astria FIREPLACES®

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PFS C US

Report No. F10-113

Installation and Operation Instructions
Rapture™ B-Vent Decorative Gas Appliance

Rapture™ Chassis Models

Rapture36	Rapture42	Rapture50

Rapture™ Gas Burner Log Modules

GTA36TEN	GTA42TEN	GTA50TEN
GTA36TEP	GTA42TEP	GTA50TEP

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.**

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.

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.

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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.

NOT FOR USE WITH SOLID FUEL
CHECK LOCAL CODES PRIOR TO INSTALLATION

⚠ WARNING

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

⚠ AVERTISSEMENT

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

SAVE THIS BOOK

This book is valuable. In addition to instructing you on how to install and maintain your appliance, it also contains information that will enable you to obtain replacement parts or optional accessory items when needed. Keep it with your other important papers.

This fireplace may not be installed in manufactured (mobile) housing constructed to HUD standards. The fireplace may be installed in aftermarket, non-HUD manufactured housing provided its installation complies with State and Local Codes and in the absence of these codes complies with the National Fuel Gas Code ANSIZ223.1 NFPA 54.

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

NOTICE: 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 to be 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 and away from hot surfaces.

⚠ WARNING: This product contains and/or generates chemicals known to the State of California to cause cancer or birth defects or other reproductive harm.

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, explosions, electrical shock and carbon monoxide poisoning.

⚠ DANGER: Carbon monoxide poisoning may lead to death!

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

This fireplace is a vented product. This fireplace will not produce any gas leakage into your home if properly installed. This fireplace must be properly installed by a qualified service person. If this unit is not properly installed by a qualified service person, gas leakage 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 have been installed properly. Get fresh air at once! Have fireplace inspected and serviced by a qualified service person. 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.

Propane/LP gas and natural gas are both odorless. An odor-making agent is added to each of these gases. The odor helps you detect a gas leak. However, the odor added to these gases 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. This appliance is not for use with a thermostat or remote with a thermostat.

1. 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.
2. 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 lbs. capacity.
3. If you smell gas
   - shut off gas supply
   - do not try to light any appliance
   - do not touch any electrical switch; do not use any phone in your building
   - leave the building immediately
   - immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions
   - if you cannot reach you gas supplier, call the fire department.
4. Never install the fireplace
   - in a recreational vehicle
   - in high traffic areas
   - in windy or drafty areas
5. This fireplace reaches high temperatures. Furniture and drapes must be kept a minimum of 36" from the front of the fireplace. Fireplace will remain hot for a time after shutdown. Allow surfaces to cool before touching.
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 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. A hearth extension is not required with this appliance. If one is installed, it is for aesthetic purposes only and does not have to meet the standard requirements.
8. Turn fireplace off and let cool before servicing or repairing. Only a qualified service person should install, service or repair this fireplace. Have fireplace inspected annually by a qualified service person.
9. 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.
10. Have venting system inspected annually by a qualified service person. If needed, have venting system cleaned or repaired.
11. Keep the area around your fireplace clear of combustible materials, gasoline and other flammable vapor and liquids. Do not run fireplace where these are used or stored. Do not place items such as clothing or decorations on or around fireplace.
12. Do not use this fireplace to cook food or burn paper or other objects.
13. Do not use any solid fuels (wood, coal, paper, cardboard, etc.) in this fireplace. Use only the gas type indicated on fireplace nameplate.
14. 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.
15. Do not obstruct the flow of combustion and ventilation air in any way. Provide adequate clearances around air openings into the combustion chamber along with adequate accessibility clearance for servicing and proper operation.
16. Do not install fireplace directly on carpeting, vinyl tile or any combustible material other than wood. The fireplace must set on a metal or wood panel extending the full width and depth of the fireplace.
17. 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.
18. Do not operate fireplace if any log is broken.
19. Do not use a blower insert, heat exchanger insert or other accessory not approved for use with this fireplace.
20. Provide adequate clearances around air openings.

UNPACKING RAPTURE SERIES

⚠ CAUTION: Do not remove data plates from module. Data plates contain important warranty and safety information.

NOTE: Unit and all its loose components are attached to carton tray inside box.

1. Remove entire contents of box using tray handles *(see **Figure 1**).*
2. Set tray on floor and remove floor media components and remote control.
3. Remove module with log set from tray by cutting zip ties. Discard tray and foam.
4. Check all items for any shipping damage. If damaged, promptly inform dealer where you bought appliance.

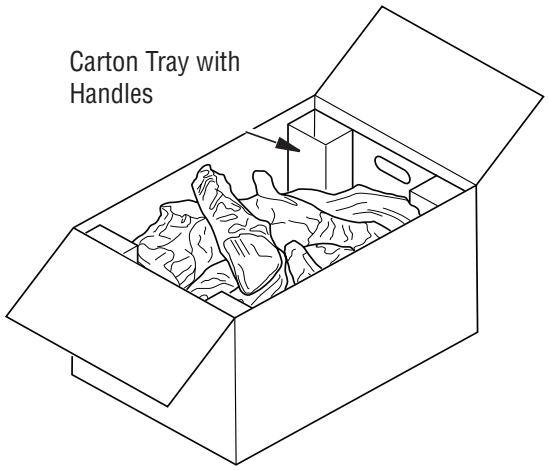
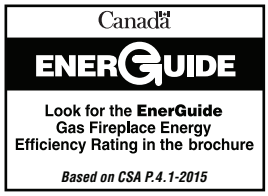


Figure 1 - Log Set in Packing Box

CODES AND STANDARDS

These fireplaces comply with National Safety Standards and are tested and listed by PFS Corporation (Report No. F10-113) to ANSI Z21.50 (in Canada, CSA-2.22) in both 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 (In Canada, the current CAN/CGA-B149.1 installation code). The fireplace, when installed, must be electrically grounded and wired 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.

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.



INTRODUCTION

Models GTA36TEN, GTA42TEN, GTA50TEN, GTA36TEP, GTA42TEP and GTA50TEP are log/gas burner modules that use an electronic control valve and ignition system. These modules are installed into fireplace chassis models RAPTURE36, RAPTURE42 and RAPTURE50 along with the Mosaic Masonry™ engineered firebrick wall models MOSAIC36M4, MOSAIC36M5, MOSAIC36M4, MOSAIC36M5, MOSAIC42M4, MOSAIC42M5, MOSAIC42M4, MOSAIC42M5, MOSAIC50M4, MOSAIC50M5, MOSAIC50M4 AND MOSAIC50M5. An IHP venting system and vent cap are not supplied, but are required for proper operation. If a B-type venting system is installed, transition pipe model BTC-8 is required. See venting instructions beginning on ***Page 11***.

⚠ WARNING: This gas appliance must not be connected to a chimney flue servicing a solid fuel burning appliance.

BEFORE YOU BEGIN

Before beginning the installation of your fireplace chassis, firebrick walls or module, read these instructions through completely.

This INNOVATIVE HEARTH PRODUCTS, LLC (IHP) appliance and its approved components are safe when installed according to this installation manual and are operated as recommended by IHP. Unless you use IHP approved components tested for this appliance, YOU MAY CAUSE A FIRE HAZARD!

The IHP warranty will be voided by and IHP disclaims any responsibility for the following actions:

A) Modification of the appliance or any of the components.
B) Use of any component part not approved by IHP in combination with this appliance.
C) Installation and/or operation in a manner other than instructed in this manual.
D) The burning of anything other than the type of gas approved for use in this gas appliance.

The installation must conform with local codes or, in the absence of local codes, with the current National Fuel Gas Code, ANSI Z223.1/NFPA 54.

NFPA 54 defines minimum space requirements for the installation of this appliance.

This fireplace must be installed in an unconfined space with a minimum of 50 cubic feet per 1,000 BTUs of gas output. Therefore 36" models require 2,650 cubic feet, 42" models require 3,100 cubic feet and 50" models require 3,300 cubic feet. If the space you wish to install the fireplace does not meet these requirements NFPA 54 details several actions that may be taken.

⚠ WARNING: Installation of this appliance should be done by a qualified service person.

NOTICE: This appliance is not intended to be used as a primary source of heat.

⚠ CAUTION: Do not connect appliance before pressure testing gas piping. Damage to gas valve may result and an unsafe condition may be caused.

The appliance and it's individual shutoff valve must be disconnected from the gas supply piping system during any pressure testing of that system at test pressures in excess of 1/2 psig (3.5 kPa).

[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 pressure in excess of 1/2 psi (3.5 kPa).]

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

For the purpose of input adjustment two pressure taps (for IN and OUT pressures) are provided on the gas control valve for test gauge connections to the appliance.

SELECTING LOCATION

To determine the safest and most efficient location for your appliance, you must take into consideration the following guidelines:

1. The location must allow for proper clearances *(see clearance information on **Page 9**).*
2. Consider a location where heat output would not be affected by drafts, air conditioning ducts, windows or doors.
3. A location that avoids the cutting of joists or roof rafters will make installation easier. ***Figure 1*** shows a plan view of a few common locations.

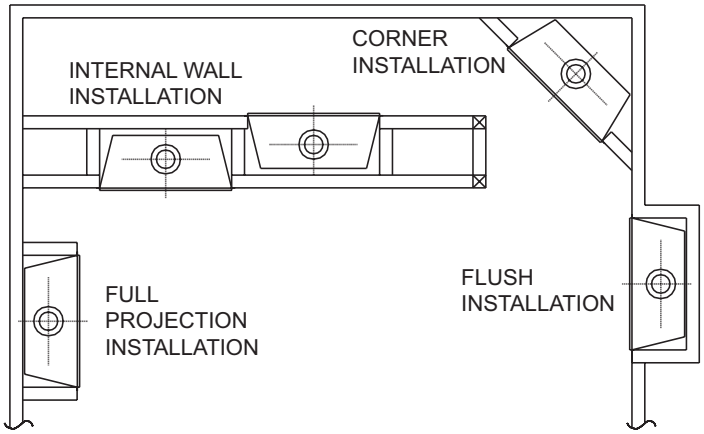


Figure 2 - Possible Locations for Installing Appliance

Flush installations are recommended where living space is limited or at a premium and since the space required to enclose the appliance would be located beyond an outside wall, this would also reduce the cutting of joists, roof rafters and such. Check local codes for any restrictions.

Projected installations can extend any distance into the room. A projection may be ideal for a new addition on an existing, finished wall.

Corner installations make use of space that may not normally be used and provides a wider and more efficient range for radiant heat transference.

Internal wall installations provide a discreet option for room separation and can also be ideal as an addition to an existing wall.

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.

PRODUCT DIMENSIONS

36" MODEL

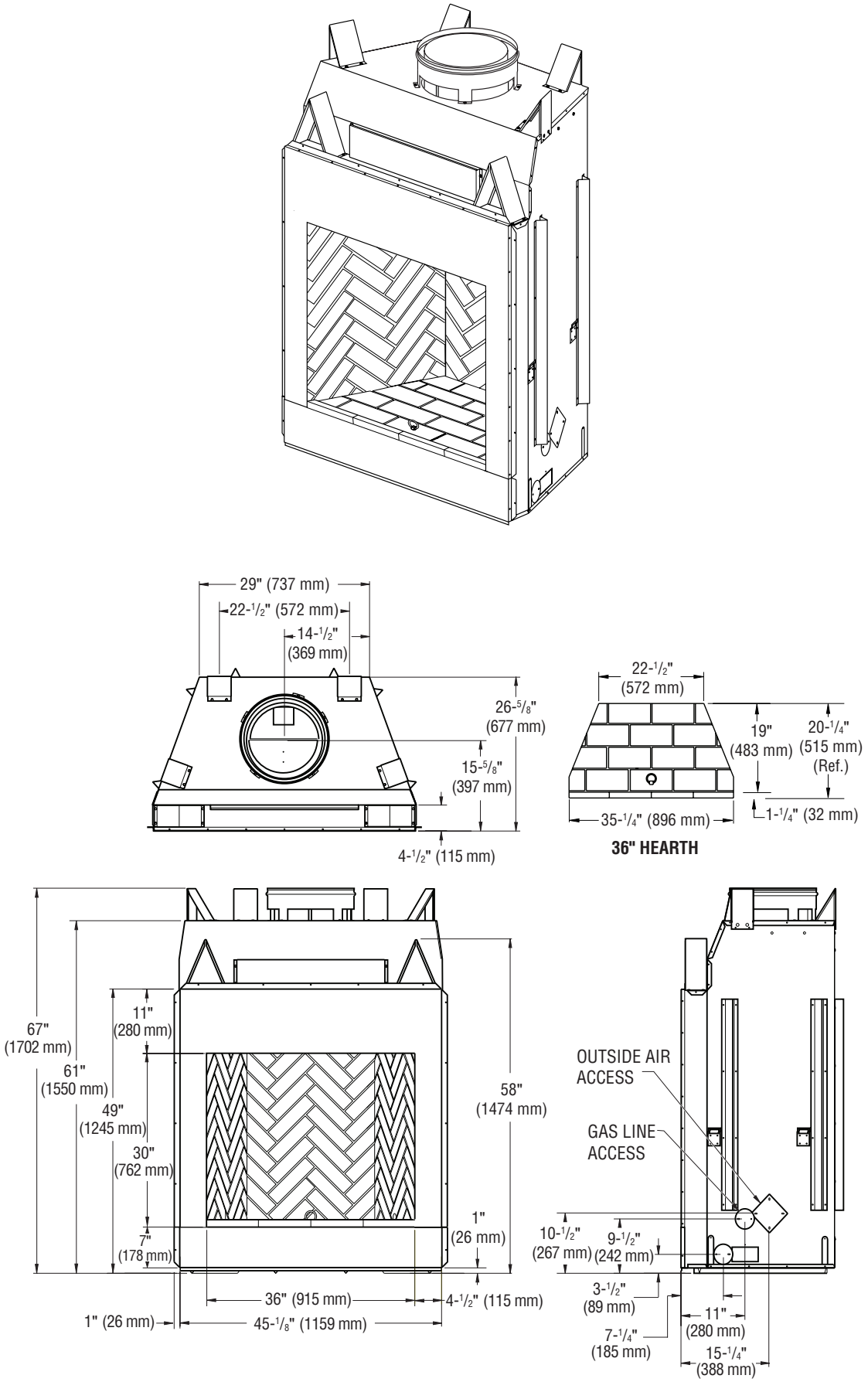
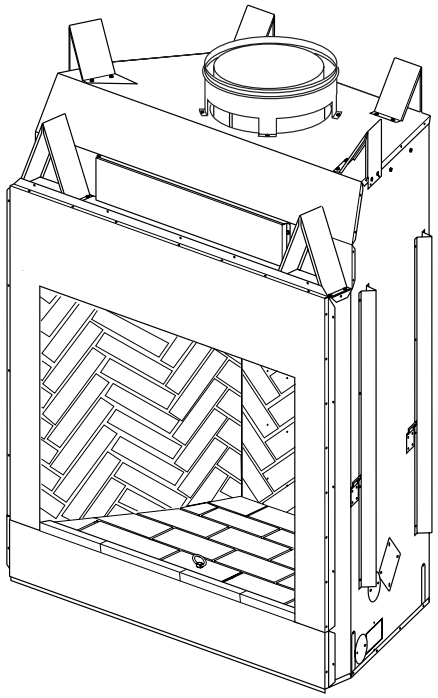


