astria FIREPLACES™

Intertek

Intertek Report No. 100513650PRT-001

P/N 506025-14 Rev. NC 12/2013

This manual is part of a set of two supporting this product.
Refer to P/N 506023-22 for Installation Instructions.
Ce manuel est disponible en francais, simplement en faire la demande. Numéro de la pièce 506025-15.

CARE AND OPERATION INSTRUCTIONS

Montebello DLX 40 and 45 in. Direct Vent Gas Fireplaces

MODELS

MontebelloDLX40TEN	MontebelloDLX45TEN
MontebelloDLX40TEP	MontebelloDLX45TEP
MontebelloDLXCD40TEN	MontebelloDLXCD45TEN
MontebelloDLXCD40TEP	MontebelloDLXCD45TEP

WHAT'S INSIDE

Table of Contents 2
Safety and Your Fireplace 2
FREE Safety Guard Offer (Protects Against Burns) 2
Important Safety Information 4
Attaching the Safety-in-Operation Warnings 5

[EN FRANÇAIS] **L'information de sûreté importante** 3–4
Apposition des mises en garde relatives à la sécurité d'utilisation 5
[EN ESPAÑOL] **Información importante de seguridad** 3–4
Colocación de advertencias de seguridad en operación 5

Decorative Product: Not for use as a heating appliance.

NOTICE: Fireplace is not to be operated by a thermostat.



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.



⚠ WARNING / AVERTISSEMENT / AVISO

HOT GLASS WILL CAUSE BURNS.
DO NOT TOUCH GLASS UNTIL COOLED
NEVER ALLOW CHILDREN TO TOUCH GLASS.



UNE SURFACE VITRÉE CHAUDE PEUT CAUSER DES BRÛLURES.
LAISSER REFROIDIR LA SURFACE VITRÉE AVANT D'Y TOUCHER.
NE PERMETTEZ JAMAIS À UN ENFANT DE TOUCHER LA SURFACE VITRÉE.

EL VIDRIO CALIENTE CAUSARÁ QUEMADURAS.
USTED DEBE NUNCA TOCAR EL VIDRIO CALIENTE.
LOS NIÑOS DEBEN NUNCA TOCAR EL VIDRIO.

WARNING: If the information in these instructions is not followed exactly, a fire or explosion may result, causing property damage, personal injury, or death.

- 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.
  - 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 : Assurez-vous de bien suivre les instructions données dans cette notice pour réduire au minimum le risque d'incindie ou d'explosion ou pour éviter tout dommage matériel, toute blessure ou la mort.

- 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.
  - 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.

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.

Register your product online today!

To help us keep you up-to-date on product information and offers, please take a few moments to register your product online at **www.astria.US.com**

• FREE SAFETY GUARD OFFER •

*The **SAFETY GUARD** protects against severe burns and injuries by preventing direct contact with the front glass surface of your fireplace.*

NOTE: Safety Guards may not be available for some older models that are no longer in production.

TABLE OF CONTENTS

Safety and Your Fireplace 2
Important Safety Information 4
Attaching the Safety-in-Operation Warnings. 5
Appliance Installation, Service, And Maintenance Notices. 6
Appliance Operation Notices 6
Warranty Information 2
General Information 2
Operation And Care Of Your Appliance 8
Maintenance. 2
Front Glass Enclosure Panel, Removal, and Installation. 2
Log, Volcanic Stone, and Glowing Ember Placement. 2
Burner Adjustments 2
Flame Appearance and Sooting 2
Burner Air Shutter Adjustment. 14
Electronic Appliance Checkout. 14
Ordering Replacement Parts 2
Wiring 2
Accessory Components 2
Lighting Instructions 2
Maintenance Schedule 2
Troubleshooting Guide. 2
Replacement Parts List 2

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.

Safety and Your Fireplace

All parts of your Innovative Hearth Products fireplace get EXTREMELY HOT!

☐ To prevent severe burns and injuries, install a screen or physical barrier to prevent direct contact with the glass.

To order a FREE SAFETY GUARD for your fireplace, see details at left.

☐ 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 (see ***Page 5***).

☐ Read **Important Safety Information** on ***Page 4***.

[FRENCH]

La sécurité et votre foyer

Toutes les parties de votre foyer Innovative Hearth Products deviennent EXTRÊMEMENT CHAUDES !

☐ Afin d'éviter de vous brûler gravement ou de vous blesser, installez une grille ou une barrière physique pour empêcher tout contact direct avec la vitre.

Pour commander un PANNEAU DE PROTECTION GRATUIT pour votre foyer, consultez les détails dans la partie gauche.

☐ 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 **(voir *Page 5*).**

☐ Lisez la section **Informations importantes relatives à la sécurité, *Page 4*.**

[SPANISH]

Seguridad y su chimenea

¡Todas las partes de la chimenea Innovative Hearth Products se ponen MUY CALIENTES!

☐ Instale una malla o barrera física para evitar el contacto directo con el vidrio y prevenir las quemaduras y lesiones graves.

Ver los detalles a la izquierda para ordenar un SAFETY GUARD GRATIS para su chimenea.

☐ 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 **(ver la *Página 5*).**

☐ Lea la **Información importante** de seguridad en la ***Página 4*.**

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 or guard 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, etcetera. It is imperative that control compartments, burners, and circulating air passageways of the appliance be kept clean. See maintenance instructions on page 9.**

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 utiliser cet appareil s'il a été plongé, même partiellement, dans l'eau. Appeler un technicien qualifié pour inspecter l'appareil et remplacer toute partie du système de commande et toute commande qui a été plongée 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 9.**

[SPANISH]

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.**
7. **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.**
8. **Cualquier malla o resguardo de seguridad quitado para dar servicio a un artefacto, debe reinstalarse antes de operar el artefacto.**
9. **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 9.**

HOMEOWNER'S INSTRUCTIONS—ATTACHING SAFETY IN OPERATION WARNINGS

ATTACHING SAFETY IN OPERATION WARNINGS

Your fireplace has been furnished with safety instruction labels that are to be affixed to the operation and control points of the fireplace. A safety instruction label should be affixed to the receiver wall switch plate where the fireplace is turned on and off *(See **Figure A**)* and the remote control handheld transmitter *(**Figure B**)*. 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 receiver that controls the fireplace (verify the switch operates the fireplace by turning it on and off). Clean the wall receiver plate thoroughly to remove any dust and oils. Affix the label to the surface of the plate of the wall receiver that controls the fireplace *(**Figure A**)*. Choose the language primarily spoken in the home.
2. Locate the remote control transmitter and clean it thoroughly to remove any dust and oils. Affix the label to the surface of handheld transmitter *(**Figure B**)*. Choose the language primarily spoken in the home.
3. If you are unable to locate the labels, please call Innovative Hearth Products or your nearest Innovative Hearth Products dealer to receive additional safety instruction labels free of charge.

   Cat. No. H8024 Replacement Label Kit

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 devrait être collée sur la plaque du récepteur mural contrôlant l'allumage du foyer *(voir **Figure A**)* et sur le boîtier de la télécommande *(**Figure B**)*. 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 le récepteur 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 du récepteur mural pour éliminer la poussière et les traces de graisse ou d'huile. Collez l'étiquette sur la surface de la plaque du récepteur mural qui contrôle le foyer *(**Figure A**)*. Choisissez la langue qui est principalement parlée dans la résidence du propriétaire.
2. Repérez la télécommande et 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 B**)*. Choisissez la langue qui est principalement parlée dans la résidence du propriétaire.
3. Si vous ne trouvez pas les étiquettes, veuillez appeler Innovative Hearth Products ou votre distributeur Innovative Hearth Products local pour recevoir gratuitement des étiquettes supplémentaires.

   Étiquettes de remplacement, n° cat. H8024

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 los puntos de operación y control de la chimenea. Se debe colocar una etiqueta de instrucciones de seguridad en la placa del interruptor de pared del receptor desde el cual se enciende y se apaga la chimenea *(ver la **Figura A**)* y en el transmisor de control remoto *(**Figura B**)*. 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 receptor de pared que controla la chimenea (verifique que el interruptor opera la chimenea encendiéndola y apagándola). Limpie bien la placa del receptor de pared para quitar el polvo y aceite. Pegue la etiqueta en la superficie de la placa del receptor de pared que controla la chimenea *(**Figura A**)*. Seleccione el idioma que más se habla en la casa.
2. Identifique el transmisor de control remoto y límpielo bien para quitar el polvo y aceite. Pegue la etiqueta en la superficie del transmisor *(**Figura B**)*. Seleccione el idioma que más se habla en la casa.
3. Si no puede encontrar las etiquetas, sírvase llamar a Innovative Hearth Products o al distribuidor de Innovative Hearth Products más cercano para recibir etiquetas de instrucciones de seguridad adicionales gratuitas.

   Juego de etiquetas de repuesto—Nº de cat. H8024

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



Figure A



Figure B



NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE.

APPLIANCE INSTALLATION, SERVICE, AND MAINTENANCE NOTICES

WARNING: Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner's information manual provided with this appliance. For assistance or additional information consult a qualified installer, service agency or the gas supplier.

