

H35-10 Direct Vent Gas Fireplace

Owners & Installation Manual



H35 Product Video

www.hampton-fire.com

MODELS: H35-NG10 Natural Gas H35-LP10 Propane

⚠ 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 neighbour'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.

Tested by:



Installer: Please complete the details on the back cover and leave this manual with the homeowner.

Homeowner: Please keep these instructions for future reference.

HAMPTON®

Direct Vent Freestanding Gas Stove

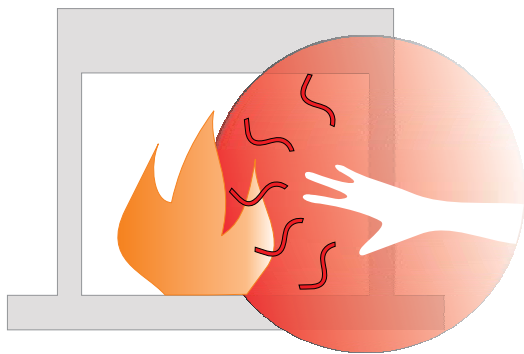
To the New Owner:

Congratulations!

You are the owner of a state-of-the-art Hampton® Gas Stove by REGENCY FIREPLACE PRODUCTS . The H35-10 is a hand crafted appliance and has been designed to provide you with all the warmth and charm of a wood fireplace at the flick of a switch. The model H35-10 has been approved by Warnock Hersey/ Intertek for both safety and efficiency. As it also bears our own mark, it promises to provide you with economy, comfort and security for many trouble free years to follow. Please take a moment now to acquaint yourself with these instructions and the many features of your Hampton® Stove.



DANGER



**HOT GLASS WILL
CAUSE BURNS**

**DO NOT TOUCH GLASS
UNTIL COOLED**

**NEVER ALLOW CHILDREN
TO TOUCH GLASS**

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

CAUTION:

**HOT WHILE IN OPERATION. DO NOT TOUCH.
SEVERE BURNS MAY RESULT. KEEP CHILDREN, CLOTHING, FURNITURE,
GASOLINE, AND ANY LIQUIDS WITH FLAMMABLE VAPOURS AWAY.**

**KEEP BURNER AND CONTROL COMPARTMENT CLEAN.
SEE INSTALLATION AND OPERATING INSTRUCTIONS ACCOMPANYING
APPLIANCE.**

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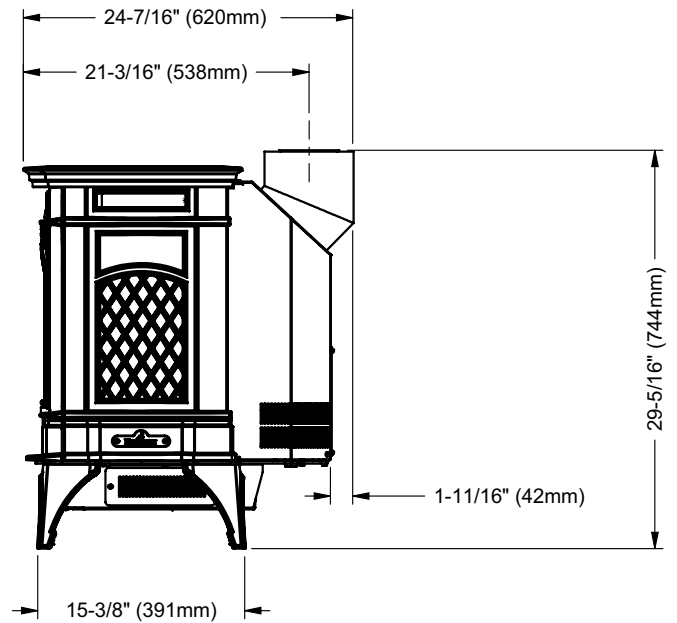
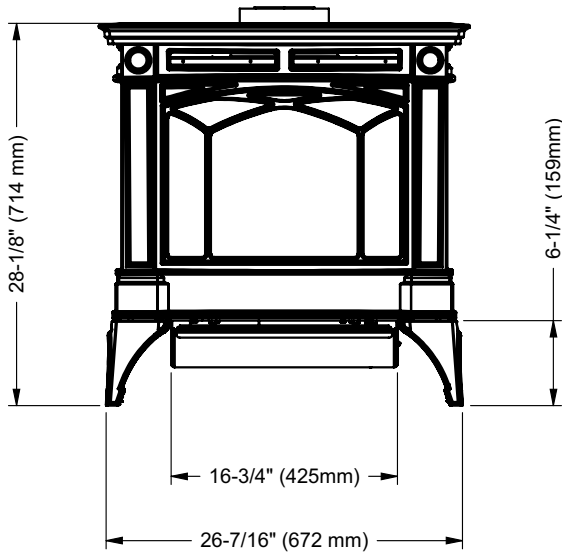
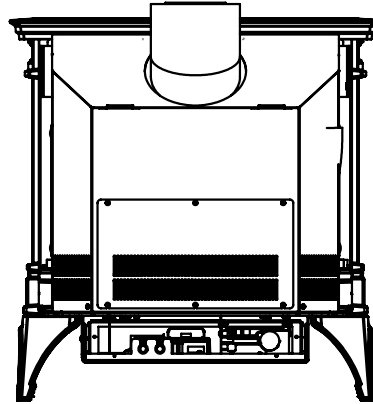
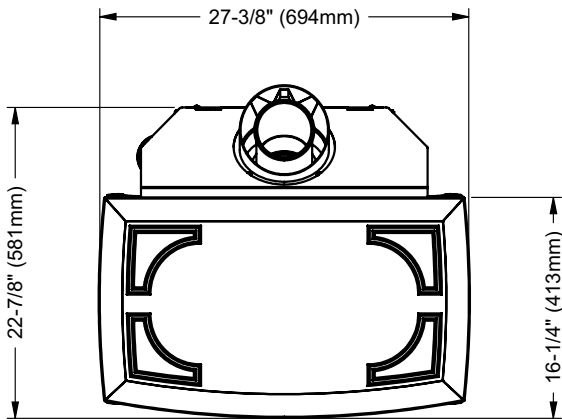


We recommend that our products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) or in Canada by Wood Energy Technical Training (WETT).



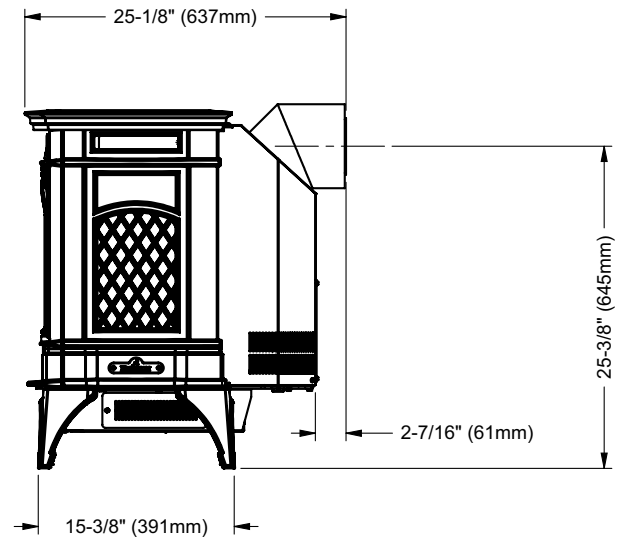
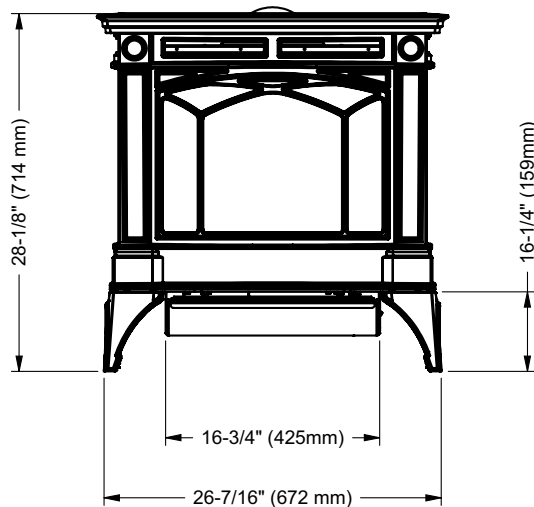
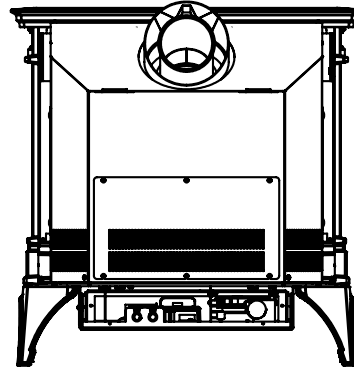
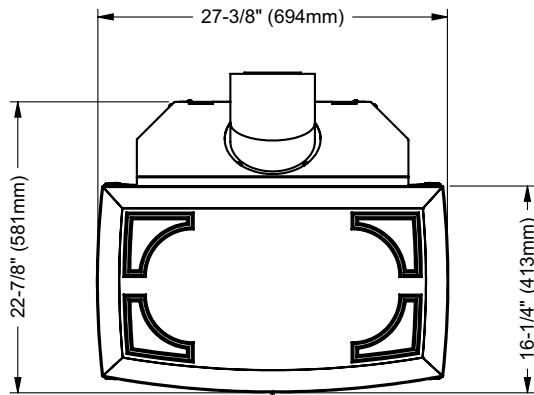
H35 Product Video

UNIT DIMENSIONS WITH VERTICAL VENT COLLAR



4 | dimensions





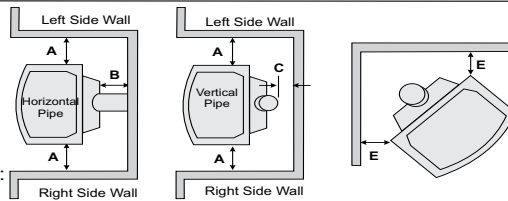
UNIT DIMENSIONS WITH HORIZONTAL VENT COLLAR



6 | safety decal

This is a copy of the label that accompanies each Direct Vent Freestanding Gas Stove. We have printed a copy of the contents here for your review.
NOTE: Hampton® units are constantly being improved. Check the label on the unit and if there is a difference, the label on the unit is the correct one.

