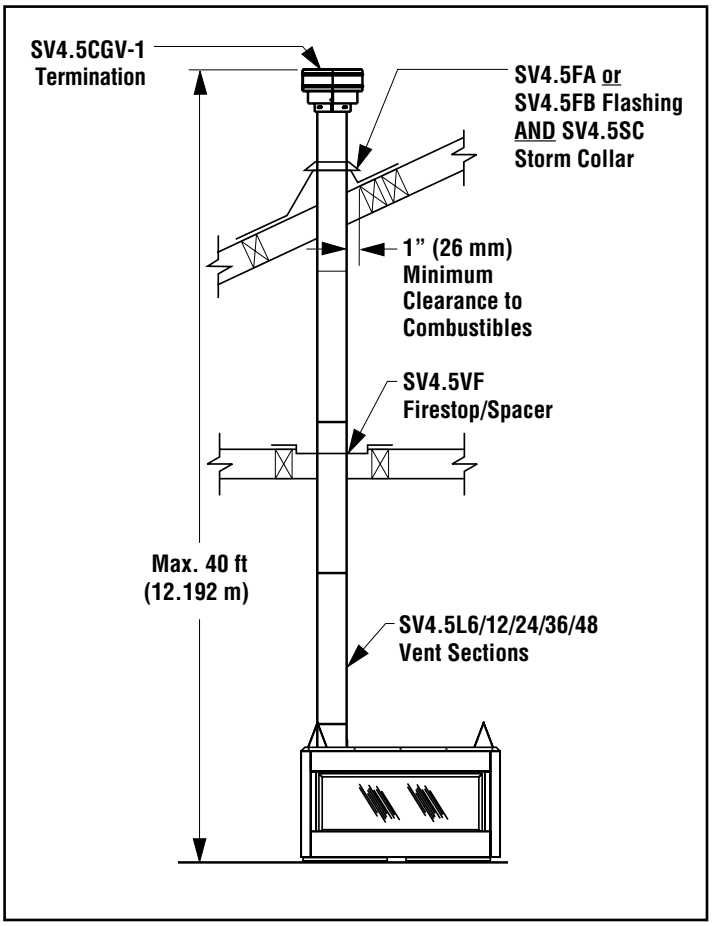



***Figure 16 - Vertical (Straight) Installation***

**Vertical (Offset) Installation**

1. **Analyze the vent route and determine the number of vent sections and elbows required**—See Effective Vent Length on ***Table 2, Page 14*** for more information. Plan the venting so that a joint does not occur in the ceiling or roof joists. Allow for elbows *(**Figure 13, Page 17**)*. Maintain the minimum clearances for combustibles *(**Page 9**)*.
2. **Frame the ceiling opening**—Use a plumb line from the ceiling above the fireplace to locate the center of the vertical run. Cut and/or frame an opening, 10 1/2 x 10 1/2" (267 x 267 mm) inside dimensions, about this center mark *(**Figure 17**)*.

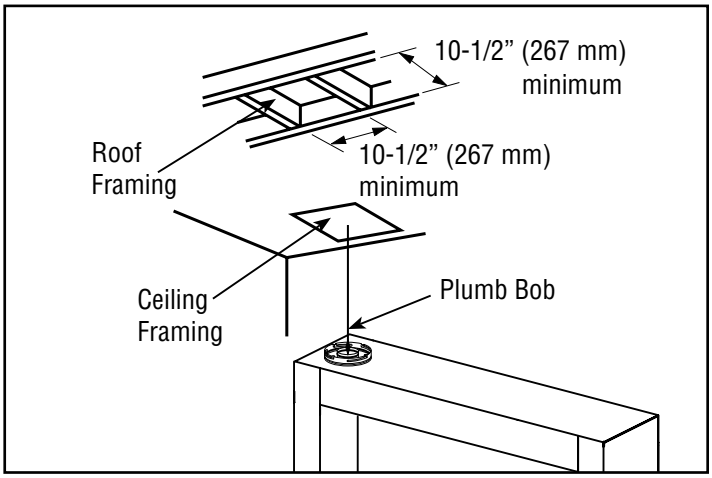



***Figure 17 - Framing the ceiling opening***

1. **Attach the vent components to the fireplace**—See Connecting the vent pipe on ***Page 17***.
2. **Attach the vent components to each other**—See Connecting the vent pipe on ***Page 17***.
3. **Install firestop/spacer at ceiling**—Use SV4.5VF firestop/spacer at ceiling joists. If there is living space above the ceiling level, the firestop/ spacer must be installed on the bottom side of the ceiling. If attic space is above the ceiling, the firestop/spacer must be installed on the top side of the joist. Route the vent sections through the framed opening and secure the firestop/ spacer with 8d nails or other appropriate fasteners at each corner. Remember to maintain 1" (26 mm) clearance to combustibles, framing members, and attic or ceiling insulation when running vertical chimney sections. The gap between the vent pipe and a vertical firestop can be sealed with non-combustible caulking.
4. **Support the vertical vent run sections**—Support the vertical portion of the venting system every 8 ft (2.4 m) above the fireplace vent outlet. One method of support is by utilizing field provided support straps (conventional plumber's tape). Secure the plumber's tape to the framing members with nails or screws. Loop the tape around the vent, securing the ends of the tape to the framing. If desired, sheet metal screws #6 x 1/2" length may be used to secure the support straps to the vent pipe *(**Figure 18, Page 20**)*.

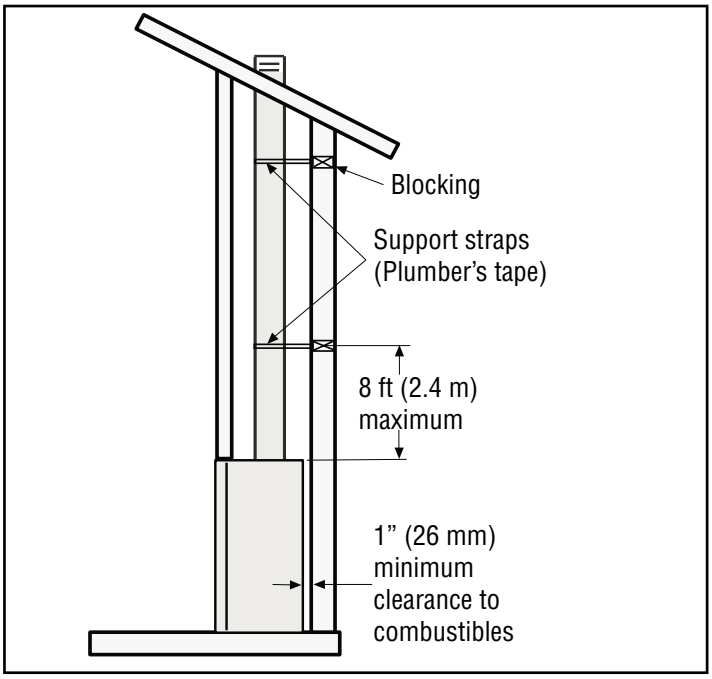
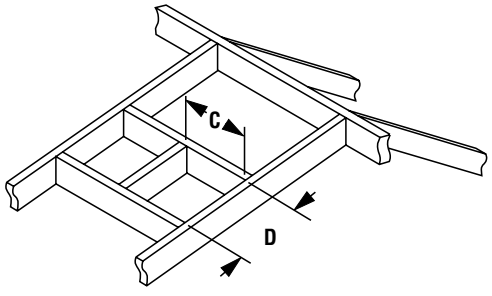



***Figure 18 - Supporting the Vertical Vent Run***

1. **Change vent direction of horizontal/inclined run**—Install the SV4.5E45 and SV4.5E90 elbows in the same manner as the straight vent sections. See Vent elbows on ***Page 17*** for more information.
2. **Continue installation of horizontal/inclined sections**—Continue with the installation of the straight vent sections in horizontal/inclined run. Install support straps every 5 ft (1.52 m) along horizontal/inclined vent runs using conventional plumber's tape. Rise per foot run ratios are acceptable all the way to level. For best results, maintain the horizontal/inclined run in a straight (no dips), slightly elevated plane of approximately 1/4" per 1 ft (20 mm per 1 m). Maintain the required clearances to combustibles *(**Page 9**)*.
3. **Frame the roof opening**—Identify the location for the vent at the roof. Cut and/or frame opening *(**Figure 19**)*.




| Pitch | C | D |
|---|---|---|
| 0/12 | 10 1/2" (267 mm) | 10 1/2" (267 mm) |
| 6/12 | 10 1/2" (267 mm) | 12" (305 mm) |
| 12/12 | 10 1/2" (267 mm) | 17 3/4" (451 mm) |

***Figure 19 - Roof Framing Dimensions***

1. **Install the roof flashing**—Extend the vent sections through the roof structure. Install the roof flashing over the vent section and position such that the vent column rises vertically (use carpenters level). Nail along perimeter to secure flashing or adjust roofing to overlap the flashing edges at top and sides only and trim where necessary. Seal the top and both sides of the flashing with waterproof caulking.
2. **Install the storm collar**—Install the storm collar, supplied with the flashing, over the vent/flashing joint *(**Figure 20**)*. Loosen the storm collar screw. Slide collar down until it meets the top of the flashing. Tighten the adjusting screw. Apply non-combustible caulking or mastic around the circumference of the joint to provide a water tight seal.

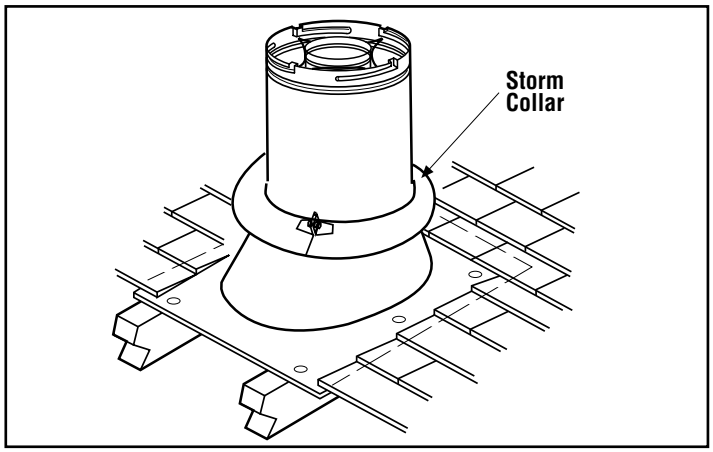



***Figure 20 - Installing the Storm Collar***

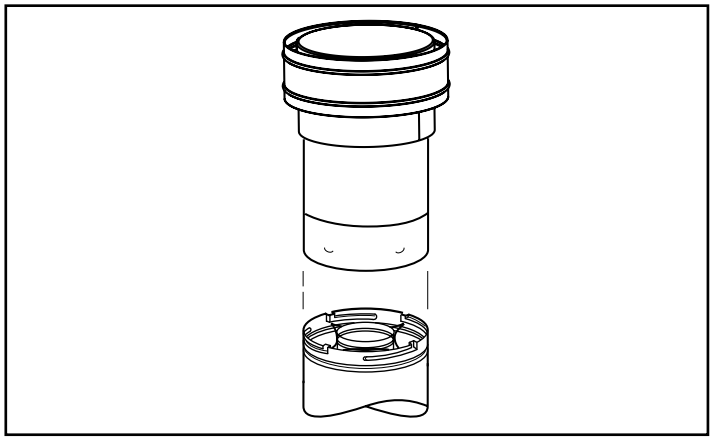
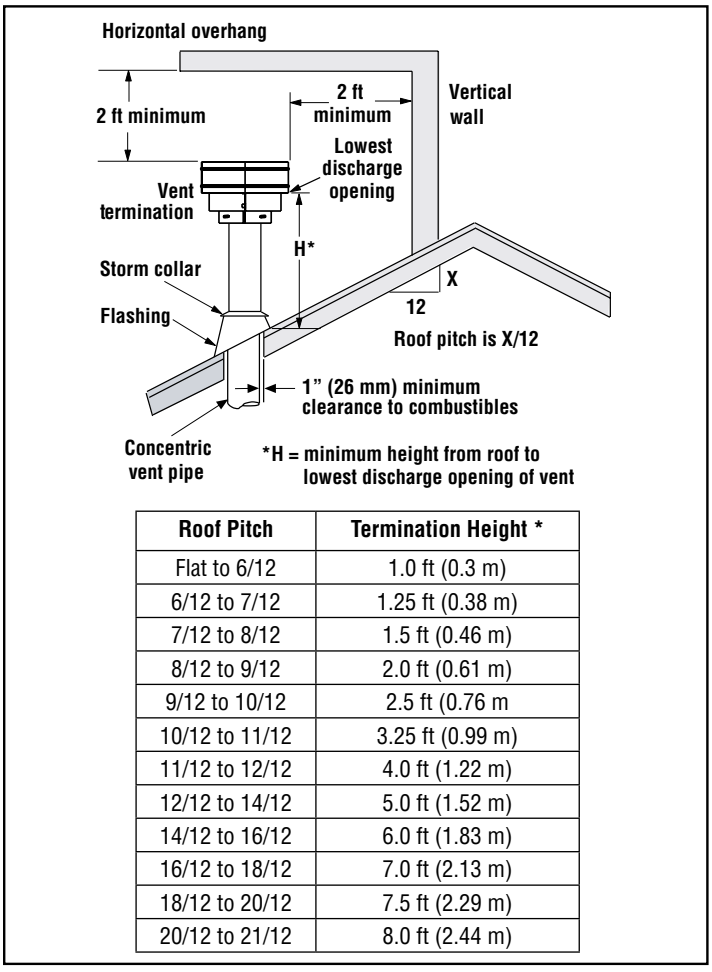


***Figure 21 - Installing the Vertical Termination***

1. **Install the vertical termination**—The final step involves installation of the SV4.5CGV-1 vertical termination. Align the termination over the end of the previously installed section, adjusting the radial alignment until the four (4) locking dimples of the termination are aligned with the inlets of the four (4) incline channels of the last vent section. Push the termination down until it fully engages, then twist the termination clockwise running the dimples down and along the incline channels until they seat at the end of the channels. If the vent system extends more than 5 ft (1.5 m) above the roof flashing, stabilizers may be necessary. Additional screws may be used at section joints for added stability. Guide wires or roof support assemblies may be attached to the joint for additional support on multiple joint configurations.