AVERTISSEMENT : Une installation, un réglage, une modification, une réparation ou un entretien mal effectué peut causer des dommages matériels ou des blessures. Voir la notice de l'utilisateur qui accompgne l'appareil. Pour de l'aide ou des renseignements supplémentaires, consultez un installateur, un technicien agréé ou le fournisseur de gaz.

Only trim kit(s) supplied by the manufacturer shall be used in the installation of this appliance.

Seules les trousses de garniture fournies par le fabricant doivent être utilisées pour l'installation de cet appareil.

These appliances must not be connected to a chimney or flue serving a separate solid fuel burning appliance.

Any change to this appliance and/or its operating controls is dangerous. Improper installation or use of this appliance can cause serious injury or death from fire, burns, explosion or carbon monoxide poisoning.

CARBON MONOXIDE POISONING: Early signs of carbon monoxide poisoning are similar to the flu with headaches, dizziness and/or nausea. If you have these signs, obtain fresh air immediately. Turn off the gas supply to the appliance and have it serviced by a qualified professional, as it may not be operating correctly. Some people are more affected by carbon monoxide than others, including pregnant women, people with heart or lung disease or anemia, those under the influence of alcohol, and those at high altitudes.

Turn off gas and electrical power to the fireplace and allow it to cool before cleaning or servicing the appliance.

The vent termination is hot while in operation and for a period of time following the use of the fireplace. Young children should be carefully supervised when they are in the same area as a hot termination.

APPLIANCE OPERATION NOTICES

Do not operate appliance with the glass front removed, cracked, or broken.

These fireplaces are vented gas appliances. Do not burn wood or other material in these appliances.

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

Cet appareil doit être utilisé uniquement avec les types de gaz indiqués sur la plaque signalétique. Ne pas l'utiliser avec d'autres gaz sauf si un kit de conversion certifié est installé.

These appliances are designed to operate on natural gas or propane gas only. The use of other fuels or combinations of fuels will degrade the performance of this system and may be dangerous.

Provide adequate clearances around air openings and adequate accessibility clearance for service and proper operation. Never obstruct the front openings of the appliance.

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 that has been under water.

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

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

WARRANTY INFORMATION

Your gas appliance is covered by a limited lifetime warranty. You will find a copy of the warranty accompanying this manual. Please read the warranty to be familiar with its coverage.

Retain this manual. File it with your other documents for future reference.

Failure to comply with the installation and operating instructions provided will result in an improperly installed and operating appliance, voiding its warranty.

Do not attempt to alter or modify the construction of the appliance or its components. Any modification or alteration may void the warranty, certification, and listings of this unit.

GENERAL INFORMATION

The fireplace models covered in this manual are direct-vent, sealed combustion gas fireplaces designed for residential application. Direct-vent appliances operate with the combustion chamber completely isolated from the indoor environment.

All air for combustion is brought in from the outside and exhaust gases are vented through the same direct-vent, co-axial (intake/exhaust) vent system.

The appliances are designed to operate on natural or propane gas only and contain an electronic intermittent pilot system. Electrical power (120 Vac line voltage) is recommended to operate the fireplace; however, four (4) "AA" batteries can be used for full-time operation or as a backup in case of a power outage.

These appliances comply with National Safety Standards and are tested and listed by Intertek (Report No. 100513650PRT-001) to ANSI Z21.50 (in Canada, CSA-2.22), and CAN/CGA-2.17-M91 in both the USA and Canada as vented gas fireplaces.

The Installation must conform to local codes or, in the absence of local codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA 54—latest edition, or the Natural Gas and Propane Installation Code, CAN/CGA-B149.1—latest edition. The 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—latest edition, or the Canadian Electrical Code, CSA C22.1—latest edition.

BTU INPUT

The BTU Input for these appliances are shown in ***Table 1.***

Model No.	Input (BTU/Hr)
Natural Gas	
40 in.	32,000–50,000
45 in.	38,500–60,000
Propane Gas	
40 in.	32,000–50,000
45 in.	38,500–60,000

Table 1: Input (BTU/HR)

GAS PRESSURE

Table 2 and Table 3 show the appliances' gas pressure requirements.

Fuel #	Minimum	Maximum
Natural Gas	5.5" WC (1.37 kPa)	10.5" WC (2.61 kPa)
Propane	11.0" WC (2.74 kPa)	13.0" WC (3.23 kPa)

Table 2: Inlet Gas Supply Pressure

Fuel #	Low	High
Natural Gas	1.6" WC (.4 kPa)	3.5" WC (.87 kPa)
Propane	6.3" WC (1.57 kPa)	10.0" WC (2.49 kPa)

Table 3: Manifold Gas Supply Pressure

Test gauge connections are provided on the front of the gas control valve, identified IN for the inlet and OUT for the manifold side (see ***Figure 1 on Page 8***). The control valves have a 3/8" (10 mm) NPT thread inlet and outlet side of the valve.

Propane tanks are at pressures that will cause damage to valve components. Verify that the tanks have step down regulators to reduce the pressure to safe levels.

The appliance and its appliance main gas valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures **in excess of** 1/2 psi (3.5 kPa).

The appliance must be isolated from the gas supply piping system by closing its equipment shutoff valve during any pressure testing of the gas supply piping system at test pressures **equal to or less than** 1/2 psi (3.5 kPa).

Orifice Sizes— Sea Level to High Altitude (All Models)

These appliances are tested and approved for installation at elevations of 0-4500 feet (0-1372 meters) above sea level using the standard burner orifice sizes (marked with an "*" in ***Table 4***).

For elevations above 4500 feet, contact your gas supplier or qualified service technician.

Deration—At higher elevations, the amount of BTU fuel value delivered must be reduced by either using gas that has been derated by the gas company or by changing the burner orifice to a smaller size as regulated by the local authorities having jurisdiction and by the (USA) National Fuel Gas Code NFPA 54/ANSI Z223.1—latest edition or, in Canada, the CAN/CGA-B149.1 codes—latest edition.

Install the appliance according to the regulations of the local authorities having jurisdiction and, in the USA, the National Fuel Gas Code NFPA 54 / ANSI Z223.1—latest edition or, in Canada, the CAN/CGA-B149.1—latest edition.

Flame breadth, height and width will diminish 4% for every 1,000 feet of altitude.

Model		Natural Gas drill size (in.)	Propane drill size (in.)
Traditional	40 in.	0.1405" (#28)* • H2286	0.086" (#44)* • H2287
	45 in.	0.154" (#23)* • H8808	0.093" (#42)* • H4816
Contemp	40 in.	0.0700" (#50)*	0.0700" (#50)*
	45 in.	0.0700" (#50)*	0.0700" (#50)*

*** Standard size installed at factory**
• Part /Cat. Number

Table 4: Burner Orifice Sizes, Elevation 0–4500 ft (0–1372 m)

In Canada—CAN/CGA-2.17-M91 (R2009) (high altitude):

THE CONVERSION SHALL BE CARRIED OUT BY A MANUFACTURER'S AUTHORIZED REPRESENTATIVE, IN ACCORDANCE WITH THE REQUIREMENTS OF THE MANUFACTURER, PROVINCIAL OR TERRITORIAL AUTHORITIES HAVING JURISDICTION AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE CAN/CGA-B149.1 OR CAN/CGA-B149.2 INSTALLATION CODES.

Burn-in Period

During the first few fires of this appliance there will be some odor due to the curing of the paint and burning off of lubricants used in the manufacturing process. Depending on your use, the burn-in period may take a few hours or a few days.

KEEP YOUR HOUSE WELL VENTILATED DURING THE CURING PROCESS. THE ODOR AND HAZE EMITTED DURING THE CURING PROCESS CAN BE QUITE NOTICEABLE AND MAY SET OFF A SMOKE DETECTOR.

NOTICE: A white film may develop on the glass enclosure panel during the first few fires as part of the burn-in process.

The first few times you use the fireplace, clean the glass after each use (AFTER THE GLASS HAS COMPLETELY COOLED); otherwise, the white film will bake onto the glass and become difficult to remove.

See glass cleaning instructions on ***Page 9***.

OPERATION AND CARE OF YOUR APPLIANCE

⚠ WARNING

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.

⚠ AVERTISSEMENT

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.

Gas Controls / Control Compartment Access

The gas controls can be found on the right hand side of the appliance as shown in ***Figure 2***.

The standard controls for appliance operation are remote wall switch and remote control.

Operation and Care of Your Appliance

Familiarize yourself with the gas control valve that your appliance uses. Refer to ***Figure 2*** for access to the gas control valve.

Appliances are fitted with the electronic valve shown in ***Figure 1***.

To light the appliance refer to the detailed lighting instructions (see ***Page 18***). The appliance lighting instructions can also be found on the pull-out lighting instruction labels attached to the gas control valve.

Your appliance is equipped with a wall receiver switch and a remote control.