COPY OF SAFETY LABEL

DUPLICATE SERIAL NO.		355																								
 Intertek 4001172	Listed: VENTED GAS FIREPLACE HEATER / FOYER AU GAZ À ÉVACUATION Certified for/Certifiée pour: CANADA and U.S.A. Tested to: CAN/CGA-2.17-M91(R2009) Conforms to: ANSI Z21.88-2014 Certified to: CSA 2.33-2014 MAY BE INSTALLED IN MANUFACTURED (MOBILE) HOMES AFTER FIRST SALE	<div style="color: red; text-align: center;">DO NOT REMOVE THIS LABEL / NE PAS ENLEVER CETTE ÉTIQUETTE</div> <div style="text-align: center;">  355 Serial No./ No de serie </div>																								
<div style="color: red; text-align: center;">  Model/Modèle: H35-NG10 </div>	FACTORY EQUIPPED FOR NATURAL GAS Model: H35-NG10 <table style="width: 100%;"> <tr> <td style="width: 33%;">Minimum supply pressure</td> <td style="width: 33%;">5" WC/C.E. (1.25 kPa)</td> <td style="width: 33%;">ÉQUIPÉ A L'UISINE POUR GAZ NATURAL</td> </tr> <tr> <td>Manifold pressure High</td> <td>3.5" WC/C.E. (0.87 kPa)</td> <td>Pression d'alimentation minimum</td> </tr> <tr> <td>Manifold pressure Low</td> <td>1.6" WC/C.E. (0.40 kPa)</td> <td>Pression à la tubulure d'échappement élevée</td> </tr> <tr> <td>Orifice Size</td> <td>#37 DMS</td> <td>Pression à la tubulure d'échappement basse</td> </tr> <tr> <td>Maximum Input</td> <td>30,000 Btu/h (8.78 Kw/h)</td> <td>Dimensions de l'orifice</td> </tr> <tr> <td>Minimum Input</td> <td>21,500 Btu/h (6.30 Kw/h)</td> <td>Débit Calorifique maximum selon</td> </tr> <tr> <td>Altitude</td> <td>0-4500 ft/pi (0-1372m)</td> <td>Débit Calorifique minimum selon</td> </tr> <tr> <td></td> <td></td> <td>L'altitude</td> </tr> </table>		Minimum supply pressure	5" WC/C.E. (1.25 kPa)	ÉQUIPÉ A L'UISINE POUR GAZ NATURAL	Manifold pressure High	3.5" WC/C.E. (0.87 kPa)	Pression d'alimentation minimum	Manifold pressure Low	1.6" WC/C.E. (0.40 kPa)	Pression à la tubulure d'échappement élevée	Orifice Size	#37 DMS	Pression à la tubulure d'échappement basse	Maximum Input	30,000 Btu/h (8.78 Kw/h)	Dimensions de l'orifice	Minimum Input	21,500 Btu/h (6.30 Kw/h)	Débit Calorifique maximum selon	Altitude	0-4500 ft/pi (0-1372m)	Débit Calorifique minimum selon			L'altitude
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<p>Minimum Clearances to Combustibles/Dégagement Minimum De Matériaux Combustibles Minimum ceiling height from top of unit: 36"/914mm Minimum plafond hauteur en haut de l'appareil: 36"/914mm</p> <table style="width: 100%;"> <tr> <td style="width: 50%;">A 6-1/2"/165mm</td> <td style="width: 50%;">C 2" / 50mm</td> </tr> <tr> <td>B 6"/152mm</td> <td>E 2"/50mm</td> </tr> </table> <p>Minimum clearance of Vent Terminal to Outside Corner & Inside Corner: with AstroCap 6"/150mm with Dura-Vent Cap 12"/300mm</p>			A 6-1/2"/165mm	C 2" / 50mm	B 6"/152mm	E 2"/50mm																				
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<p>This appliance must be installed in accordance with local codes, if any; if none, follow the National Fuel Gas Code, ANSI Z223.1, or Natural Gas and Propane Installation Code, CSA B149.1.</p> <p>This appliance must be installed in accordance with the Standard CAN/CSA Z240 MH, Mobile Housing, in Canada, or with the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, in the United States, or when such a standard is not applicable, ANSI/NCS-BCS A225.1/NFPA 501A, Manufactured Home Installations Standard or ANSI A119.2 ou NFPA 501C Standard for Recreational Vehicles</p> <p>This appliance is only for use with the type of gas indicated on the rating plate and may be installed in an aftermarket, permanently located, manufactured (mobile) home where not prohibited by local codes. See owner's manual for details.</p> <p>Installer l'appareil selon les codes ou règlements locaux, ou, en l'absence de tels règlements, selon les codes d'installation ANSI Z223.1, National Fuel Gas Code ou CSA-B149.1 en vigueur.</p> <p>Installer l'appareil selon la norme CAN/CSA-Z240, Série MM, Maison mobiles ou CAN/CSA-Z240 VC, Véhicules de camping, ou la norme 24 CFR Part 3280, Manufactured Home Construction and Safety Standard. Si ces normes ne sont pas pertinentes, utilisez la norme ANSI/NCS-BCS A225.1/NFPA 501A, Manufactured Home Installations Standard, ou ANSI A119.2 ou NFPA 501C Standard for Recreational Vehicles.</p> <p>Cet appareil doit être utilisé uniquement avec le type de gaz indiqué sur la plaque signalétique. Cet appareil peut être installé dans une maison préfabriquée ou mobile (É.-U. seulement) installée à demeure si les règlements locaux le permettent. Voir la notice de l'utilisateur pour plus de renseignements. Cet appareil ne peut pas être utilisé avec d'autres gaz sauf si une trousse de conversion certifiée est fournie.</p> <p>This vented gas fireplace heater is not for use with air filters. Ne pas utiliser de filtre à air avec ce foyer au gaz à évacuation.</p> <p>For use with Fan Kit # 743-917</p> <p>For use with glass doors certified with the appliance only. Pour utilisation uniquement avec les portes en verre certifiées avec l'appareil</p> <p>ELECTRICAL SUPPLY/ALIMENTATION ELECTRIQUE: 115V, 60HZ less than/moins de 2 AMP</p> <p>For Use Only with Barrier (Part # 743-100) Follow installation instructions.</p> <p>Utiliser uniquement avec l'écran (n ° 743-100) Suivre les instructions d'installation.</p> <p>NOT FOR USE WITH SOLID FUELS. / NE PAS UTILISER AVEC DU COMBUSTIBLE SOLIDE</p> <p>FPI Fireplace Products International Ltd. Delta, BC, Canada Made in Canada/Fabrique au Canada 919-487a</p>																										

For the State of Massachusetts, installation and repair must be done by a plumber or gasfitter licensed in the Commonwealth of Massachusetts.

For the State of Massachusetts, flexible connectors shall not exceed 36 inches in length.

For the State of Massachusetts, the appliances individual manual shut-off must be a t-handle type valve.

The State of Massachusetts requires the installation of a carbon monoxide alarm in accordance with NFPA 720 and a CO alarm with battery back up in the same room where the gas appliance is installed.

MA CODE - CO DETECTOR (for the State of Massachusetts only)

5.08: Modifications to NFPA-54, Chapter 10

(2) Revise 10.8.3 by adding the following additional requirements:

(a) For all side wall horizontally vented gas fueled equipment installed in every dwelling, building or structure used in whole or in part for residential purposes, including those owned or operated by the Commonwealth and where the side wall exhaust vent termination is less than seven (7) feet above finished grade in the area of the venting, including but not limited to decks and porches, the following requirements shall be satisfied:

1. **INSTALLATION OF CARBON MONOXIDE DETECTORS.** At the time of installation of the side wall horizontal vented gas fueled equipment, the installing plumber or gasfitter shall observe that a hard wired carbon monoxide detector with an alarm and battery back-up is installed on the floor level where the gas equipment is to be installed. In addition, the installing plumber or gasfitter shall observe that a battery operated or hard wired carbon monoxide detector with an alarm is installed on each additional level of the dwelling, building or structure served by the side wall horizontal vented gas fueled equipment. It shall be the responsibility of the property owner to secure the services of qualified licensed professionals for the installation of hard wired carbon monoxide detectors

a. In the event that the side wall horizontally vented gas fueled equipment is installed in a crawl space or an attic, the hard wired carbon monoxide detector with alarm and battery back-up may be installed on the next adjacent floor level.

b. In the event that the requirements of this subdivision can not be met at the time of completion of installation, the owner shall have a period of thirty (30) days to comply with the above requirements; provided, however, that during said thirty (30) day period, a battery operated carbon monoxide detector with an alarm shall be installed.

2. **APPROVED CARBON MONOXIDE DETECTORS.** Each carbon monoxide detector as required in accordance with the above provisions shall comply with NFPA 720 and be ANSI/UL 2034 listed and IAS certified.

3. **SIGNAGE.** A metal or plastic identification plate shall be permanently mounted to the exterior of the building at a minimum height of eight (8) feet above grade directly in line with the exhaust vent terminal for the horizontally vented gas fueled heating appliance or equipment. The sign shall read, in print size no less than one-half (1/2) inch in size, **"GAS VENT DIRECTLY BELOW. KEEP CLEAR OF ALL OBSTRUCTIONS"**.

4. **INSPECTION.** The state or local gas inspector of the side wall horizontally vented gas fueled equipment shall not approve the installation unless, upon inspection, the inspector observes carbon monoxide detectors and signage installed in accordance with the provisions of 248 CMR 5.08(2)(a)1 through 4.

(b) **EXEMPTIONS:** The following equipment is exempt from 248 CMR 5.08(2)(a)1 through 4:

1. The equipment listed in Chapter 10 entitled "Equipment Not Required To Be Vented" in the most current edition of NFPA 54 as adopted by the Board; and

2. Product Approved side wall horizontally vented gas fueled equipment installed in a room or structure separate from the dwelling, building or structure used in whole or in part for residential purposes.

(c) **MANUFACTURER REQUIREMENTS - GAS EQUIPMENT VENTING SYSTEM PROVIDED.** When the manufacturer of Product Approved side wall horizontally vented gas equipment provides a venting system design or venting system components with the equipment, the instructions provided by the manufacturer for installation of the equipment and the venting system shall include:

1. Detailed instructions for the installation of the venting system design or the venting system components; and

2. A complete parts list for the venting system design or venting system.

(d) **MANUFACTURER REQUIREMENTS - GAS EQUIPMENT VENTING SYSTEM NOT PROVIDED.** When the manufacturer of a Product Approved side wall horizontally vented gas fueled equipment does not provide the parts for venting the flue gases, but identifies "special venting systems", the following requirements shall be satisfied by the manufacturer:

1. The referenced "special venting system" instructions shall be included with the appliance or equipment installation instructions; and

2. The "special venting systems" shall be Product Approved by the Board, and the instructions for that system shall include a parts list and detailed installation instructions.

(e) A copy of all installation instructions for all Product Approved side wall horizontally vented gas fueled equipment, all venting instructions, all parts lists for venting instructions, and/or all venting design instructions shall remain with the appliance or equipment at the completion of the installation.

IMPORTANT MESSAGE SAVE THESE INSTRUCTIONS

The Direct Vent Freestanding Gas Stove must be installed in accordance with these instructions. Carefully read all the instructions in this manual first. Consult the building authority having jurisdiction to determine the need for a permit prior to starting the installation.

Note: Failure to follow the instructions could cause a malfunction of the heater which could result in death, serious bodily injury, and/or property damage. Failure to follow these instructions may also void your fire insurance and/or warranty.

Note: These instructions take precedence over Simpson Dura-Vent instructions.

SPECIFICATIONS

Fuels: H35-NG10 is approved for use with natural gas.

H35-LP10 is approved for use with liquefied petroleum gases (propane).

Electrical: 120V A.C. system.

Circulation Fan: Variable speed, 125/75.

Log Sets: Ceramic fibre, 7 per set.

Vent System: Coaxial (6-5/8" outer / 4" inner liner) rigid flue and termination cap.

The efficiency rating of the appliance is a product thermal efficiency rating determined under continuous operating conditions and was determined independent of any installed system.

INFORMATION FOR MOBILE / MANUFACTURED HOMES AFTER FIRST SALE

This Hampton® product has been tested and listed by ITS Testing Services as a Direct Vent Wall Furnace to the following standards: CGA-10.17-M91, and ANSI Z21.88-2014/CSA 2.33-2014.

This Direct Vent System Appliance must be installed in accordance with the manufacturer's installation instructions and the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, or the current Standard of Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities ANSI/NFPA 501A, and with CAN/CSA Z240-MH Mobile Home Standard in Canada.

This appliance installation must comply with the manufacturer's installation instructions and local codes, if any. In the absence of local codes follow the current National Fuel Gas Code, ANSI Z223.1 and the current National Electrical Code ANSI/NFPA 70 in the U.S.A., and the current CAN/CSA B149.1 Gas Installation Code and the current Canadian Electrical Code CSA C22.1 in Canada.

This Hampton® Mobile/Manufactured Home Listed appliance comes factory equipped with a means to secure the unit.

This Hampton® Mobile/Manufactured Home listed appliance comes equipped with a dedicated #8 ground lug to which an 18 gauge copper wire from the steel chassis ground must be attached.

This appliance may only be installed in an aftermarket permanently located, manufactured (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.

BEFORE YOU START

Safe installation and operation of this appliance requires common sense, however, we are required by the Canadian Safety Standards and ANSI Standards to make you aware of the following:

INSTALLATION AND REPAIR SHOULD BE DONE BY AN AUTHORIZED SERVICE PERSON. THE APPLIANCE SHOULD BE INSPECTED BEFORE USE AND AT LEAST ANNUALLY BY A PROFESSIONAL SERVICE PERSON. MORE FREQUENT CLEANING MAY BE REQUIRED DUE TO EXCESSIVE LINT FROM CARPETING, BEDDING MATERIAL, ETC. IT IS IMPERATIVE THAT CONTROL COMPARTMENTS, BURNERS AND CIRCULATING AIR PASSAGEWAYS OF THE APPLIANCE BE KEPT CLEAN.

DUE TO HIGH TEMPERATURES, THE APPLIANCE SHOULD BE LOCATED OUT OF TRAFFIC AND AWAY FROM FURNITURE AND DRAPERIES.