***NOTE:*** SV4.5VF firestop/spacer must be used anytime vent pipe passes through a combustible floor or ceiling. SV4.5HF firestop/spacer must be used anytime vent pipe passes through a combustible wall.




| Roof Pitch | Termination Height * |
|---|---|
| Flat to 6/12 | 1.0 ft (0.3 m) |
| 6/12 to 7/12 | 1.25 ft (0.38 m) |
| 7/12 to 8/12 | 1.5 ft (0.46 m) |
| 8/12 to 9/12 | 2.0 ft (0.61 m) |
| 9/12 to 10/12 | 2.5 ft (0.76 m |
| 10/12 to 11/12 | 3.25 ft (0.99 m) |
| 11/12 to 12/12 | 4.0 ft (1.22 m) |
| 12/12 to 14/12 | 5.0 ft (1.52 m) |
| 14/12 to 16/12 | 6.0 ft (1.83 m) |
| 16/12 to 18/12 | 7.0 ft (2.13 m) |
| 18/12 to 20/12 | 7.5 ft (2.29 m) |
| 20/12 to 21/12 | 8.0 ft (2.44 m) |

***Figure 22 - Termination Heights for Vents above Flat or Sloped Roofs (NFPA 54 / ANSI Z223.1)—Gas Vent Rule***

**Vertical termination Configurations**

Figure 23, 24 and 24a show the configurations for vertical termination.

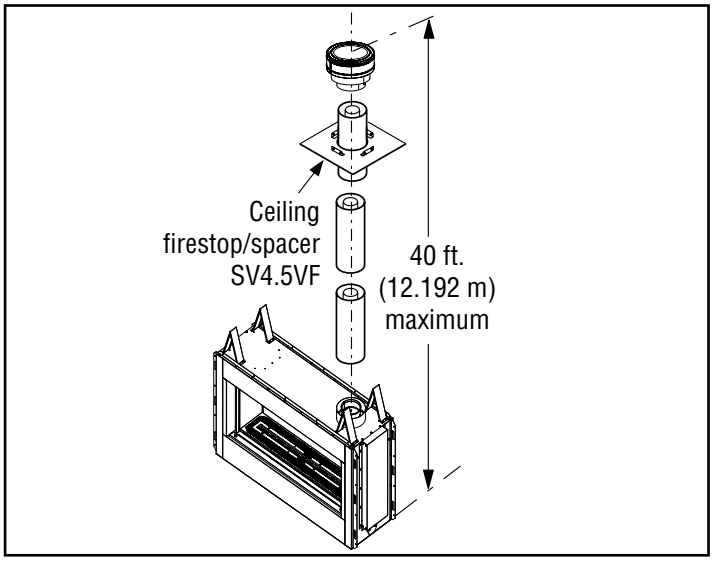



***Figure 23 - Top Vent—Straight***

| Venting with Two 90° Elbows | | | |
|---|---|---|---|
| Vertical ($V_1$) | | Horizontal (H) | |
| feet | (meters) | feet | (meters) |
| 5' Min. | (1.524) | 10' Max | (3.048) |
| 6' Min. | (1.829) | 14' Max | (4.267) |
| 7' Min. | (2.134) | 20' Max | (6.096) |
| 20'Min. | (6.096) | 20' Max | (6.096) |

***NOTE:***
Vertical ($V_1$) + Vertical ($V_2$) = 20' (6.096 m) Max.
V + H = 40' (12.192 m) Max.
H=20' (6.096 m) Max.

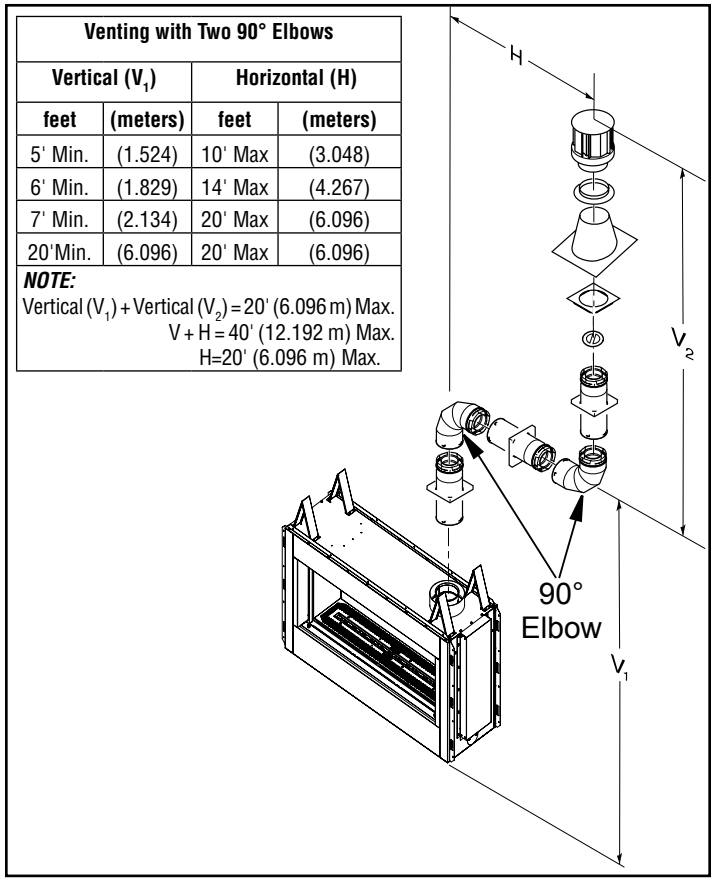
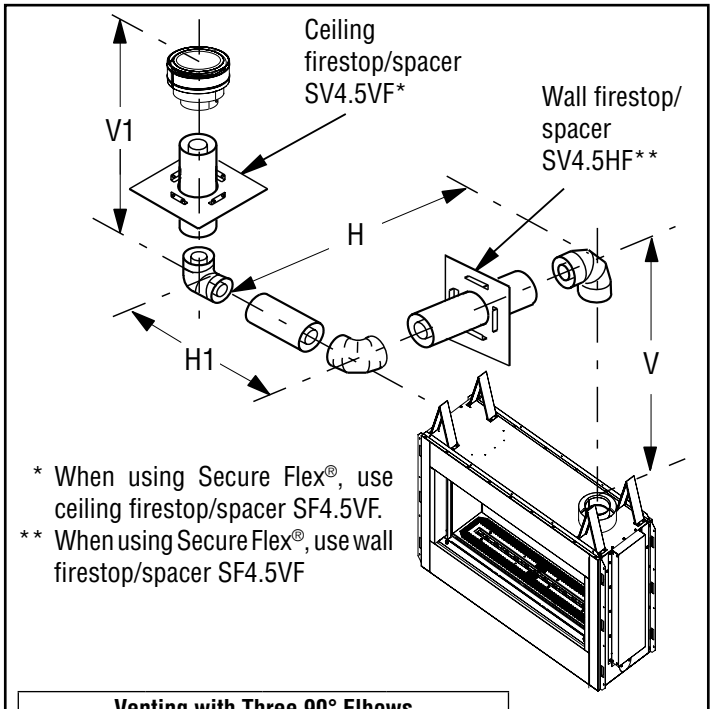



***Figure 24 - Vertical Venting Configuration Using Two 90° Elbows***



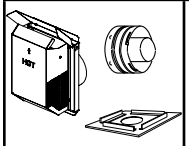
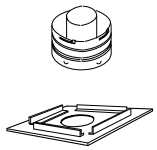
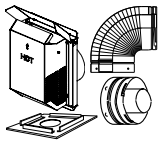
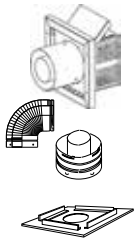
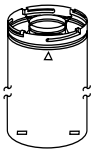

| Venting with Three 90° Elbows | | | |
|---|---|---|---|
| Vertical (V) | | Horizontal (H + $H_1$) | |
| feet | (meters) | feet | (meters) |
| 4' Min. | (1.219) | 20' Max | (6.096) |

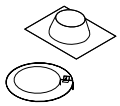
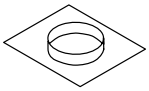
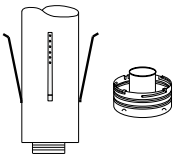
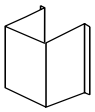
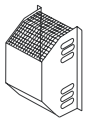
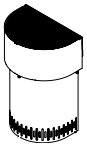
***Figure 24a - Vertical Venting Configuration Using Three 90° Elbows***

## PARTS LIST FOR VENTING KITS AND COMPONENTS

**IMPORTANT NOTE: The installation accessories shown in this section are part of the safety agency listing for the product models represented in this manual.**

### *Listed Secure Vent® Components*

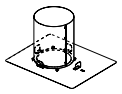
| | Cat. No. | Model | Description |
|---|---|---|---|
|  | H1968 | SV4.5HT-2 | Horizontal Square Termination with Firestop/Spacer (H2246), and Adaptor (74L61) |
|  | 94L10 | SV4.5HTSS | Rigid, Horizontal, Small Square Termination with Firestop/Spacer (H2246) and Adaptor (74L61) (see 750204M) |
|  | H5817 | SV4.5-20SSWSK | Rigid, Horizontal, Small Square Termination, with 20" Slip Section*, Wall Shield and Firestop (see 750247M and 750204M) |
|  | H2152 | SV4.5CGV-1 | Vertical Termination Cap, High Wind |
|  | H8914 | SV4.5TK90HT2 | Horizontal Termination Kit HT-2 with 90° elbow |
|  | H8915 | SV4.5TK90SS | Horizontal Termination Kit Small Square with 90° elbow |
| Vent Sections (Rigid) | | | |
|  | 77L70 | SV4.5L6 | 6" (152 mm) |
| | 77L71 | SV4.5L12 | 12" (305 mm) |
| | 77L72 | SV4.5L24 | 24" (610 mm) |
| | 77L73 | SV4.5L36 | 36" (914 mm) |
| | 77L74 | SV4.5L48 | 48" (1219 mm) |
| | 77L75 | SV4.5LA | Telescopic Length Slip Section (2" to 7-1/2" rigid) |

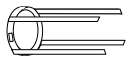
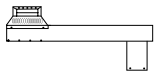
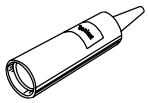
| | Cat. No. | Model | Description |
|---|---|---|---|
| The following flashing comes packaged with a storm collar | | | |
|  | 77L78 | SV4.5F | Flat Roof Flashing |
| | 77L79 | SV4.5FA | 1/12 to 7/12 Adjustable Flashing |
| | 77L80 | SV4.5FB | 7/12 to 12/12 Adjustable Flashing |
|  | 77L81 | SV4.5SC6 | Storm Collar (6 pack) |
|  | H6183 | SV4.5HF5 | Firestop Spacer, 5", rigid |
| | H6184 | SF4.5HF5 | Firestop Spacer, 5", flex |
| | H2246 | SV4.5HF-10 | Firestop/Spacer-Horizontal, rigid (3-1-1 spacing), 10 Pack |
| | H2247 | SV4.5VF-10 | Firestop/Spacer-Vertical, rigid (1-1-1 spacing), 10 Pack |
| | F2567 | SV4.5VFS | Firestop/Spacer-Vertical, rigid (1-1-1 spacing), Each |
|  | 96K92 | SV4.5SP | Support Plate |
|  | F3191 | SV4.5AdaptorKit | Secure Flex Adaptor Kit *Includes rigid to flex adaptor and flex to rigid adaptor (flex not included)* |
| **Termination Guards** | | | |
|  | 17M52 | SV4.5HGS-1 | Termination Guard, Square (1 pack) (see 750109M) |
| | 17M53 | SV4.5HGS-12 | Termination Guard, Horizontal Square (12 pack) (see 750109M) |
|  | 87L02 | SV4.5HGS | Termination Guard for Horizontal Square Termination (Deluxe)(1 pack) (see 750055M) |
|  | H5820 | SV4.5HTSK | Termination Shroud (Guard) for Horizontal Square Termination (1 pack) (see 750246M) |

**** The 20" slip section can be field cut to desired size (new length must allow a minimum of 1-3/4" overlap within pipe). Deburr cut edges as necessary.***

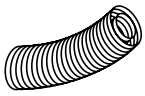
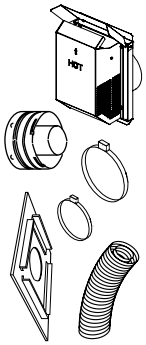
**IMPORTANT NOTE: The installation accessories shown in this section are part of the safety agency listing for the product models represented in this manual.**

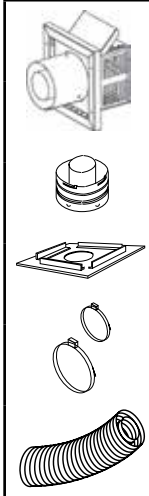
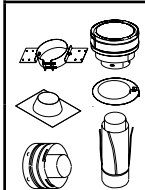
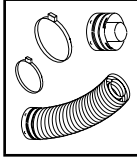
### *Listed Secure Vent® Components*

| | Cat. No. | Model | Description |
|---|---|---|---|
|  | 77L76 | SV4.5E45 | 45° Elbow, Corrugated |
|  | 77L77 | SV4.5E90 | 90° Elbow, Corrugated |
|  | H5816 750,247M | SV4.5-TWSK10 | Through Wall Shield Kit (to shield direct-vent pipe from blown insulation)(see 750247M) |

| | Cat. No. | Model | Description |
|---|---|---|---|
|  | 96K93 | SV4.5SU | Support Strap |
|  | 99L02 | SV4.5HRK14 | Horizontal Riser Kit, 14” (see 750146M) |
| | 99L03 | SV4.5HRK36 | Horizontal Riser Kit, 36” (see 750146M) |
|  | H3907 | SV4.5ARSA | Attic Insulation Shield with adjustable height, 12–22” |
|  | 10K81 | SFMP | Mill-Pac, Black, High-Temperature Sealant |
| | 89L40 | SFMP-12 | Mill-Pac, Black, High-Temperature Sealant (bulk 12-pack) |