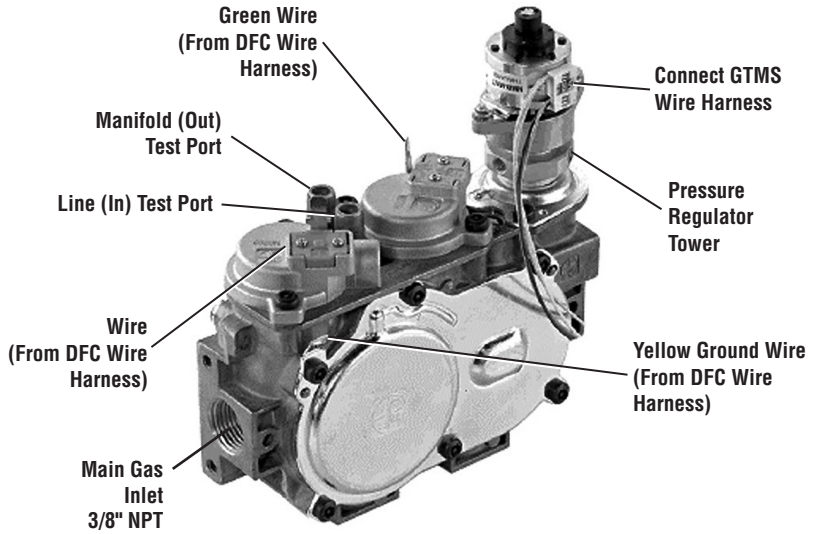


Figure 1—SIT Proflame Valve

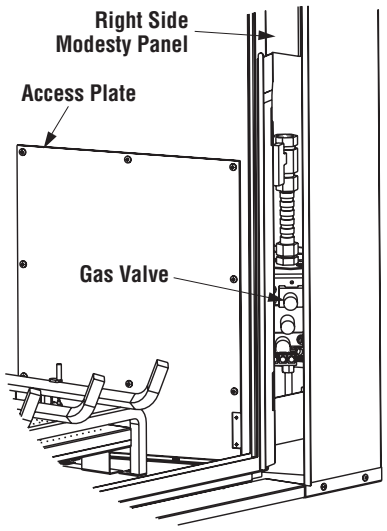


Figure 2—Fireplace Interior, Right Side

Variable Flame Height Adjustment

All appliances are equipped with a variable gas control valve. Flame height for these models may be adjusted through a range between fixed low and high settings, alternately, while the appliance is in operation. Use the remote control to adjust the flame height as desired.

NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE.

MAINTENANCE

(See Maintenance Schedule, *Page 20)*

Refer to the maintenance schedule for maintenance tasks, procedures, frequency and by whom they should be performed. Always verify proper operation of the appliance after servicing.

⚠ WARNING

Turn off gas and electrical power to the fireplace and allow it to cool before cleaning or servicing the appliance.

CAUTION: Wear gloves and safety glasses for protection while doing required maintenance.

Verify proper operation after servicing.

S'assurer que l'appareil fonctionne adéquatement une fois l'entretien terminé.

Always turn off the gas before cleaning. Before re-lighting, refer to the lighting instructions in this manual. Instructions are also found on a pull-out panel located in the control compartment.

Always keep the appliance area clear and free from combustible materials, gasoline and other flammable liquids.

Inspect Venting System

The appliance and venting system should be thoroughly inspected before initial use and at least annually by a qualified service technician (inspection should include ensuring that exhaust or intake passages are unobstructed and vent components are properly assembled and not damaged). **Homeowner must contact a qualified service technician at once if any abnormal condition is observed.**

If the venting system is disassembled for any reason, a qualified service technician should follow vent installation instructions for proper reassembly and proper sealing of the venting system components. However, more frequent periodic inspections and cleanings should be performed by the homeowner.

Glass Cleaning

(see *Front Glass Enclosure Panel, Removal and Installation* on ***Page 10***).

NOTE: *Clean glass after first two weeks of operation (after Burn-In period is over) and then only when necessary and when the fireplace is cool. Wipe surface with a clean, dampened, soft cloth. Follow with a dry, soft towel as desired. Take care not to scratch the glass surface.*

WARNING: Do not use abrasive cleaners on glass. Never clean the glass when it is hot.

The viewing glass should be cleaned periodically to remove any build-up caused from the following:

- During start-up, it is normal for condensation to form on the inside of the glass (this condensation and fog will usually disappear in a few minutes). The moisture can cause lint, dust and other airborne particles to cling to the glass surface.
- Initial curing of the high temperature paint and burning off of lubricants used in the manufacturing process may result in a film on the glass.
- A white coating may form on the glass as a result of impurities and minerals in the fuel.

It is recommended that the glass be cleaned two or three times during each heating season, depending on the circumstances present. The following cleaning solutions are approved for use to clean glass:

- Non-ammonia based household cleaner
- Gas fireplace/stove glass cleaner

Inspect Glass Gasket—Visually inspect the gasket on the backside of the glass enclosure panels. The gasket surface must be clean, free of irregularities and seated firmly.

Clean Control Compartment

Keep control compartment clean by vacuuming or brushing at least twice a year. More frequent cleaning may be required due to excessive lint from carpeting, bedding materials, etc. It is important that control compartments, burners and circulating air passageways of the appliance be kept clean.

Clean Logs and Burner

Carefully remove the logs (use care when handling the fiber logs, as they become quite fragile after curing). Vacuum out any foreign matter (lint, carbon, etc.) on the burner. Ensure the burner ports are "open." Remove any carbon deposits from the under side of the logs using a vacuum cleaner, or a soft bristled brush (i.e. paint brush).

NOTE: *Improper positioning of logs can create carbon build-up and will alter the performance of the appliance.*

Replacing Logs

If the logs become damaged by accident or improper handling and need replacement, use only the proper replacement logs from manufacturer (see ***Page 22*** for ordering information).

Reinstall Embers, Volcanic Stone and Logs

Carefully follow placement instructions on ***Pages 11 and 12***. All logs should fit onto corresponding pins and/or log stoppers. This will ensure a proper flame and safe combustion.

NOTE: *If installing the Contemporary Burner/ Floor Kit, skip this step and instead refer to the instructions provided with the kit.*

Inspect Wiring

Refer to wiring diagrams on ***Page 15.***

CAUTION: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.

ATTENTION: Au moment de l'entretien des commandes, étiquetez tous les fils avant de les débrancher. Des erreurs de câblage peuvent entraîner un fonctionnement inadéquat et dangereux.

Inspect and clean all wire connections. Ensure that there is no melting or damage. Inspection should include:

- Terminals at the Valve
- Wall OFF/ON Switch

Low Battery Power Detection

The life span of the remote control system batteries depends on these factors:

- the quality of the batteries used
- the number of appliance ignitions

When the batteries are low, the receiver will emit two (2) "beeps" (low battery alert) every time it receives a command from the transmitter.

After the batteries are replaced it will emit one (1) "beep" when a command is sent by pressing any key on the transmitter. See ***"Initialization of The System"*** located in the Installation Instructions.

Inspect Burner Flame and Pilot Flame Appearance

Periodically do a visual check of the burner flame and the pilot flame. Ensure that the burner flame appearance resembles the flame shown in ***Figures 12 and 13*** and as described in *Flame Appearance and Sooting* on ***Page 13***. Refer to ***Figure 15*** on ***Page 14*** for more information about the pilot flame appearance. Contact a qualified service technician at once if any abnormal condition is observed.

Small Area Paint Touch-up

Only use a factory supplied paint kit for touch-ups. Paint is available at your local Innovative Hearth Products dealer. Never attempt to paint a hot fireplace.

Do not attempt to repaint the appliance until the finish is completely cured (see *Burn-In Period* on ***Page 7***). If the surface later becomes stained or marred, it can be lightly sanded and touched up with spray paint (see ***Page 9***).

FRONT GLASS ENCLOSURE PANEL, REMOVAL AND INSTALLATION

⚠ WARNING

- When reinstalling the glass door, the door latch screws must be securely tightened to prevent the glass door from falling out, which could potentially cause damage and possible injury.
- Do not attempt to substitute the materials used on this door, or replace cracked or broken glass.
- Handle this glass with extreme care! Glass is susceptible to damage – Do not scratch or handle roughly while reinstalling the glass door frame.
- The glass door of this appliance must only be replaced as a complete unit as provided by the manufacturer. Do not attempt to replace broken, cracked or chipped glass separately.
- Do not attempt to touch the front enclosure glass with your hands while the fireplace is in use.

⚠ WARNING

Do not operate appliance with the glass front removed, cracked or broken.

⚠ AVERTISSEMENT

Ne pas utiliser l'appareil si le panneau frontal en verre n'est pas en place, est craqué ou brisé.

⚠ WARNING

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

⚠ AVERTISSEMENT

Tout écran ou protecteur retiré pour permettre l'entretien de l'appareil doit être remis en place avant de mettre l'appareil en marche.

Only doors certified with the appliance shall be used.

Seules des portes certifiées pour cet appareil doivent être utilisées.

WARNING: DO NOT abuse glass door by striking or slamming shut.

These are direct-vent appliances. They are designed to operate only when the front glass enclosure panel is installed. Generally the front glass enclosure panel should not be removed except to gain access to the components within the firebox.

Removing Glass Enclosure Panel

Refer to ***Figure 3***. To remove the firescreens, lift up the center of the rod to disengage it from the center bracket, bend down at center, hold left side with hand until it disengages from left side, being careful not to scratch paint. Slowly remove the rod from the right side.

Remove the door modesty shield from the top flange of the glass door by pulling it up firmly with both hands until it is disengaged. Using a Phillips head screwdriver, unfasten the two (2) screws located at the top of the glass frame.