WARNING: FAILURE TO INSTALL THIS APPLIANCE CORRECTLY WILL VOID YOUR WARRANTY AND MAY CAUSE A SERIOUS HOUSE FIRE.

CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURES, ESPECIALLY THE FIREPLACE GLASS, AND SHOULD STAY AWAY TO AVOID BURNS OR CLOTHING IGNITION.

YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE SAME AREA AS THE APPLIANCE. TODDLERS, YOUNG CHILDREN AND OTHERS MAY BE SUSCEPTIBLE TO ACCIDENTAL CONTACT BURNS. A PHYSICAL BARRIER IS RECOMMENDED IF THERE ARE AT RISK INDIVIDUAL 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.

CLOTHING OR OTHER FLAMMABLE MATERIAL SHOULD NOT BE PLACED ON OR NEAR THE APPLIANCE.

A BARRIER DESIGNED TO REDUCE THE RISK OF BURNS FROM THE HOT VIEWING GLASS IS PROVIDED WITH THIS APPLIANCE AND SHALL BE INSTALLED FOR THE PROTECTION OF CHILDREN AND OTHER AT-RISK INDIVIDUALS

ANY SAFETY SCREEN, GUARD, OR BARRIER REMOVED FOR SERVICING THE APPLIANCE, MUST BE REPLACED PRIOR TO OPERATING THE APPLIANCE.

IF THE BARRIER BECOMES DAMAGED, THE BARRIER SHALL BE REPLACED WITH THE MANUFACTURER'S BARRIER FOR THIS APPLIANCE.



- 1) Provide adequate clearances for servicing, proper operation and around the air openings into the combustion chamber.
- 2) The appliance must be installed on a flat, solid, continuous surface (e.g. wood, metal, concrete). This may be the floor, or it can be raised up on a platform to enhance its visual impact. The appliance may be installed on carpeting, tile, wood flooring or other combustible material, because the appliance's base extends the full width and depth of the appliance. The Direct Vent Freestanding Gas Stove can be installed in a wide variety of ways and will fit nearly any room layout. It may be installed in a recessed position, framed out into the room, or across a corner.
- 3) The Direct Vent Freestanding Gas Stove is approved for alcove installations, which meet the clearances listed in the "Clearance to Combustibles" section. This unit is approved for manufactured home installations, see the "Manufactured Mobile Home Additional Requirements" section and the "Venting Arrangement" section for the required vent arrangements. If installed into a manufactured home the unit must be bolted down to the floor.
- 4) This appliance is Listed for bedroom installations when used with a Listed Millivolt Thermostat. Some areas may have further requirements, check local codes before installation.
- 5) This appliance is Listed for Alcove installations, maintain minimum Alcove clearances as follows, minimum width of 40" (1016mm), a maximum depth of 36" (914mm), and minimum ceiling height of 64" (1626mm) from floor to ceiling.
- 6) We recommend that you plan your installation on paper using exact measurements for clearances and floor protection before actually installing this appliance. Have a qualified building inspector review your plans before installation.

GENERAL SAFETY INFORMATION

- 1) The appliance installation must conform with local Canadian Electrical Code.
- 2) The appliance when installed, must be electrically grounded in accordance with local codes, or in the absence of local codes with the current National Electrical Code, ANSI/NFPA 70 or CSA C22.1 Canadian Electrical Code.
- 3) The appliance should be inspected for shipping damage before use and **served annually by a professional service person**. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, etc. It is imperative that control compartments, and circulating air passageways of the appliance be kept clean and free from excessive lint from carpeting.

Emissions from burning wood or gas could contain chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

- 4) See general construction and assembly instructions. The appliance and vent should be enclosed when installed in or passing through a living area, where children may come in contact with it.
- 5) This appliance must be connected to the specified vent and termination cap to the outside of the building envelope. Never vent to another room or inside a building. Make sure that the vent is fitted as per the instructions starting in the "Exterior Vent Terminal Locations" section.
- 6) Inspect the venting system annually for blockage and any signs of deterioration.
- 7) Venting terminals shall not be recessed into a wall or siding.
- 8) Any safety glass removed for servicing must be replaced prior to operating the appliance.
- 9) To prevent injury, do not allow anyone who is unfamiliar with the operation to use the fireplace.

INSTALLATION CHECKLIST

- 1) Locate your appliance. Refer to the following sections:
 - a. Clearances to combustibles
 - b. Locating Your Gas Stove
 - c. For venting requirements, see "Venting Introduction" to "Venting Arrangements" Section.
- 2) Install Optional Fan. Refer to the "Optional Fan Installation" section.
- 3) Set vent restrictors. Refer to the "Vent Restrictor Position" section.
- 4) Install venting. Refer to the following sections where applicable:
 - a. Check all venting requirements. See "Venting Introduction" to "Venting Arrangements" sections.
 - b. Vertical Termination with Co-linear Flex System
 - c. DV Stove Horizontal Vent Kit
 - d. Dura-Vent Termination Kit.
- 5) Make gas connections. Refer to the "Gas Connection" section

Test the pilot. Must be as per diagram in the "Maintenance Instruction" section.

If converting to Propane, make changes prior see the "Conversion from Natural Gas to Propane" section.

- 6) Install 3 AA batteries into remote transmitter and pair it with the IFC board (See Remote/Receiver Coding Section).
- 7) Test Gas Pressure. Refer to the "Gas Pipe Pressure Testing" section.
- 8) Install standard and optional features. Refer to the following sections where applicable:
 - a. Brick Panels
 - b. Log Set Installation
 - c. Wall Thermostat
 - d. Remote Control
 - e. Accent Light Bulb Installation
 - f. Fan Installation
- 9) Final check. Refer to the "Final Check" section.

Before leaving this unit with the customer, the installer must ensure that the appliance is firing correctly and **operation fully explained to customer**.

This includes:

- 1) Clocking the appliance to ensure the correct firing rate (rate noted on label) after burning appliance for 15 minutes.
- 2) If required, adjusting the primary air to ensure that the flame does not carbon. First allow the unit to burn for 15-100 min. to stabilize.

CAUTION: Any alteration to the product that causes sooting or carboning that results in damage is not the responsibility of the manufacturer.

CLEARANCES TO COMBUSTIBLES

The clearances listed are MINIMUM distances. Measure the clearance to both the appliance and the chimney connector. **The farthest distance is correct if the two clearances do not coincide.**

For example, if the appliance is set as indicated in one of the figures but the connector is too close, move the stove until the correct clearance to the connector is obtained.

This appliance may be installed only with the clearances as shown in the situations pictured. **Do not combine clearances from one type of installation with another in order to achieve closer clearances.**

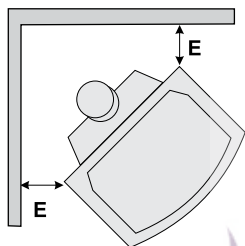
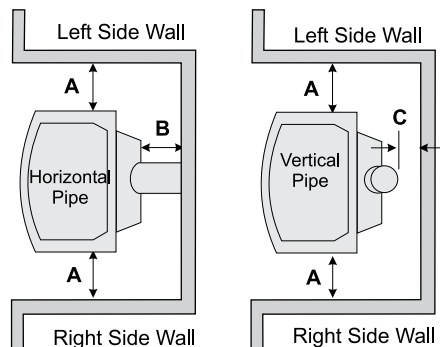
This unit can be installed on a solid combustible surface like a wood floor. This unit can also be installed directly on carpeting or vinyl.

Use the minimum clearances shown in the diagrams below:

H35-NG 10 & H35-LP 10 Clearances

A Side Wall to Unit	6-1/2" / 165 mm
B Back Wall to Unit (when rear vented)	6" / 152 mm
C Vertical Vent Pipe to Back Wall	2" / 50 mm
E Unit Corner to Wall	2" / 50 mm
Unit Top to Alcove Ceiling	36" / 914 mm

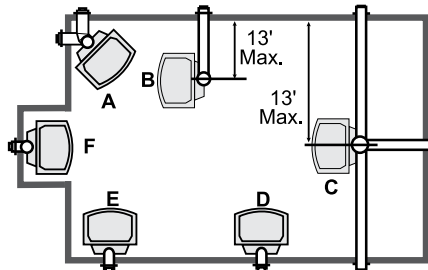
Minimum ceiling height is 36" / 914 mm from top of unit.



LOCATING YOUR GAS STOVE

When selecting a location for your stove, ensure that the clearances listed above are met as well as ensuring that there is adequate accessibility for servicing and proper operation.

A) Cross Corner



- B) Room Divider
- C) Island
- D) Flat on Wall
- E) Flat on Wall Corner
- F) Flush with Wall/Alcove

For Vent Termination requirements, see the "Exterior Vent Terminal Locations" section.

MANUFACTURED MOBILE HOME ADDITIONAL REQUIREMENTS

- 1) Ensure that structural members are not cut or weakened during installation.
- 2) Ensure proper grounding using the #8 ground lug provided.
- 3) Appliance must be anchored to the floor with the supplied anchoring methods.

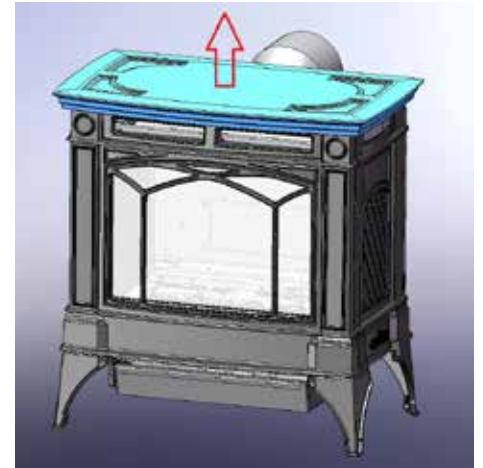
COMBUSTION AND VENTILATION AIR

The combustion air from this appliance is drawn from outside the building through the outer flue. **Extra provision for combustion air inside the room is not required.**

ACCENT LIGHT BULB INSTALL

Accent light bulb is packed in the manual pack.

1. Lift off cast top and place on a soft surface.



2. Loosen bolts securing cast front-slide light assembly bracket upward to release.
3. Remove two (2) screw to remove bulb housing.



Lift light assy bracket off bolts to install bulb

Remove two screws in locations shown

4. Install bulb.

Note: Oils from hands will shorten the life of the bulbs, do not handle bulbs with bare hands.

5. Reverse steps to reinstall.

OPTIONAL FAN INSTALLATION

NOTE:

- 120 Volt AC power is needed for the fan switch and blower.
- Unit must be grounded at all times.
- Do not cut the ground terminal off under any circumstances.

Fan Installation Kit Includes:

- 1- Fan Assembly c/w green ground wire attached
- 1- Fan Grey Cable attached to the Fan Assembly
- 1- Small Plastic Grommet
- 1- Big Plastic grommet

1. Shut off gas and electrical supply.
2. Remove the rear access panel on the back of the unit by removing 3 top screws and loosening the bottom 3 screws.



NOTE: DO NOT damage, cut or remove the 3" aluminum air intake pipes.

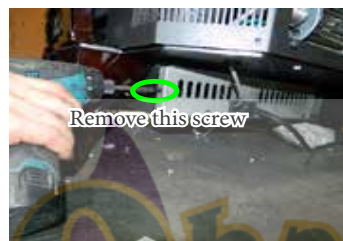
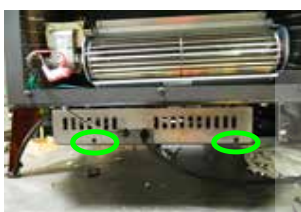
3. Install fan onto the 2 pins on the base panel. Fan Grey cable is already attached to the fan assembly.



4. Connect the green wire to the grounding lug.



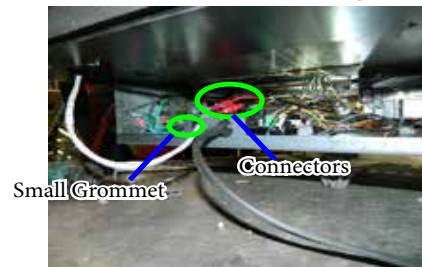
5. Open the bottom cover of the unit by loosening the 2 screws and removing one from the left side of the unit (when facing back of the unit).



6. Run the Fan Grey wire through the large grommet on the base panel to the bottom of the unit.



7. Run the fan grey wire through the small grommet power cord from the valve cover plate to the base panel through the large grommet.