### *Listed Secure Flex® Components*

| | Cat. No. | Model | Description |
|---|---|---|---|
| These termination kits include firestop/spacer, gear clamps, and flex adaptor. | | | |
|  | 60L10 | SF-18 | 18 ft (5.49 m)* compressed flex (see 750053M) |
| | 98K03 | SF-12 | 12 ft (3.66 m)*compressed flex (see 750052M) |
|  | H2248 | SF4.5HF-10 | Firestop/Spacer, Horizontal, flex (3-1-1 spacing), 10 Pack |
| | H2249 | SF4.5VF-10 | Firestop/Spacer, Vertical, flex (1-1-1 spacing),10 Pack |
|  | H1969 | SF4.5HT-2 | Horizontal Square Termination for flex (without flex) |
| | 77L87 | SFKIT12S | Square Term. for flex with 12” (305 mm)* compressed flex |
| | 77L88 | SFKIT18S | Square Term. for flex with 18” (457 mm)* compressed flex |
| | 77L89 | SFKIT24S | Square Term. for flex with 24” (610 mm)* compressed flex |
| | 77L90 | SFKIT36S | Square Term. for flex with 36” (914 mm)* compressed flex |
| | 77L91 | SFKIT48S | Square Term. for flex with 48” (1219 mm)* compressed flex |
|  | 91L66 | SFGC4-6 | Gear Clamp 4.5” (114 mm) for flex (6-pack) |
| | 91L67 | SFGC7-6 | Gear Clamp 7.5” (190.5 mm) for flex (6 pack) |

| | Cat. No. | Model | Description |
|---|---|---|---|
|  | 94L04 | SFKIT12SS | Small Square Termination for flex, with 12” (305 mm) of *compressed flex vent (see 750204M) |
| | 94L05 | SFKIT18SS | Small Square Termination for flex, with 18” (457 mm) of *compressed flex vent (see 750204M) |
| | 94L06 | SFKIT24SS | Small Square Termination for flex, with 24” (610 mm) of *compressed flex vent (see 750204M) |
| | 94L07 | SFKIT36SS | Small Square Termination for flex, with 36” (914 mm) of *compressed flex vent (see 750204M) |
| | 94L08 | SFKIT48SS | Small Square Termination for flex, with 48” (1219 mm) of *compressed flex vent (see 750204M) |
| | 94L09 | SF-HTSS | Horizontal Small Square Termination for flex, without flex vent (see 750204M) |
|  | 56L74 | SFVT30 | Vertical Termination for flex (flat to 6/12) with flex adaptor, section of rigid vent, roof support collar assembly, roof flashing and storm collar. (see 750052M) |
| | 56L75 | SFVT45 | Vertical Termination for flex (6/12 to 12/12) with flex adaptor, section of rigid vent, roof support collar assembly, roof flashing and storm collar. (see 750052M) |
|  | H7748 | H7748 | 36” Flex Connector Kit. 36” of flex with two adaptors for mating two rigid sections of vent together. |

*All compressed flex vents can be expanded up to two times.

** See ***Page 30*** concerning use with the 45” model.

**VERTICAL OR HORIZONTAL VENTING USING SECURE FLEX KITS AND COMPONENTS**

Secure Flex venting kits and components may be used in any other vent installation where rigid Secure Vent® (SV4.5) direct-vent components can be used. All restrictions, clearances and allowances pertaining to rigid vent also apply to flexible vent. Do NOT modify Secure Flex kits . Also, do NOT join separate sections of flex vent together. Secure Flex kits can be installed on the end of a Secure Vent (SV4.5) rigid vent run, provided that doing so does not violate any of the venting length, height, routing, horizontal to vertical ratio requirements, or clearance considerations detailed in this manual.

Secure Flex kits come with an included adaptor that can be installed on the fireplace collar or the inclined channel end of the last Secure Vent (SV4.5) vent section in a rigid system in the exact same fashion as any other Secure Vent section. Align the dimpled end of the adaptor over the previously installed section or fireplace collar, adjusting the radial alignment until the four locking dimples of the adaptor are aligned with the inlets of the four incline channels of the last vent section or collar. Push on the adaptor until it is fully engaged, then twist the adaptor clockwise running the dimples down and along the incline channels until they seat at the end of the channels.

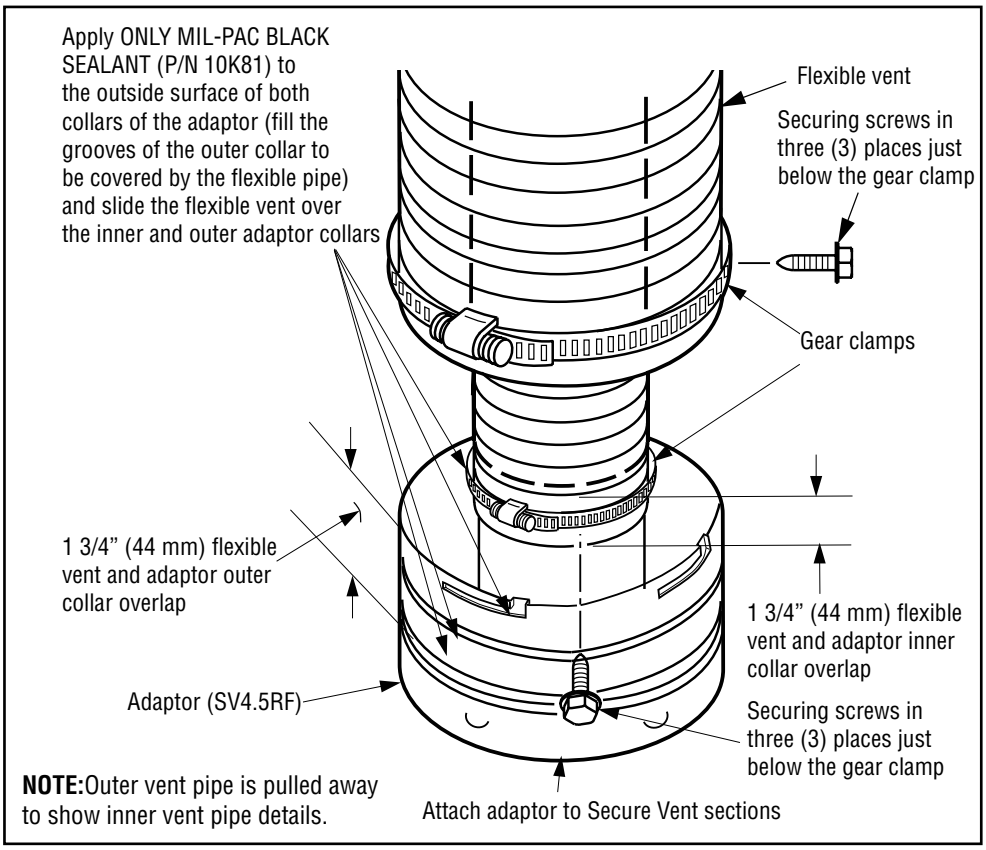



***Figure 25 - Flexible Vent Adaptor***

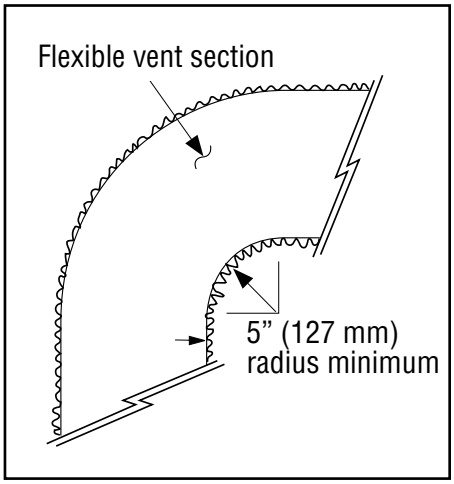



***Figure 26 - Flexible Vent***

- **Install the Inner Flex Pipe.**

1. Install the small gear clamp loosely around the inner flexible vent, then push it back out of the way.
2. Apply a bead of Mill-Pac Black (700 °F) high temperature sealant (P/N 10K81) to the inner adaptor collar, approximately 1/2" from the end.
3. Pull and extend the inner flexible vent.
4. Slide the inner flex vent over the adaptor collar at least 1 3/4".
5. ***NOTE:*** Ensure the flex vent is free from damage or tears.
6. Slide the gear clamp down and tighten it fully to secure the flexible vent to the adaptor inner collar approximately 3/4" from the end of the flex.
7. Install three (3) screws 120° apart through the flexible vent and into the adaptor collar just below the gear clamp to provide additional security to the connection.

- **Install the Outer Flex Pipe.**

1. Install the large gear clamp loosely around the outer flexible vent pipe, then push it back out of the way.
2. Apply a bead of Mill-Pac Black (700 °F) high temperature sealant (P/N 10K81) to the outer adaptor collar. Cover to the grooves of the collar that extend approximately 1" from the end and to the flat surface, approximately 1 3/8" from the end.
3. Pull and extend the outer flexible vent.
4. Slide the outer flexible vent over the adaptor collar. Ensure the flexible vent completely engages the adaptor collar 1 3/4" from the end, and that it is free from damage or tears.
5. Slide the gear clamp down and tighten it fully to secure the flexible vent to the adaptor outer collar approximately 3/4" from the end of the flexible vent.

1. Install three (3) screws 120° apart through the flexible vent and into the adaptor collar just below the gear clamp to provide additional security to the connection.

- **Route the flexible vent.**

  ***NOTE:*** Ensure that the flexible vent is properly routed to provide the required clearance. Do NOT allow the flexible vent to bend in a radius tighter than 5" (127 mm) (Figure 26, Page 24). Place the internal flexible vent spacers evenly and avoid kinking the inner vent. Support horizontal sections of flexible vent with metal straps at 2 ft (0.61 m) intervals.

- **Install firestop/spacers at ceiling and wall penetrations.**
  - SF4.5VF firestop/spacer for ceilings
  - SF4.5HF firestop/spacer for walls

***NOTE:*** See the appropriate sections and figures shown throughout the venting section for installation requirements.

- **Attach the flexible vent to the termination.**

  ***NOTE:*** Secure Flex® components can be purchased separately and attached to bulk lengths of Secure Flex flexible vent cut to size at the job site. Attach the flexible vent to the Secure Flex terminations as it was attached to the adaptor *(**Figure 25, Page 24**).*

  ***NOTE:*** Attach Secure Flex vent to Secure Flex terminations only. Do NOT substitute Secure Vent® terminations or Secure Vent adaptor for Secure Flex components. Secure Flex termination and adaptor collars are a different circumference than Secure Vent collars. Secure Flex vent has an longer center tube to improve ease-of-installation.

## 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 heater requires an external regulator (not supplied). Install the external regulator between the fireplace and propane/LP supply.**

#### 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 27, Page 26***. 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 28, Page 26**).*

***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.

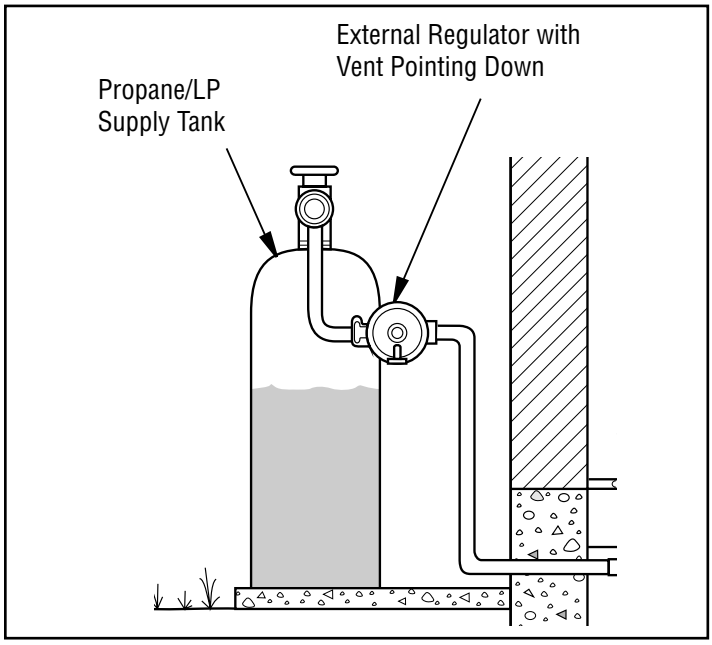


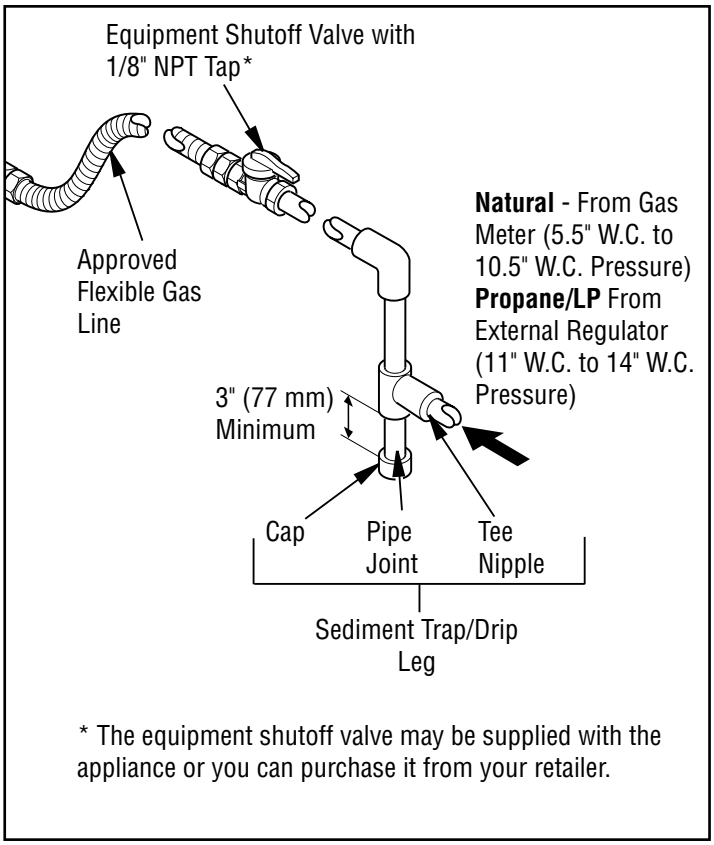

***Figure 27 - External Regulator with Vent Pointing Down (Propane/LP Only)***

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.