Tilt the glass frame at the top away from the unit. Lift it carefully off the bottom door track and set the door aside, protecting it from inadvertent damage.

To install the front glass door assembly, proceed as follows:

1. Retrieve the glass door assembly. Visually inspect the gasket on the backside of the panel. The gasket surface must be clean, free of irregularities and seated firmly.
2. Position the door frame in front of the firebox opening and engage the bottom flange over the rail at the bottom of the firebox opening.
3. Swing the door up and back. Ensure the gasket seats evenly as the door draws shut. Engage the nut insert and fasten with two screws to secure the door.
4. Install the door modesty shield on top flange glass door as follows: grab the door modesty shield with both hands, with the open hem going down and engage it with the upper lip of the glass door frame by pushing it all the way down. Make sure the installed shield is firmly in place.
5. With the firescreen hanging on the screen rod, drop in the right side of the rod to the right modesty panel. Then drop in the left side of the rod through the slot of the left modesty panel. Make sure that the rod is supported by the bracket in the center of the fireplace.

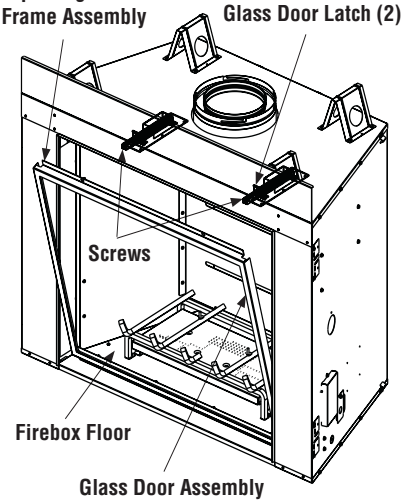


Figure 3—Glass Door Assembly Removal/Installation

NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE.

INSTALL VOLCANIC STONE, GLOWING EMBERS, AND LOGS (TRADITIONAL ONLY), OR GLASS MEDIA (CONTEMPORARY ONLY)

NOTE: If installing the Contemporary Burner/Floor Kit, skip this step and instead refer to the instructions provided with the kit.

⚠ WARNING

- **DO NOT attempt to install the logs until the appliance installation has been completed, the gas line connected and tested for leaks and the initial burner operation has been checked out.**
- **The size and position of the log set was engineered to give the appliance a safe, reliable and attractive flame pattern. Any attempt to use a different log set in the fireplace will void the warranty and will result in incomplete combustion, sooting, and poor flame quality.**
- **Logs get very hot and will remain hot up to one hour after gas supply is turned off. Handle only when logs are cool. Turn off all electricity to the appliance before you install grate, volcanic stone, embers, and logs.**
- **This appliance is not designed to burn wood. Any attempt to do so could cause irreparable damage to the appliance and prove hazardous to your safety.**
- **If logs are not installed according to the log installation instructions, flame impingement and improper combustion could occur and result in soot and/or excessive production of carbon monoxide (CO), a colorless, odorless, toxic gas.**

1. Install the ceramic or porcelain panels, per the instructions provided in kit (refer to document 506019-98).
2 Place volcanic stone around the burner, as shown in ***Figure 4***.
3. Separate the glowing embers from the larger bag into pieces about the size of a quarter, as shown in ***Figure 5***. Mix the glowing embers with the bag of platinum embers also provided with the fireplace. Keep the pieces fluffed, not matted. Distribute these pieces over the burner as shown in ***Figure*** 6. Do not use more glowing embers than necessary. When properly positioned, the glowing embers will cover approximately 75% of the burner for natural gas applications. For propane gas, do not place any glowing embers on the main ports.

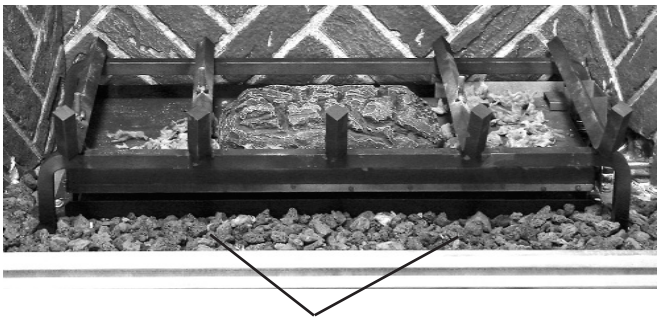
   NOTE*: Excessive use of glowing embers may result in sooting or poor flame. This appliance is provided with enough glowing embers for several applications. Do not use all provided, in one application. For best glowing effect, replace the ember material annually. Replacement glowing embers (P/N 88L53) and platinum embers (P/N H8312) are available.*

4. Position the individual logs as shown in ***Figure 7*** through ***Figure 11*** on ***Page 11***. Logs should be placed in the order shown. Place logs 2 and 3 against the pins on the grate, NOT over them.

   Proper log and twig placement is critical to encourage outstanding flame appearance and prevent sooting. When positioned properly as shown, twigs will be positioned between flame peaks and will not impinge any flames. Positioning is the same for all colors of log sets.

Cat. No.	Model	Description
88L53	FGE	Bag of Glowing Embers
80L42	FDVS	Bag of Volcanic Stone
H8312	PGE	Bag of Platinum Embers

Table 5—Firebox Accessories / Parts



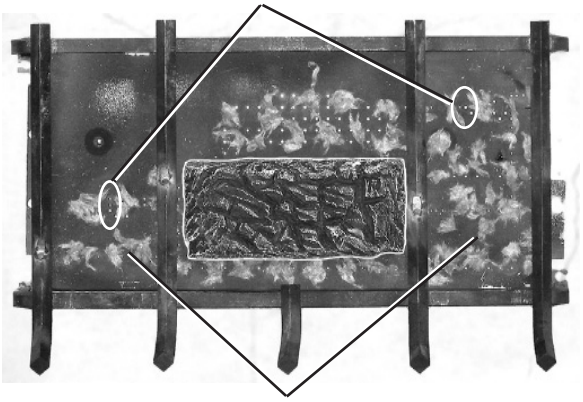
Volcanic Stone

Figure 4—Volcanic Stone Placement



Figure 5—Glowing Ember Separation

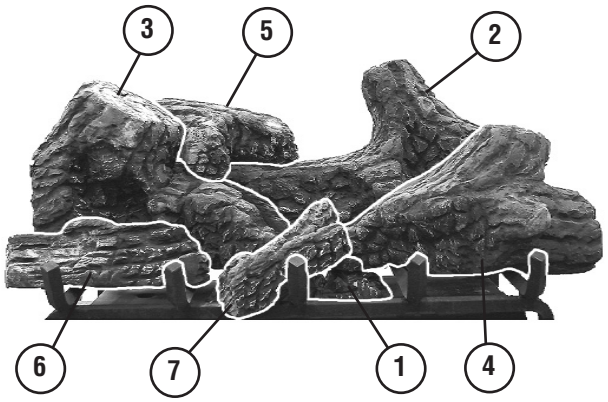
Main Ports.



Glowing Embers

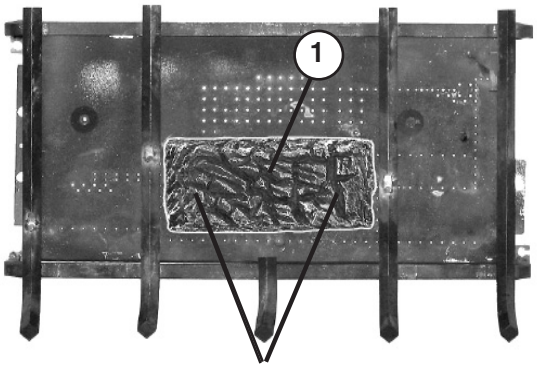
Figure 6—Glowing Ember Placement

Traditional Only: Log Placement



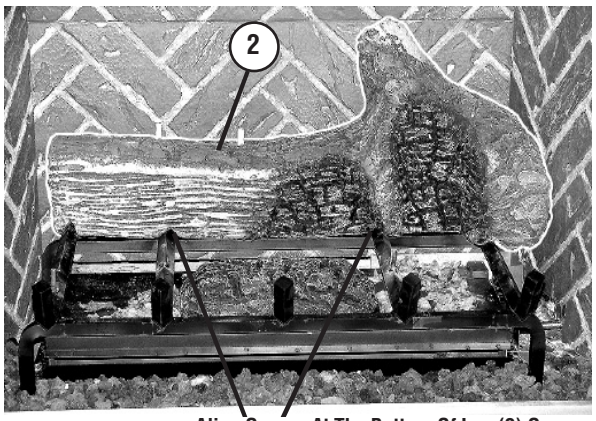
Log Number	Description
1	Log, Center
2	Log, Rear
3	Log, Center/Left
4	Log, Center/Right
5	Log, Rear/Top
6	Log, Front/Left
7	Log, Front/Center

Table 6 - Log Set



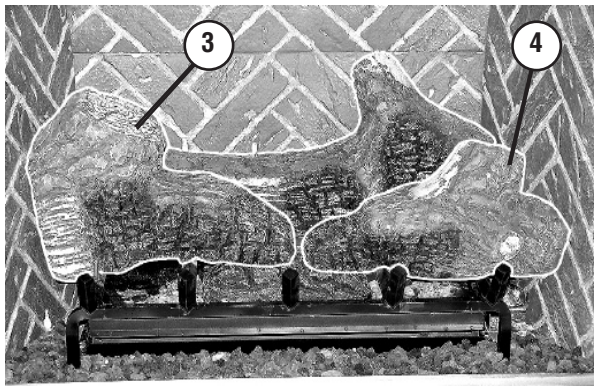
Align Two Holes At Bottom Of Log (1) Over The Pins On The Gas Burner.