8. Attach the connectors (black and red) of Fan Grey wire to the IFC connectors (black and red).

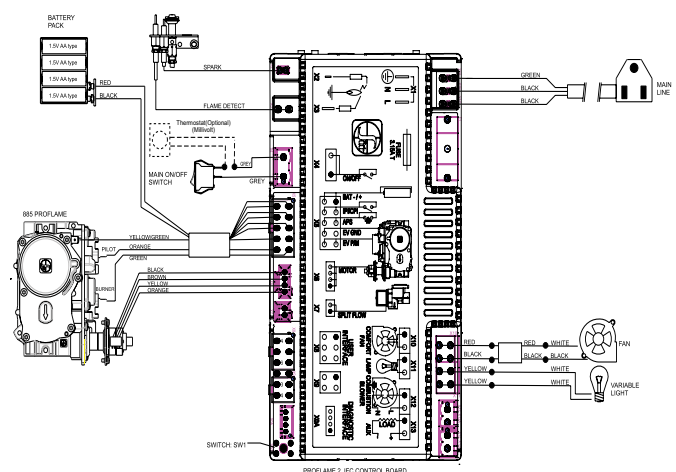
NOTE: Do remember to follow the wire color code, i.e., black to black and red to red). Refer to the picture above.

9. Reinstall the bottom cover of the unit with 1 screw at the left side of the unit (when facing back of the unit) and tightening the 2 screws at the back.

10. Reattach the rear panel cover with 3 screws at the top of the cover and tightening the 3 at the bottom of the panel.

11. Reconnect gas and power supply.

12. To remove fan-reverse steps.



WARNING: Electrical Grounding Instructions

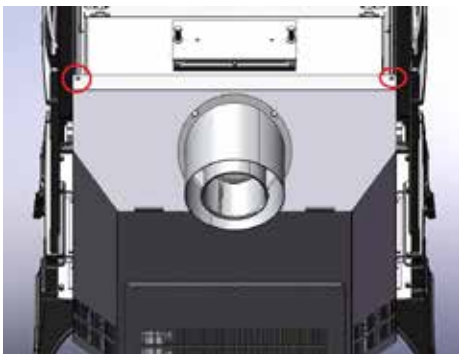
This appliance is equipped with a three pronged (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.

ROTATING 45° ELBOW FOR STRAIGHT HORIZONTAL TERMINATIONS

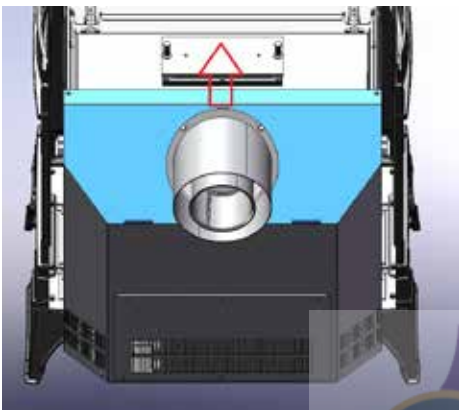
1) Remove the cast top.



2) Unscrew upper rear panel mounting screws using Phillips head screw driver.



3) Remove upper panel.



4) Remove all the 4 screws that secure elbow to unit using a 1/4" magnetic nut driver.

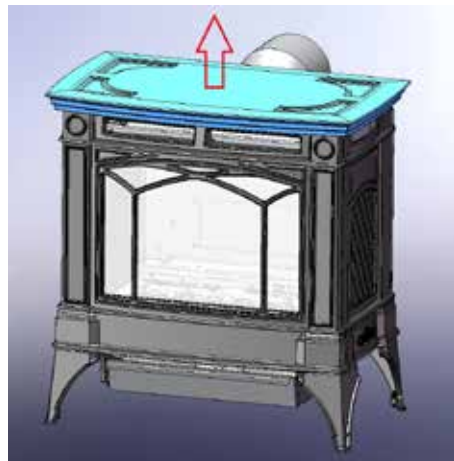
5) Rotate elbow 180°.

6) Secure the elbow with 4 screws.

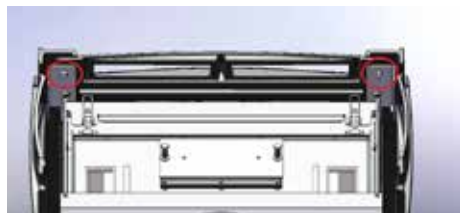
7) Reverse steps 6-1 to reinstall the upper rear panel.

SCREEN REMOVAL

1) Remove the cast top.

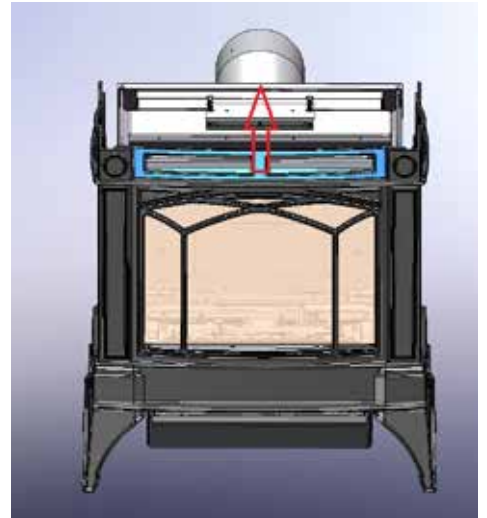


2) Undo the top cast grill mounting bolts using 7/16" or 11mm socket.

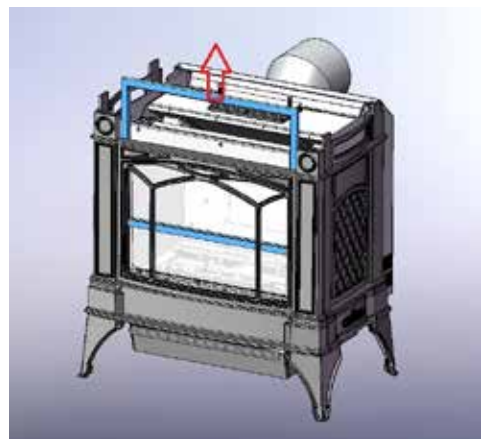


3) Remove light assembly and carefully set aside.

4) Remove top cast grill.

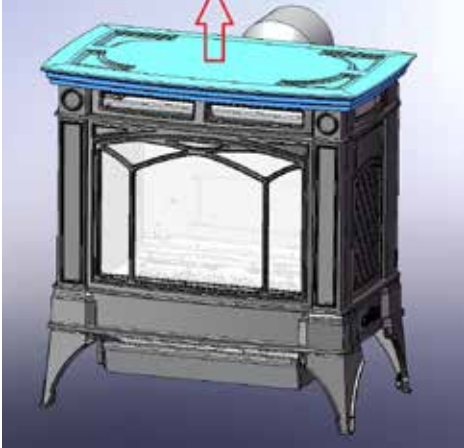


5) Remove the safety screen.

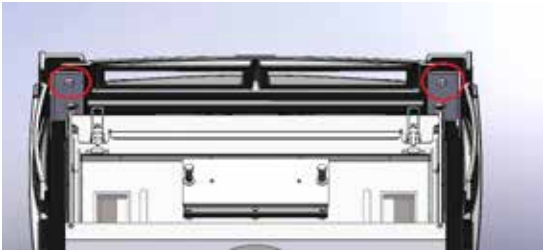


FRONT CAST REMOVAL

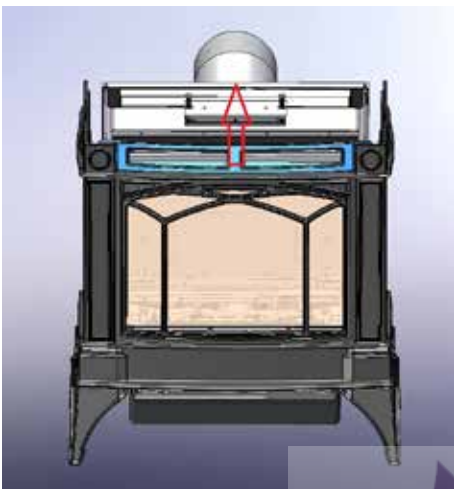
1) Remove the cast top from the unit.



2) Remove top cast grill mounting bolts using 7/16" or 11mm socket.



3) Remove top cast grill by pulling it up.

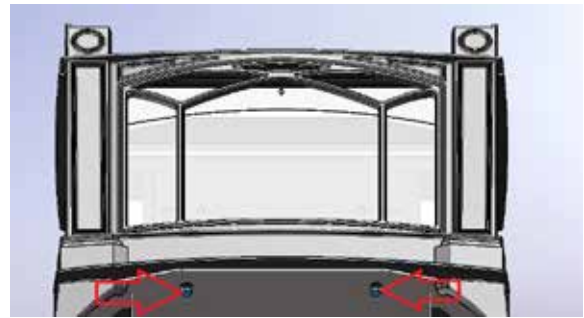


4) Remove light assembly and carefully set aside.

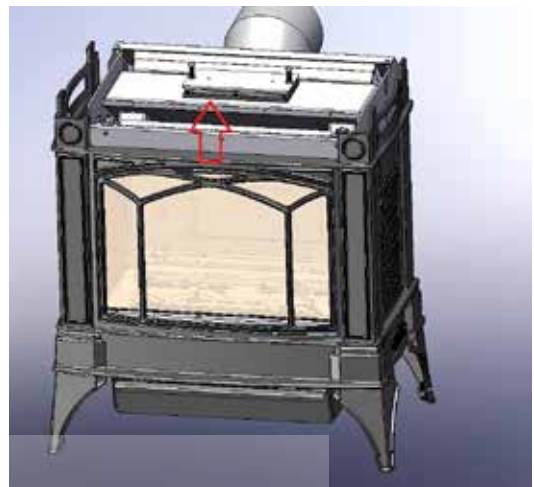
5) Loosen front casting mounting bolts using a 7/16" or 11 mm socket.



6) Open the valve access door and loosen the bottom front casting bolts using the same tool.



7) Slide the casting out of the base plate and the side bracket key hole slots and lift the front casting off the unit.



INSTALLATION PRECAUTIONS

These venting systems are engineered products that have been designed and tested for use with the H35-NG10, and H35-LP10. The warranty will be voided and serious fire, health or other safety hazards may result from any of the following actions:

- 1) Installation of any damaged Direct Vent component
- 2) Unauthorized modification of the Direct Vent System
- 3) Installation of any component part not approved by FPI - Fireplace Products International Ltd.
- 4) Installation other than as instructed by the approved rigid pipe manufacturers and FPI Fireplace Products International Ltd.

Warning: Always maintain required clearances (air spaces) to nearby combustibles to prevent a fire hazard. Do not fill air spaces with insulation.

Be sure to check the vent termination clearance requirements from decks, windows, soffits, gas regulators, air supply inlets and public walkways as specified in the "Exterior Vent Terminal Locations" section and in your local building codes.

The gas appliance and vent system must be vented directly to the outside of the building, and never be attached to a chimney serving a separate solid fuel or gas-burning appliance. Each direct vent gas appliance must use its own separate vent system. Common vent systems are prohibited.

SAFETY PRECAUTIONS FOR THE INSTALLER

- 1) Wear gloves and safety glasses for protection.
- 2) Exercise extreme caution when using ladders or on roof tops.
- 3) Be aware of electrical wiring locations in walls and ceilings.

VENTING INTRODUCTION

The Horizontal Termination Kit and the rigid pipe venting systems, in combination with the Direct Vent Freestanding Gas Stoves, H35-NG10 and H35-LP10, have been tested and listed as direct vent heater systems by Warnock Hersey.

These units use the "balanced flue" technology Co-Axial system. The inner liner vents products of combustion to the outside while the outer pipe draws outside combustion air into the combustion chamber thereby eliminating the need to use heated room air for combustion and losing warm room air up the chimney.

Note: These flue pipes must not be connected to any other appliance.

The gas appliance and vent system must be vented directly to the outside of the building, and never be attached to a chimney serving a separate solid fuel or gas burning appliance. Each direct vent gas appliance must use its own separate vent system. Common vent systems are prohibited.