**⚠ 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 28***. 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.




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

***Figure 28 - Gas Connection***

**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 29**)*.
3. Check all gas connections for leaks. See <u>Checking Gas Connections</u>, ***Page 27***.

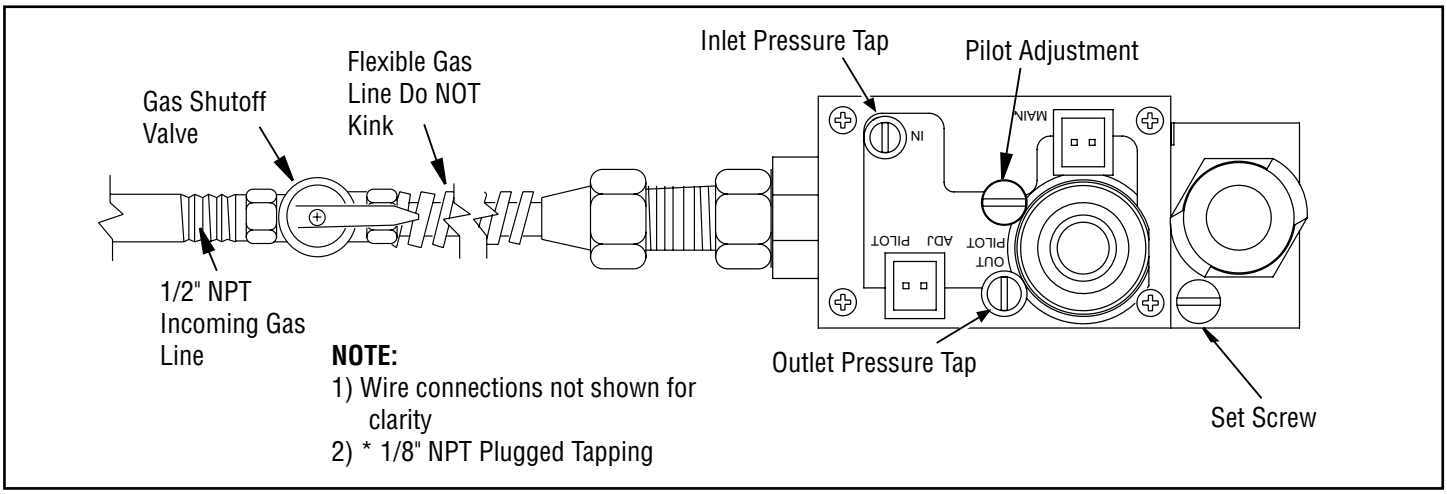



***Figure 29 - Connecting Incoming Gas Line to Flex Gas Line***

### 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 30)***.
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 31 or Figure 32**)*. Apply noncorrosive leak detection fluid to all joints. Bubbles forming show a leak.
4. Correct all leaks at once.

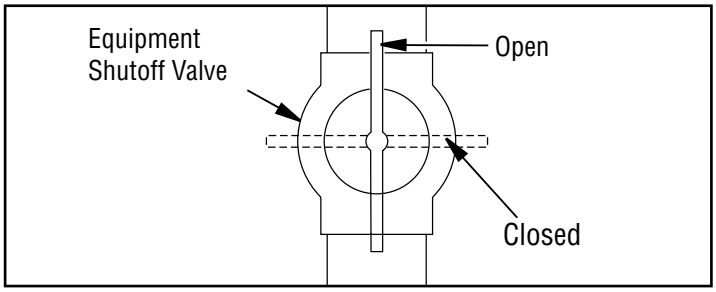



***Figure 30 - Equipment Shutoff Valve***

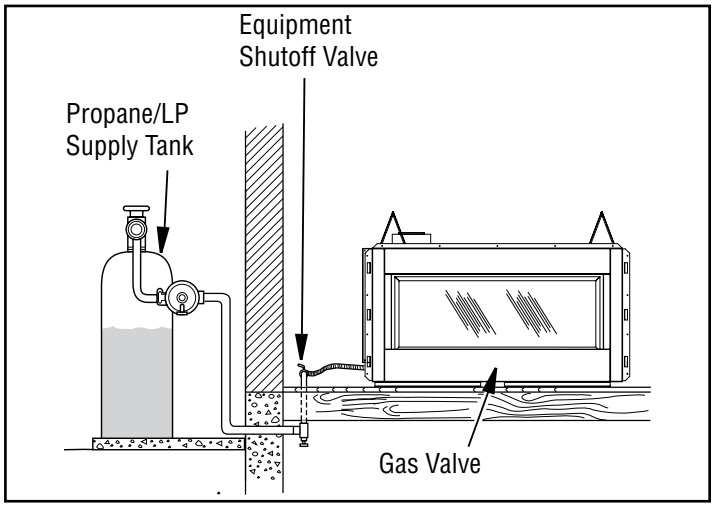



***Figure 31 - Checking Gas Joints for Propane/LP Gas Fireplace***

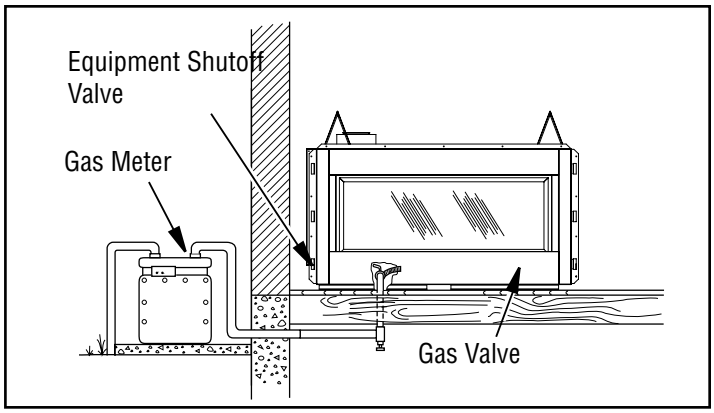



***Figure 32 - Checking Gas Joints for Natural Gas Fireplace***

### PRESSURE TESTING FIREPLACE GAS CONNECTIONS

1. Open equipment shutoff valve (see Figure 30).
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 31 or Figure 32**)*. Apply noncorrosive leak detection fluid to all joints. Bubbles forming show a leak. Correct all leaks at once.
5. Light fireplace *(see Operation, **Page 28**)*. Check all other internal joints for leaks.
6. Turn off fireplace *(see To Turn Off Gas to Appliance, **Page 33**)*.

### FINISHING FIREPLACE FOR INSTALLATION

VeniceLights43 series fireplace come with the rear panel semi-installed. If you will be using the fireplace for a one sided regular application, you will need to finish the installation of the rear panel. If you will be upgrading the fireplace to a see-thru, the rear panel will need to be removed *(See Upgrading VeniceLights43 Series to See-Thru Application **Page 29**)*.

1. Using self-tapping screws provided and holes on rear panel as a guide, screw the rear panel to the fireplace as shown in ***Figure 33, Page 28***.

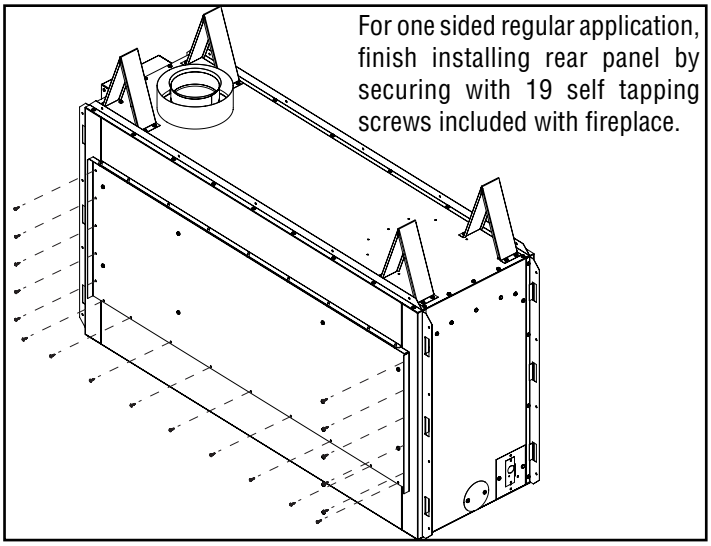



***Figure 33 - Installing Rear Panel for One Sided Regular Applications***

**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. Only doors certified with the appliance shall 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.**

**⚠ 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.**

**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.**

**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 bottom access panel.
2. Unlock 3 door latches on top of firebox using your fingers or the latch opener provided.
3. Hook opener over latch as shown in ***Figure 34***. Swing the bottom of the opener down toward the door. You will not need to pull down.
4. Tilt open glass door 45° from the top of firebox and lift up to release door from retaining channel *(see **Figure 35**)*.

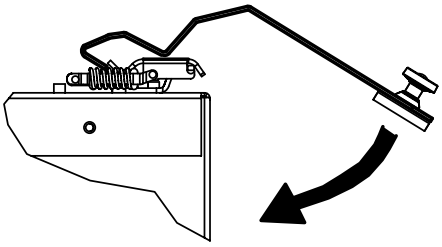


***Figure 34 - Latch Opener***

**Replacing Glass Door**

1. Position door frame in front of firebox opening tilting top of door about 45° toward you. Insert bottom flange of glass door into the retaining channel at the bottom of firebox *(see **Figure 35**)*. Make sure door is center with firebox opening.
2. Tilt top of door up toward top of firebox.
3. Secure 3 top door latches.

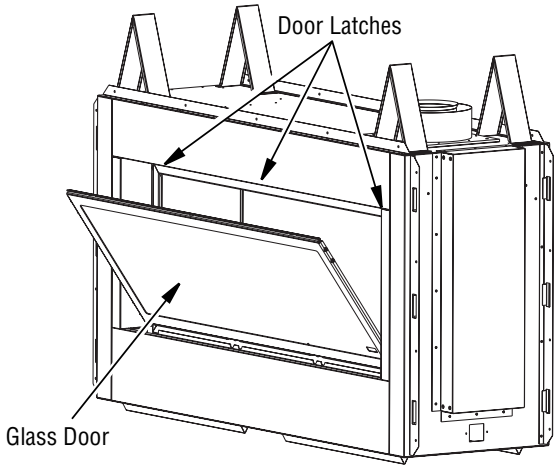



***Figure 35 - Removing/Replace Glass Door***

**GLOWING EMBERS AND GLASS PEBBLE INSTALLATION**

***NOTE: It is important to ensure proper log placement per the manual when installing these units. Verify pilot flame is not obstructed. See "Burner And Pilot Flame Appearance And Sooting" on Page 35.***

**⚠ WARNING: Do not change or substitute glass pebbles provided with this fireplace. If replacing, use only replacement glass pebbles. See Parts, *Page 44*.**

**⚠ WARNING: Do not block pilot ports with embers.**

**⚠ WARNING: Do not block pilot ports with glass pebbles.**

**⚠ WARNING: Do not place the glass pebbles on the burner, only on the burner tray as illustrated in *Figure 36, Page 29*.**

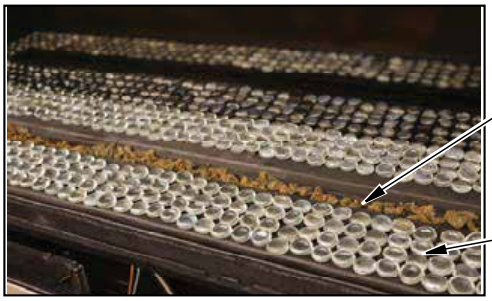



***Figure 36 - Placing Glass Pebbles***

Glowing embers and glass pebbles are included with your fireplace. Install these items while glass doors are open and/or removed.

1. Place glass pebbles in a single layer evenly on the pebble pan. Make certain that the correct media is used. If crushed glass or other media is used, replaced it with the proper media listed on the price list. Make certain the media is placed precisely as indicated in this instruction manual (single layer of pebbles in straight rows) and all glass remains on the pebble tray with no glass at all on the burner.
2. Pull glowing ember material apart into pieces no larger than a dime size. The ember material must be pulled into "dime size pieces" and spread evenly along the length of the burner. Ember material should not be "clumped" particularly near the pilot ports. The ember pack contains more ember material than is needed to create a glowing ember bed. Save the remaining embers to refresh the ember bed during annual maintenance.

**Reinstall the included barrier (J7457)**

**⚠ 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 37**).*
2. Slide the barrier bottom down into the slots below the glass door, securing it in place *(see **Figure 37**).*

**UPGRADING VENICELIGHTS43 TO SEE-THRU APPLICATION**

**Removing Rear Panel**

1. In the rear of the fireplace, locate screws at top of rear panel and remove as shown in ***Figure 38***. Discard screws and rear panel.
2. Unscrew mount bracket from top face as shown in ***Figure 39***, ***Page 30***. Discard mounting bracket and replace screws.