Figure 3 - 36" Model RAPTURE36

42" MODEL



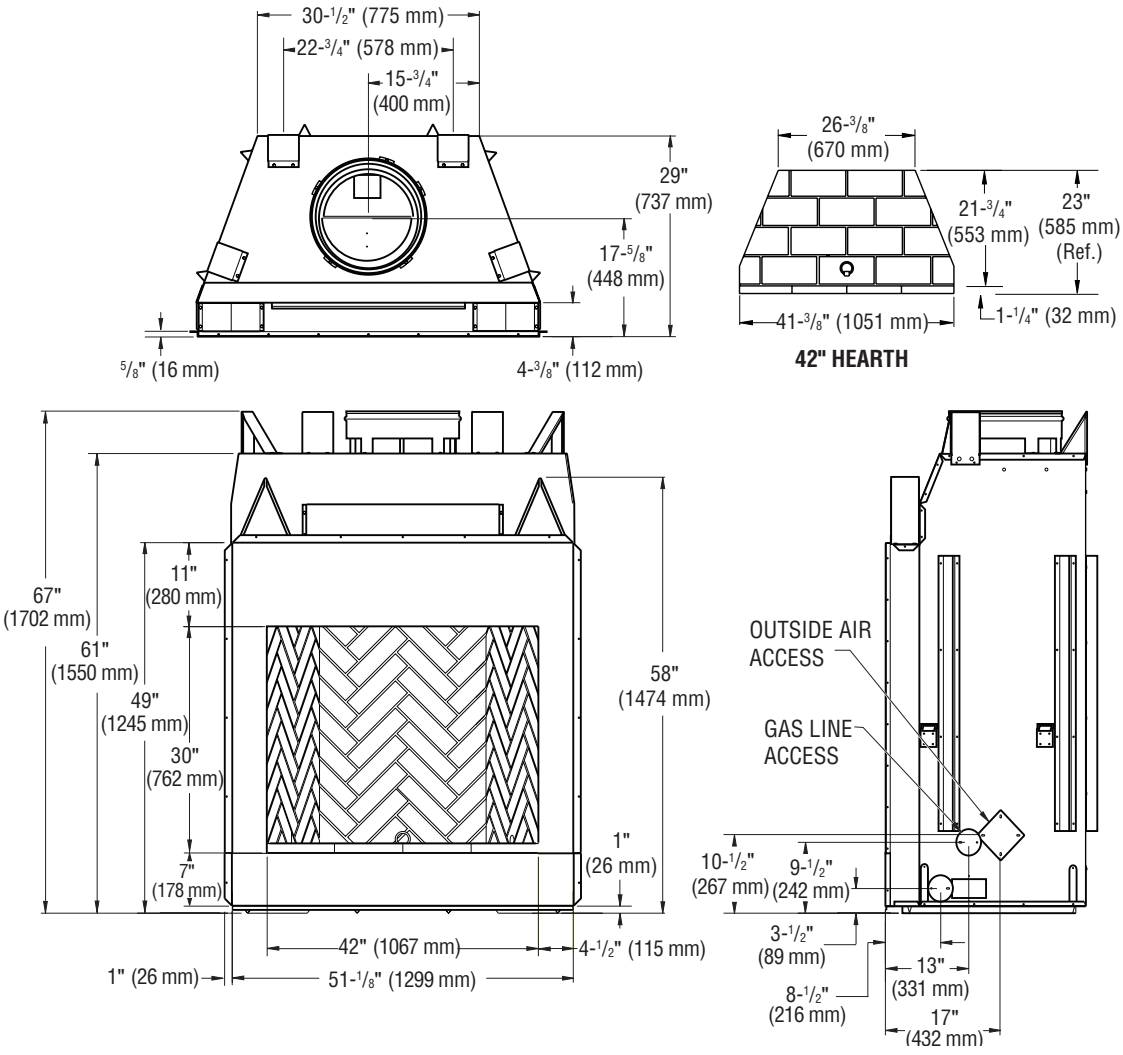


Figure 4 - 42" Model RAPTURE42

50" MODEL

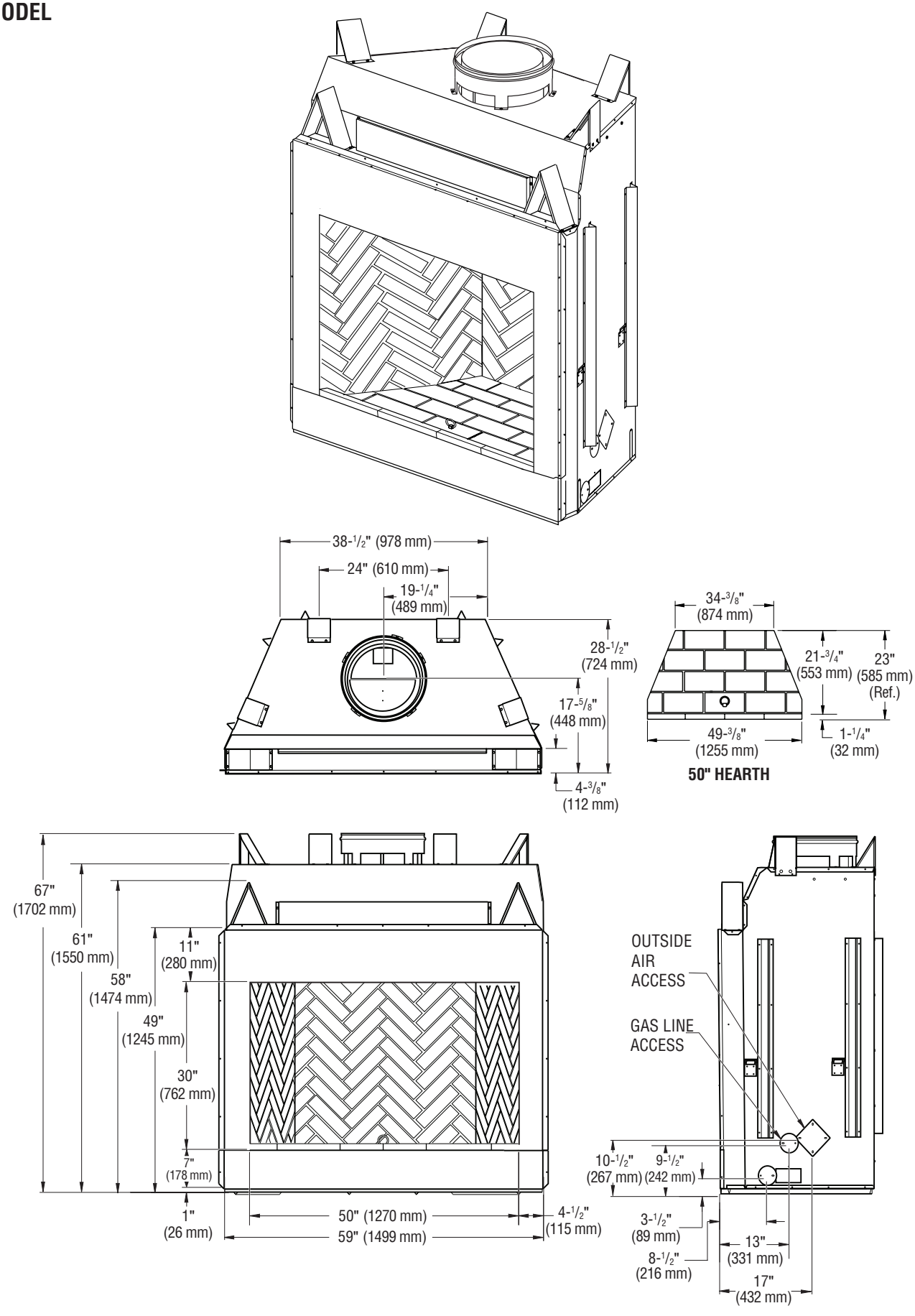


Figure 5 - 50" Model RAPTURE50

PRE INSTALLATION PREPARATION

SELECTING LOCATION

To determine the safest and most efficient location for the fireplace, you must take into consideration the following guidelines:

1. The location must allow for proper clearances *(see **Figures 4 and 5**).*
2. Consider a location where fireplace will not be affected by drafts, air conditioning ducts, windows or doors.
3. A location that avoids cutting of joists or roof rafters will make installation easier.
4. An outside air kit is available with this fireplace *(see Optional Outside Air Kit on **Page 10**).*

MINIMUM CLEARANCE TO COMBUSTIBLES

Back and sides of fireplace	1-1/2" (39 mm) min.
Ceiling	40" (1016 mm) min.
Front of fireplace	48" (1220 mm) min.
Floor**	0" (0 mm) min.
Perpendicular wall to opening	12" (305 mm) min.
Top spacers	0" (0 mm) min.
Mantel clearances	see Mantels, Page 10
Chimney outer pipe surface	1" (26 mm) min.

* Not required at nailing flanges

** See step 2 of Framing

⚠ WARNING: Do not pack required air spaces with insulation or other materials.

FRAMING

1. Frame opening for fireplace using dimensions shown in ***Figures 4 and 5.***
2. If fireplace is to be installed directly on carpeting, tile (other than ceramic) or any combustible material other than wood flooring, fireplace must be installed upon a metal or wood panel extending full width and depth of fireplace.
3. Set fireplace directly in front of this opening and slide unit back until nailing flanges touch side framing.
4. Check level of the fireplace and shim with sheet metal if necessary.
5. Using screws or nails, secure fireplace to framing through flanges located on sides of fireplace.

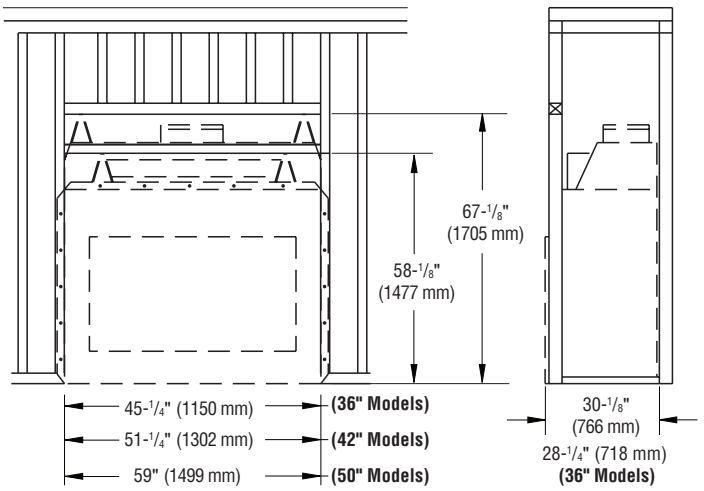


Figure 4 - Framing Dimensions

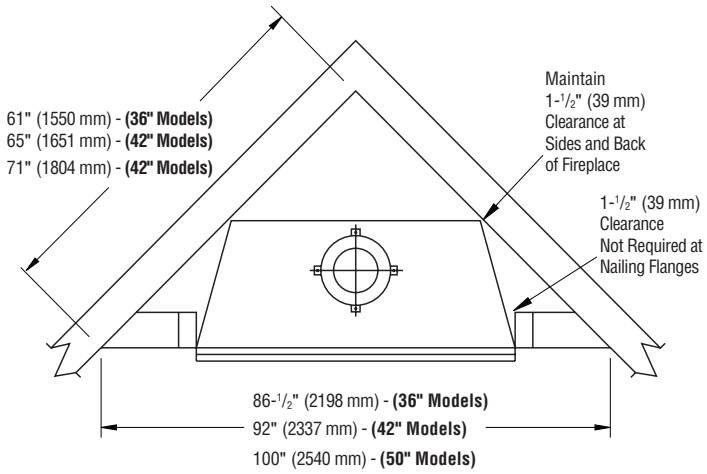


Figure 5 - Corner Installation

⚠ WARNING: When finishing appliance, do not overlap combustible material onto the black front face. Brick, tile or other noncombustible materials may be applied to the face provided that any gap is between the material used and the face is caulked with a noncombustible caulking.

HEARTH EXTENSION

OPTIONAL OUTSIDE AIR KIT (MODEL AK4/AK4F)

The installation of an outside air kit should be performed during the rough framing of the fireplace due to the nature of it's location. Outside combustion air is accessed through a vented crawl space (AK4F) or through a sidewall (AK4).

⚠ CAUTION: Combustion air inlet ducts shall not terminate in attic space.

The maximum height for the air vent can not exceed 3 feet below the flue gas outlet of the termination.

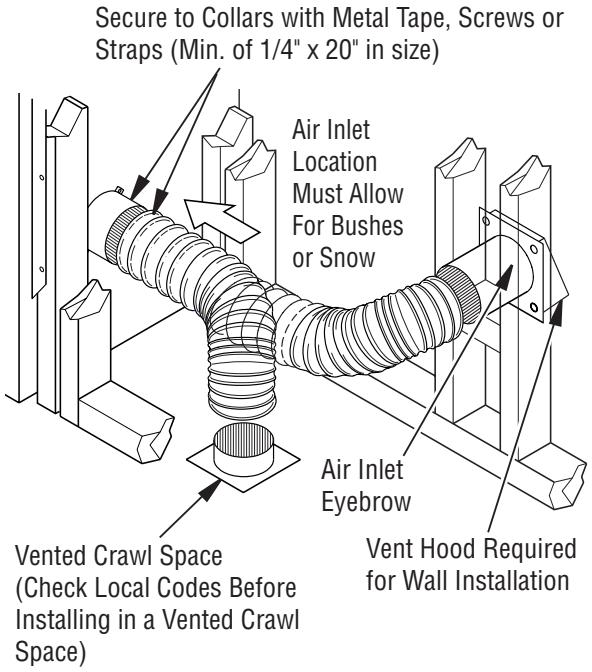


Figure 8 - Outside Air Kit

MANTELS

A combustible mantle shelf maybe installed a maximum 12" (22.9 cm) from the wall. ***Figures 9 and 10*** show the minimum allowable distances from various combustible mantle components in relation to the fireplace opening.

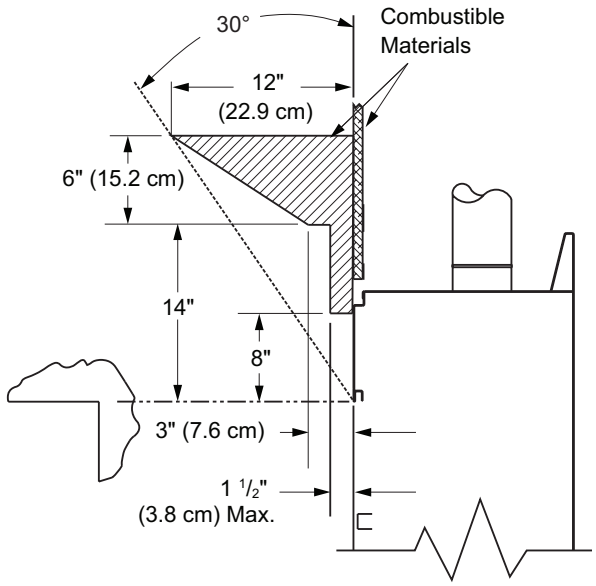


Figure 9 - Mantel Clearances - Side View (Cross Section)

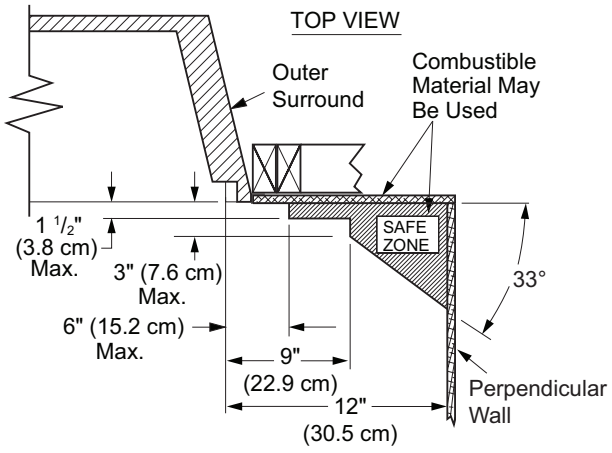


Figure 10 - Side Clearances - Top View (Cross Section)

VENTING INSTALLATION

An IHP vent shown in ***Figure 13*** or an 8" B-type venting system procured locally must be connected to appliance for venting to the outside of building. Transition pipe model BTC-8 is required for use with B-type venting.

IHP defines the installation standards of its product. Third party products must be installed to their specified standards.

Standing codes requirements concerning vent installations may vary within your state, province or local codes jurisdiction. Therefore, it is recommended that you check with your local building codes for specific requirements or in absence of local codes, follow Section 7.0 of the current National Fuel Gas Code ANSI Z223.1/NFPA 54.

This gas appliance must be vented to the outdoors only and may not be terminated into an attic space or into a chimney flue servicing a solid-fuel burning appliance.

Vent terminations must be located in accordance with height and proximity rules of NFPA No. 54. These rules apply to vents at 12" diameter or less and require a minimum height in accordance with the roof pitch and a minimum of 8 ft. distance from a vertical wall or obstruction *(see **Figure 11**)*.

⚠ WARNING: This appliance must be properly connected to a system and must not be connected to a chimney flue servicing a separate solid fuel burning appliance.