IMPORTANT

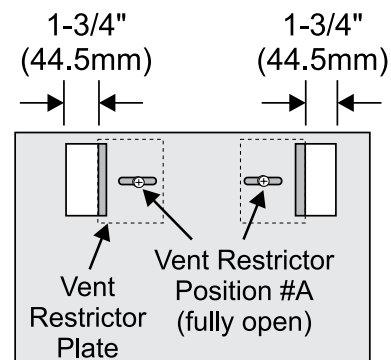
Read all instructions carefully before starting the installation. Failure to follow these instructions may create a fire or other safety hazard, and will void the warranty. Be sure to check the venting and clearance to combustible requirements. Consult your local building codes before beginning installation.

The location of the termination cap must conform to the requirements in the "Exterior Vent Terminal Locations" section.

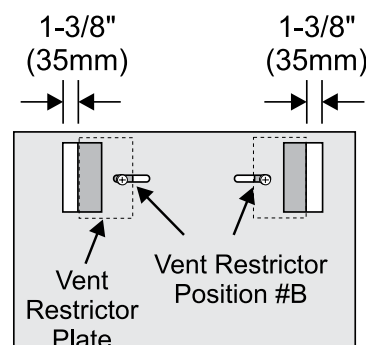
VENT RESTRICTOR POSITION

Vent restriction is required for certain venting installations, see the diagrams in "Venting Arrangement" section to determine if they are required for your installation.

To set the Vent restriction as indicated in the diagrams in the "Venting Arrangement" section, simply loosen the screws and push the vent restrictor plate to the correct position. Tighten the screws.

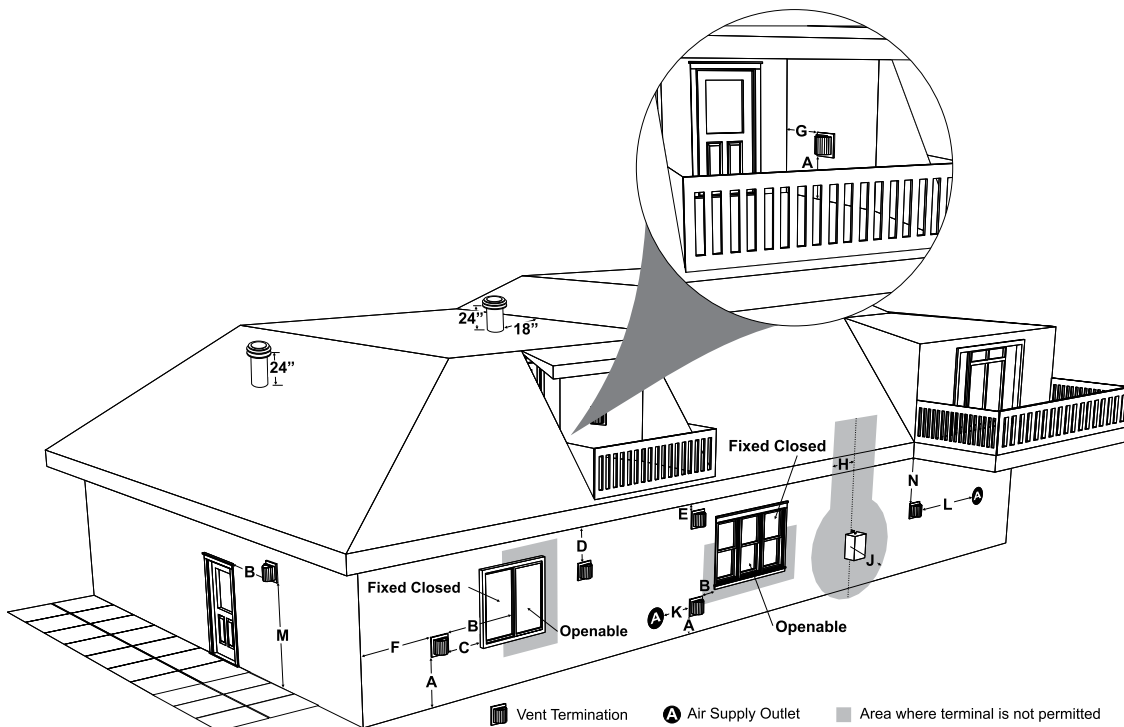


Horizontal Termination: Position "A"



Vertical Termination: Position "B"

EXTERIOR VENT TERMINAL LOCATIONS



	Minimum Clearance Requirements	Canada ¹	USA ²
A	Clearance above grade, veranda, porch, deck, or balcony	12"(30cm)	12"(30cm)
B	Clearance to window or door that may be opened	12"(30cm)	9" (23cm)
C	Clearance to permanently closed window	*	*
D	Vertical clearance to ventilated soffit located above the terminal within a horizontal distance of 2 feet (61cm) from the center line of the terminal (check with the local code)	22"(56cm)	22"(56cm)
E	Clearance to unventilated soffit	12"(30cm)	12"(30cm)
F	Clearance to outside corner: with AstroCap and Vent Riser Termination Caps	6"(15cm)	6"(15cm)
	Clearance to outside corner: with all other approved Termination Caps	12"(30cm)	12"(30cm)
G	Clearance to inside corner: with AstroCap and Vent Riser Termination Caps	6"(15cm)	6"(15cm)
	Clearance to inside corner: with all other approved Termination Caps	12"(30cm)	12"(30cm)
H	Clearance to each side of center line extended above meter/regulator assembly	36"(90cm) ^a	*
J	Clearance to service regulator vent outlet	36"(90cm)	*
K	Clearance to non-mechanical air supply inlet to building or the combustion air inlet to any other appliance	12"(30cm)	9" (23cm)
L	Clearance to a mechanical air supply inlet #3' (91cm) above if within 10' (3m) horizontally.	72"(1.8m)	36"(90cm) ^b
M	Clearance above paved sidewalk or a paved driveway located on public property	84"(2.1m) [†]	*
N	Clearance under veranda, porch, deck, or balcony	12"(30cm) [‡]	*

¹ In accordance with current CSA B149.1, *Natural Gas and Propane Installation Code*

² In accordance with the current ANSI Z223.1/NFPA 54, *National Fuel Gas Code*

[†] A vent shall not terminate directly above a sidewalk or paved driveway which is located between two single family dwellings and serves both dwellings.

[‡] Permitted only if veranda, porch, deck, or balcony is fully open on a minimum of two sides beneath the floor

* Clearance in accordance with local installation codes and the requirements of the gas supplier

^a 3 feet (91cm) within a height of 15 feet (4.5m) above the meter / regulator assembly

^b 3 feet (91cm) above - if within 10 feet (3m) horizontally

4" X 6-5/8" RIGID PIPE**CROSS REFERENCE CHART ONLY**

Components from different Manufacturers may not be mixed. Not All Rigid Pipe components are available directly from FPI.

Description	Simpson Direct Vent Pro®	Selkirk Direct Temp™	American Metal Products® Amerivent Direct	Metal-Fab™ Sure Seal	Security Secure-Vent®	ICC Excel Direct
6" Pipe Length-Galvanized	46DVA-06	4DT-6	N/A	4D6	SV4L6	TC-4DL6
6" Pipe Length-Black	46DVA-06B	4DT-6B	N/A	4D6B	SV4LB6	TC-4DL6B
7" Pipe Length-Galvanized	N/A	N/A	4D7	N/A	N/A	N/A
7" Pipe Length-Black	N/A	N/A	4D7B	N/A	N/A	N/A
9" Pipe Length-Galvanized	46DVA-09	4DT-9	N/A	N/A	N/A	N/A
9" Pipe Length-Black	46DVA-09B	4DT-9B	N/A	N/A	N/A	N/A
12" Pipe Length-Galvanized	46DVA-12	4DT-12	4D12	4D12	SV4L12	TC-4DL1
12" Pipe Length-Black	46DVA-12B	4DT-12B	4D12B	4D12B	SV4LB12	TC-4DL1B
18" Pipe Length-Galvanized	46DVA-18	4DT-18	4D18	4D18	SV4LA	TC-4DL18
18" Pipe Length-Black	46DVA-18B	4DT-18B	4D18B	4D18B	SV4LA	TC-4DL18B
24" Pipe Length-Galvanized	46DVA-24	4DT-24	4D24	4D24	SV4L24	TC-4DL2
24" Pipe Length-Black	46DVA-24B	4DT-24B	4D24B	4D24B	SV4LB24	TC-4DL2B
36" Pipe Length-Galvanized	46DVA-36	4DT-36	4D36	4D36	SV4L36	TC-4DL3
36" Pipe Length-Black	46DVA-36B	4DT-36B	4D36B	4D36B	SV4LB36	TC-4DL3B
48" Pipe Length-Galvanized	46DVA-48	4DT-48	4D48	4D48	SV4L48	TC-4DL4
48" Pipe Length-Black	46DVA-48B	4DT-48B	4D48B	4D48B	SV4LB48	TC-4DL4B
60" Pipe Length-Galvanized	46DVA-60	4DT-60	N/A	N/A	N/A	N/A
60" Pipe Length-Black	46DVA-60B	4DT-60B	N/A	N/A	N/A	N/A
Adjustable Length 3"-10"-Galvanized	N/A	N/A	N/A	4DAL	N/A	TC-4DLT
Adjustable Length 3"-10"-Black	N/A	N/A	N/A	4DALB	N/A	TC-4DLTB
Adjustable Length 7"-Galvanized	N/A	N/A	4D7A	N/A	N/A	N/A
Adjustable Length 7"-Black	N/A	N/A	4D7AB	N/A	N/A	N/A
Extension Pipe 8-1/2"-Galvanized	46DVA-08A	N/A	N/A	N/A	N/A	N/A
Extension Pipe 8-1/2"-Black	46DVA-08AB	N/A	N/A	N/A	N/A	N/A
Adjustable Length 12"-Galvanized	N/A	N/A	4D12A	N/A	SV4LA12	N/A
Adjustable Length 12"-Black	N/A	N/A	4D12A	N/A	SV4LBA12	N/A
Extension Pipe 16"-Galvanized	46DVA-16A	N/A	N/A	N/A	N/A	N/A
Extension Pipe 16"-Black	46DVA-16AB	N/A	N/A	N/A	N/A	N/A
45° Elbow-Galvanized	46DVA-E45	4DT-EL45	4D45L	N/A	N/A	TE-4DE45
45° Elbow-Black	46DVA-E45B	4DT-EL45B	4DT-EL45B	N/A	N/A	TE-4DE45B
45° Elbow Swivel-Galvanized	See 46DVA-E45	N/A	N/A	4D45L	SV4E45	N/A
45° Elbow Swivel-Black	See 46DVA-E45B	N/A	N/A	4D45LB	SV4EB45	N/A
90° Elbow-Galvanized	46DVA-E90	4DT-EL90S	4DT-EL90S	N/A	N/A	TE-4DE90
90° Elbow-Black	46DVA-E90B	4DT-EL90SB	4DT-EL90SB	N/A	SV4EBR90-1	TE-4DE90B
90° Elbow, Swivel-Galvanized	See 46DVA-E90	N/A	N/A	4D90L	SV4E90-1	N/A
90° Elbow, Swivel-Black	See 46DVA-E90B	N/A	N/A	4D90LB	SV4EB90-1	N/A
90° Starter Elbow, Swivel-Galvanized	N/A	N/A	N/A	4D90A	N/A	N/A
Adaptor*	N/A	N/A	N/A	4D90L	N/A	N/A
Ceiling Support	N/A	4DT-CS	4DFSP	4DSP	SV4SD	TE-4DE45
Cathedral Support Box	46DVA-CS	4DT-CSS	4DRSB	4DRS	SV4CSB	TE-4DE45B
Wall Support/Band	46DVA-WS	4DT-WS/B	4DWS	4DWS	SV4BM	N/A
Offset Support	46DVA-ES (N/A - FPI)	4DT-OS	N/A	N/A	SV4SU	N/A
Wall Thimble-Black	46DVA-WT	4DT-WT	4DWT	4DWT	SV4RSM	TE-4DE90
Wall Thimble Support/Ceiling Support	46DVA-DC	N/A	N/A	N/A	SV4PF	TE-4DE90B
Firestop Spacer	46DVA-FS	4DT-FS	4DFSP	4DFS	SV4BF	N/A
Trim Plate-Black	N/A	4DT-TP	4DFPB	4DCP	SV4LA	N/A