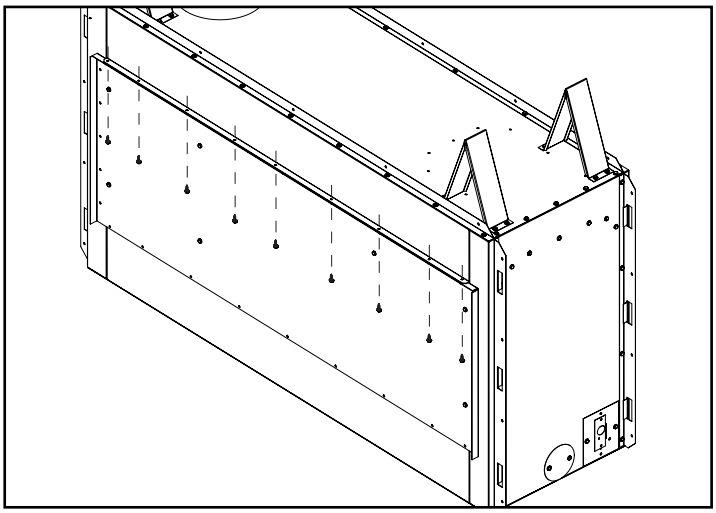


***Figure 38 - Removing Rear Panel for See-Thru Applications***

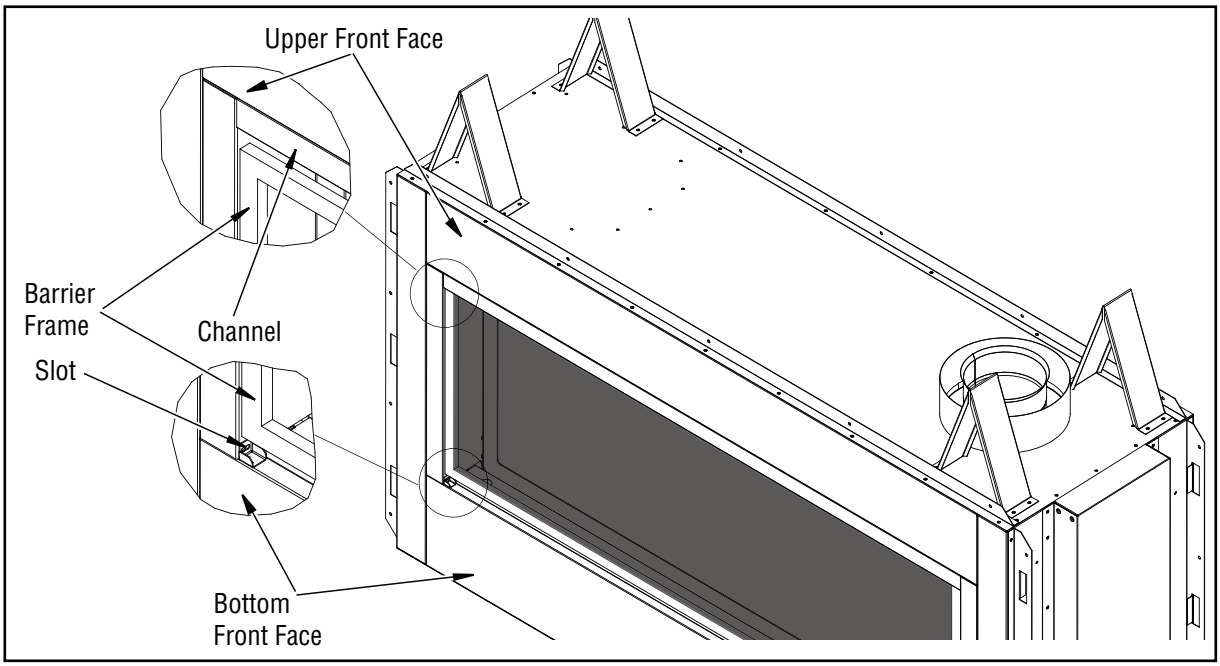



***Figure 37 - Reinstalling barrier***

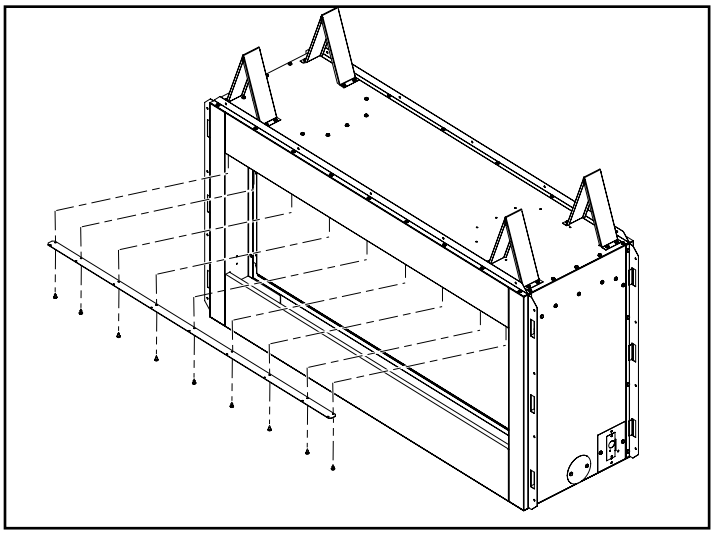


***Figure 39 - Removing Mount Bracket for See-Thru Applications***

**Removing False Door**

1. In the rear of the fireplace, remove false door just as you would remove the front glass door. Refer to Removing/Replacing Glass Door, ***Page 28*** of this manual for instruction. Discard false door.

**Removing Rear Interior Wall**

1. Remove glass door from front of fireplace. Refer to Removing/Replacing Glass Door, ***Page 28*** of this manual when removing glass door.
2. Unscrew 4 corner brackets from the firebox top *(See **Figure 40**)*.
3. Remove 2 side walls and then the rear wall. Discard rear wall.
4. Replace 2 side walls and reinstall the corner brackets.
5. Reinstall front glass door.

**Installing Second Glass Door**

1. Install second glass door in the rear of the fireplace refer to Removing/Replacing Glass Door, ***Page 28*** of this manual.

**Installing Access Door Retaining Brackets**

1. Screw access door retaining brackets into the inner side face using 2 screws on both the left and right side as shown in ***Figure 41***.

**Installing Side Face Filler**

1. Screw side face filler into firebox side baffle using 2 screws on both the left and right side as shown in ***Figure 42***.

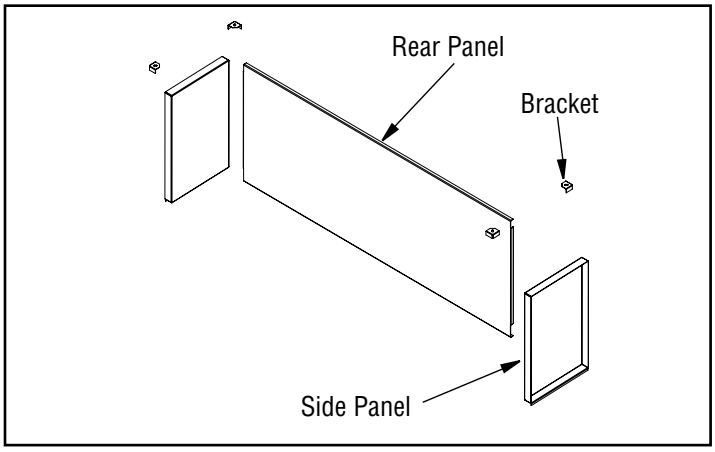



**Figure 40 - Removing Rear Interior Wall for See-Thru Applications**

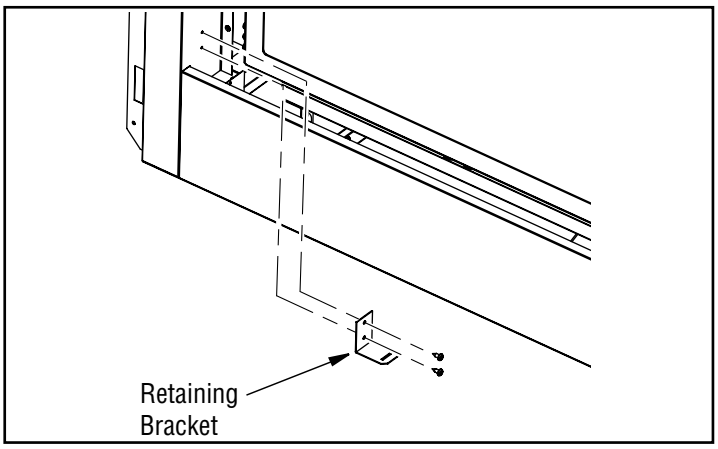



***Figure 41 - Installing Access Door Retaining Brackets for See-Thru Applications***

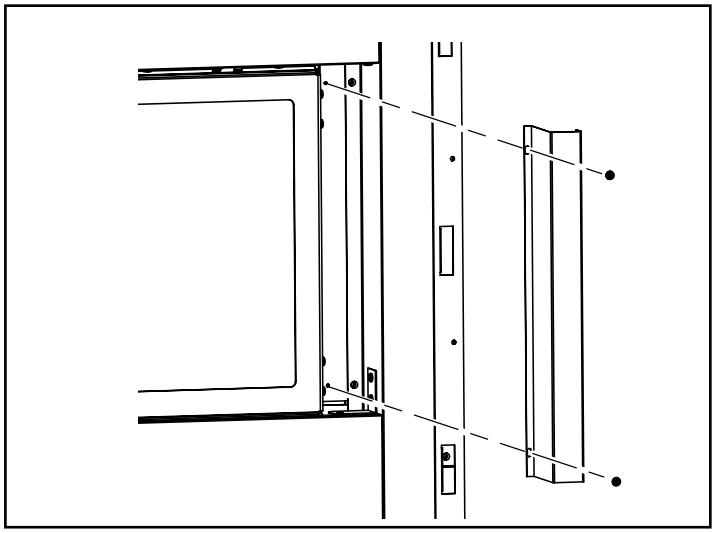


***Figure 42 - Installing Side Face Filler for See-Thru Applications***

**Installing Access Door**

1. Place access door into rectangular opening in front of the glass door with the slanted side facing forward. The slanted surface will slide underneath the flange of the bottom face Insert tabs on side of access door into slots on retaining brackets *(See **Figure 43**)*.

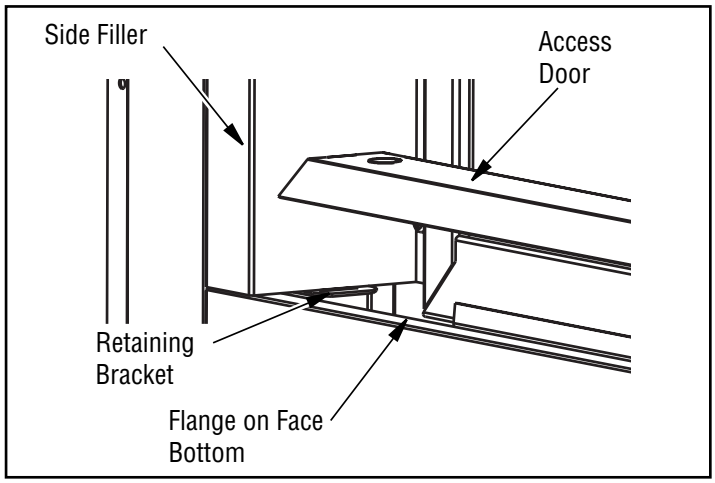



***Figure 43 - Access Door for See-Thru Applications***

**UPGRADING VENICELIGHTS43 TO INDOOR/OUTDOOR SEE-THRU APPLICATION**

**⚠ WARNING: LDSTI (F2312)must be installed before installing LDSTO (F2313).**

**Installing Exterior Door**

1. Center and level exterior door on rear face of the see-thru fireplace. Exact dimensions for the location of the door are shown in ***Figure 44***.
2. Using self tapping screws (provided) secure exterior door to the face of the fireplace by drilling through holes on door into the fireplace face *(**Figure 45**)*. You may chose to drill pilot holes into the face using a 1/8" drill bit. Do not use self tapping screws, use any #10 x 1/2" screw.
3. In locations of extreme weather, it is recommended to apply a bead of high temperature sealant around the edge where the exterior door meets the fireplace face.

***NOTE:*** When finishing the face of the exterior side of the fireplace, use only non-combustible materials. You may extend up to the edge of the exterior door covering up the screws used for installation.

**Installing Outdoor Barrier F2253.**

1. Using a flat head screwdriver, pop out the top and bottom trim pieces an shown in ***Figure 46***.
2. Remove the outside screws on both top and bottom but leaving two middle screws (top and bottom) in place.
3. Secure outdoor barrier using the four screws previously removed.
4. Secure top and bottom trims back in place.

**Removing Exterior Glass Door**

1. Using a flat head screw driver, pop out the top and bottom trim pieces as shown in ***Figure 46***.
2. Remove 8 screws at top and bottom of glass door and remove glass door.