Roof Pitch	H (Min.) Feet	Meter
Flat to 6/12	1.0	0.30
6/12 to 7/12	1.25	0.38
Over 7/12 to 8/12	1.5	0.46
Over 8/12 to 9/12	2.0	0.61
Over 9/12 to 10/12	2.5	0.76
Over 10/12 to 11/12	3.25	0.99
Over 11/12 to 12/12	4.0	1.22
Over 12/12 to 14/12	5.0	1.52
Over 14/12 to 16/12	6.0	1.83
Over 16/12 to 18/12	7.0	2.13
Over 18/12 to 20/12	7.5	2.27
Over 20/12 to 21/12	8.0	2.44

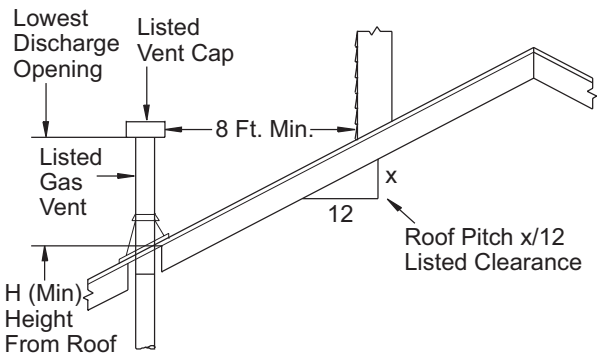


Figure 11 - Typical Terminations

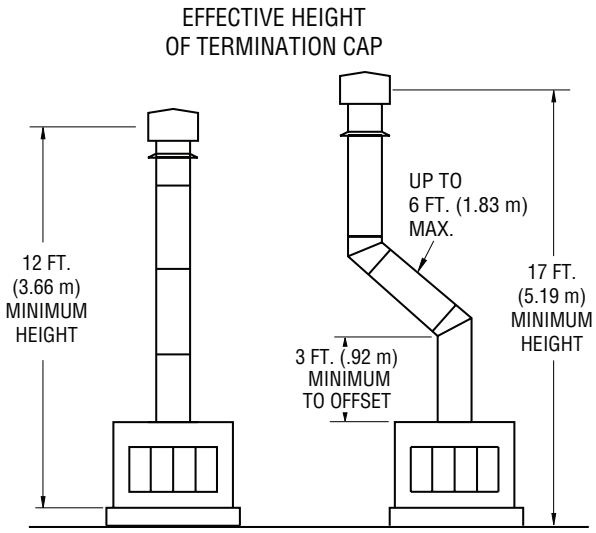
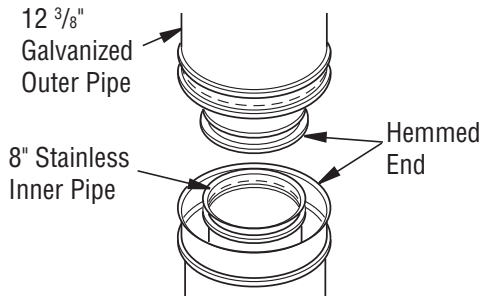


Figure 12 - Typical Residential Installations

VENTING INSTALLATION USING IHP VENTING SYSTEM

IHP chimney system consists of 12", 18", 24", 36" and 48" snap-lock, double-wall pipe segments, planned for maximum adaptability to individual site requirements.

⚠ WARNING: The opening in collar around chimney at top of fireplace must not be obstructed. Never use blown insulation to fill chimney enclosure.



PART NO.	DESCRIPTION
12-8DM	Pipe Section
18-8DM	Pipe Section
24-8DM	Pipe Section
36-8DM	Pipe Section
48-8DM	Pipe Section
RT-8DM	Round Termination
RTL-8DM	Round Termination
RLT-8DM	Round Termination
RTT-8DM	Round Termination with Slip Section
RTTL-8DM	Round Termination with Slip Section
RLTT-8DM	Round Termination with Slip Section
ET-8DM	Square Chase-Top
ETO-8DM	Square Chase-Top with Mesh
ETL-8DM	Square Chase-Top with Slip Section
ETLO-8DM	Square Chase-Top with Mesh & Slip Section
60E-8DM	60° Offset and Return
30E-8DM	30° Offset and Return
12S-8DM	Chimney Support

Figure 13 - Chimney Pipes and Accessories

ASSEMBLY AND INSTALLATION OF DOUBLE WALL CHIMNEY SYSTEM

Each double wall chimney section consists of a galvanized outer pipe, a stainless steel inner flue pipe and a wire spacer. Pipe sections must be assembled independently as chimney is installed. When connecting chimney directly to fireplace, inner flue pipe section must be installed first with lanced side up. Outer pipe section can then be installed over flue pipe section with hemmed end up. Press down on each pipe section until lances securely engage hem on fireplace starter. The wire will assure proper spacing between inner and outer pipe sections. A firestop thimble (38FST or FST30) is recommended to negotiate a joist and avoid intrusion by insulation.

⚠ Opening in collar around chimney at top of fireplace must not be obstructed. Never use blown insulation to fill chimney enclosure.

Continue to assemble chimney sections as outlined, making sure that both inner and outer pipe sections are locked together. When installing double wall snap-lock chimney together, it is important to assure joint between chimney sections is locked. Check by pulling chimney upward after locking. Chimney will not come apart if properly locked. It is not necessary to add screws to keep chimney together.

FIRESTOP SPACERS (3600FS-8DM-1 OR 30FS-8DM)

Firestop spacers are required at each point where chimney penetrates a floor space. Their purpose is to establish and maintain required clearance between chimney and combustible materials. When pipe passes through a framed opening into a living space above, firestop must be placed onto ceiling from below as shown in ***Figure 14***.

They also provide complete separation from one floor space to another or attic space as required by most codes. When double wall pipe passes through a framed opening into an attic space, firestop must be placed into an attic floor as shown in ***Figure 15***.

If area above is a living space, install firestop below framed hole.

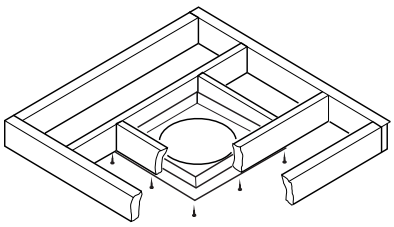


Figure 14 - Firestop Spacer with Living Space Above Ceiling

If area above is an attic or insulated area, install firestop above framed hole.

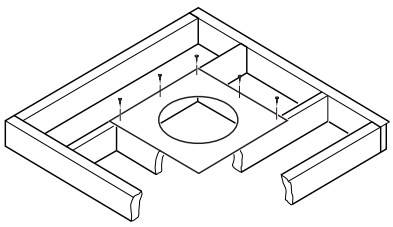
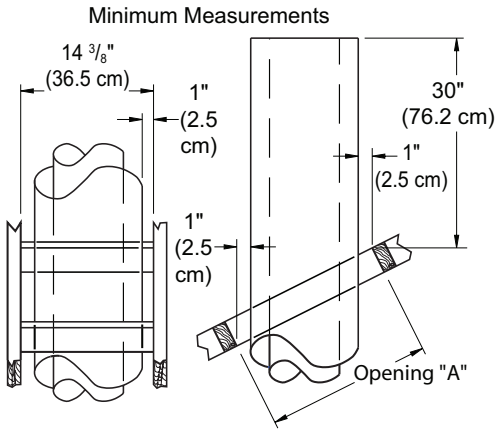


Figure 15 - Firestop Spacer with Attic Space Above Ceiling

PENETRATING ROOF

To maintain a 1" clearance to pipe on a roof with a pitch, a rectangular opening must be cut.

1. Determine center point where pipe will penetrate roof.
2. Determine center point of roof. Pitch is the distance the roof drops over a given span, usually 12". A 6/12 pitch means that the roof drops 6" for each 12" measure horizontally down from roof rafters.
3. Use roof opening chart *(**Figure 16**)* to determine correct opening length and flashing required.
4. Remove shingles around opening measured. Cut out this section.



Pitch	Slope	Opening "A" Max.	Used Flashing Model No.
Flat	0°	15"	V6F-8DM
0-6/12	26.6°	16 1/8"	V6F-8DM
6/12- 12/12	45.0°	20 3/8"	V12F-8DM

Figure 16 - Roof Opening Measurements

FLASHING INSTALLATION (V6F-8DM OR V12F-8DM)

Determine flashing to be used with roof opening chart. Slide flashing over pipe until base is flat against roof. Replace as many shingles as needed to cover exposed area and flashing base. Secure in position by nailing through shingles *(see **Figure 17**)*. DO NOT NAIL THROUGH FLASHING CONE.

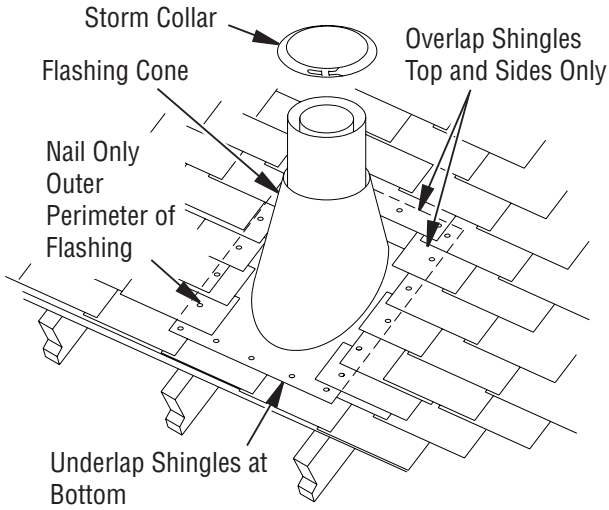


Figure 17 - Flashing Installation

Installing Flashing on a Metal Roof

When installing flashing on a metal roof, it is required that putty tape be used between flashing and roof. Flashing must be secured to roof using #8 x 3/4" screws and then sealed with roof coating to prevent leakage through screw holes. A roof coating must also be applied around perimeter of flashing to provide a proper seal.

Storm Collar Installation (SC1)

Place storm collar over pipe and slide down until it is snug against open edge of flashing *(see **Figure 18**)*. Apply waterproof caulk around perimeter of collar to provide a proper seal.

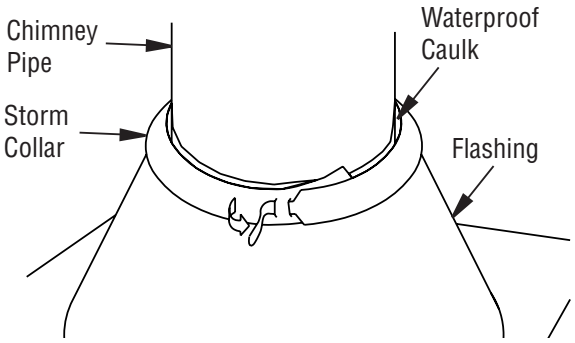


Figure 18 - Storm Collar

Terminations/Spark Arrestor

Fireplace system must be terminated with listed round top or chase terminations. In any case, refer to installation instructions supplied with termination. Terminations approved for this fireplace are RT-8DM, RTL-8DM and RLT-8DM that can be used for flashing or chase and ET-8DM, ETO-8DM, ETL-8DM and ETLO-8DM for chase style termination only. ***Figure 19*** shows an RTL-8DM round top termination.

⚠ CAUTION: Do not seal openings on the rooftop flashing. Follow the installation instructions provided with the termination being used.

Terminations with 16" slip pipe sections are available. RTT-8DM, RTTL-8DM and RLTT-8DM are approved for flashing installations. When needed, these adjustable terminations may be used in combination with pipe assembly to achieve correct chimney height.

NOTE: In rare instance there is a problem with side driven rain or wind or chimney is not drafting properly, an ADS-8DM (Anti-Draft Shield) can be used with round terminations.

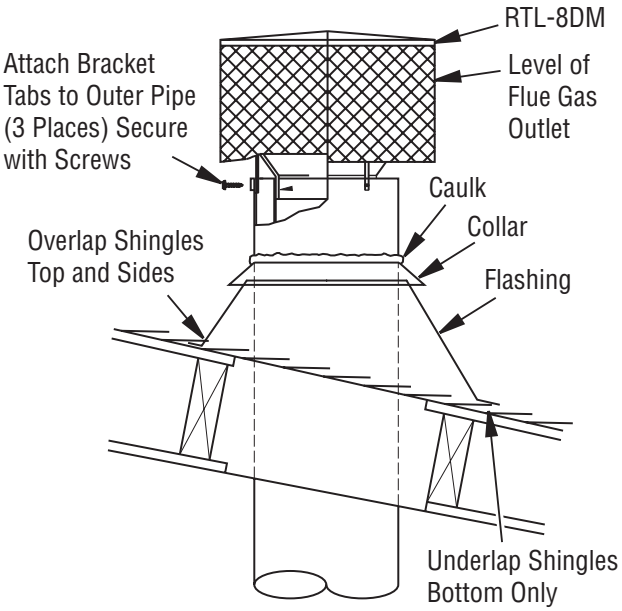


Figure 19 - Termination

VENTING INSTALLATION USING 8" B-TYPE VENTING SYSTEM

Transition pipe model BTC-8 and starter collar are shown in ***Figure 20***. Remove starter collar and set aside. Slide transition pipe over vent collar and attach with a minimum of 4 screws. Replace starter collar over transition pipe and attach using 4 screws located on leg stands. To install b-vent piping, slide first piece of b-vent over transition pipe and attach with either a minimum of 3 screws or other means approved by the vent manufacturer.

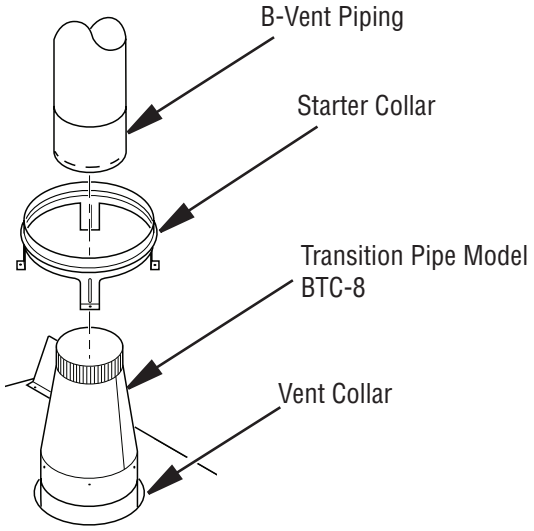


Figure 20 - Installing Transition Pipe and Starter Collar

VENTING INSTALLATION *Continued*

CHECKING FOR PROPER VENTING

After completing and checking electrical, gas and vent connections, follow the lighting instructions and allow the main burner to run for approximately 5 minutes. Hold a lighted match near the top edge of fireplace opening and play it along entire length of opening *(see **Figure 21**)*. Proper venting should tend to draw the flame or smoke into the appliance. Improper venting or escaping of spillage of burned gas, is indicated when the match flickers or goes out.

If the appliance is found to be improperly venting, shut it off and notify your installer or a qualified service agency to inspect the venting system.

NOTICE: This appliance is equipped with a vent safety shutoff switch which will shut down the appliance in the case of a venting problem. Do not bypass the vent safety switch. If the appliance should shut down, contact a qualified installer, service agency or your gas supplier to have the vent inspected before operating.

FINISHING FIREPLACE

Combustible materials, such as wallboard, gypsum board, sheet rock, drywall, plywood, etc. may make direct contact with sides and top around the fireplace face. It is important that combustible materials do not overlap face itself. Brick, glass, tile or other noncombustible materials may overlap front face provided they do not obstruct essential openings such as louvered slots. When overlapping with a noncombustible facing material, use only noncombustible mortar or adhesive.