Figure 7 - Placing Log 1



Align Groove At The Bottom Of Log (2) Over The Grate And Push It Towards The Rear.

Figure 8 - Placing Log 2



Engage Logs (3 & 4) With The Grate Pins And Align Groves At The Bottom Of The Logs Over The Grate.

Figure 9 - Placing Logs 3 and 4

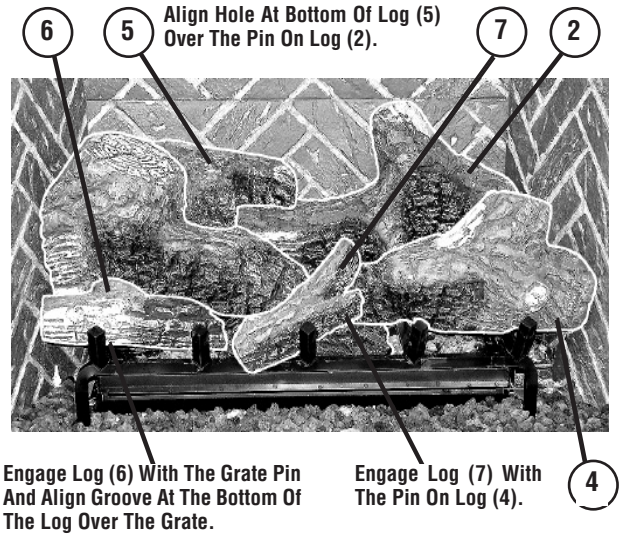


Figure 10 - Placing Logs 5, 6, and 7

Contemporary Only: Glass Media Placement

1. Spread a thin layer of the media evenly on the burner and media screen.



Figure 11 - Glass media installed

2. On the corner of the right media screen, arrange the media to allow the pilot flame to reach the burner during lighting.

NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE.

BURNER ADJUSTMENTS
(QUALIFIED TECHNICIANS ONLY)

Flame Appearance and Sooting

Proper flame appearance is a flame which is blue at the base and becomes yellowish-orange in the body of the flame.

When the appliance is first lit, the entire flame may be blue and will gradually turn yellowish-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, appliance 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 yellowish-orange flame with an orange body that does not soot, the shutter opening must be adjusted between these two extremes.



Figure 12—Burner Flame Appearance

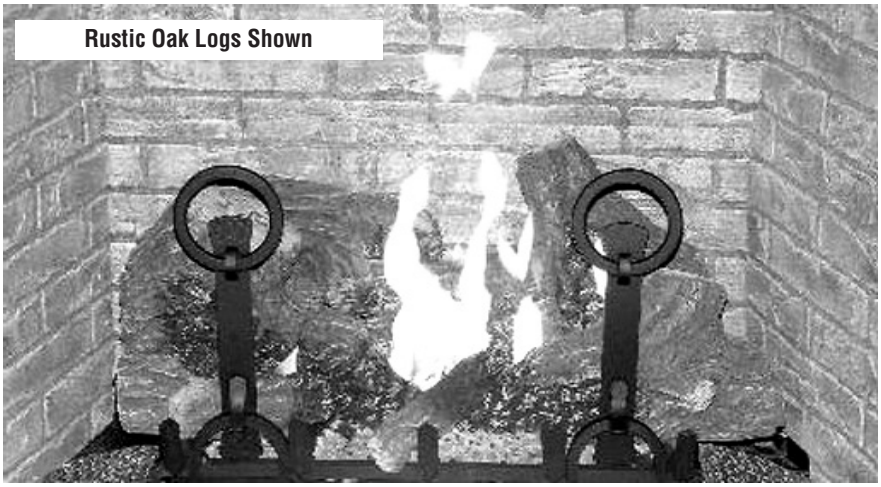


Figure 13—Burner Flame Appearance

BURNER FLAME ADJUSTMENTS
(QUALIFIED TECHNICIANS ONLY)

⚠ WARNING

- **Air shutter adjustment should only be performed by a qualified professional service technician.**
- **Ensure that the front glass door assembly is in place and sealed After adjustment.**

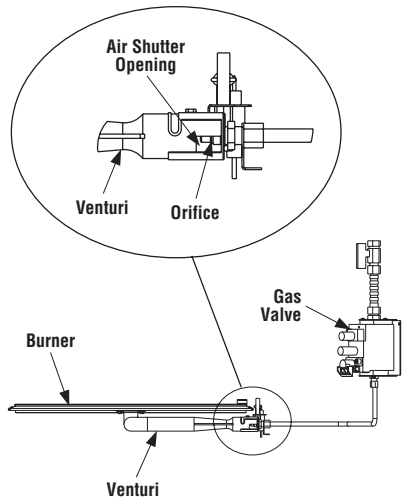
⚠ CAUTION

Soot will be produced if the air shutter is closed too much. Any damage due to carboning resulting from improperly setting the air shutter is not covered under the warranty.

To adjust the flame, rotate the air shutter toward the back or toward the front of the fireplace. Position the air shutter to the factory setting as shown in ***Figure 14***. Allow the burner to operate for at least 15 minutes. Observe the flame. If it appears weak or sooty as previously described, adjust the air shutter until the flame appearance is as desired.

Use the remote to adjust the flame height as desired.

Propane models may exhibit a flame pattern that may "candle" or appear stringy. If this is problematic or persists as the appliance is continually operated, close the air shutter, as described here. Operate the appliance for a period of time as the effect diminishes, ensuring that the appliance does not develop sooty flames. When satisfied that the appliance operates properly, proceed to finish the installation.



Main Burner Factory Air Shutter Opening Setting—Inches (millimeter)		
Model	**Nat.Gas**	**Propane Gas**
40 in.	1/16 (1.59)	9/32 (7.14)
45 in.	1/16 (1.59)	9/32 (7.14)

Figure 14—Air Shutter Adjustment

Electronic Appliance Checkout

To light the burner, turn on the remote control. Ensure the igniter lights the pilot. The pilot flame should engulf the flame rod as shown in ***Figure 15***.

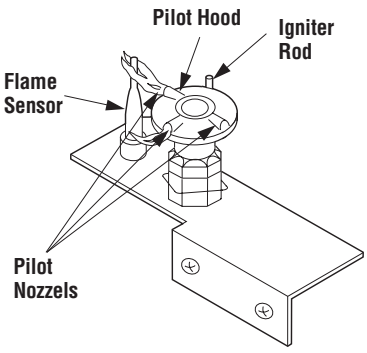


Figure 15—Pilot Assembly—Proper Pilot Flame Appearance

NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE.

ORDERING REPLACEMENT PARTS

A complete parts list is found at the end of this manual. Use only parts supplied from the manufacturer.

With proper care and maintenance, your appliance will provide many years of enjoyment. If you should experience any problem, first refer to the troubleshooting guide in this manual. If problem persists, contact your Innovative Hearth Products dealer or distributor.

Normally, all parts should be ordered through your Innovative Hearth Products distributor or dealer.

Parts will be shipped at prevailing prices at time of order.

When ordering repair parts always provide:

1. The model number of the appliance.
2. The serial number of the appliance.
3. The part number.
4. The description of the part.
5. The quantity required.
6. The installation date of the appliance.

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

PRODUCT REFERENCE INFORMATION

We recommend that you record the important reference information about your fireplace in the space provided below.

Please call Innovative Hearth Products for the phone number of your nearest Innovative Hearth Products dealer who will answer your questions or address your concerns.

INNOVATIVE HEARTH PRODUCTS
1508 Elm Hill Pike, Suite 108
Nashville, TN 37210

Visit us at
www.astria.US.com

Fireplace Model Number _____

Fireplace Serial Number _____

Date Installed _____

Type of Gas Used in Fireplace _____

Dealer Name _____

WIRING

Wiring diagrams are provided here for reference purposes only. This information is also provided on schematics attached directly to the appliance on a pullout panel located within the control compartment.

CAUTION: LABEL ALL WIRES PRIOR TO DISCONNECTION WHEN SERVICING CONTROLS. WIRING ERRORS CAN CAUSE IMPROPER AND DANGEROUS APPLIANCE OPERATION.

ATTENTION : AU MOMENT DE L'ENTRETIEN DES COMMANDES, ÉTIQUETEZ TOUS LES FILS AVANT DE LES DÉBRANCHER. DES ERREURS DE CÂBLAGE PEU-VENT ENTRAÎNER UN FONCTIONNEMENT INADÉQUAT ET DANGEREUX.