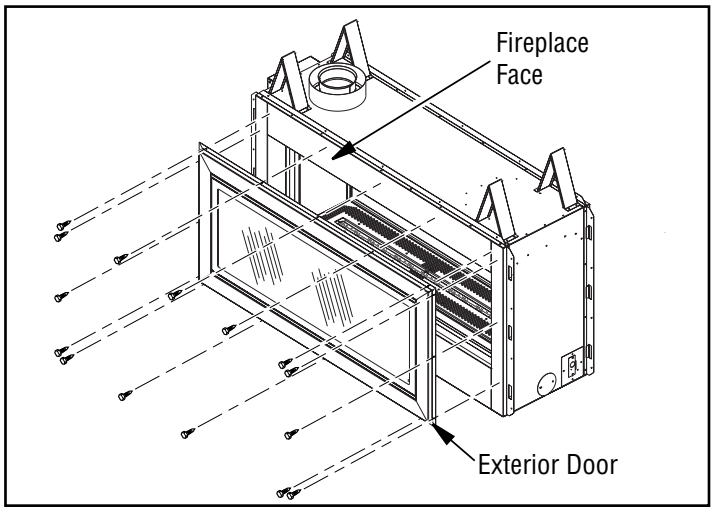



***Figure 45 - Installing Exterior Door for See-Thru In/Out Application***

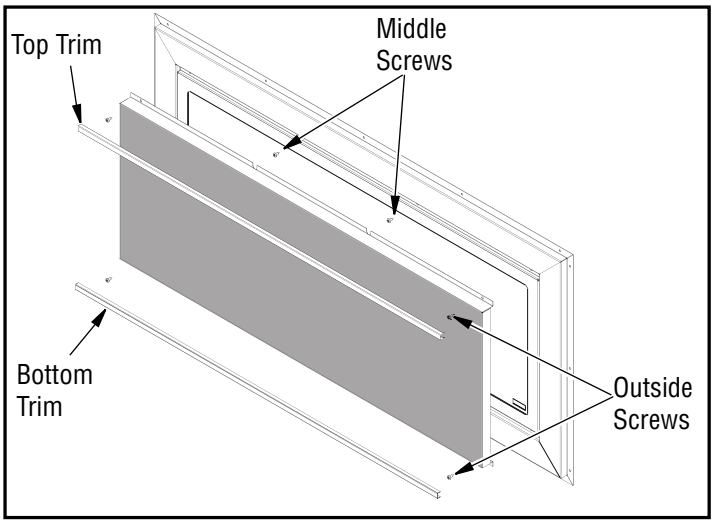



***Figure 46 - Removing Exterior Glass Door for Cleaning***

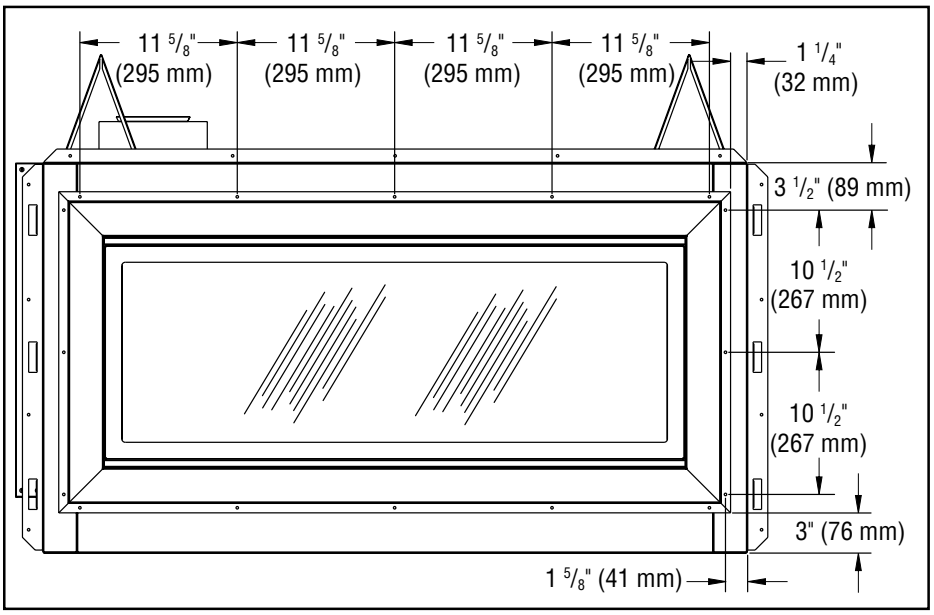



***Figure 44 - Installing Exterior Door for See-Thru In/Out Application***

## 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**
   **Astria.us.com**

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

### 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**
   **Astria.us.com**

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

### 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 - Nº de cat. H8024

   **IHP**
   **Astria.us.com**

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

### SAFETY LABEL DIAGRAMS




### DIAGRAMMES DES ÉTIQUETTES DE SÉCURITÉ




### DIAGRAMAS DE ETIQUETAS DE SEGURIDAD




***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.***

***Figure A***
***Figura A***




***Figure B***
***Figura B***




***Figure C***
***Figura C***



## FOR YOUR SAFETY READ BEFORE LIGHTING

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

**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.**

**C. 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.**

## LIGHTING INSTRUCTIONS

**NOTICE: During initial operation of new fireplace, burning will give off a paper-burning smell. Orange flame will also be present. Open 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 access door.
5. Turn equipment shutoff valve clockwise ↷ to the OFF position (see Figure 47). 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. 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 access door.
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 access door.
4. Turn equipment shutoff valve clockwise ↷ to OFF. Do not force.
5. Replace access door.

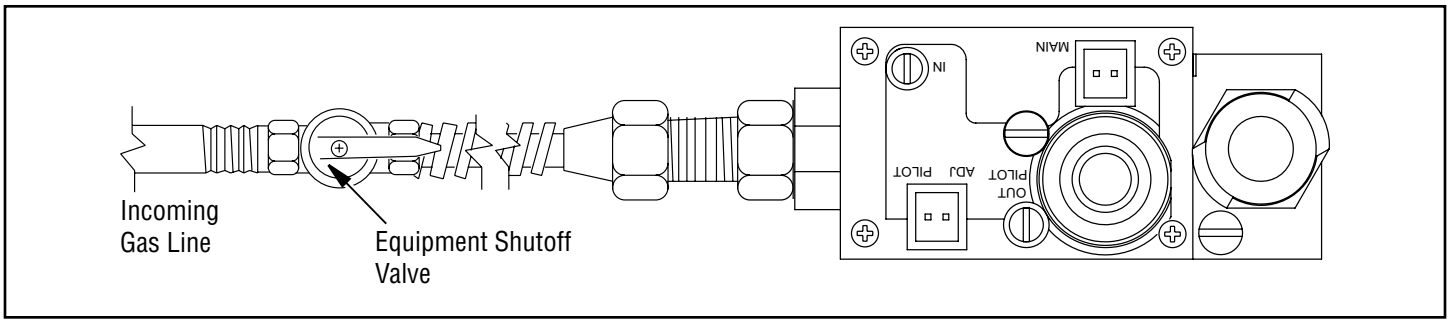



*Figure 47 - Turning Equipment Shutoff Valve to the OFF Position*

## 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**
   **Astria.us.com**

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

## 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**
   **Astria.us.com**

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

## 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 - Nº de cat. H8024

   **IHP**
   **Astria.us.com**

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

## SAFETY LABEL DIAGRAMS




## DIAGRAMMES DES ÉTIQUETTES DE SÉCURITÉ




## DIAGRAMAS DE ETIQUETAS DE SEGURIDAD




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

***Figure A***
***Figura A***




***Figure B***
***Figura B***




***Figure C***
***Figura C***



## 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 48**).* Do not remove the adjustment screw.
- See Troubleshooting, ***Page 41***

**BURNER AND PILOT FLAME APPEARANCE AND SOOTING**

The flame should be blue at the base, and yellow-orange in the body of the flame. When the fireplace is first lit, the entire flame may be blue and will gradually turn yellow-orange during the first 15 minutes of operation. If the flame remains blue, or if the flame is orange with evidence of sooting (black tip), the air shutter opening may need to be adjusted.

If the air shutter opening is closed too far, sooting may develop. Sooting is indicated by black puffs developing at the tips of very long orange flames. Sooting results in black deposits forming on the logs, fireplace inside surfaces, and on exterior surfaces adjacent to the vent termination.

Sooting is caused by incomplete combustion in the flames and lack of combustion air entering the air shutter opening. To achieve a warm yellow-orange flame with an orange body that does not soot, the shutter opening must be adjusted between these two extremes.

If burner flame pattern differs from that described:

- Turn fireplace off (see To Turn Off Gas to Appliance), ***Page 33***
- See Troubleshooting, ***Page 41***

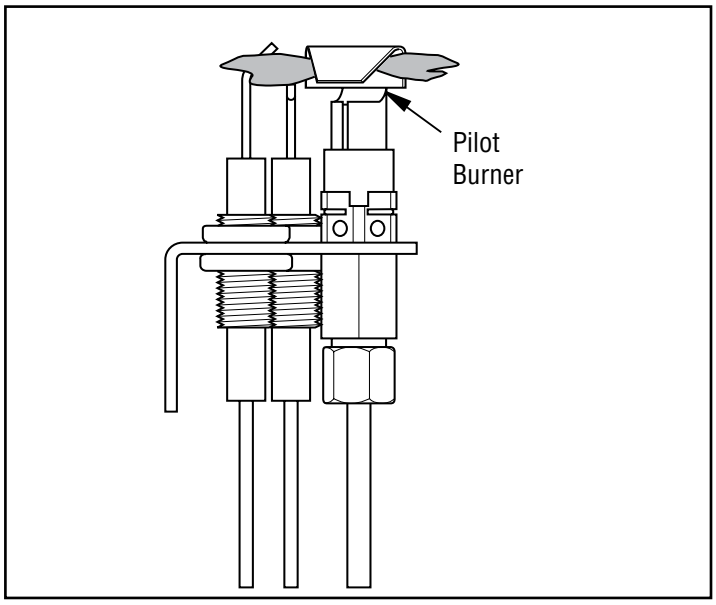



***Figure 48 - Correct Pilot Flame Pattern***

**⚠ 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 28*** 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 Replacement Parts, Page 47). 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 28**)*. 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 46*** for detail on ordering). No substitutions may be made. See Removing/Replacing Glass Door, Page 28 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.

### VENTING SYSTEM

***NOTE: Prior to the first use of the fireplace and each burn season and periodically during the burn season, inspect the horizontal termination for debris such as bird nests, leaves, paper or branches. Remove any items from the surfaces of the termination prior to use. Also be aware of shrubs and plantings that may encroach on the termination.***

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.

## REPLACING LIGHT BULBS

1. Unplug power
2. Remove access door *(see **Figure 43, Page 30**)*.
3. Remove glass door *(see **Figure 35, Page 28**)*.
4. Remove rear interior wall *(see **Figure 40, Page 30**)*.
5. Remove six screws holding pebble pan.
6. Using a small slotted screwdriver, carefully slide it under edge of light cover and pry it open.
7. Pull bulb out carefully and replace with bulb G9 120V/20W.
8. To replace, follow steps in the reverse order.

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 46).
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.

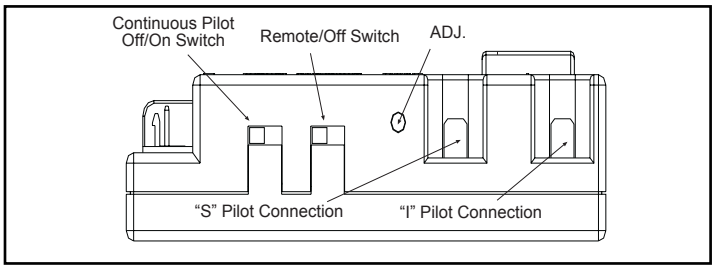



***Figure 49 - Gas Module Right Side***

**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 50).
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.

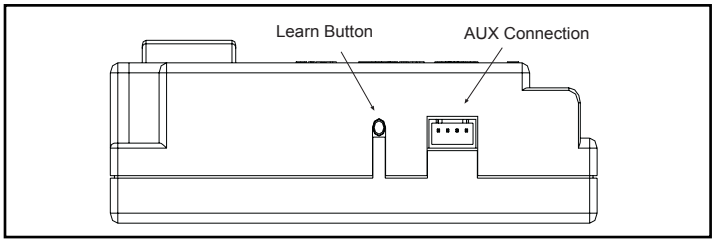



***Figure 50 - Gas Module Left Side***

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 on left side as shown in Figure 50. 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.

***NOTE:*** Make sure the valve module and light module are plugged into the electric duct assembly.

**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.

## REMOTE CONTROL OPERATION

This remote control system was developed to provide a safe, reliable, and user-friendly remote control system. The system can be operated manually from the transmitter.

The transmitter operates with (4) AAA 1.5V batteries that are included. Install the batteries supplied with the unit into the battery compartment. It is recommended that ALKALINE batteries always be used for this product. **Be sure the batteries are installed with the (+) and (-) ends facing the correct direction.**

When you start up the remote, if a low battery signal appears or if the LCD screen does not illuminate when you touch it, check battery position and if the batteries are fully charged.

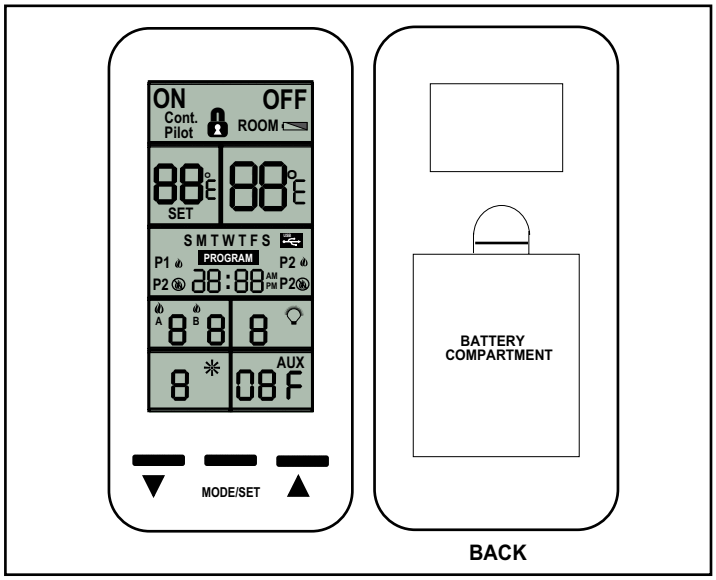



***Figure 51 - Remote Control Battery Compartment***

**TOUCH SCREEN LCD AND BUTTON LAYOUT**

Functional Description

***NOTE:*** All function adjustments will be automatically accepted 15 - seconds after pressing a given touch zone or button. The user may press the MODE/SET button to immediately accept the adjustment manually.

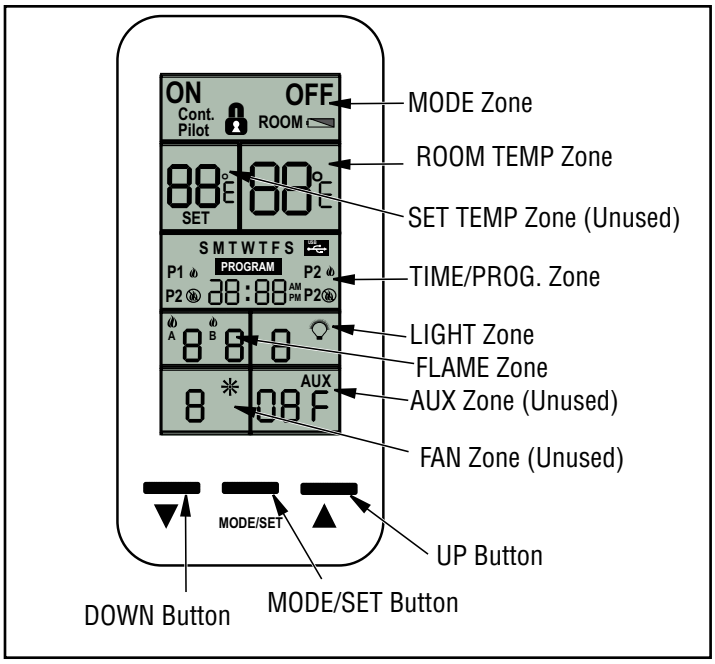



***Figure 52 - Touch Screen Settings***

**Day and Time Display**

- The current day of week and time of day will be continuously displayed in the TIME/PROG Zone (except during Setup operations).
- The day of week will be displayed as one of the following: S, M, T, W, T, F, S
- The time of day will be in 12-hour AM, 12-hour PM format. Midnight will be displayed as 12:00am.
- Day/Time Setup:
  - Press and hold the MODE Zone or the MODE/SET Button for 5 seconds to enter Day/Time Setup.
  - Press the UP or DOWN Buttons to adjust the day of week (press the MODE/SET Button or wait for 15 seconds for adjustment to be accepted, then enter hour of day adjustment).
  - Press the UP or DOWN Buttons to adjust the hour of the day. The time will advance in 1-hour increments; AM and PM will change when the hour advances to 12:00 midnight and 12:00 noon respectively (press the MODE/SET Button or wait for 15 seconds for adjustment to be accepted, then enter minute of hour adjustment).
  - Press the UP or DOWN Buttons to adjust the minute of the hour. The time will advance in 1-minute increments (press the MODE/SET Button or wait for 15 seconds and the transmitter will exit Day/Time Setup and return to normal operation).
  - LCD Displays – when in Day/Time Setup:

  MODE Zone: Blank
  ROOM TEMP Zone: Blank
  SET TEMP Zone: Blank
  LIGHT Zone: Blank
  FAN Zone: Blank
  TIME/PROG Zone: Day of Week, or Time of Day will Flash
  AUX Zone: Blank
  FLAME Zone: Blank

  - Temperatures may be displayed in degrees F (factory default) or degrees C. Press the up and down buttons simultaneously to change between degrees F. and C.