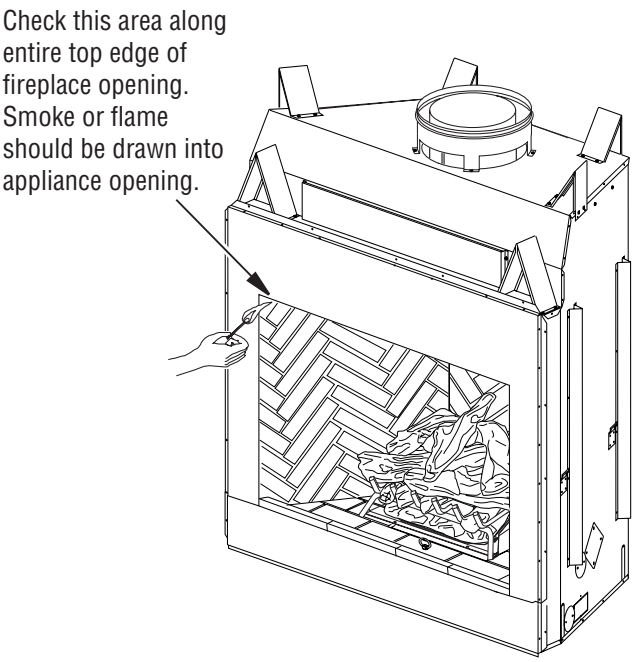


Figure 21 - Checking for Spillage

INSTALLATION

CHECK GAS TYPE

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

INSTALLING GAS PIPING TO FIREPLACE LOCATION

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

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

⚠ WARNING: Before you proceed, make sure your gas supply is OFF.

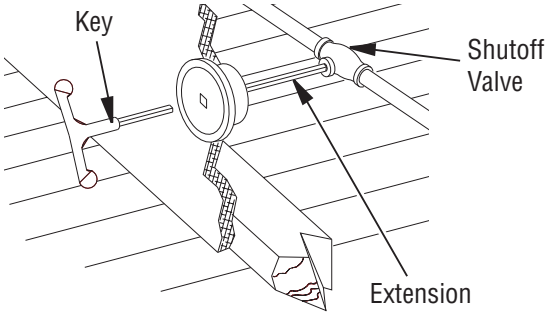
⚠ WARNING: For natural gas, never connect fireplace to private (non-utility) gas wells. This gas is commonly known as wellhead gas.

Installation Items Needed

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

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

* A manual shutoff valve has been included with log/burner module models GTA36TEN, GTA36TEP, GTA42TEN, GTA42TEP, GTA50TEN and GTA50TEP. You may consider installing an extra gas shutoff valve outside appliance's enclosure (check with local codes) where it can be accessed more conveniently with a key through a wall as shown in ***Figure 22, Page 15***.



Typical Exterior Wall Gas Shutoff Installation

Figure 22 - Manual Shutoff Valve Installation

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 23***. Pointing the vent down protects it from freezing rain or sleet.

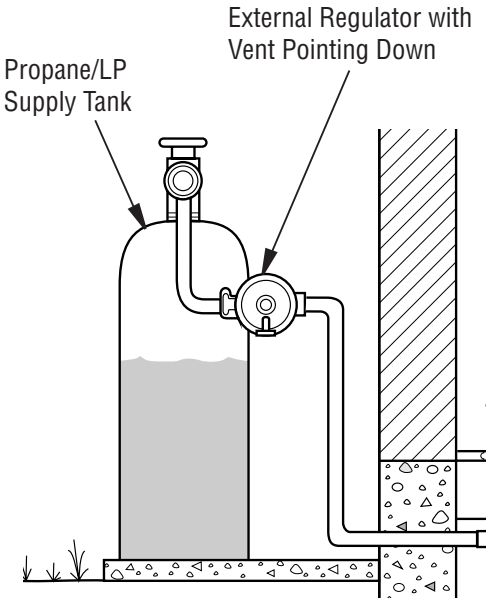


Figure 23 - External Regulator with Vent Pointing Down (Propane/LP Only)

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

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.

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.

⚠ 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.

We recommend that you install a sediment trap/drip leg in supply line as shown in ***Figure 24***. 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.

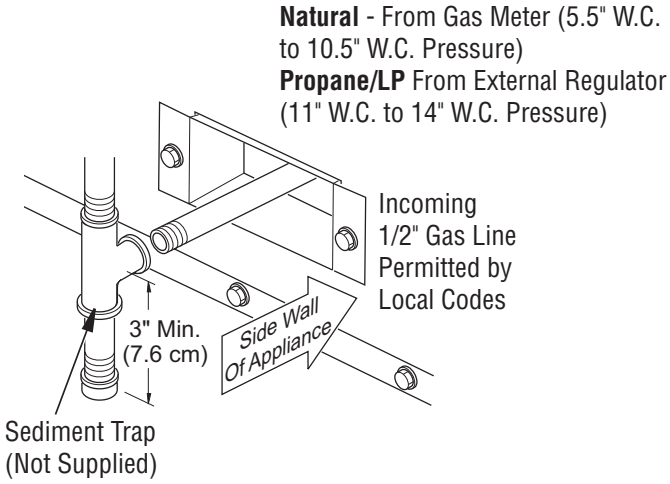


Figure 24 - Sediment Trap

Install incoming 1/2" gas line (as permitted by local codes) through the gas line opening on left or right side of the fireplace chassis ***(Figure 25)***. The pipe should extend to around the middle of the fireplace in order to be long enough to connect to the flexible gas line with shut off valve that is supplied with the log/burner module. Prepare incoming gas line with Teflon tape or pipe joint compound.

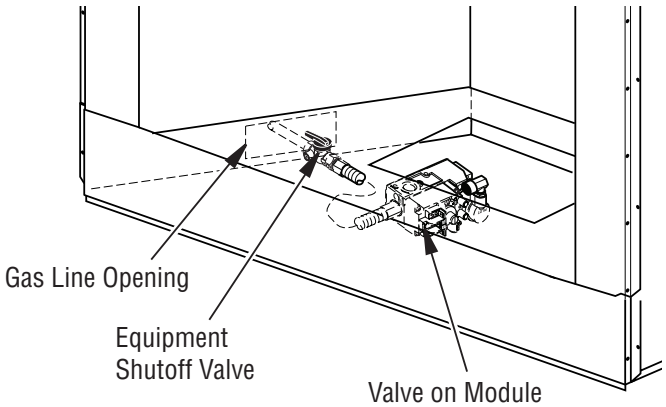


Figure 25 - Installing Gas Line

FIREBRICK WALLS



⚠ WARNING

LIFTING HAZARD
SINGLE -PERSON LIFT COULD CAUSE INJURY.
USE ASSISTANCE WHEN MOVING OR LIFTING.

IMPORTANT: Installation of brick panels should be done after the fireplace is placed in a permanent location.

INSTALLATION

1. The firebox is shipped with the firebrick wall retaining brackets preinstalled. There are a total of six (6) brackets. Remove these brackets before installing any of the firebrick walls.
2. Place the hearth into the firebox. This may require two people. The hearth is wider than the fireplace opening and will need to be tilted to get it inside the firebox. The ash lip needs to be pulled all the way forward toward the front of the firebox.
3. It is critical the hearth is center in the fireplace before installing any of the other firebrick walls. There are four slots on the firebox floor. These slots (two on the left and two on the right) will be visible when the hearth is center. Cover the hearth with a piece of cardboard for protection during the rest of installation of the firebrick walls.
4. Install the left and right leading bricks. Set the firebrick wall on the hearth with the sheet metal side toward the firebox surround. The bricks will be flush with the face of the fireplace. Secure with screws provided as shown in ***Figure 26***.
5. Install the left and right firebrick walls. There is a bracket with 2 tabs on the bottom of each firebrick wall. Angle the wall into the fireplace opening and into the slots on the side of the hearth *(**Figure 27**),* then tilt the top of the panel toward the firebox surround.
6. Secure the firebrick wall using 2 of the retainers provided. The bracket will slip underneath the metal lip on the top of the wall and screw into the inner dome of the fireplace *(**Figure 28**).*

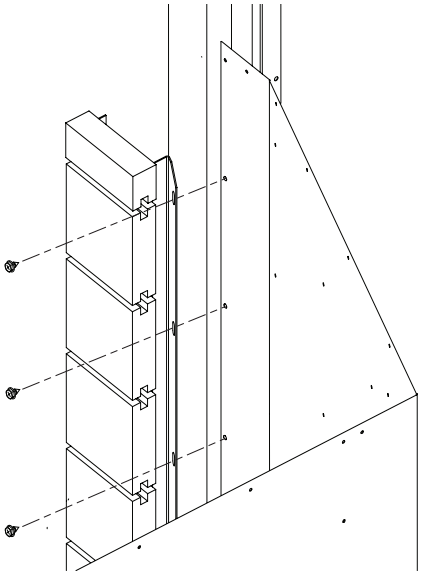


Figure 26 - Installing Leading Bricks

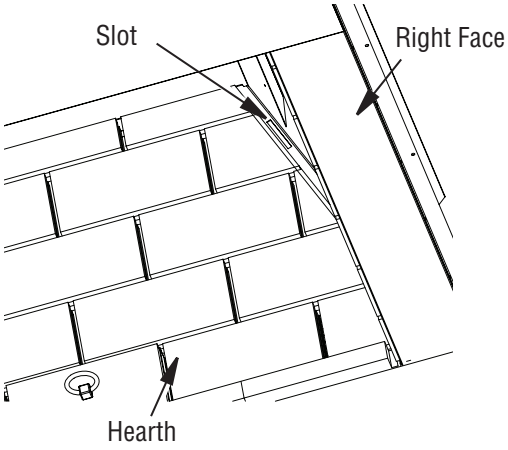


Figure 27 - Slots for Firebrick Walls

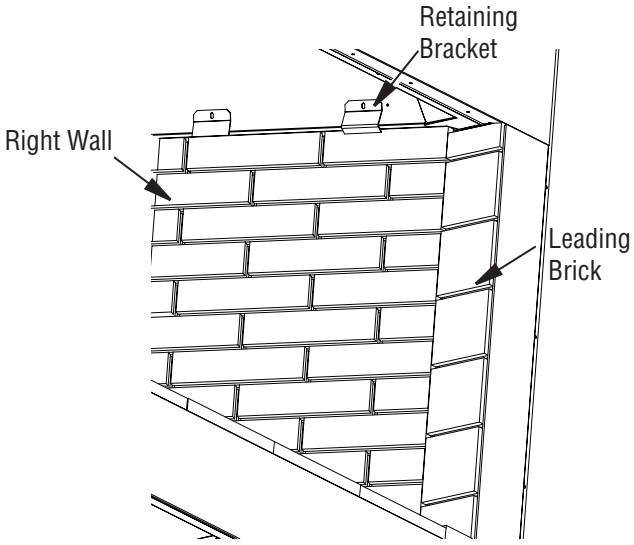


Figure 28 - Installing Side Walls

7. Install the rear firebrick wall last. Place the wall face side down on the hearth with the bottom of the wall toward the rear of the firebox and the top toward the front of the fireplace. Tilt the wall up toward the back of the firebox. Secure with 2 rear retaining brackets provided *(**Figure 29**)*.
8. It is recommended that the joints between all firebrick walls be grouted for a more finished look, see grouting instructions.

For more information and to watch a how to video go to IHP.us.com and select Technical Support.

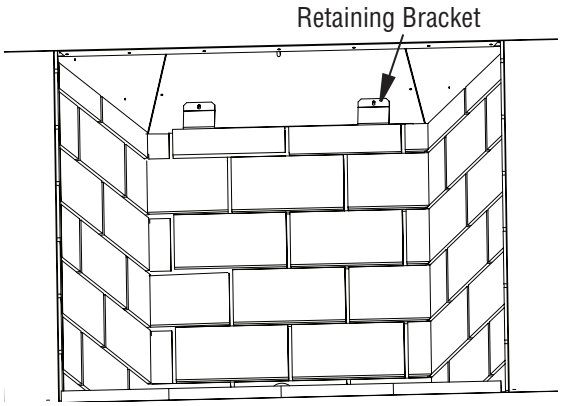


Figure 29 - Installing Rear Wall

GROUTING INSTRUCTIONS

Material provided:

Bag of cement

Bag of sand

Material required:

Piping bag

Joints striker

Heavy duty mixing bucket

Sponge or Wet Cloth

1. Moisten brick surface with damp sponge or spray bottle just prior to application. When bricks are wet, any excess grout mixture on bricks will easily wipe off.
2. In a heavy duty mixing bucket, add equal parts cement and sand. Add enough water and mix together well using a power drill with mixing wand attachment to a yogurt like consistency. Not adding enough water can lead to grout falling out after burning.
3. The overall length of piping bag should be about 16". If the bag is longer than 16", cut it down to size by removing end with larger opening. This will make the bag easier to handle.
4. Put grout mixture into piping bag making sure the smaller opening is downward and over a moist towel to avoid spilling. Place a wet towel over the bucket making sure it is directly on the surface of grout mixture. This will keep the mixture moist and it will not dry out before use.
5. Grout all joints where two firebrick walls come together.
6. Using a trowel, remove excess grout mixture by moving trowel in the direction of the joint. Grout mixture in the joint should now be flush with brick surface. If not enough grout is applied into each space, grout may fall out after burning.
7. Using a joint striker, smooth out grout line.

Allow 72 hours before installing log/burner module.

INSTALLING SCREEN

1. Slide round end of screen rod into rings at top of screen. Attach one push-on nut to end of rod before attaching last ring of screen.
2. Insert the round end screen rod into hole on the left and right side of smoke shelf *(**Figure 30**)*.
3. Mount flat end of screen rod with #10 x 5/8" to center of smoke shelf.
4. Install other screen rod in same manner.

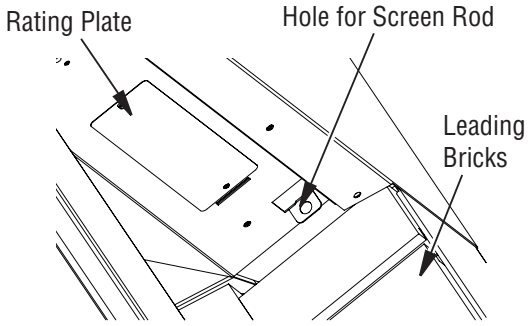


Figure 30 - Installing Fireplace Screen

CONNECTING FIREPLACE TO GAS SUPPLY

⚠ WARNING: Gas line hookup should be done by your gas supplier or a qualified service person.

⚠ CAUTION: Do not kink flexible gas line.

⚠ CAUTION: Compounds used on threaded joints of gas piping shall be resistant to the action of Liquefied Petroleum (LP or propane) and should be applied lightly to ensure excess sealant does not enter the gas line.

⚠ WARNING: All gas piping and connections must be tested for leaks after the installation is completed.

After ensuring that gas valve is on, apply a commercial leak detection solution to all connections and joints. If bubbles appear, leaks can be detected and corrected.

Do not use an open flame for leak testing and do not operate any appliance if a leak is detected.

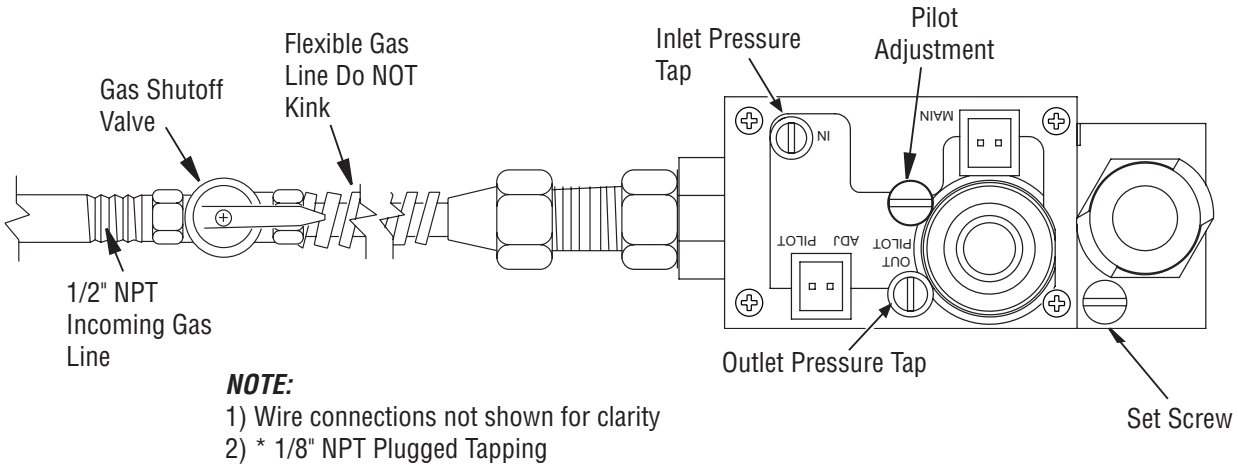
Complete your gas installation by connecting incoming gas line with flexible gas line attached to the log/burner module. Secure tightly with wrench but **DO NOT OVERTIGHTEN**.