Description	Simpson Direct Vent Pro®	Selkirk Direct Temp™	American Metal Products® Amerivent Direct	Metal-Fab™ Sure Seal	Security Secure- Vent®	ICC Excel Direct
Attic Insulation Shield 12"	46DVA-IS N/A @ FPI	N/A	4DAIS12	N/A	SV4RSA	N/A
Attic Insulation Shield - Cold Climates 36"	N/A	N/A	4DAIS12	N/A	N/A	TM-4AS

Basic Horizontal Termination Kit (A)	Disc.	4DT-HKA	4DHTK2	4DHTKA	SV-SHK	N/A
Horizontal Termination Kit (B)	46DVA-KHA (Changed Components)	4DT-HKB	4DHTK1	4DHTKB	SV-HK	N/A
Vertical Termination Kit	Disc.	4DT-VKC	4DHTK	4DHTK	SV-FK	N/A

High Wind Vertical Cap	46DVA-VCH	N/A	N/A	N/A	N/A	TM-4VT
High Wind Horizontal Cap	46DVA-HC	N/A	N/A	N/A	N/A	TM-4DHT
Horizontal Square Termination Cap	See 46DVA-HC	4DT-HHC	4DHC	4DHT	SV4CHC-1	TM-4HT
Vertical Termination Cap	46DVA-VC	4DT-HVC	4DVC	4DVT	SV4CGV-1	TM-4VT
Storm Collar	46DVA-08A	4DT-SC	4DSC	4DSC	SV4FC	TM-SC

Adjustable Flashing 0/12-6/12	N/A	4DT-ST14	4D12S	4DST14	SV4STC14	TF-4FA
Adjustable Flashing 6/12-12/12	N/A	4DT-ST36	4D36S	4DST36	SV4STC36	TF-4FB

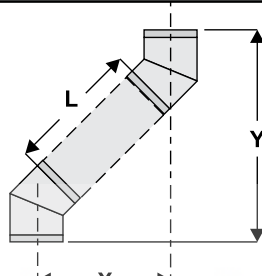
Vinyl Siding Standoff	46DVA-VSS	4DT-VS	N/A	4DVS	SV4VS	TM-VSS
Vinyl Siding Shield Plate	N/A	4DT-VSP	N/A	N/A	SV4VS	N/A

Snorkel Termination 14"	46DVA-VCH	N/A	N/A	N/A	N/A	TM-4ST14
Snorkel Termination 36"	46DVA-HC	N/A	N/A	N/A	N/A	TM-4ST36

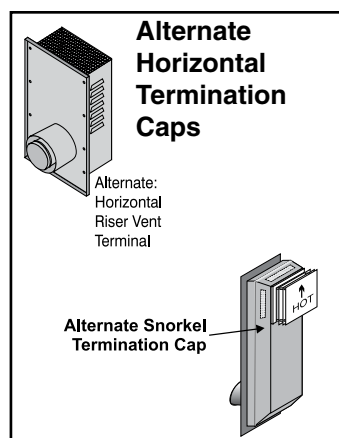
Restrictor Disk	46DVA-RD	N/A	N/A	N/A	N/A	TM-4DS
Extended Vertical Termination Cap	46DVA-VCE	N/A	N/A	N/A	N/A	N/A
Chimney Conversion Kit A (USA only)	46DVA-KCA	N/A	N/A	N/A	N/A	TM-4CA6
Chimney Conversion Kit B (USA only)	46DVA-KCB	N/A	N/A	N/A	N/A	TM-4CA7
Chimney Conversion Kit C (USA only)	46DVA-KCC	N/A	N/A	N/A	N/A	TM-4CA8
Chimney Conversion Kit Masonry (USA only)	46DVA-KMC	N/A	N/A	N/A	N/A	N/A
Wall Firestop	46DVA-WFS	N/A	N/A	N/A	N/A	TM-4TR
Colinear Flex Connectors	46DVA-ADF	N/A	N/A	N/A	N/A	N/A

FPI			
946-506/P	Vent Guard (Optional) for AstroCap	946-1005	Vinyl Siding Shield for Riser Vent Terminal
640-530/P	Riser Vent Terminal	946-1008/P	Vent Guard (Optional) for Riser Vent Terminal
946-1006	Vinyl Siding Standoff for AstroCap		
946-523/P	AstroCap Horizontal Cap		

Note: When using Metal-Fab Sure Seal Rigid Piping - please note that the Adaptor (4DDA) must be used in conjunction with FPI Rigid Pipe Adaptor.

Offset Pipe Selection: Use this table to determine offset pipe lengths.			
Pipe Length (L)	4" x 6-5/8" Venting		
	Run (X)	Rise (Y)	
0" (0mm)	4-7/8" (124mm)	13-7/8" (340mm)	
6" (152mm)	8" (203mm)	16-1/2" (419mm)	
9" (229mm)	10-1/8" (257mm)	18-5/8" (473mm)	
12" (305mm)	12-1/4" (311mm)	20-3/4" (527mm)	
24" (610mm)	20-5/8" (524mm)	29-1/8" (740mm)	
36" (914mm)	29" (737mm)	37-1/2" (953mm)	
48" (1219mm)	37-7/16" (951mm)	45-15/16" (1167mm)	
			<p>For specific instructions on venting components - visit the manufacturers website listed below.</p> <p>Simpson Direct Vent Pro: www.duravent.com</p> <p>Selkirk Direct-Temp: www.selkirkcorp.com</p> <p>American Metal Products: www.americanmetalproducts.com</p> <p>Metal-Fab Sure Seal: www.mtlfab.com</p> <p>Security Secure Vent: www.securitychimneys.com</p> <p>Industrial Chimney Company: www.icc-rsf.com</p>

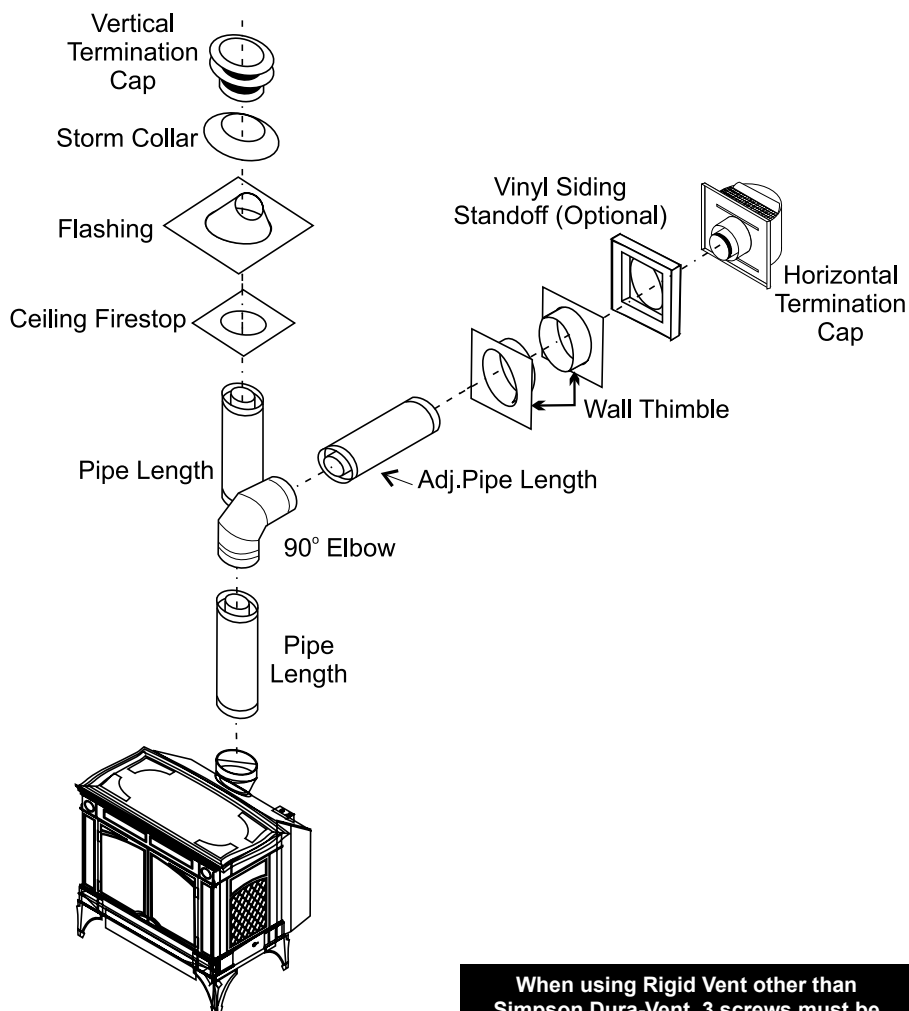
Note: Horizontal runs of vent must be level, or have a 1/4" rise for every 1 foot of run towards the termination.
Never allow the vent to run downward - this could cause high temperatures and may present a possible fire hazard.

RIGID PIPE VENTING SYSTEMS**Horizontal or Vertical Terminations****WARNING:**

Do not combine venting components from different venting systems.

However use of the the AstroCap™ and FPI Riser is acceptable with all systems.

This product has been evaluated by Intertek for use with Duravent Direct-Vent Pro, Selkirk Direct-Temp, Ameri Vent Direct venting and Security Secure Vent systems.



When using Rigid Vent other than Simpson Dura-Vent, 3 screws must be used to secure rigid pipe to adaptor.

The FPI AstroCap™ and FPI Riser Vent terminal are certified for installations using FPI venting systems as well as Simpson Dura-Vent® Direct Vent Pro, American Metal Products Ameri Vent Direct Vent, Security Secure Vent®, Selkirk Direct-Temp. AstroCap™ is a proprietary trademark of FPI Fireplace Products International Ltd. Dura-Vent® and Direct Vent Pro are registered and/or proprietary trademarks of Simpson Dura-Vent Co. Inc.



VENTING ARRANGEMENTS

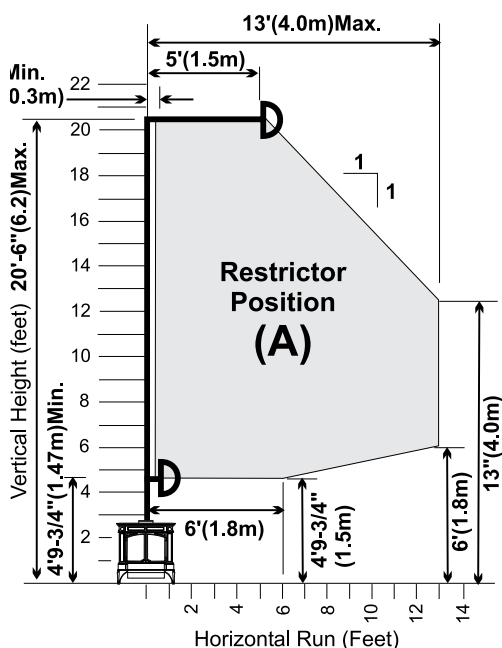
Horizontal Terminations for All Venting Systems

The shaded areas in the diagram below show all allowable combinations of vertical runs with horizontal terminations. Maximum one 90° elbow (two 45° elbows equal one 90° elbow). All approved caps listed on page 12 - may be used.

Propane and Natural Gas: Residential, Manufactured and Mobile Homes Installations

The venting arrangements diagrammed below, have a min. of 75% (flue loss) efficiency with Fan Off, as required for manufactured homes. (Actual efficiency may be as high as 85%)

May be installed in Manufactured (Mobile) Homes after first sale.