**MODES OF OPERATION**

**Operation modes:**

- MANUAL OFF
- MANUAL ON

The modes may be cycled in the order above by pressing the MODE Zone or the MODE/SET Button.

**MANUAL OFF MODE**

- Transmits flame OFF command.
- LCD Displays:
  - MODE Zone: OFF is displaye
  - ROOM TEMP Zone: Measured temperature is displayed
  - SET TEMP Zone: Blank
  - LIGHT Zone: LIGHT and light setting level is displayed
  - FAN Zone: Blank
  - TIME/PROG Zone: Current day indicator and current time is displayed
  - AUX Zone: Blank (AUX function is omitted on this control)
  - FLAME Zone: Blank

**MANUAL ON MODE:**

- Transmits flame ON command
- LCD Displays:
  - MODE Zone: ON is displayed
  - ROOM TEMP Zone: Measured temperature is displayed
  - SET TEMP Zone: Blank
  - LIGHT Zone: LIGHT and light setting level is displayed
  - FAN Zone: FAN and fan setting level is unused
  - TIME/PROG Zone: Current day indicator and current time is displayed
  - AUX Zone: Blank (AUX function is omitted on this control)
  - FLAME Zone: A&B Flame Icons and flame setting level numbers are displayed

**FLAME - A (OR MAIN) ADJUSTMENT**

- Transmits a flame height setting command to the control module to adjust the Flame-A height.
- Available settings are 1-7 with a factory default of 7. If the Flame-A setting is changed during operation (either manually or automatically), the control will remember and use the adjusted setting on subsequent manual ON cycles (Flame-A setting memory).
- While in MANUAL ON, or PROGRAM ON modes, press the FLAME Zone to enter Flame-A Adjustment, then press the UP or DOWN buttons to raise and lower the flame; press the MODE/SET Button or wait for 15 seconds to accept the new setting.
- LCD Display: When setting the Flame-A height, the Flame-A icon, and Flame-A setting number will flash in the FLAME Zone.

## REMOTE CONTROL OPERATION *Continued*

### LIGHT ADJUSTMENT

- Transmits a light setting command to the control module to adjust the light output level.
- Available settings are 0 (off) – 6 with a factory default of 0 (off).
- While in any mode of operation, press the LIGHT Zone to enter Light Adjustment, then press the UP or DOWN buttons to raise or lower the light output; press the MODE/SET Button or wait for 15 seconds to accept the new setting.
- LCD Displays:
  - When raising or lowering the light output level with the UP or DOWN buttons, the light icon and light setting number will flash in the LIGHT Zone.

### CONTINUOUS PILOT OPERATION

- To activate or deactivate the Continuous Pilot Feature, press and hold the MODE/SET and UP Buttons simultaneously for 5 seconds.
- LCD Display: When activated, CONT. PILOT will be displayed in the MODE Zone.

### CHILD-LOCK OPERATION

- Child-Lock operation prevents any user input to the transmitter. No mode of operation or feature may be adjusted when Child-Lock is activated. All automatic functions will continue normally.
- To activate or deactivate the Child-Lock feature, press and hold the MODE/SET and DOWN Buttons simultaneously for 5 seconds.
- LCD Displays:
  - When activated, the LOCK icon will appear in the MODE Zone.
  - If any touch-zone or button is pressed when activated, the LCD backlight will illuminate and the LOCK icon will flash for 5 seconds in the MODE Zone.

### SENSOR SAFETY OVERRIDE

- Will only operate if the control is in MANUAL OFF mode.
- Press and hold the FLAME Zone and the UP Button simultaneously activate the sensor safety override feature.
- The module will ignore any sensor faults, continually emit an igniter spark, and energize the PILOT operator output.
- When the buttons are released, the control will immediately return to MANUAL OFF mode.
- LCD Display:
  - When the Sensor Safety Override feature is activated, CONT. PILOT will flash on the LCD screen.

### COMMUNICATION SAFETY

- In manual ON and program modes of operation, the transmitter will send a communication safety transmission every 15 - minutes. This signal is further processed by the ignition control module to verify the transmitter is communicating properly.

## SPECIFICATIONS

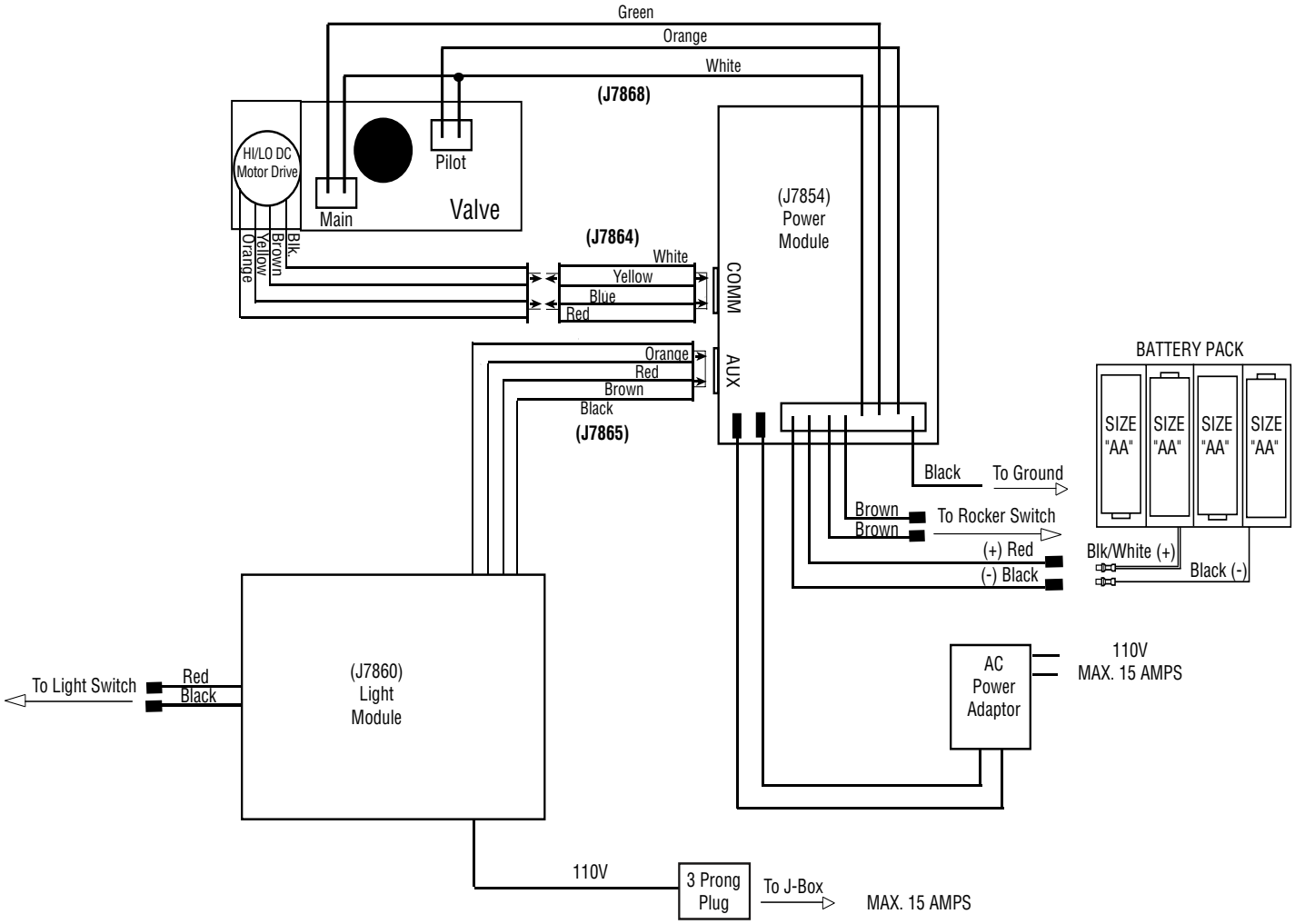
### VENICELIGHTS43TEN

- Rating: 35,000/22,000 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.
- Orifice: #33

### VENICELIGHTS43TEP

- Rating: 33,000/24,000 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.
- Orifice: #50

## WIRING DIAGRAM



## 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 |
|---|---|---|
| Pilot will not light | 1. No gas supply or shutoff valve is OFF | 1. Check to see if you have gas supply and that equipment shutoff valve is opened |
| | 2. Air in gas line | 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. Construction debris clogging pilot orifice | 3. Remove debris and dirt, inspect and clean any other possible obstructions |
| | 4. Low gas pressure | 4. Contact your gas supplier to check pressure |
| | 5. Kinked pilot line | 5. Have a qualified technician replace pilot line |
| | 6. Control valve is not opening | 6. Replace control valve *(Refer to Parts, **Page 44**)* |
| | 7. No power to unit or ignition module | 7. Check that main power is on and that all wire connections are made correctly to ignition model *(see Wiring Diagram, **Page 40**)*. |
| Pilot will not stay lit | 1. Loose wiring on igniter wire to ignition module and/or poor ground to ignition module | 1. Confirm the "S" wire and the "I" wire are properly connected to the module in the proper "S" and "I" terminals. Confirm that the spark to the pilot burner is properly grounded to the gas control valve and to the module. Check the 110 volt power source or the 6 volt battery back-up connections and condition of batteries. Check the position of the CONTINUOUS PILOT switch on the module. |
| | 2. Main burner does not come on when manual switch or remote control is turned on. | 2. Confirm the pilot is sparking and lights. Check the two plastic connectors that plug in the face of the gas control valve. Confirm the gas control valve is properly grounded to the module. |
| 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” | 1. Clean and adjust pilot flame for maximum flame impingement on igniter/sensor |
| | 2. Improper venting or excessive blockage | 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 | 1. Problem will stop after a few hours of operation |

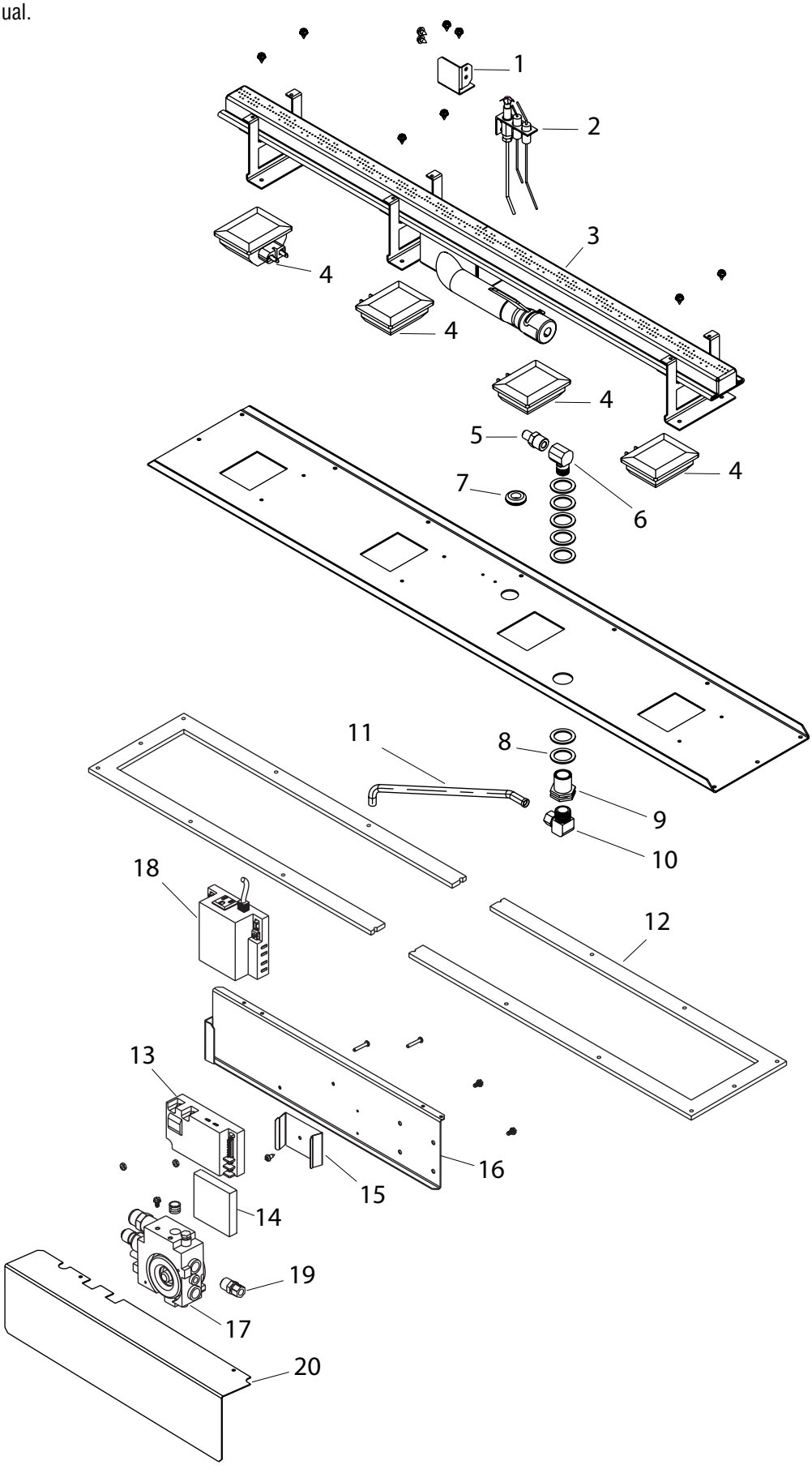
**⚠ WARNING: If you smell gas**
- **Shut off gas supply.**
- **Do not try to light any appliance.**
- **Do not touch any electrical switch; do not use any phone in your building.**
- **Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.**
- **If you cannot 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<br>2. Control valve defective | 1. Locate and correct all leaks *(see Checking Gas Connections, **Page 27**)*<br>2. Replace control valve |
| Gas odor during combustion | 1. Foreign matter between control valve and burner<br>2. Gas leak. See **Warning** statement at top of Page | 1. Take apart gas tubing and remove foreign matter<br>2. Locate and correct all leaks *(see Checking Gas Connections, **Page 27**)* |
| Glass soots | 1. Debris around burner air mixer<br>2. Improper vent configuration | 1. Inspect opening at base of burner to see that it is NOT packed with any type of material<br>2. Check vent configuration specification *(see Venting Installation, **Page 13**)* |
| Dark residue on inside of fireplace | 1. Air holes at burner inlet blocked<br>2. Burner flame holes blocked<br>3. Improper venting or excessive blockage | 1. Clean out air holes at burner inlets. Periodically repeat as needed<br>2. Remove blockage<br>3. Have vent system inspected, including termination cap. Remove any restrictions or obstruction |

# PARTS

**BURNER ASSEMBLY**

This list contains replaceable parts used in your fireplace. When ordering parts, follow the instructions listed under Replacement Parts on ***Page 47*** of this manual.