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. Sealant should not be used on flare fitting if present.

Installation Items Needed

- 5/16" hex socket wrench or nut-driver
- sealant (resistant to propane/LP gas, not provided)

1. Route flexible gas line supplied with log/burner module through the large hole on the firebox bottom to the incoming gas line *(**Figure 25, Page 15**)*.
2. Attach flexible gas line from gas supply to control valve *(see **Figure 31**)*.
3. Check all gas connections for leaks. See Checking Gas Connections, ***Page 19***.



NOTE:
1) Wire connections not shown for clarity
2) * 1/8" NPT Plugged Tapping

Figure 31 - Connecting Incoming Gas Line to Flex Gas Line

INSTALLING LOG/BURNER MODULE

Before installing module, make sure all batteries have been installed into the receiver and battery backup.

⚠ CAUTION: Gloves should be worn when installing module into fireplace. Metal edges may be sharp.

1. Plug module into J-Box on the right side of firebox floor *(see **Figure 32**)*.
2. Connect shutoff valve of module to incoming gas line *(see Connecting Fireplace to Gas Supply, **Page 18**)*.
3. Connect wires from limit switch (located underneath the firebox floor) to orange wire in the wire harness of the module as shown in the Wiring Diagram, ***Page 29***.
4. Carefully place module into hearth in firebox. Be careful not to chip or break logs.

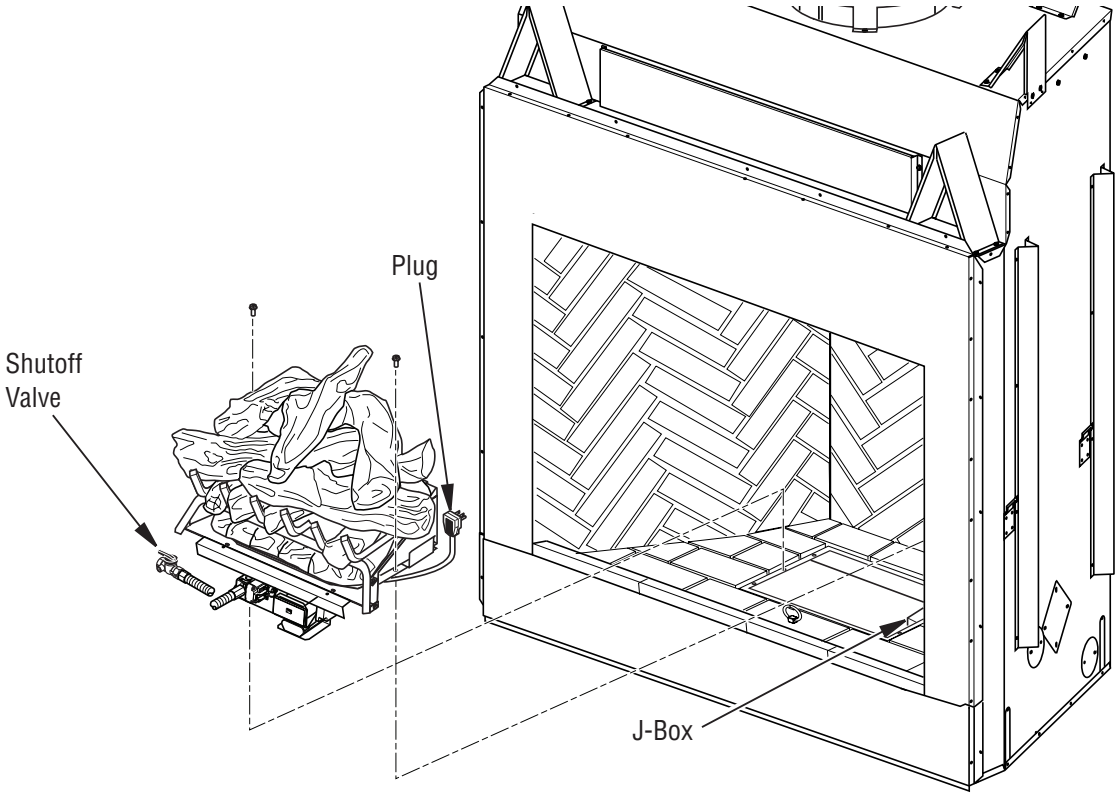


Figure 32 - Installing Module into Firebox

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 33, Page 20**)*.
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.

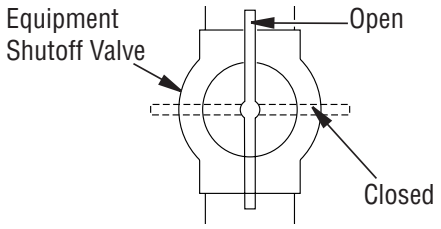


Figure 33 - Equipment Shutoff Valve

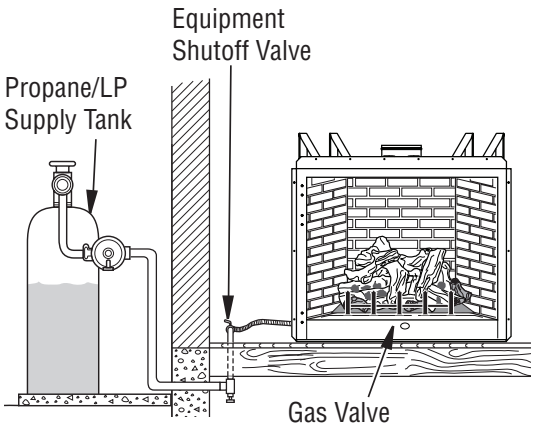


Figure 34 - Checking Gas Joints for Propane/LP Gas Fireplace (Fireplace picture may vary from actual)

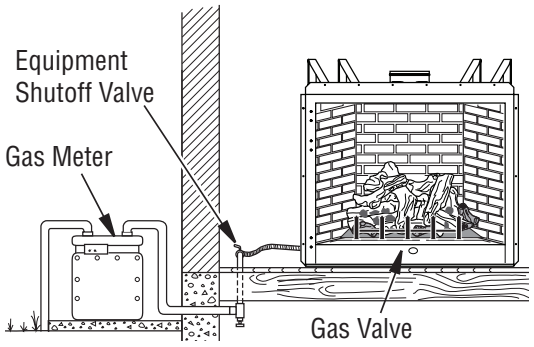


Figure 35 - Checking Gas Joints for Natural Gas Fireplace (Fireplace picture may vary from actual)

3. Check all joints from propane/LP supply tank or gas meter to equipment shutoff valve *(see **Figure 34 or Figure 35**)*. Apply noncorrosive leak detection fluid to all joints. Bubbles forming show a leak.
4. Correct all leaks at once.

PRESSURE TESTING FIREPLACE GAS CONNECTIONS

1. Open equipment shutoff valve *(see **Figure 33**)*.
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 34 or Figure 35**)*. Apply noncorrosive leak detection fluid to all joints. Bubbles forming show a leak. Correct all leaks at once.
5. Light fireplace *(see Operation, **Page 22**)*. Check all other internal joints for leaks.
6. Turn off fireplace *(see To Turn Off Gas to Appliance, **Page 22**)*.

INSTALLING FLOOR MEDIA

Volcanic stone, ember flakes, scrap logs and glowing embers are included with the log/burner module models GTA36TEN, GTA42TEN, GTA50TEN, GTA36TEP, GTA42TEP and GTA50TEP

1. Follow instructions from Installing Log/Burner Module, ***Page 19***.
2. Pull glowing ember material apart into pieces no larger than a dime. Place these pieces loosely and sparingly directly onto exposed burner ports *(**Figure 36**)*. This will create the glowing ember appearance as flame touches ember material. Do not block air slots by using too much ember material in one area. Do not block pilot ports with embers. It is not necessary to use all of the glowing ember material provided.
3. Place ember flakes around front and sides of burner and on burner ports *(see **Figure 36**)*. This will create the glowing ember appearance as the flame touches the ember flakes. Do not block burner ports or pilot ports by overlapping ember flakes in one area. It is not necessary to use all ember material provided.
4. Place volcanic stone around base of burner. Make sure burner ports are not covered *(see **Figure 36**)*.
5. Place scrap log pieces randomly as desired on fireplace hearth floor around base of log set *(see **Figure 36**)*.
6. Place decorative andirons to the left and right of log set on the hearth floor. Grate does not attach to hearth assembly *(see **Figure 36**)*.

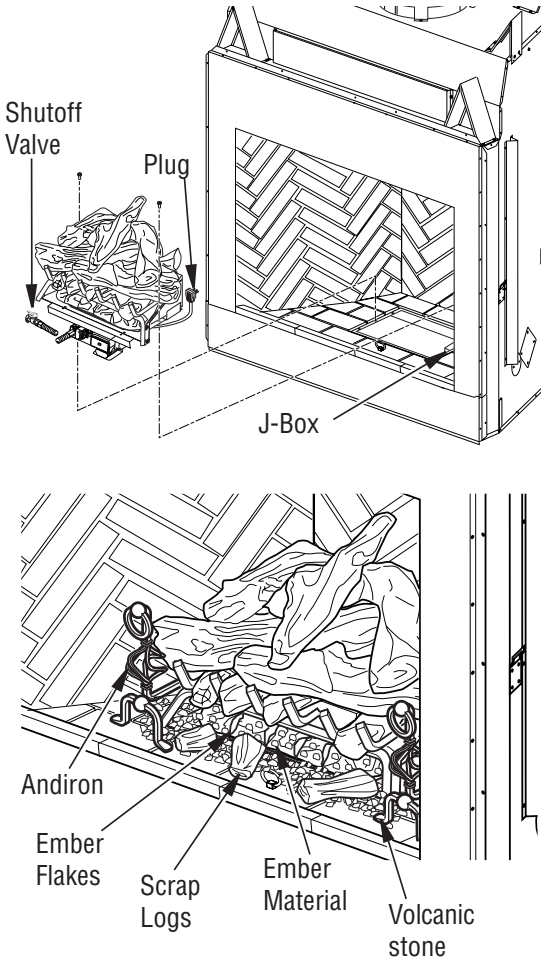


Figure 36 - Installing Floor Media

INSTALLING OPTIONAL GLASS DOOR ACCESSORY

IMPORTANT: Install glass door frame before installing glass door.

INSTALLING FRAME

1. Remove screws from smoke shelf *(see **Figure 37**).*
2. Mount top door frame and secure with screws provided *(see **Figure 37**).*
3. Place bottom door frame on top of ash lip at front of fireplace *(see **Figure 38**).*
4. Secure bottom door frame to brick with two hex screws provided as shown in ***Figure 38*** using a 7/16" open end or adjustable wrench.

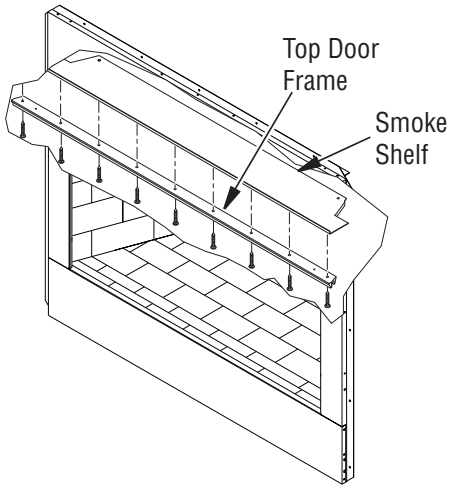


Figure 37 - Installing Top Door Frame

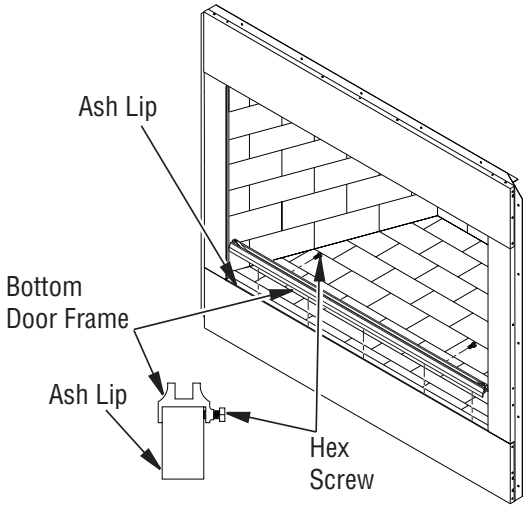


Figure 38 - Installing Bottom Door Frame

INSTALLING GLASS DOORS

Spring clips have been installed but some adjustments may be needed. Install the doors using the following steps:

1. With bifold doors completely folded, insert bottom pivot pin into pivot hole located near bottom corner of front face opening and swing door to vertical position making sure top pins slide into door track. Door is installed when top door pin snaps into spring clip.
2. Repeat step 1 for remaining door.

If you find the doors do not close properly or do not appear level or straight, proceed with section on door adjustment,

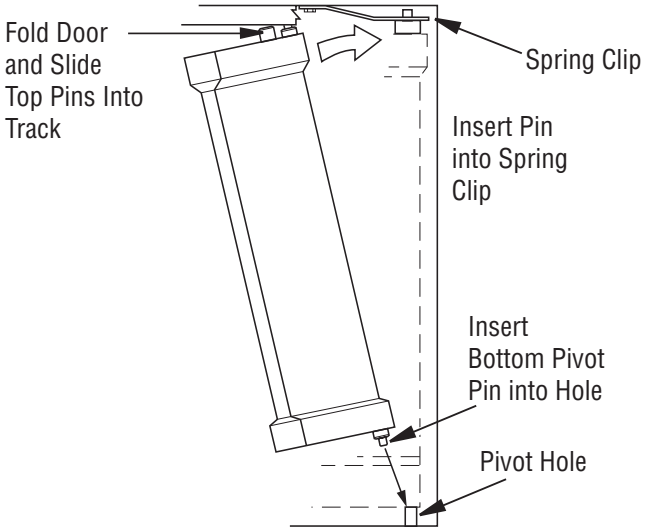


Figure 39 - Installing Bi-Fold Doors

DOOR ADJUSTMENT

Remove doors and slightly loosen lower pivot clips and upper spring clips. Replace doors and fully close them. Use 1/8" shims (any material) to level doors. Once proper setting is achieved, carefully open doors enough so that you can access spring clips with a phillips screwdriver. Tighten screws. See ***Figure 40***.

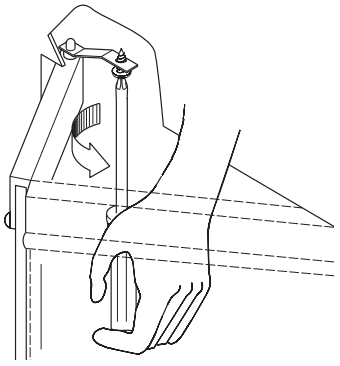


Figure 40 - Adjusting Bi-Fold Doors

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

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 logs will give off a paper-burning smell. Orange flame will also be present. Open damper or window to vent smell. This will only last a few hours.

1. STOP! Read the safety information above.
2. Turn off all electric power to fireplace.
3. Turn safety shutoff switch to the OFF position or press OFF on hand-held remote.
4. Put damper in full open position.
5. Fully open glass doors, if installed.
6. Remove center brick/control cover.
7. Turn equipment shutoff valve clockwise ↷ to the OFF position *(see **Figure 41**)*. Do not force.
8. 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, in column 1. If you don't smell gas, go to the next step.
9. Turn equipment shutoff valve counterclockwise ↶ to the ON position. Do not force.
10. Center brick/control cover.
11. Fully close glass doors, if installed.
12. Turn on all electric power to appliance.
13. Turn safety shutoff switch to the ON position or press ON on hand-held remote.
14. Visually locate pilot. Igniter should begin to spark and main burner should ignite once flame appears at pilot.
    - If lighting appliance for the first time each season, it may take several attempts before supply gas can reach pilot and main burners.
    - If appliance will not stay lit after several attempts, follow instructions under To Turn Off Gas To Appliance and call your service technician or gas supplier.