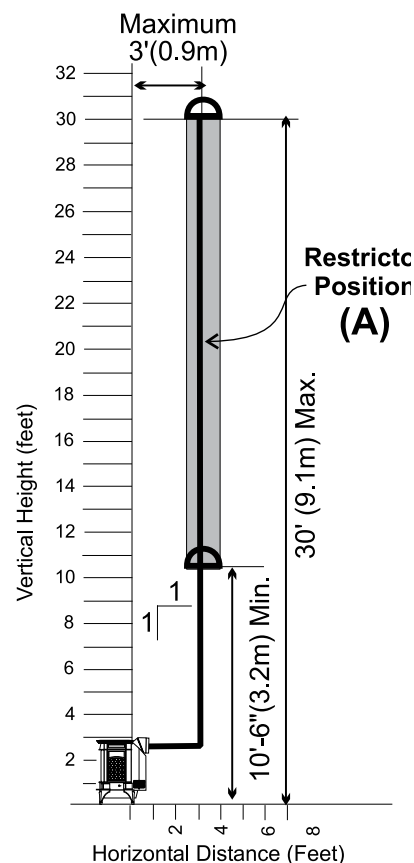
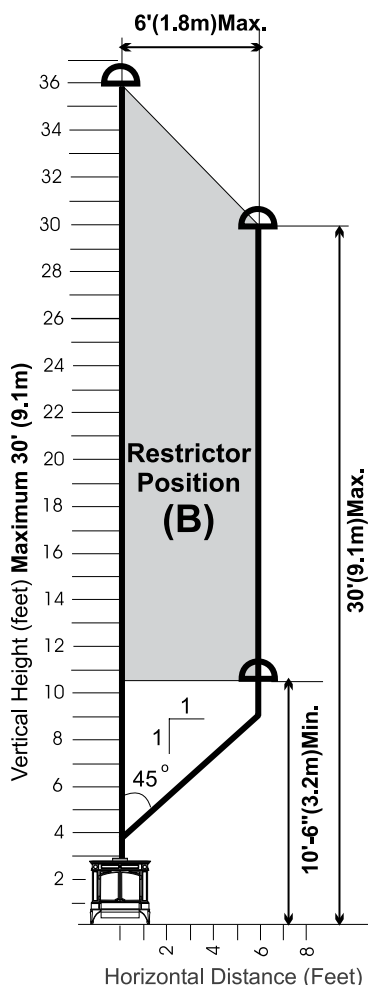
NOTE: See "Vent Restrictor Position" section for installation instructions for the Vent Restrictor Position.

Vertical Terminations Systems for Residential Manufactured and Mobile Homes

The shaded area in the diagram below shows all allowable combinations of straight vertical and offset to vertical runs with vertical terminations. Maximum two 45° elbows.

If the vent is ENCLOSED in a chase (min. size 9" x 9") maintain a 1-1/4" clearance to combustibles.
May be installed in Manufactured (Mobile) Homes after first sale.

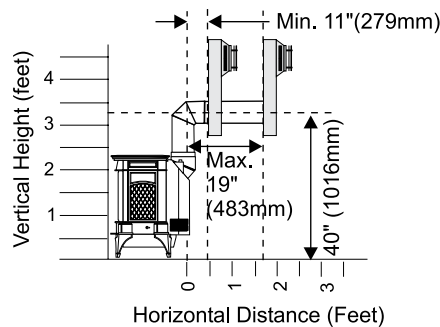
Offset to Vertical Terminations



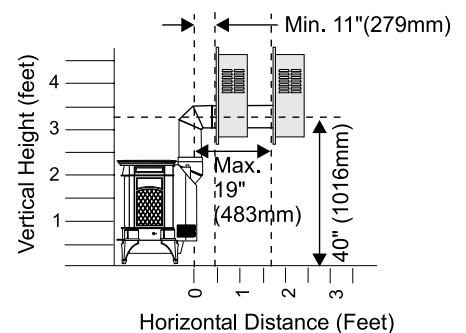
VENTING ARRANGEMENTS

HORIZONTAL TERMINATIONS USING RIGID PIPE

The two diagrams show all allowable combinations of straight horizontal termination using Rigid Pipe. Restrictor position "A". Only a snorkel or FPI Riser vent may be used as shown. No other termination cap is permitted.



Snorkel Termination



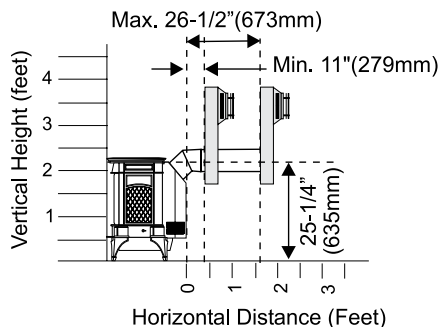
Riser Vent Termination

Venting Arrangements -Straight Horizontal Termination

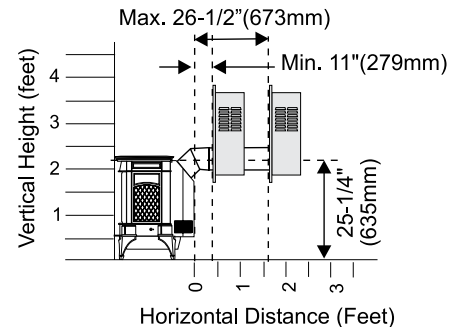
The diagrams show all allowable combinations of straight horizontal termination using Rigid Pipe. Restrictor position "A".

Only a snorkel or FPI Riser vent may be used as shown in the noted diagrams. No other termination cap is permitted.

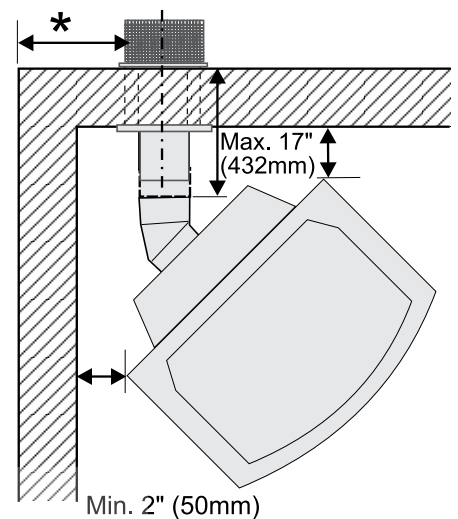
Dangerous operating conditions will occur if these instructions are not adhered to.



Snorkel Termination



Riser Vent Termination

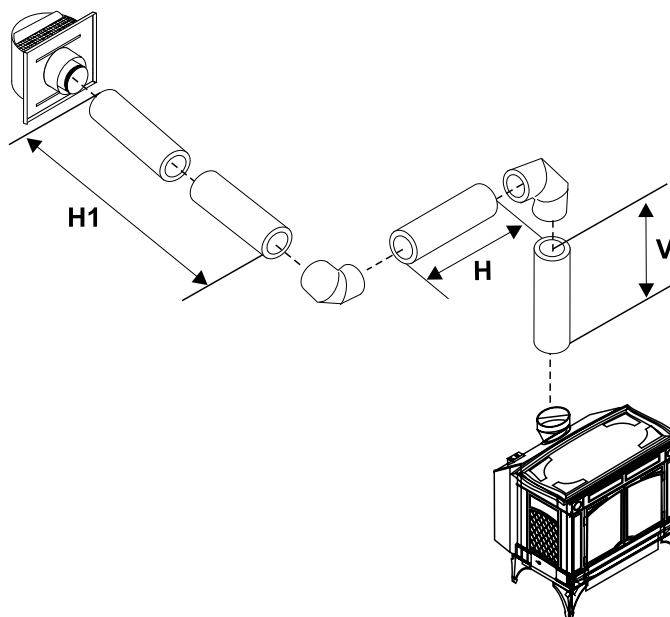


*If this is an outside corner, the minimum distance between the vent and the outside corner is 6" (15cm). See "F" on the diagram in the "Exterior Vent Terminal Locations" section.

Horizontal Venting with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

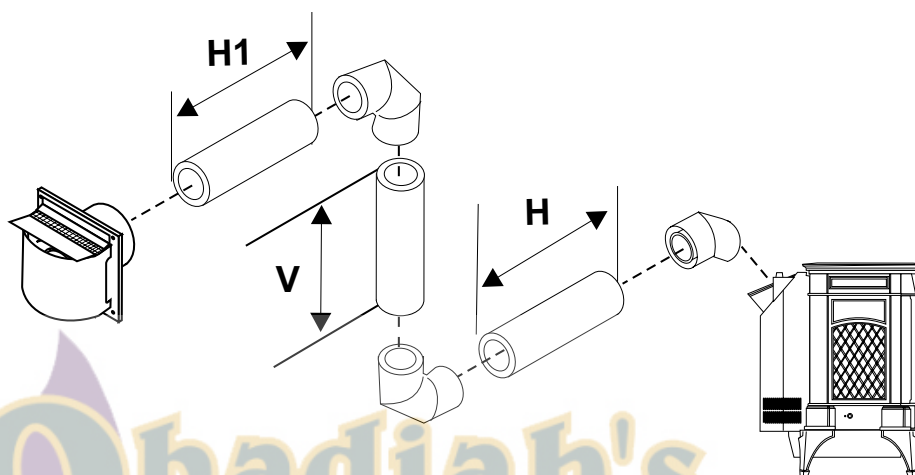
Option	V	H + H1	With these options, maximum total pipe length is 30 feet with minimum of 8 feet total vertical and maximum 8 feet total horizontal. <i>Please note minimum 1 foot between 90° elbows is required.</i>
A)	3' Min.	2' Max.	
B)	4' Min.	3' Max.	
C)	5' Min.	4' Max.	
D)	6' Min.	5' Max.	
E)	7' Min.	6' Max.	
F)	8' Min.	8' Max	
Lengths do not include elbow indicated			
Vent restrictor position A (fully open), refer to the "Vent Restrictor Position" section.			



Horizontal Venting with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

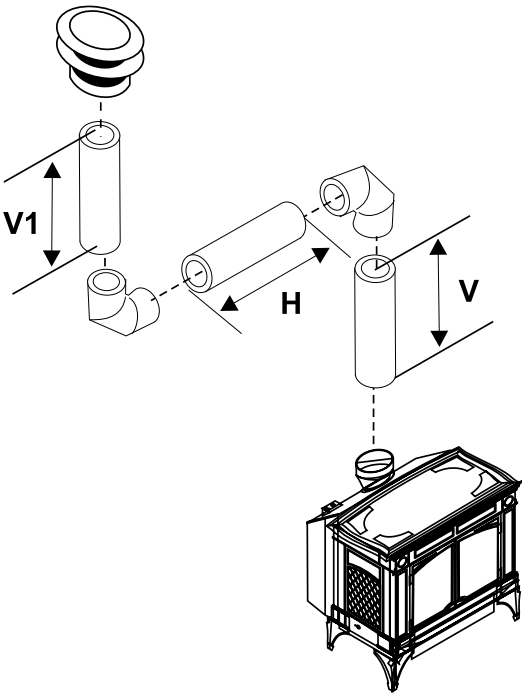
Option	H	V	H + H1	With these options, max. total pipe length is 30 feet with min. of 9 feet total vertical and max. 8 feet total horizontal. <i>Please note min. 1 foot between 90° elbows is required.</i>
A)	1' Max.	2' Min.	3' Max.	
B)	2' Max.	3' Min.	5' Max.	
C)	3' Max.	5' Min.	6' Max.	
D)	4' Max.	7' Min.	7' Max.	
E)	5' Max.	9' Min.	8' Max.	
Lengths do not include elbow indicated				
Vent restrictor position A (fully open), refer to the "Vent Restrictor Position" section.				



Vertical Venting with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

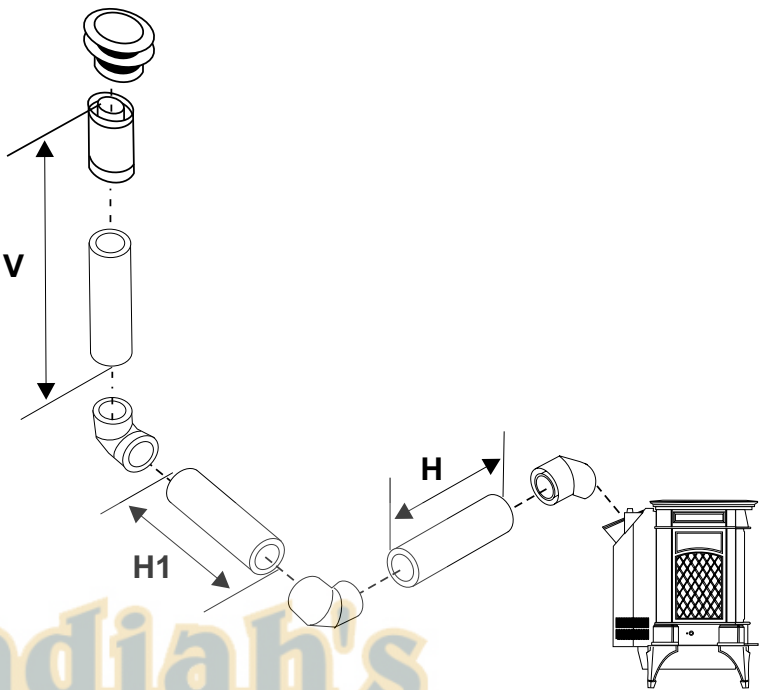
Option	V	H	V + V1	With these options, max. total pipe length is 30 feet with min. of 6 feet total vertical and max. 7 feet total horizontal. <i>Please note min. 1 foot between 90° elbows is required.</i>
A)	1' Min.	3' Max.	2' Min.	
B)	2' Min.	4' Max.	3' Min.	
C)	3' Min.	5' Max.	4' Min.	
D)	4' Min.	6' Max.	5' Min.	
E)	5' Min.	7' Max.	6' Min.	
Lengths do not include elbow indicated				
Vent restrictor position A (fully open), refer to the "Vent Restrictor Position" section.				