## PARTS

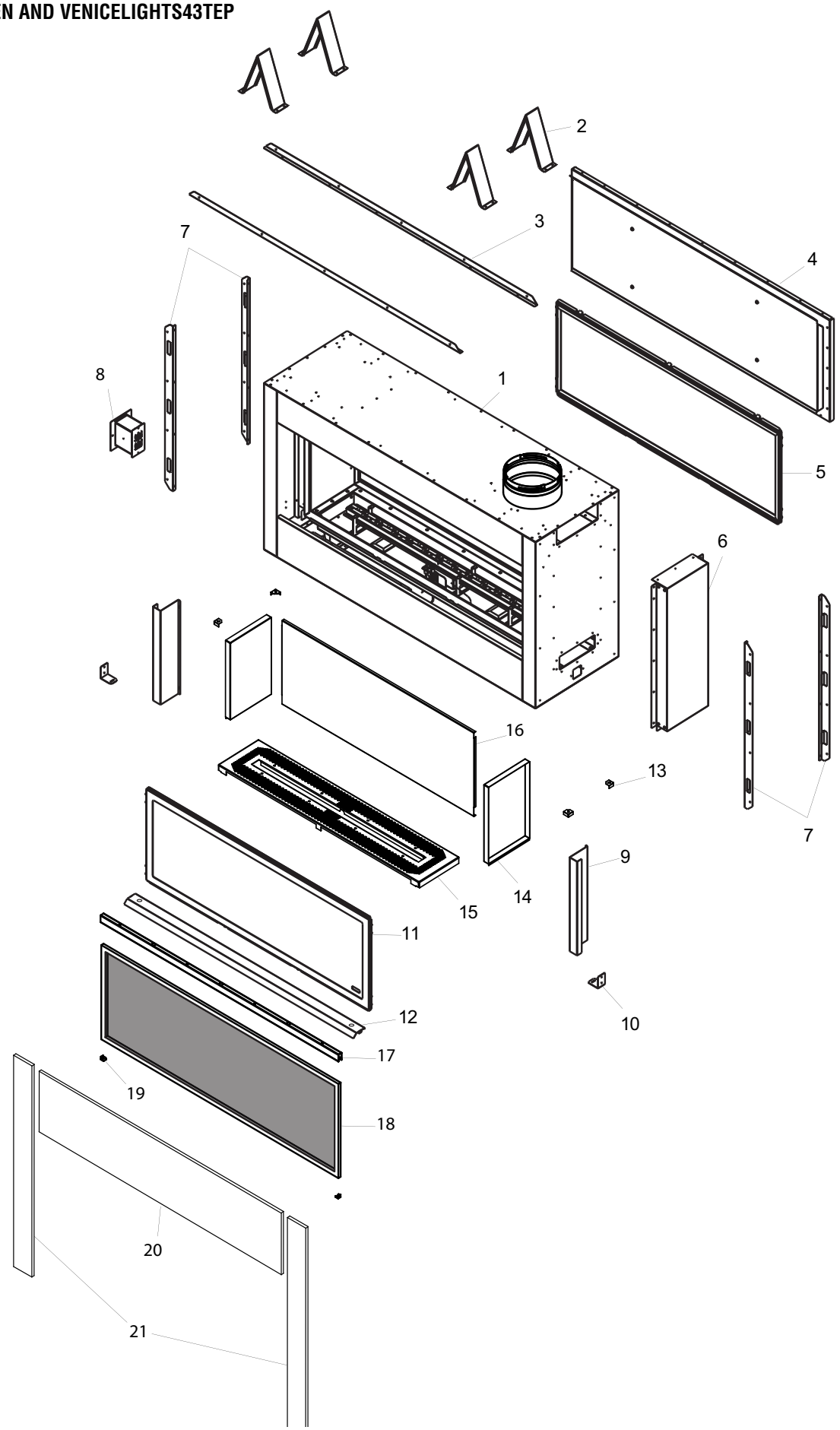
This list contains replaceable parts used in your fireplace. When ordering parts, follow the instructions listed under Replacement Parts on ***Page 47*** of this manual.

**⚠ 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 NO. | CATALOG NO. | DESCRIPTION | VeniceLights43TEN (F1497) | VeniceLights43TEP (F1498) | QTY. |
|---|---|---|---|---|---|
| 1 | J7839 | Pilot Bracket | • | • | 1 |
| 2 | J7840 | Pilot, NG | • | | 1 |
| | J7841 | Pilot, LP | | • | 1 |
| 3 | J7842 | Burner Assembly | • | • | 1 |
| 4 | J7843 | Light Assembly w/ Wire Harness | • | • | 1 |
| | J7844 | Light Bulb, G9 120V/20W | • | • | 4 |
| 5 | J7845 | Orifice, #33 | • | | 1 |
| | J7846 | Orifice, #50 | | • | 1 |
| 6 | J7847 | Brass Elbow | • | • | 1 |
| 7 | J7848 | Grommet | • | • | 1 |
| 8 | J7849 | Flat Washer | • | • | 7 |
| 9 | J7850 | Bulkhead Fitting | • | • | 1 |
| 10 | J7851 | Brass Elbow | • | • | 1 |
| 11 | J7852 | Flextube | • | • | 1 |
| 12 | J7853 | Burner Gasket | • | • | 2 |
| 13 | J7854 | Power Module | • | • | 1 |
| 14 | J7855 | Battery Backup | • | • | 1 |
| 15 | J7856 | Battery Backup Bracket | • | • | 1 |
| 16 | J7857 | Valve Bracket | • | • | 1 |
| 17 | J7858 | Valve, NG | • | | 1 |
| | J7859 | Valve, LP | | • | 1 |
| 18 | J7860 | Light Module | • | • | 1 |
| 19 | J7861 | Connector 3/8 Tube x 3/8 MPT | • | • | 1 |
| 20 | J7862 | Cover, Electronics LDV | • | • | 1 |
| | | **PARTS AVAILABLE NOT SHOWN** | | | |
| | J7863 | Glowing Embers (rockwool) | • | • | 1 |
| | J7864 | Wire Harness *(See Wiring Diagram, **Page 40**)* | • | • | 1 |
| | J7865 | Wire Harness *(See Wiring Diagram, **Page 40**)* | • | • | 1 |
| | J7866 | Remote Control | • | • | 1 |
| | J7867 | 30" Flex Line | • | • | 1 |
| | J7868 | Wire Harness *(See Wiring Diagram, **Page 40**)* | • | • | 1 |
| | J7869 | AC Adaptor (Power Cord) | • | • | 1 |
| | J6725 | Clear Pebbles (6 lbs) | • | • | 1 |
| | J7871 | Latch Opener | • | • | 1 |

# PARTS

**MODELS: VENICELIGHTS43TEN AND VENICELIGHTS43TEP**



# PARTS

## MODELS: VENICELIGHTS43TEN AND VENICELIGHTS43TEP

**⚠ 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 | VeniceLights43TEN (F1497) | VeniceLights43TEP (F1498) | QTY. |
|---|---|---|---|---|---|
| 1 | ** | Top Assembly Fireplace | • | • | 1 |
| 2 | J7874 | Top Spacer | • | • | 4 |
| 3 | J7875 | Top Nailing Flange | • | • | 2 |
| 4 | J7876 | Rear Panel | • | • | 1 |
| 5 | J7877 | False Door Assembly | • | • | 1 |
| 6 | ** | Side Plenum Assembly | • | • | 1 |
| 7 | J7879 | Side Nailing Flange | • | • | 4 |
| 8 | J7880 | Electric Duct Assembly | • | • | 1 |
| 9 | J7881 | Side Face Filler | • | • | 2 |
| 10 | J7882 | Access Cover Retaining Bracket | • | • | 2 |
| 11 | J7883 | Ceramic Door Assembly | • | • | 1 |
| 12 | J7884 | Cover Assembly Mesh Linear DV | • | • | 1 |
| 13 | J7885 | Corner Bracket | • | • | 4 |
| 14 | J7886 | Side Walls | • | • | 2 |
| 15 | J7887 | Pebble Pan | • | • | 1 |
| 16 | J7888 | Rear Wall | • | • | 1 |
| 17 | J7889 | Rail, Barrier Linear | • | • | 1 |
| 18 | J7457 | Barrier, 43" | • | • | 1 |
| 19 | J7890 | Retainer, safety Barrier | • | • | 2 |
| 20 | J6434 | Board,Concrete Top | • | • | 1 |
| 21 | J6435 | Board,Concrete Side | • | • | 2 |

**Not a field replaceable part

## 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 Astria.us.com.

## REPLACEMENT PARTS

See ***Pages 43 to 46*** 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 Astria.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 this accessory thru your IHP distributor or dealer.

| CAT NO. | MODEL | DESCRIPTION |
|---|---|---|
| **LINEAR DECORATIVE SURROUND KITS** | | |
| F4216 | DS-BLK-43 | Decorative Surround for 43" Linear Fireplace - Black |
| F4217 | DS-AS-43 | Decorative Surround for 43" Linear Fireplace - Aged Silver |
| F4218 | DS-AC-43 | Decorative Surround for 43" Linear Fireplace - Aged Copper |
| **LINEAR SEE-THRU CONVERSION KITS** | | |
| F2312 | LDSTIB | 43" Linear Direct-vent See-Thru Door Kit |
| F2313 | LDSTOB | 43" Linear Direct-vent Outdoor Door Kit |
| F2253 | VLBAR | 43" Linear Direct-vent Outdoor Barrier Kit |
| **GLASS MEDIA** | | |
| F1097 | GP43A | 6.0 lb. Bag Smooth Glass Pebbles - Amber |
| F1098 | GP43B | 6.0 lb. Bag Smooth Glass Pebbles - Blue |
| F1099 | GP43G | 6.0 lb. Bag Smooth Glass Pebbles - Green |
| F1101 | GP43C | 6.0 lb. Bag Smooth Glass Pebbles - Clear |
| **PROPANE/NATURAL GAS CONVERSION KIT** ***IMPORTANT:*** NOT to be used for High Altitude | | |
| F1980 | PCDE-43LDV | Propane/LP Gas Conversion Kit |
| F1981 | NCDE-43LDV | Natural Gas Conversion Kit |
| **TOUCH-UP PAINT KITS** | | |
| F3373 | HTIPSB | Black Touch-Up Paint, Firebox Interior |
| F1882 | SCTPSAB | Black Touch-Up Paint, Powder Coat Exterior |

## NOTES

# Innovative Hearth Products
# Astria® Brand Gas Fireplace
# Limited Lifetime Warranty

### THE WARRANTY

Innovative Hearth Products ("IHP") Limited Lifetime Warranty warrants your Astria® brand gas fireplace ("Product") to be free from defects in materials and workmanship at the time of manufacture. The product body, firebox and barrier carry the Limited Lifetime Warranty. Ceramic glass carries the Limited Lifetime Warranty against thermal breakage only. After installation, if covered components manufactured by IHP are found to be defective in materials or workmanship during the Limited Lifetime 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 Limited Lifetime 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 Limited Lifetime 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 Limited Lifetime Warranty from the date of installation. Vent components, trim components and paint are excluded from this Limited Lifetime Warranty. The following do not carry the Limited Lifetime Warranty but are warranted as follows:

**Burner** – Repair or replacement for five years from the date of installation
**Gas components & electrical components** – Repair or replacement for one year from the date of installation
**Gaskets** – Repair or replacement for one year from the date of installation
**Gold & nickel plating** - Replacement for two years from date of installation. Excludes tarnishing
**Labor coverage** – Prevailing IHP labor rates apply for the warranty period of the component
**Light bulbs & batteries** – Replacement for 90 days from the date of installation
**Logs** – Replacement for five years 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 & optional glass accessories** – Repair or replacement for 90 days from the date of installation
**Optional surrounds** – Stone/Natural Materials: Replacement for one year against cracking or breakage due to thermal stress. Other Materials: Replacement for one year. Excludes surface and hairline cracks and scratches or slight color changes that do not affect the operation or safety of the unit
**Tempered Glass** -Replacement for one year from the date of installation

**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 Limited Lifetime 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 Limited Lifetime Warranty. The duration of any implied warranty is limited to the duration of this expressed warranty.

No one is authorized to change this Limited Lifetime 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 Limited Lifetime 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 Limited Lifetime Warranty and to decide, in its sole discretion, upon the method of settlement.

To receive the benefits and advantages described in this Limited Lifetime 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.ASTRIA.US.COM.

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**P/N 900199-00, Rev. C 02/2018**

**Astria.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 | |

NATIONAL FIREPLACE INSTITUTE NFI CERTIFIED www.nficertified.org

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.

**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.**

INNOVATIVE HEARTH PRODUCTS

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