TO TURN OFF GAS TO APPLIANCE

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

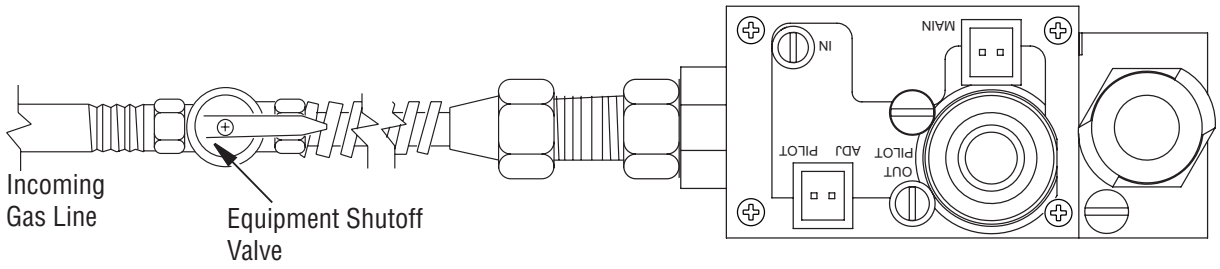


Figure 41 - Turning Equipment Shutoff Valve to the OFF Position

GAS CONTROL MODULE SYSTEM

The module has 2 special features built into the system.

CONTINUOUS PILOT FEATURE

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

1. There is a switch located on the right side of the module that reads CONTINUOUS PILOT ON/OFF. This switch selects the pilot's mode of operation *(**Figure 42**).*
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.

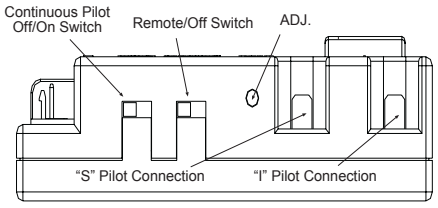


Figure 42 - Gas Module Right Side

1. 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.
2. The continuous pilot mode can also be activated by the Remote Control.

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 43**).*
2. When the remote/off switch is in the OFF position, the burner will operate from the rocker switch or wall switch connected to the two BROWN wires on the module.
3. When the remote/off is in the REMOTE position the burner will operate from the Remote Control transmitter.

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

- To program the module (make sure the system has power), locate the learn button *(**Figure 43**)* on the module. Press and release the learn button. There will be a beep sound from the module. Then press any button on the remote transmitter. Once the module's internal receiver accepts the transmitter code, there will be a series of confirming beeps.
- The remote system is ready for use.

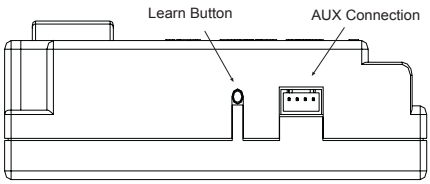


Figure 43 - Gas Module Left Side

BATTERY BACK-UP

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

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 44**).* Do not remove the adjustment screw.
- see Troubleshooting, ***Page 26***

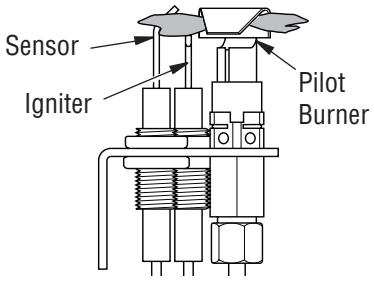


Figure 44 - Correct Pilot Flame Pattern

BURNER FLAME PATTERN

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

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

Figure 45 shows a typical flame pattern.

If burner flame pattern differs from that described:

- turn fireplace off *(see To Turn Off Gas to Appliance, **Page 22**)*
- see Troubleshooting, ***Page 26***

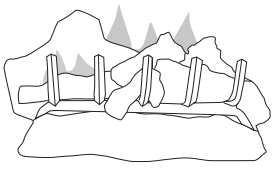


Figure 45 - Correct Burner Flame Pattern

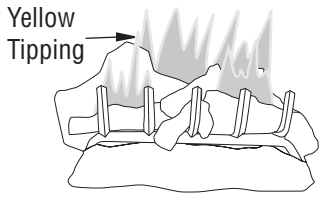


Figure 46 - Incorrect Burner Flame Pattern

⚠ 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.

⚠ WARNING: Installation and repair should be done by a qualified service person. The appliance should be inspected before each use and at least annually by a qualified service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, pet hair, etc. It is imperative that the control compartments, burners and circulating air system be kept clean.

⚠ WARNING: The logs can be hot. Handle only when cool.

⚠ WARNING: Turn off gas and electrical power before servicing appliance.

⚠ WARNING: Failure to keep the primary air opening(s) of the burner(s) clean may result in sooting and property damage.

GLASS DOORS

Glass doors are optional with the fireplace. When fireplace is in operation, doors must be fully opened or fully closed position only or a fire hazard may be created *(see **Figure 47**)*.

A fireplace equipped with glass doors operates much differently than a fireplace with an open front. A fireplace with glass doors has a limited amount of air for combustion.

Excessive heat within fireplace can result if too large a fire is built or if combustion air gate is not completely open. To insure proper function, both flue damper and glass doors must be fully opened before starting fire. This will provide sufficient combustion air and maintain safe temperatures in firebox. 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.

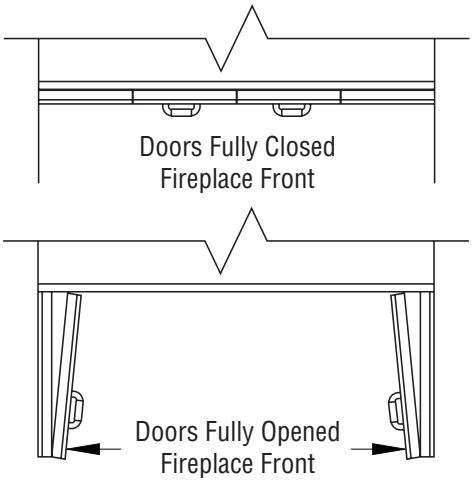


Figure 47 - Bi-Fold Glass Doors

⚠ WARNING: Fireplaces equipped with glass doors should be operated only with doors fully opened or doors fully closed. Doors, if left partly open, may draw gas and flame out of the fireplace opening creating risks of both fire and smoke.

CLEANING GLASS

Clean glass with any commercial glass cleaner or soap and water. Do not use any abrasive material to clean glass. Do not clean glass with any cool water if glass is still hot from the fire and smoke.

PILOT AND BURNERS

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

LOGS

- Use a vacuum cleaner to remove any carbon buildup on logs.
- Replace material periodically as needed. See Replacement Parts, ***Page 30***.

VENTING SYSTEM

Conduct annual inspection of the venting system following these guidelines:

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

OUTSIDE AIR AND DAMPER HANDLE OPERATION

The damper handle, which opens and closes the damper blade, is located in the upper front face of the fireplace. Pushing the handle forward and up through the keyway slot will free damper blade to automatically open. Pushing the handle forward and down will lock damper blade closed. Damper must be locked in the full open position before operating fireplace *(see **Figure 48**).*

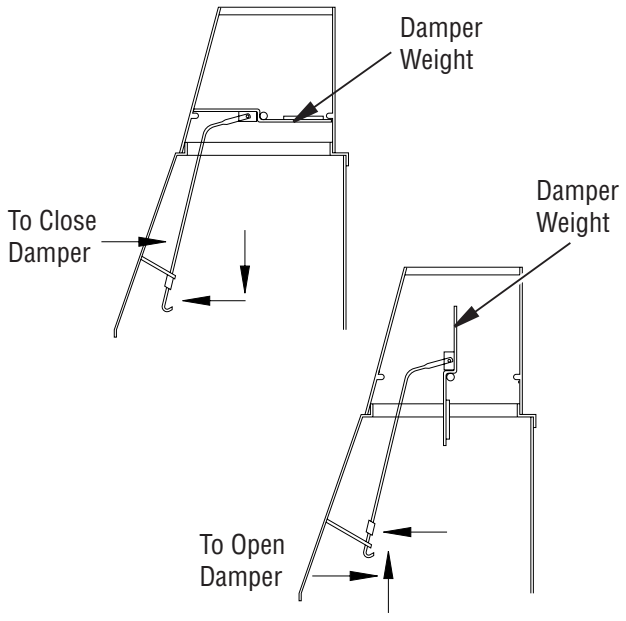


Figure 48 - Operating Damper Handle

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

Replacing Batteries in AC Battery Backup

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

Installing Batteries in Remote Control Unit

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

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.
The two most common causes of a malfunctioning gas appliance are:
1. Loose wiring connections
2. Construction debris clogging the pilot and/or gas control valve filter

OBSERVED PROBLEM	POSSIBLE CAUSE	REMEDY
Igniter will not spark or 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 Replacement Parts, **Page 30**)*
	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 29**)*.
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 thermopile
	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
Remote does not function	1. Battery is not installed or battery is power is low	1. Replace 4-AA batteries in receiver and/or remote control

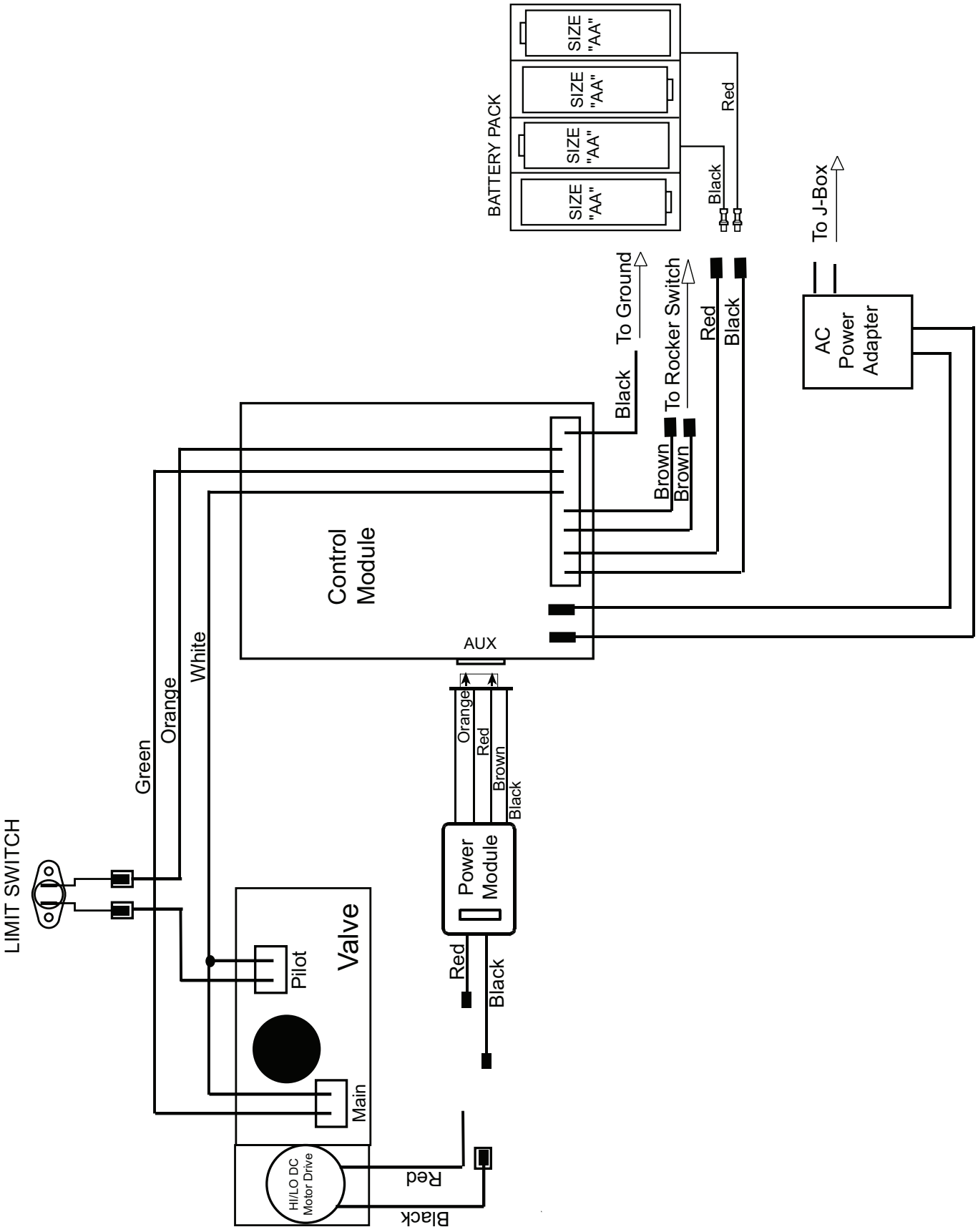
TROUBLESHOOTING *Continue*

OBSERVED PROBLEM	POSSIBLE CAUSE	REMEDY
Burner does not light after pilot is lit or cycles during operation.	1. Burner orifice clogged	1. Clean burner *(see Cleaning and Maintenance, **Page 24**)* or replace burner orifice
	2. Inlet gas pressure is too low	2. Contact local propane/LP or natural gas company
	3. Thermopile leads disconnected or improperly connected	3. Reconnect leads
	4. Thermopile is defective	4. Replace thermopile
	5. Improper venting or excessive blockage	5. Have the vent system inspected, including the termination cap. Remove any restriction or obstruction
Delayed ignition at burner	1. Manifold pressure too low	1. Contact local propane/LP or natural gas company
	2. Burner porting or orifice clogged	2. Clean burner *(see Cleaning and Maintenance, **Page 24**)* or replace burner orifice
Burner backfiring during combustion	1. Burner orifice is clogged or damaged	1. Clean burner *(see Cleaning and Maintenance, **Page 24**)* or replace burner orifice
	2. Damaged burner	2. Replace damaged burner
	3. Gas regulator defective	3. Replace gas control
Slight smoke or odor during initial operation	1. Residues from manufacturing processes and logs curing	1. Problem will stop after a few hours of operation
Heat produces a whistling noise when burner is lit	1. Turning gas control knob to HI position when burner is cold	1. Turn gas control knob to LO position and let warm up for a minute
	2. Air in gas line	2. Operate burner until air is removed from line. Have gas line checked by propane/LP or natural gas company
	3. Dirty or partially clogged burner orifice	3. Clean burner *(see Cleaning and Maintenance, **Page 24**)* or replace burner orifice
Fireplace produces unwanted odors	1. Gas leak. See **Warning statement,at top of Page 28**	1. Locate and correct all leaks *(see Checking Gas Connections, **Page 19**)*
Fireplace shuts off in use	1. High or gusting winds	1. Fireplace has been tested for up to 40 mph winds. However, extreme conditions may occur. See Lighting Instructions. ***Page 22***
	2. Low line pressure	2. Check local propane/LP or natural gas company
	3. Pilot is partially clogged	3. Clean pilot *(see Cleaning and Maintenance, **Page 24**)*
	4. Inner vent pipe leaking exhaust gases into system	4. Locate and correct all vent connections *(see Venting installation, **Page 11**)*
	5. Bad thermopile or thermocouple	5. Replace faulty components
	6. Vent cap improperly installed or blocked	6. Check for proper installation or remove debris or blockage.
Burner does not light after pilot is lit	1. Burner orifice clogged	1. Clean burner *(see Cleaning and Maintenance, **Page 24**)* or replace burner orifice
	2. Inlet gas pressure is too low	2. Contact local propane/LP or natural gas company
	3. Thermopile leads disconnected or improperly connected	3. Reconnect leads to TP and TPTH terminals on control valve
	4. Thermopile is defective	4. Replace thermopile

⚠ 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** 2. Control valve defective	1. Locate and correct all leaks *(see Checking Gas Connections, **Page 19**)* 2. Replace control valve
Gas odor during combustion	1. Foreign matter between control valve and burner 2. Gas leak. **See Warning statement at top of Page**	1. Take apart gas tubing and remove foreign matter 2. Locate and correct all leaks *(see Checking Gas Connections, **Page 19**)*
Glass soots	1. Debris around burner air mixer 2. Improper vent configuration	1. Inspect opening at base of burner to see that it is NOT packed with any type of material 2. Check vent configuration specification *(see Venting Installation, **Page 11**)*
Dark residue on logs or inside of fireplace	1. Air holes at burner inlet blocked 2. Burner flame holes blocked 3. Improper venting or excessive blockage 4. Excessive amounts of embers and pan material	1. Clean out air holes at burner inlets. Periodically repeat as needed 2. Remove blockage 3. Have vent system inspected, including termination cap. Remove any restrictions or obstruction 4. Clear excess embers until a minimum gap of 1/2" remains under grate