SCHEMATIC REPRESENTATION ONLY

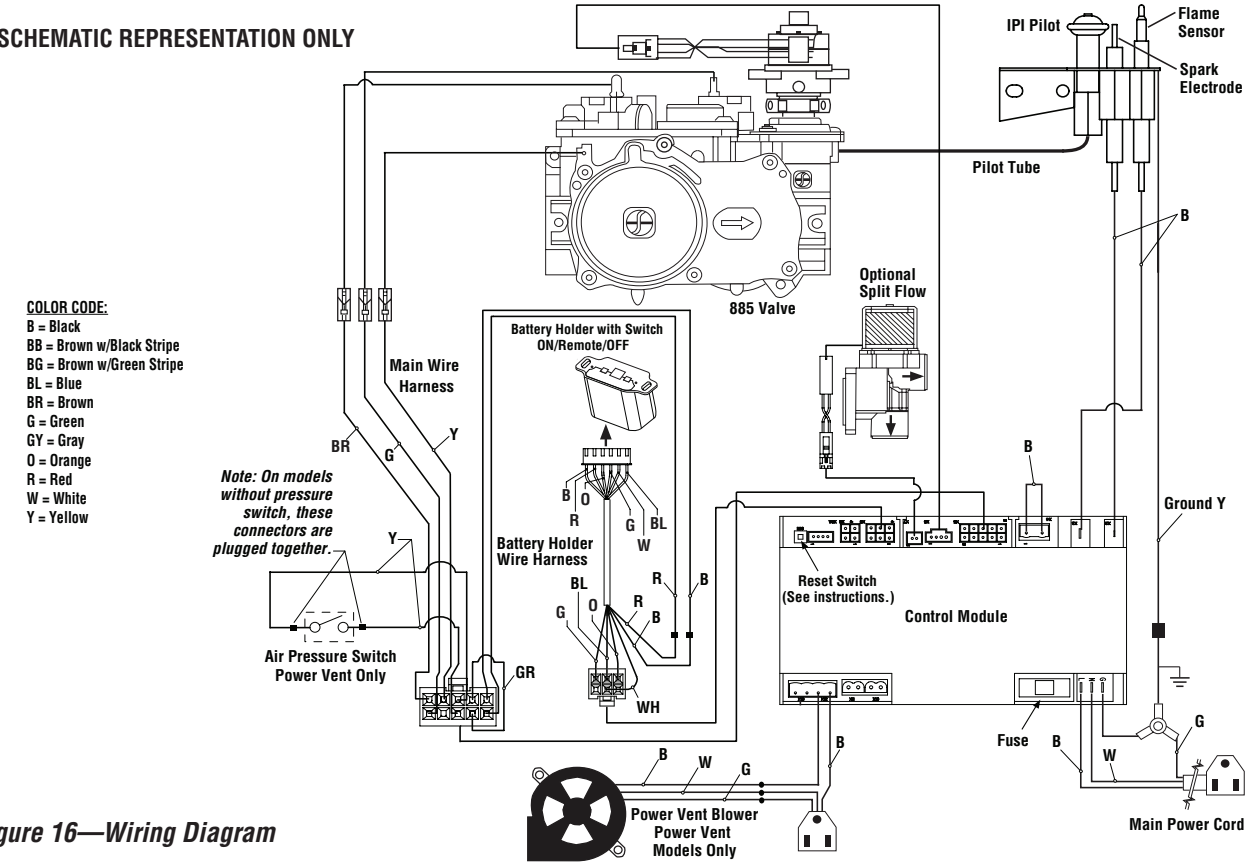


Figure 16—Wiring Diagram

NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE.

ACCESSORY COMPONENTS

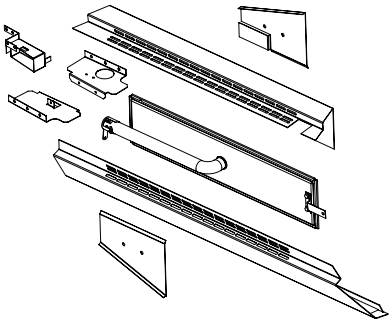
Product Reference Information			
Cat. No.	*Model*	*Ship. Wt.*	*Ship. Volume*
H8575	DRT6340TEN	307 lb.	57.1 cu. ft.
H8576	DRT6340TEP	307 lb.	57.1 cu. ft.
H8578	DRT6345TEN	300 lb.	58.0 cu. ft.
H8579	DRT6345TEP	300 lb.	58.0 cu. ft.

Bag of Glowing Embers
Bag of Volcanic Stone
Bag of Platinum Embers



Replacement ember material, volcanic stone and vermiculite are available for use with these appliances. Order them to replace materials as part of the periodic maintenance of the appliance.

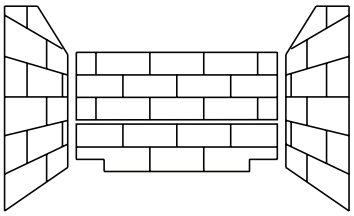
Firebox Accessories/Parts		
Cat. No.	Model	Description
88L53	FGE	Bag of Glowing Embers
80L42	FDVS	Bag of Volcanic Stone
H8312	PGE	Bag of Platinum Embers



Floor Options

Optional contemporary burner/floor kits include the burner and porcelain floors and requires purchase of a porcelain panel kit and one glass media kit.

Contemporary Burner/Floor Kits		
Cat. No.	Model	Description
H8694	CBFK-MDLX40	Contemporary Burner/Floor Kit, 40 in.
H8695	CBFK-MDLX45	Contemporary Burner/Floor Kit, 45 in.



Firebox Liner Kits

Choose from ceramic brick or porcelain panels.

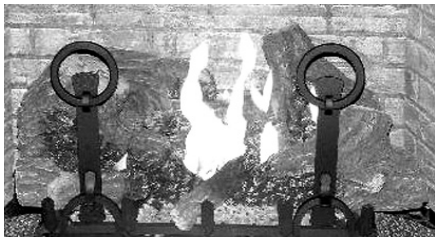
Ceramic and Porcelain Firebox Liner Kits		
Fireplace	Cat. No. / Model	Description
40 in.	H8697 LKC-BFRS-MDLX40	Ceramic, Buff Rustic
	H8698 LKC-RDRS-MDLX40	Ceramic, Red Rustic
	H2220 BLKH-LSM40	Ceramic, Buff Herringbone
	H4803 BLK-REDH-LSM40	Ceramic, Red Herringbone
	H8581 LKP-BK-MDLX40	Porcelain, Black
45 in.	H8699 LKC-BFRS-MDLX45	Ceramic, Buff Rustic
	H8700 LKC-RDRS-MDLX45	Ceramic, Red Rustic
	H2224 BLKH-LSM45	Ceramic, Buff Herringbone
	H4804 BLK-REDH-LSM45	Ceramic, Red Herringbone
	H8696 LKP-BK-MDLX45	Porcelain, Black



Touch-Up Paint Kit

Repair of minor scratches and discoloration of the appliances black painted surfaces may be accomplished with the touch-up paint kit.

Touch-Up Paint Kit		
Cat. No.	Model	Description
90L73	FTPK-B	Black Paint Kit



Log Sets

This finely crafted log set has detailing that replicates the natural look of real wood.

Oak Log Set		
Cat. No.	Model	Description
H8676	LOG-OAK-LSM-2	Oak Log Set

Glass Media Kits


Reflective Black


Reflective Blue

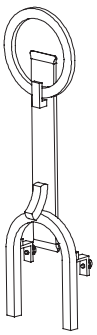

Platinum


Goldfinger

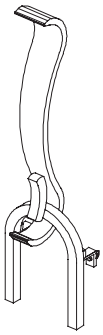

Copper

Cat. No.	Model	Description
H8412	CRSHGL-RBLK	Reflective Black
H8424	CRSHGL-RBLU	Reflective Blue
H8413	CRSHGL-P	Platinum
H8538	CRSHGL-GF	Goldfinger
H8539	CRSHGL-C	Copper

NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE.



Mission

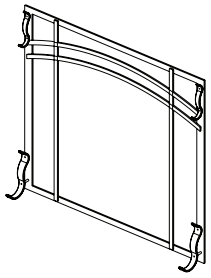


Classic

Andiron Grate Kits

The andiron kits attach to the grate assembly.

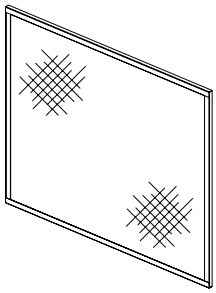
Andiron Grate Kits		
Fits Fireplace Models	Cat. No. (Model)	
	Mission	Classic
LSM40-2 & LSM45-2	H2227 (AKM-LSM)	H2228 (AKC-LSM)



Dual Arch Screen Kits

These Dual Arch screen kits can be placed in front of the glass enclosure panel to help prevent direct human contact with the hot glass surface.

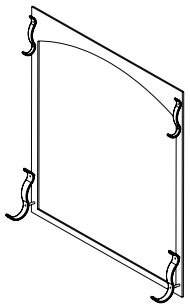
Dual Arch Screen Kits		
Cat. No.	Model	Description
H5051	DASK-LSM40-2	Dual Arch Screen
H5054	DASK-LSM45-2	Dual Arch Screen



Screen Panel Kits

These Screen Panel kits can be placed in front of the glass enclosure panel to help prevent direct human contact with the hot glass surface.

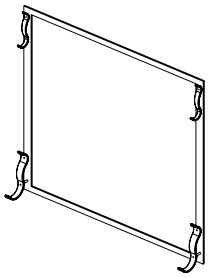
Barrier Screen Kits		
Cat. No.	Model	Description
LSM40-2		
H4805	BSK40	Barrier Screen
LSM45-2		
H4806	BSK45	Barrier Screen



Arch Screen Kits

These Arch Screen kits can be placed in front of the glass enclosure panel to help prevent direct human contact with the hot glass surface.