WIRING DIAGRAM



SPECIFICATIONS

GTA36TEN
- Rating: 53,000/32,000 Btu/hr
- Gas Type: Natural Gas Only
- Ignition: Electronic
- Manifold Pressure: 3.5" W.C.
- Minimum Inlet Supply Pressure: 4.5" W.C.
- Maximum Inlet Supply Pressure: 10.5" W.C.
- Orifice: #23

GTA42TEN
- Rating: 62,000/37,000 Btu/hr
- Gas Type: Natural Gas Only
- Ignition: Electronic
- Manifold Pressure: 3.5" W.C.
- Minimum Inlet Supply Pressure: 4.5" W.C.
- Maximum Inlet Supply Pressure: 10.5" W.C.
- Orifice: #19

GTA50TEN
- Rating: 66,000/38,000 Btu/hr
- Gas Type: Natural Gas Only
- Ignition: Electronic
- Manifold Pressure: 3.5" W.C.
- Minimum Inlet Supply Pressure: 4.5" W.C.
- Maximum Inlet Supply Pressure: 10.5" W.C.
- Orifice: #16

GTA36TEP
- Rating: 52,000/39,000 Btu/hr
- Gas Type: Propane/LP Only
- Ignition: Electronic
- Manifold Pressure: 10" W.C.
- Minimum Inlet Supply Pressure: 11" W.C.
- Maximum Inlet Supply Pressure: 13" W.C.
- Orifice: #44

GTA42TEP
- Rating: 59,000/43,000 Btu/hr
- Gas Type: Propane/LP Only
- Ignition: Electronic
- Manifold Pressure: 10" W.C.
- Minimum Inlet Supply Pressure: 11" W.C.
- Maximum Inlet Supply Pressure: 13" W.C.
- Orifice: #43

GTA50TEP
- Rating: 63,000/46,000 Btu/hr
- Gas Type: Propane/LP Only
- Ignition: Electronic
- Manifold Pressure: 10" W.C.
- Minimum Inlet Supply Pressure: 11" W.C.
- Maximum Inlet Supply Pressure: 13" W.C.
- Orifice: #42

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 32 to 38*** 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)

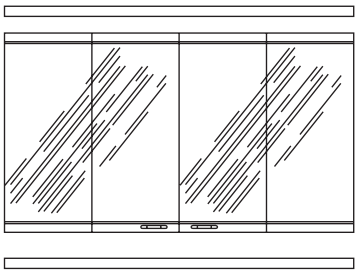
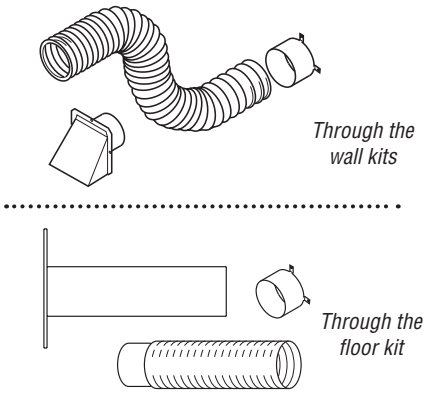
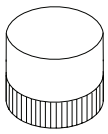
You may feel your gas pressure is too low. If so, contact your local gas supplier.

ACCESSORIES

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

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

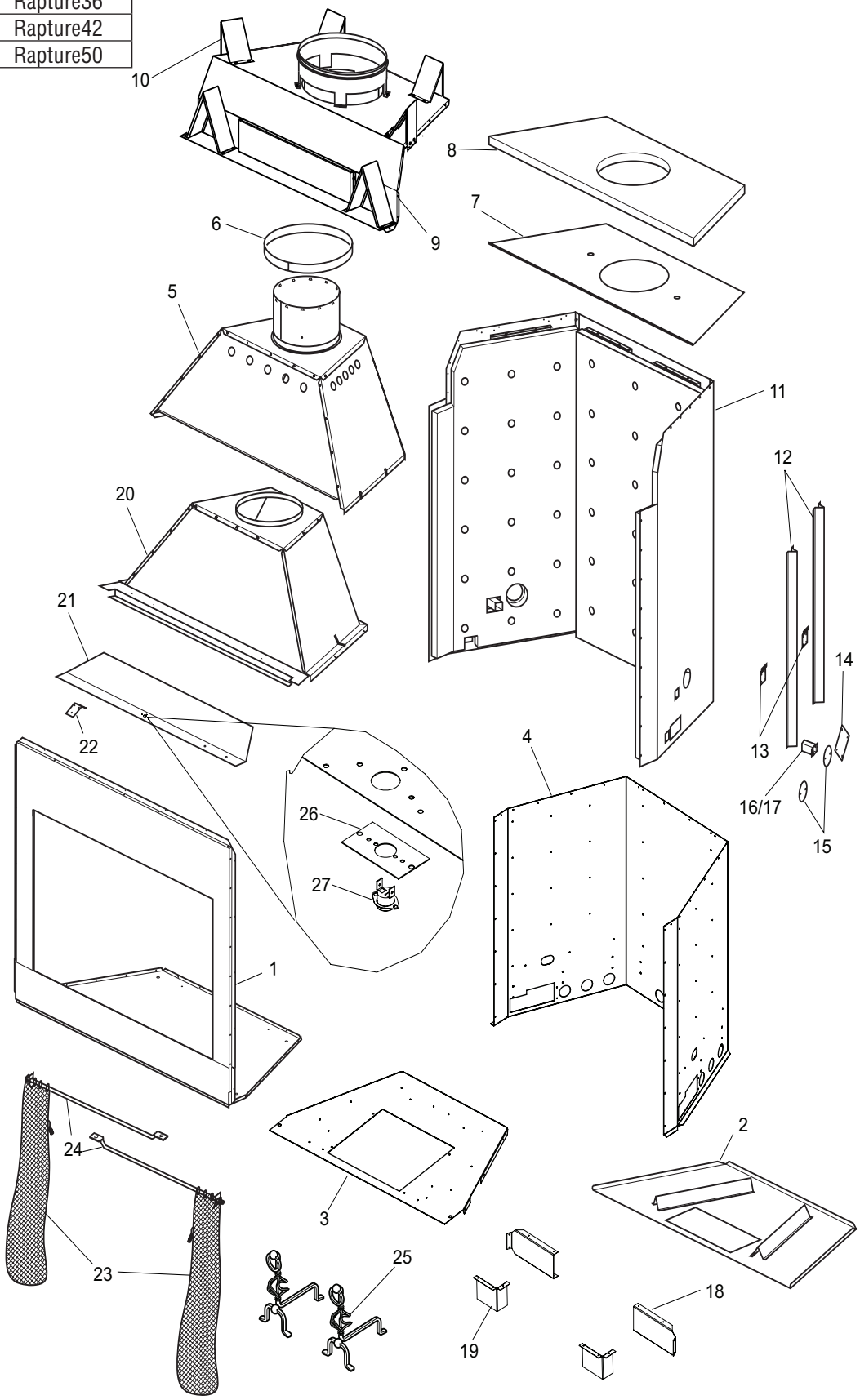
NOTICE: All accessories may not be available for all fireplace models.

CAT NO.	MODEL	DESCRIPTION	
BI-FOLD GLASS DOORS (For Use With Mosaic Brick Only)			
F1011	BDMO36E	Glass Door, 36" Ebony	
F1012	BDMO36G	Glass Door, 36" Pewter	
F1013	BDMO36C	Glass Door, 36" Oiled Bronze	
F1014	BDMO42E	Glass Door, 42" Ebony	
F1015	BDMO42G	Glass Door, 42" Pewter	
F1016	BDMO42C	Glass Door, 42" Oiled Bronze	
F1020	BDMO50E	Glass Door, 50" Ebony	
F1021	BDMO50G	Glass Door, 50" Pewter	
F1022	BDMO50C	Glass Door, 50" Oiled Bronze	
OPTIONAL OUTSIDE AIR KITS Optional kit helps offset the negative pressure often existing in today's tightly constructed homes. Negative pressure may occur when other appliances in the home draw on air, possibly leading to poor operation, soot, or spillage.			
F1091	AK4	4" Air Kit with Collar, Hood & 3' Flex (thru wall)	
F1092	AK4X	4" Air Kit, Collar & Hood Only (thru wall)	
F1094	AK4B	50 piece Bulk Outside Air Kit - Collar Only (thru wall)	
F1093	AK4F	Air Kit Collar, Hood, 3' Flex for Floor Venting (thru floor)	
8" B-TYPE TRANSITION PIPE			
F0930	BTC-8	"B" Vent Transition Collar - 8" Chimney	
MOSAIC MASONRY FIREBRICK WALL SYSTEMS			*Not Shown*
F0802	Mosiac36M4	36" Split Stacked Warm Red Masonry Firebrick Walls	
F0803	Mosiac36M5	36" Split Herringbone Warm Red Masonry Firebrick Walls	
F0804	Mosiac36M4	36" Split Stacked Ivory Masonry Firebrick Walls	
F0805	Mosiac36M5	36" Split Herringbone Ivory Masonry Firebrick Walls	
F0806	Mosiac42M4	42" Split Stacked Warm Red Masonry Firebrick Walls	
F0807	Mosiac42M5	42" Split Herringbone Warm Red Masonry Firebrick Walls	
F0808	Mosiac42M4	42" Split Stacked Ivory Masonry Firebrick Walls	
F0809	Mosiac42M5	42" Split Herringbone Ivory Masonry Firebrick Walls	
F0810	Mosiac50M4	50" Split Stacked Warm Red Masonry Firebrick Walls	
F0811	Mosiac50M5	50" Split Herringbone Warm Red Masonry Firebrick Walls	
F0812	Mosiac50M4	50" Split Stacked Ivory Masonry Firebrick Walls	
F0813	Mosiac50M5	50" Split Herringbone Ivory Masonry Firebrick Walls	

PARTS

MODELS RAPTURE36, RAPTURE42 AND RAPTURE50

CAT. NO.	MODEL
F0793	Rapture36
F0794	Rapture42
F0795	Rapture50



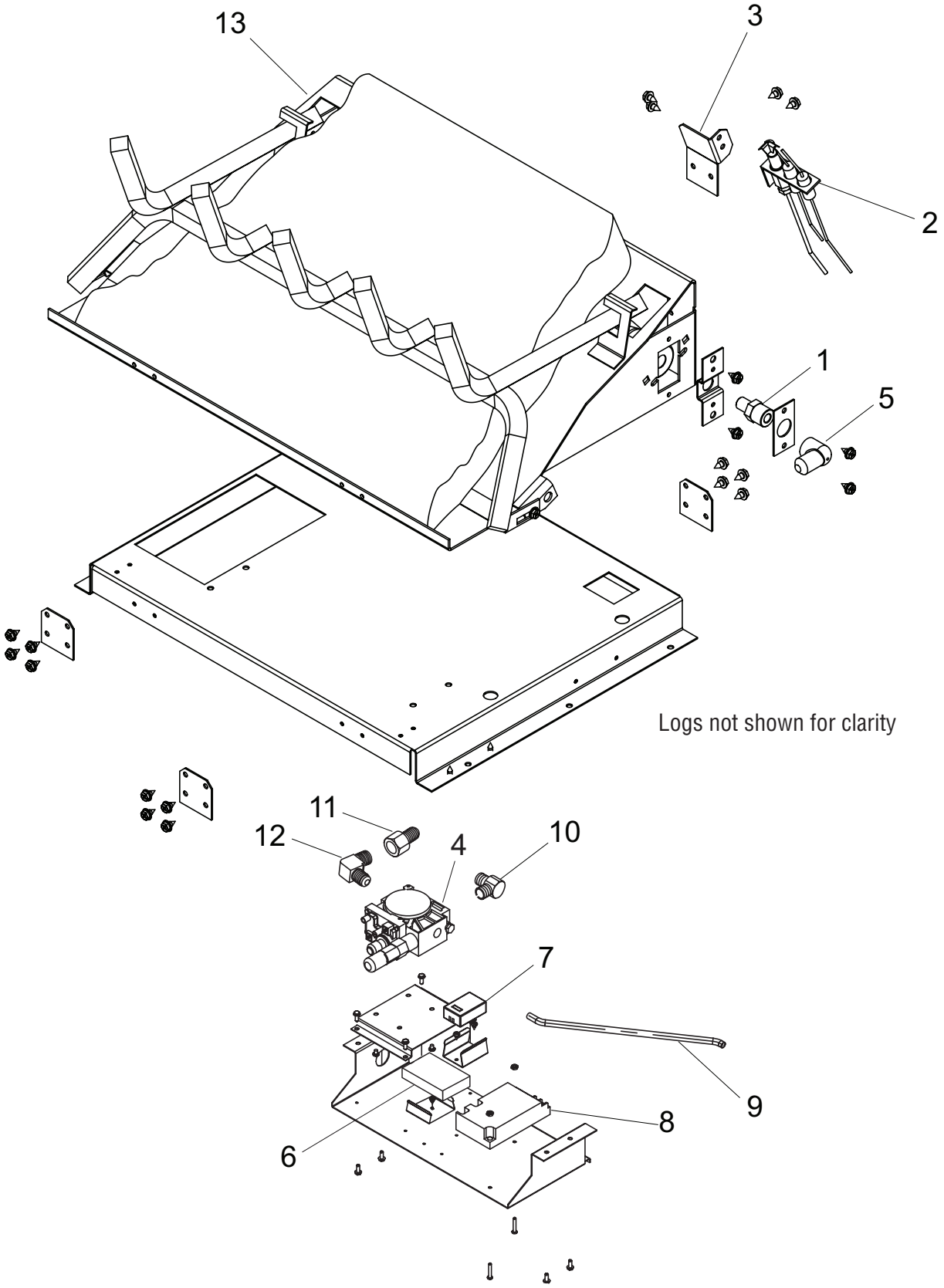
PARTS

This list contains replaceable parts used in your firebox. When ordering parts, follow the instructions listed under Replacement Parts on ***Page 30*** 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	Rapture36 (F0793	Rapture42 (F0794)	Rapture50 (F0795)	QTY.
1	**	Face Assembly	•	•	•	1
2	**	Firebox Bottom Assembly	•	•	•	1
3	**	Firebox Bottom	•	•	•	1
4	**	Firebox Surround	•	•	•	1
5	**	Outer Dome Assembly	•	•	•	1
6	**	Insulation Pan Support	•	•	•	1
7	**	Insulation Pan	•	•	•	1
8	**	Top Insulation	•	•	•	1
9	**	Fireplace Top Assembly, 36"	•			1
	**	Fireplace Top Assembly, 42"		•		1
	**	Fireplace Top Assembly, 50"			•	1
10	J6997	Standoff	•	•	•	4
11	**	Fireplace Surround Assembly	•	•	•	1
12	J4362	Clearance Spacer	•	•	•	6
13	J5329	Fireplace Handle Bracket	•	•	•	4
14	J6900	Outside Air Cover Plate	•	•	•	2
15	J6934	Gas Conduit Cover	•	•	•	4
16	J4368	Conduit One	•	•	•	2
17	J4369	Conduit Two	•	•	•	2
18	**	Firebox Support	•			2
	**	Firebox Support		•	•	1
19	**	Firebox Legs	•	•	•	2
20	**	Inner Dome Assembly	•	•	•	1
21	**	Smoke Shield	•	•	•	1
22	**	Damper Control Bracket	•	•	•	1
23	J4342	Screen 36"	•			2
	J4341	Screen 42"		•		2
	J4340	Screen 50"			•	2
24	J6928	Screen Rod 36"	•			2
	J4391	Screen Rod 42"		•		2
	J4390	Screen Rod 50"			•	2
25	J5667	Decorative Andiron	•	•	•	2
26	RP125358-01	Limit Switch Plate	•	•	•	1
27	F2862	Limit Switch 260º F	•		•	1
	J3942	Limit Switch 300º F		•		1
		PARTS AVAILABLE NOT SHOWN				
	J4103	Wire Harness	•	•	•	1
	see ***Page 40***	Firebrick Walls	•	•	•	