Arch Screen Kits		
Cat. No.	Model	Description
H5053	ASK-LSM40-2	Arch Screen Kit
H5056	ASK-LSM45-2	Arch Screen Kit



Classic Screen Kits

These Classic Screen kits can be placed in front of the glass enclosure panel to help prevent direct human contact with the hot glass surface.

Classic Screen Kits		
Cat. No.	Model	Description
H5052	SK-LSM40-2	Classic Screen Kit
H5055	SK-LSM45-2	Classic Screen Kit

NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE.

LIGHTING INSTRUCTIONS

FOR YOUR SAFETY READ BEFORE OPERATING

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 try to light the pilot by hand.

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

WHAT TO DO IF YOU SMELL GAS:

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

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

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

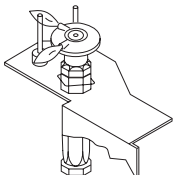
OPERATING INSTRUCTIONS

1. STOP! Read the safety information above on this label.
2. Read the Care and Operation manual including the section on "Remote Control System."
3. Slide the switch on the receiver to "OFF."
4. Press ON/OFF button on remote control transmitter to "OFF."
5. Turn "OFF" all electric power to the appliance.
6. This appliance is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot by hand.
7. 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 above on this label. If you don't smell gas, go to the next step.
8. Turn on all electric power to the appliance.
9. Slide the switch on the receiver to REMOTE.
10. Press ON/OFF button on remote control transmitter to "ON."
11. (if applicable) Set thermostat on remote control to desired setting.
12. If the appliance will not operate, follow the instructions "To Turn Off Gas To Appliance" and call your service technician or gas supplier.

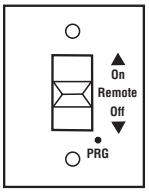
Electronic Gas Control Valve—SIT Proflame



Electronic Pilot Assembly



Receiver



Remote Control Transmitter



TO TURN OFF GAS TO APPLIANCE

1. Slide the switch on the receiver to "OFF."
2. Press ON/OFF button on remote control transmitter to "OFF."
3. Turn off all electric power to the appliance if service is to be performed.
4. Close the main line gas shut-off valve.

⚠ WARNING



HOT GLASS WILL CAUSE BURNS.

DO NOT TOUCH GLASS UNTIL COOLED.

NEVER ALLOW CHILDREN TO TOUCH GLASS.

P/N 580489-01, REV. 01

NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE.

INSTRUCTIONS D'ALLUMAGE

POUR PLUS DE SÉCURITÉ LIRE AVANT DE METTRE EN MARCHE

AVERTISSEMENT. Quiconque ne respecte pas à la lettre les instructions dans la présente notice risque de déclencher un incendie ou une explosion entraînant des dommages, des blessures ou la mort.

A. Cet appareil est muni d'un dispositif d'allumage qui allume automatiquement la veilleuse. Ne tentez pas d'allumer la veilleuse manuellement.

B. AVANT DE FAIRE FONCTIONNER, reniflez tout autour de l'appareil pour déceler une odeur de gaz. Reniflez près du plancher, car certains gaz sont plus lourds que l'air et peuvent s'accumuler au niveau du sol.

QUE FAIRE SI VOUS SENTEZ UNE ODEUR DE GAZ :

- Ne pas tenter d'allumer d'appareil.
- Ne touchez à aucun interrupteur; ne pas vous servir des téléphones se trouvant dans le bâtiment.
- Appelez immédiatement votre fournisseur de gaz depuis un voisin. Suivez les instructions du fournisseur.
- Si vous ne pouvez rejoindre le fournisseur, appelez le service des incendies.

C. Si un élément de cette unité ne fonctionne pas tel que décrit dans les instructions, n'essayez pas de le réparer, appelez un technicien qualifié. N'utilisez-pas d'outils. Le fait de forcer la manette ou de la réparer peut déclencher une explosion ou un incendie.

D. N'utilisez pas cet appareil s'il a été plongé dans l'eau, même partiellement. Faites inspecter l'appareil par un technicien qualifié et remplacez toute partie du système de contrôle et toute commande qui ont été plongés dans l'eau.

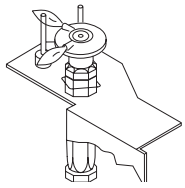
INSTRUCTIONS DE MISE EN MARCHE

1. ARRÊTEZ ! Lisez les avertissements de sécurité à l'endos de cette étiquette.
2. Lisez le manuel d'utilisation et d'entretien incluant la section « Système de télécommande ».
3. Placez l'interrupteur du récepteur en position "OFF".
4. Appuyez sur le bouton "ON/OFF" pour sélectionner "OFF".
5. Coupez l'alimentation électrique de l'appareil.
6. Cet appareil est muni d'un dispositif d'allumage qui allume automatiquement la veilleuse. Ne tentez pas d'allumer la veilleuse manuellement.
7. Attendre cinq (5) minutes pour laisser échapper tout le gaz. Reniflez tout autour de l'appareil, y compris près du plancher, pour déceler une odeur de gaz. Si vous sentez une odeur de gaz, ARRÊTEZ ! Passez à l'étape B des instructions de sécurité sur la portion supérieure de cette étiquette. S'il n'y a pas d'odeur de gaz, passez à l'étape suivante.
8. Mettez l'appareil sous tension.
9. Placez l'interrupteur du récepteur en position "REMOTE".
10. Appuyez sur le bouton "ON/OFF" pour sélectionner "ON".
11. (Si applicable) Ajustez le thermostat sur la télécommande à l'ajustement désiré.
12. Si l'appareil ne se met pas en marche, suivez les instructions intitulées « Comment couper l'admission de gaz de l'appareil » et appelez un technicien qualifié ou le fournisseur de gaz.

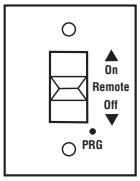
Valve électronique - SIT Proflame



Module de veilleuse électronique



Récepteur



Télécommande



COMMENT COUPER L'ADMISSION DE GAZ DE L'APPAREIL

1. Coupez l'alimentation électrique de l'appareil s'il faut procéder à l'entretien.
2. Sélectionnez OFF sur le récepteur.
3. Appuyez sur le bouton ON/OFF et sélectionnez OFF.
4. Fermer la valve de gaz principale.

⚠ AVERTISSEMENT



UNE SURFACE VITRÉE CHAUDE PEUT CAUSER DES BRÛLURES.

LAISSER REFROIDIR LA SURFACE VITRÉE AVANT D'Y TOUCHER.

NE PERMETTEZ JAMAIS À UN ENFANT DE TOUCHER LA SURFACE VITRÉE.

P/N 580490-01, REV. 01

REMARQUE : LES SCHÉMAS ET LES ILLUSTRATIONS NE SONT PAS À L'ÉCHELLE

MAINTENANCE SCHEDULE

Turn off gas and electrical power to the fireplace and allow it to cool before cleaning or servicing the appliance.

Annually (Before the onset of the Burning Season)

MAINTENANCE TASK	ACCOMPLISHING PERSON	PROCEDURE
Inspect/Clean Burner, Logs, and Controls	Qualified Service Technician	Inspect valve and ensure it is properly operating. Check piping for leaks. Vacuum the control compartment, fireplace logs, and burner area.
Check Flame Patterns and Flame Height	Qualified Service Technician	Refer to ***Figure 13*** or ***Figure 14 on Page 20.***Verify the flame pattern and height displayed by the appliance conforms to the picture. Flames must not impinge on the logs. Ensure flames are steady (not lifting or floating).
Inspect/Clean Pilot and Burner	Qualified Service Technician	Refer to ***Figure 15 on Page 20***. Remove any surface build-up on the pilot and burner assembly. Wipe the pilot nozzles, igniter/flame rod, and hood. Ensure the pilot flame engulfs the flame sensor as shown.
Check Vent System	Qualified Service Technician	Inspect the vent system at the top and at the base (within the firebox) for signs of blockage or obstruction. Look for any signs of dislocation or deterioration of the vent components. **NOTE:** Excessive condensation can cause corrosion of caps, pipe & fittings (excessive condensation can be caused by long lateral runs, too many elbows, and/or exterior portions of the system being exposed to cold weather). Also, inspect the wall straps or plumbers's tape to ensure they are securely in place.
Appliance Checkout	Qualified Service Technician	Perform the appropriate appliance checkout procedure detailed in this manual.
Replace Glowing Embers	Homeowner/Qualified Service Technician	Remove old ember materials (rockwool) and vacuum the ember placement area. Place new embers per instructions on ***Page 11***.