** Not a field replaceable part.


13
3
2
1
5
Logs not shown for clarity
11
12
4
10
7
9
8
6

PARTS

This list contains replaceable parts used in your fireplace. When ordering parts, follow the instructions listed under Replacement Parts on ***Page 30*** 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	GTA36TEN (F0796)	GTA36TEP (F0797)	GTA42TEN (F0798)	GTA42TEP (F0799)	GTA50TEN (F0800)	GTA50TEP (F0801)	QTY.
1	J6984	ORIFICE, #44 (0.086)		•					1
	J7583	ORIFICE, #23 (0.154)	•						1
	J7073	ORIFICE, #43 (0.088)				•			1
	J4798	ORIFICE, #19 (.166)			•				1
	RP112371-16	ORIFICE, #16 (.281)					•		1
	J7050	ORIFICE, # 42 (.0935)						•	1
2	J6555	PILOT, NG ST-3-092-1010	•		•		•		1
	J6556	PILOT, LP ST-3-091-1012		•		•		•	1
3	RP125609-01	BRACKET, PILOT	•	•	•	•	•	•	1
4	J6198	ASSY, VALVE W/SET SCREW #0	•		•		•		1
	J6196	VALVE,MOTORIZED H/L FOUR PORTD		•		•		•	1
5	J6851	FITTING, BRASS ELBOW	•	•	•	•	•	•	1
6	J6205	BATTERY, BACKUP (W/BATTERIES)	•	•	•	•	•	•	1
7	J6204	POWER, MODULE (AF-4000-110H/L)	•	•	•	•	•	•	1
8	J6199	MODULE, CONTROL AF4000MOD-1	•	•	•	•	•	•	1
9	J4174	FLEX LINE, 3/8	•	•	•	•	•	•	1
10	J6818	ELBOW,3/8"MX3/8"FLRE BRASS	•	•	•	•	•	•	1
11	RP110118-01	FITTING, 3/8 FPT X 1/2" FLARE	•	•	•	•	•	•	1
12	J7200	FITTING, MALE BRASS ELBOW	•	•	•	•	•	•	1
13	J6889	KIT, BBM36 LOG REPLACEMENT	•	•					1
	J6552	KIT, BBM42 LOG REPLACEMENT			•	•			1
	J6553	KIT, BBM50 LOG REPLACEMENT					•	•	1
		PARTS AVAILABLE NOT SHOWN							
	J4863	EMBER FLAKES KIT (FMI)	•	•	•	•	•	•	1
	J7122	EMBERS/BAG ASSY. (1 OZ.)	•	•	•	•	•	•	1
	J3693	ASSEMBLY, VOLCANIC STONE (2.5LBS)	•	•	•	•	•	•	1
	J5295	KIT, MHD LOG SCRAP (SANTA ANA)	•	•	•	•	•	•	1
	J6206	CONTROL, REMOTE TRANSM. ON/OFF	•	•	•	•	•	•	1
	J8041	LINE, GAS 30"W/SHUT OFF	•	•	•	•	•	•	1
	J6202	HARNESS, WIRE BBM	•	•	•	•	•	•	1
	J6203	Adaptor, A/C WITH 24" CON.WIRE	•	•	•	•	•	•	1
	J6813	CORD, EXTENSION, PIGTAIL (16")	•	•	•	•	•	•	1
	J6868	SWITCH, ROCKER ON/OFF/REMOTE	•	•	•	•	•	•	1
	RP125518-01	PAINT, TOUCH UP 88C	•	•	•	•	•	•	1

** Not a field replaceable part.

MODELS MOSAIC SERIES

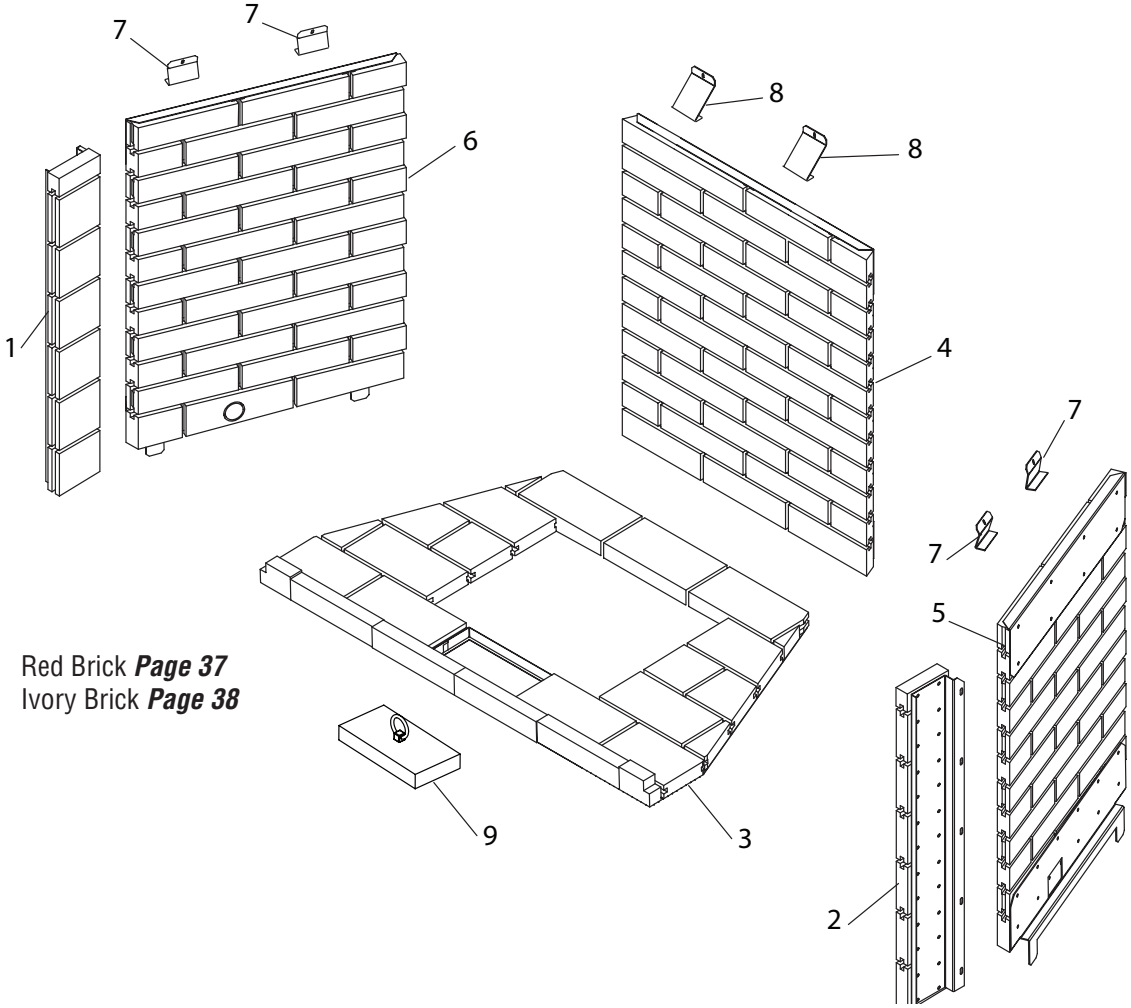
Picture may vary from actual

IMPORTANT: Installation of brick panels should be done after the fireplace is placed in a permanent location.



⚠ WARNING

LIFTING HAZARD
SINGLE -PERSON LIFT COULD CAUSE INJURY.
USE ASSISTANCE WHEN MOVING OR LIFTING.



Red Brick ***Page 37***
Ivory Brick ***Page 38***

MOSAIC FIREBRICK WALL KIT (For Use With Rapture36/42/50 Models Only)		
CATALOG NO.	**MODEL**	**DESCRIPTION**
F0802	Mosaic36M4	Rapture 36" Split Stacked Warm Red Masonry Firebrick Walls
F0803	Mosaic36M5	Rapture 36" Split Herringbone Warm Red Masonry Firebrick Walls
F0804	Mosaic36M4	Rapture 36" Split Stacked Ivory Masonry Firebrick Walls
F0805	Mosaic36M5	Rapture 36" Split Herringbone Ivory Masonry Firebrick Walls
F0806	Mosaic42M4	Rapture 42" Split Stacked Warm Red Masonry Firebrick Walls
F0807	Mosaic42M5	Rapture 42" Split Herringbone Warm Red Masonry Firebrick Walls
F0808	Mosaic42M4	Rapture 42" Split Stacked Ivory Masonry Firebrick Walls
F0809	Mosaic42M5	Rapture 42" Split Herringbone Ivory Masonry Firebrick Walls
F0810	Mosaic50M4	Rapture 50" Split Stacked Warm Red Masonry Firebrick Walls
F0811	Mosaic50M5	Rapture 50" Split Herringbone Warm Red Masonry Firebrick Walls
F0812	Mosaic50M4	Rapture 50" Split Stacked Ivory Masonry Firebrick Walls
F0813	Mosaic50M5	Rapture 50" Split Herringbone Ivory Masonry Firebrick Walls

PARTS

This list contains replaceable parts used in your Mosaic firebox. When ordering parts, follow the instructions listed under Replacement Parts on ***Page 30*** 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.

MOSAIC FIREBRICK WALL KIT (For Use With Rapture36/42/50 Models Only)		
CATALOG NO.	**MODEL**	**DESCRIPTION**
F0802	Mosaic36M4	Rapture 36" Split Stacked Warm Red Masonry Firebrick Walls
F0803	Mosaic36M5	Rapture 36" Split Herringbone Warm Red Masonry Firebrick Walls
F0806	Mosaic42M4	Rapture 42" Split Stacked Warm Red Masonry Firebrick Walls
F0807	Mosaic42M5	Rapture 42" Split Herringbone Warm Red Masonry Firebrick Walls
F0810	Mosaic50M4	Rapture 50" Split Stacked Warm Red Masonry Firebrick Walls
F0811	Mosaic50M5	Rapture 50" Split Herringbone Warm Red Masonry Firebrick Walls

KEY NO.	CATALOG NO.	DESCRIPTION	Mosaic36M4 (F0802)	Mosaic36M4 (F0803)	Mosaic42M4 (F0806)	Mosaic42M5 (F0807)	Mosaic50M4 (F0810)	Mosaic50M5 (F0811)	QTY.
1	J6264	ASSY, LT FNT PANEL CUT 36" RED	•	•					1
	J6268	ASSY, LT FNT PNL CUT 42/50 RED			•	•	•	•	1
2	J6265	ASSY, RT FNT PANEL CUT 36" RED	•	•					1
	J6269	ASSY, RT FNT PNL CUT 42/50 RED			•	•	•	•	1
3	J6160	ASSY, BV HEARTH PNL CUT 36 RED	•	•					1
	F0806	ASSY, BV HEARTH PNL CUT 42 RED			•	•			1
	F0810	ASSY, BV HEARTH PNL CUT 50 RED					•	•	1
4	RP124216-01	ASSY, REAR PANEL CUT SRB36R	•						1
	J7624	ASSY, REAR PANEL CUT SHB36R		•					1
	RP125419-01	ASSY, REAR PANEL CUT SRB42R			•				1
	RP125431-01	ASSY, REAR PANEL CUT SHB42R				•			1
	RP125443-01	ASSY, REAR PANEL CUT SRB50R					•		1
	RP125455-01	ASSY, REAR PANEL CUT SHB50R						•	1
5	J7715	ASSY, RIGHT PANEL CUT SRB36R	•						1
	RP124230-01	ASSY, RIGHT PANEL CUT SHB36R		•					1
	RP125445-01	ASSY, RT PANEL CUT SRB42/50R			•		•		1
	J7626	ASSY, RT PANEL CUT SHB42R				•			1
	RP125457-01	ASSY, RT PANEL CUT SHB50R						•	1
6	J6058	ASSY, LEFT PANEL CUT SRB36R	•						1
	RP124232-01	ASSY, LEFT PANEL CUT SHB36R		•					1
	RP125447-01	ASSY, LT PANEL CUT SRB42/50R			•		•		1
	J7643	ASSY, LT PANEL CUT SHB42R				•			1
	RP125459-01	ASSY, LT PANEL CUT SHB50R						•	1
7	J6045	RETAINER, SIDE PANEL 36"	•	•					4
	J6046	RETAINER, SIDE PANEL 42/50			•	•	•	•	4
	J6048	RETAINER, SIDE PANEL 36" SS	•	•					4
	J6049	RETAINER, SIDE PANEL 42/50 SS			•	•	•	•	4
8	J6047	RETAINER, REAR PANEL 36/42/50	•	•	•	•	•	•	2
	J6050	RETAINER, REAR PANEL 36/42/50	•	•	•	•	•	•	2
9	J5563	ASSY, BRICK ASH BOX RED	•	•	•	•	•	•	1

PARTS

This list contains replaceable parts used in your Mosaic firebox. When ordering parts, follow the instructions listed under Replacement Parts on ***Page 30*** 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.

MOSAIC FIREBRICK WALL KIT (For Use With Rapture36/42/50 Models Only)		
CATALOG NO.	**MODEL**	**DESCRIPTION**
F0804	Mosaic36M4	Rapture 36" Split Stacked Ivory Masonry Firebrick Walls
F0805	Mosaic36M5	Rapture 36" Split Herringbone Ivory Masonry Firebrick Walls
F0808	Mosaic42M4	Rapture 42" Split Stacked Ivory Masonry Firebrick Walls
F0809	Mosaic42M5	Rapture 42" Split Herringbone Ivory Masonry Firebrick Walls
F0812	Mosaic50M4	Rapture 50" Split Stacked Ivory Masonry Firebrick Walls
F0813	Mosaic50M5	Rapture 50" Split Herringbone Ivory Masonry Firebrick Walls

KEY NO.	CATALOG NO.	DESCRIPTION	Mosaic36M4 (F0804)	Mosaic36M5 (F0805)	Mosaic42M4 (F0808)	Mosaic42M5 (F0809)	Mosaic50M4 (F0812)	Mosaic50M5 (F0813)	QTY.
1	J6266	ASSY, LT FNT PANEL CUT 36"IVOR	•	•					1
	J6270	ASSY, LT FNT PNL CUT 42/50IVOR			•	•	•	•	1
2	J6267	ASSY, RT FNT PANEL CUT 36" IVO	•	•					1
	J6271	ASSY, RT FNT PNL CUT 42/50IVOR			•	•	•	•	1
3	J6161	ASSY,BV HEARTH PNL CUT36 IVOR	•	•					1
	F2068	ASSY, BV HEARTH PNL CUT 42 IVOR			•	•			1
	J7584	ASSY, BV HEARTH PNL CUT 50 IVOR					•	•	1
4	RP124216-02	ASSY, REAR PANEL CUT SRB36I	•						1
	J6065	ASSY, REAR PANEL CUT SHB36I		•					1
	J7375	ASSY, REAR PANEL CUT SRB42I			•				1
	J7376	ASSY, REAR PANEL CUT SHB42I				•			1
	RP125443-02	ASSY, REAR PANEL CUT SRB50I					•		1
	K2003	ASSY, REAR PANEL CUT SHB501						•	1
5	RP124218-02	ASSY, RIGHT PANEL CUT SRB36I	•						1
	J6066	ASSY, RIGHT PANEL CUT SHB36I		•					1
	J7377	ASSY, RT PANEL CUT SRB42/50I			•		•		1
	J6472	ASSY, RT PANEL CUT SHB42I				•			1
	RP125457-02	ASSY, RT PANEL CUT SHB50I						•	1
6	J7371	ASSY, LEFT PANEL CUT SRB36I	•						1
	J7513	ASSY, LEFT PANEL CUT SHB36I		•					1
	J6480	ASSY, LT PANEL CUT SRB42/50I			•		•		1
	J6473	ASSY, LT PANEL CUT SHB42I				•			1
	RP125459-02	ASSY, LT PANEL CUT SHB50I						•	1
7	J6045	RETAINER, SIDE PANEL 36"	•	•					4
	J6046	RETAINER, SIDE PANEL 42/50			•	•	•	•	4
	J6048	RETAINER, SIDE PANEL 36" SS	•	•					4
	J6049	RETAINER, SIDE PANEL 42/50 SS			•	•	•	•	4
8	J6047	RETAINER, REAR PANEL 36/42/50	•	•	•	•	•	•	2
	J6050	RETAINER, REAR PANEL 36/42/50	•	•	•	•	•	•	2
9	J5565	ASSY, BRICK ASH BOX IVORY	•	•	•	•	•	•	1

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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Record the following important information about your fireplace:

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

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

INNOVATIVE HEARTH PRODUCTS

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