Periodically (After the Burning Season)

MAINTENANCE TASK	ACCOMPLISHING PERSON	PROCEDURE
Clean Firebox Interior	Homeowner	Carefully remove logs, rockwool, and volcanic stone. Vacuum out interior of the firebox. Clean firebox walls and log grate. Replace logs, glowing embers (rockwool), and volcanic stone as detailed in this manual.
Check Flame Patterns and Flame Height	Homeowner	Refer to ***Figure 13*** and ***Figure 14 on Page 20.*** Verify the flame pattern and height displayed by the appliance conforms to the picture. Flames must not impinge on the logs.
Check Vent System	Homeowner	Inspect the vent system at the top and at the base (within the firebox) for signs of blockage or obstruction. Look for any signs of dislocation of the vent components (reconnect or replace as necessary).
Clean Front Glass Enclosure Panel	Homeowner	Clean as necessary following the directions provided in this manual. **Do not touch or attempt to clean glass while hot**.

TROUBLESHOOTING GUIDE

NOTE: *Before troubleshooting, be sure that the appliance main line gas shut-off valve and the wall switch are in the "ON" position. The following troubleshoots the fireplace only to an elementary level. For detailed Remote and Ignition System troubleshooting, refer to the instructions provided with the remote.*

IMPORTANT: *Detailed valve system troubleshooting should only be accomplished by a qualified service technician.*

SYMPTOM	POSSIBLE CAUSES	CORRECTIVE ACTION
Nothing happens when the fireplace is turned on or off.	Remote control system is not functioning properly.	To use the remote control system, the wall switch plate must be set to REMOTE.
		Manually operate the fireplace using the wall switch (ON/OFF).
		Replace the batteries in the handheld remote and/or behind the wall switchplate.
	Unit is not receiving power.	Check/replace batteries behind the wall switchplate.
		Check building circuit breakers to ensure power is on to the fireplace.
	Gas is not reaching the fireplace.	Check the gas supply and gas shutoff valves (call a service technician, if required).*
The main burner does not light and the igniter is sparking.	Gas is not reaching the fireplace.	Check the gas supply and gas shutoff valves (call a service technician, if required).*
	Loose wires to the valve.	Check control compartment for any obvious loose wiring (call a service technician).
	Loose wires to ignition module.	Check control compartment for any obvious loose wiring (call a service technician).
	Air in the gas line.	Purge gas line of air (call a service technician).
The burner lights, then immediately goes out.	Gas is not reaching the fireplace.	Check the gas supply and gas shutoff valves (call a service technician, if required).*
	Loose wires to the valve or ignition module.	Check the gas supply and gas shutoff valves (call a service technician, if required).*
	Pilot flame is not engulfing the sensor.	Call a service technician.
	Obstructed vent system.	Call a service technician.
Log and glass soot	Flame impingement on the top log.	Check for proper log placement.
	Improper Air shutter opening.	Check for proper air shutter openings.

****The unit may have multiple gas supply shutoffs (the main gas supply valve in the house, the gas supply valve in the fireplace control compartment, and/or an additional shutoff valve near the fireplace).***

REPLACEMENT PARTS LIST

Item No.	Description	40 in.		45 in.	
		Cat. No.	Qty.	Cat. No.	Qty.
1	Door Modesty Shield	H4808	1	H4809	1
2	Log Set (Oak) (Traditional)	H8676	1	H8676	1
3	Enclosure, Glass Door	H2281	1	H2282	1
4	Spring Latch Assembly	H2274	2	H2274	2
5	Burner Assembly, Traditional	H4817	1	H4817	1
5	Burner Assembly, Contemporary	F1880	1	F1880	1
6	Venturi (Traditional)	H1428	1	H1428	1
7	Gasket—Venturi (Traditional)	43K85	1	43K85	1
8	Access Plate	H2277	1	H2277	1
9	Screen Rod	H2278	1	H2279	1
10	Screen	H1427	2	H1169	2
11	Gasket, Access Plate	H1452	1	H1452	1
12	Gas Line Tubing	H2283	1	H2284	1
13	Connector, Male	H2285	1	H2285	1
14	Orifice, Natural Gas	H2286	1	H8808	1
14	Orifice, Propane Gas	H2287	1	H4816	1
15	Bag of Glowing Embers (Traditional)	88L53	1	88L53	1
16	Grate Assembly	H4907	1	H4907	1
17	Gas Line, Flexible Connection	93L32	1	93L32	1
18	Modesty Panel, Right Side	H3371	1	H3372	1
19	Modesty Panel, Left Side	H3373	1	H3374	1
20	Floor Panel	H3369	1	H3370	1
21	Bag of Volcanic Stone (Traditional)	80L42	1	80L42	2
22	Bag of Platinum Embers (Traditional)	H8312	1	H8312	1

Contact an Innovative Hearth Products dealer to obtain any of these parts. Never use substitute materials. Use of non-approved parts can result in poor performance and safety hazards.

Gas Controls—SIT Electronic					
Item No.	Description	Natural Gas		Propane Gas	
		Part No.	Qty.	Part No.	Qty.
23	Gas Valve, SIT	H7270	1	H7271	1
24	Pilot Assembly	H7268	1	H7269	1
25	Control Module	H8656	1	H8656	1
26	Wiring Harness, Power	H8811	1	H8811	1
27	Wiring Harness, Control	H8814	1	H8814	1
28	Wiring Harness, Wall Switch	H8813	1	H8813	1
29	Wiring Harness, Jumper	H8809	1	H8809	1

⚠ WARNING

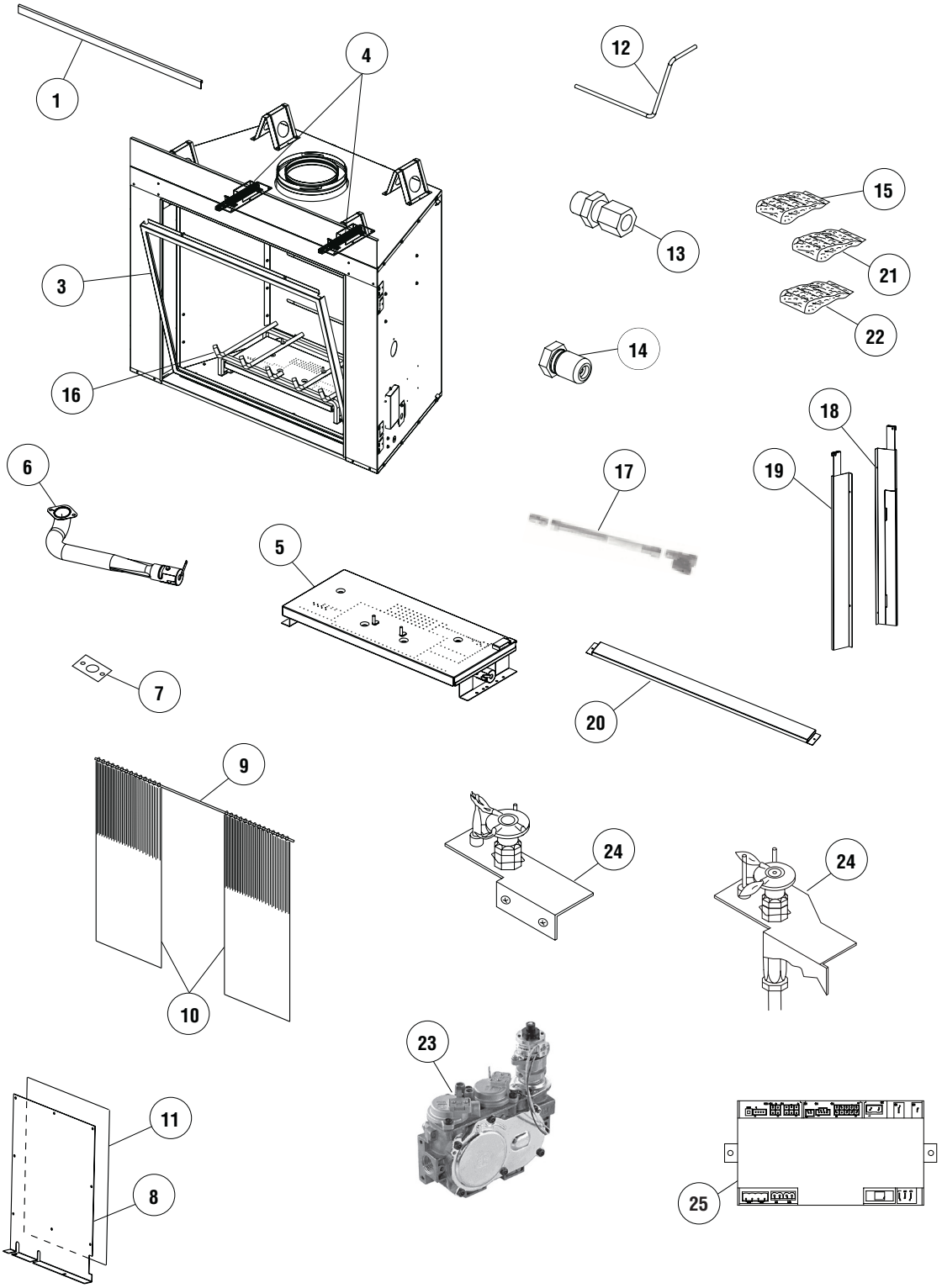
Failure to position the parts in accordance with these diagrams or failure to use only parts specifically approved with this appliance may result in property damage or personal injury.

⚠ AVERTISSEMENT

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

NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE.

REPLACEMENT PARTS



NOTE: DIAGRAMS & ILLUSTRATIONS ARE NOT TO SCALE.

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

INNOVATIVE HEARTH PRODUCTS

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