Vertical Venting with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

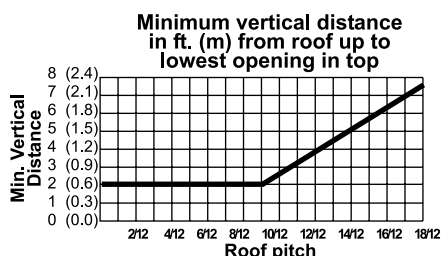
Option	H + H1	V	With these options, max. total pipe length is 30 feet with min. of 6 feet total vertical and max. 6 feet total horizontal. <i>Please note min. 1 foot between 90° elbows is required.</i>
A)	2' Max.	2' Min.	
B)	3' Max.	3' Min.	
C)	4' Max.	4' Min.	
D)	5' Max.	5' Min.	
E)	6' Max.	6' Min.	
Lengths do not include elbow indicated			
Vent restrictor position A (fully open), refer to the "Vent Restrictor Position" section.			



VERTICAL TERMINATION WITH CO-LINEAR FLEX SYSTEM

THE APPLIANCE MUST NOT BE CONNECTED TO A CHIMNEY FLUE SERVING A SEPARATE SOLID FUEL BURNING APPLIANCE.

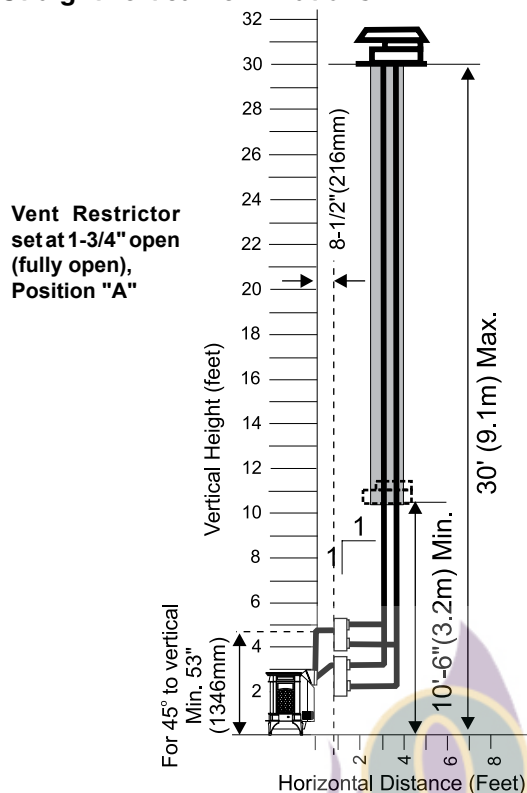
This appliance is designed to be attached to two 3" (76mm) co-linear aluminium flex running the full length of the chimney. See the Venting Arrangements chart below for minimum and maximum flue lengths. See chart below for minimum distances from roof. Periodically check that the vent is unrestricted.



Venting Arrangements - Vertical Terminations with Co-linear Flex System for both Residential & Manufactured Homes into Masonry Fireplaces

The shaded area in the diagram shows the allowable vertical terminations. Note: Must remove 4 screws from stove collar and rotate 180° to have collar facing straight back. Secure into place with 4 screws.

Straight Vertical Terminations

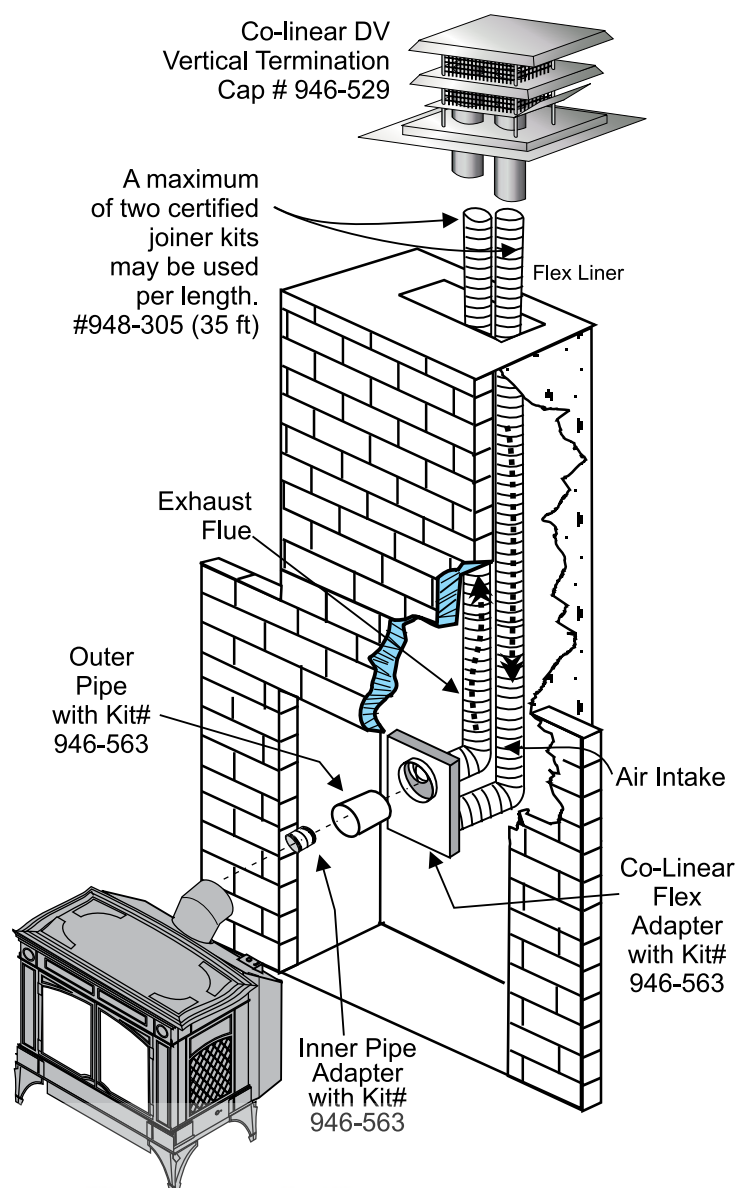


Masonry chimneys may take various contours which the flexible liner will accommodate. However, **keep the flexible liner as straight as possible**, avoid unnecessary bending.

The Air Intake pipe must be attached to the inlet air collar of the termination cap.

Required Parts:

Part #	Description
946-529	Co-linear DV Vertical Termination Cap
948-305	3" Flex - 35 ft.
946-563	Co-Axial to Co-Linear Adaptor Kit which contains the following: Co-linear Flex Adaptor Outer Pipe Inner Pipe Adaptor

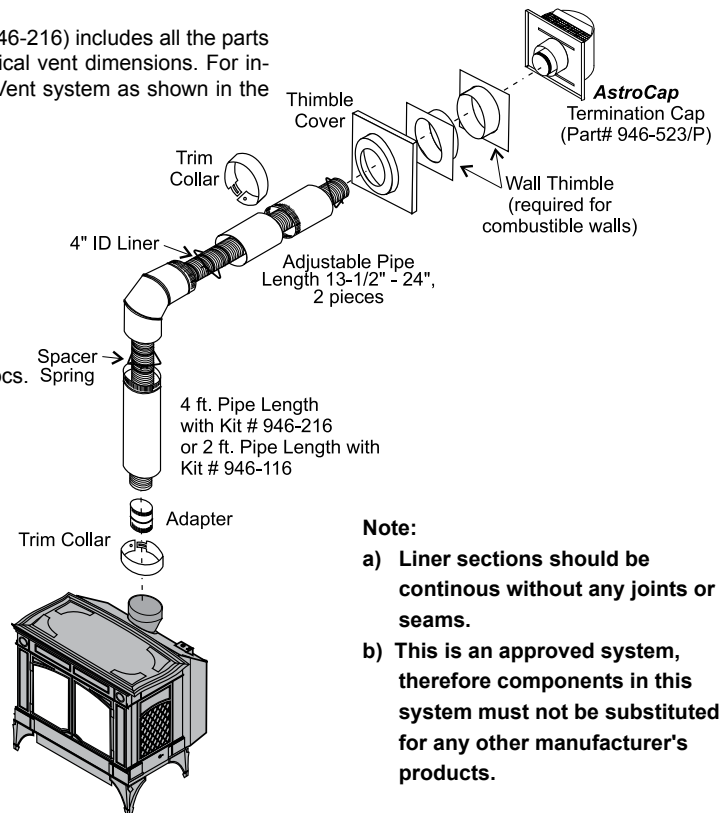


DV STOVE HORIZONTAL TERMINATION VENT KIT

DV 2 ft. Stove Vent Kit (Part # 946-116) and DV 4 ft. Stove Vent Kit (Part #946-216) includes all the parts needed to install the H35 Direct Vent unit with minimum horizontal and vertical vent dimensions. For installations that require longer vertical and/or horizontal vents use the Dura-Vent system as shown in the "Dura-Vent Termination Kit" and "Dura-Vent Venting Components" sections.

Qty.	Description
1) 1	Rigid Pipe Section (Kit # 946-116: 2 ft. (1.2m) length, Kit # 946-216: 4 ft. (1.2m) length), 6-1/2" (165mm) inside diameter
2) 1	Flex Liner, compressed aluminium 2 ply liner, 4" (102mm) inside diameter
3) 4	Spring Spacers
4) 1	90 deg. Elbow
5) 1	Adjustable pipe section 13-1/2" to 24" (343mm x 610mm), 2 pcs.
6) 1	Thimble Cover
7) 1	Wall Thimble (2 pcs.)
8) 1	Adaptor
9) 1	AstroCap Termination Cap
10) 2	Trim Collars
11) 1	Tube of Mill-Pac, high temperature sealant
12) 12	Screws, #8 x 1/2" Self tapping, Stainless Steel
13) 14	Screws, #8 x 1/2" Self tapping, Black
14) 4	Screws #8 x 1-1/2" Drill Point, Black
15) 4	Screws #8 x 1-1/2" Drill Point, Stainless Steel
16) 8	Wood screws #8 x 1"

Required but not included in above Kit:
45° Elbow (Part #: 946-1014)



Note:

- Liner sections should be continuous without any joints or seams.
- This is an approved system, therefore components in this system must not be substituted for any other manufacturer's products.

DV STOVE HORIZONTAL VENT KIT (#946-116 & #946-216) INSTALLATION

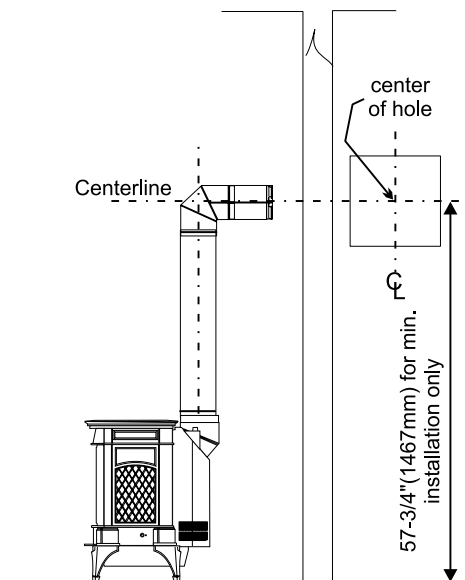
Review the following sequence of instructions which are typical of most installations. The sequence may vary depending on wall thickness. See "Exterior Vent Terminal Locations" to "Venting Arrangements" section for vent location and clearance dimensions, and the "Vent Restrictor Position" section to set the Vent Restrictor to the correct position.

- Set the unit in its desired location. Check to determine if wall studs will be in the way of the venting system, adjust location until all clearances are met and there are no obstructions.

Note: A 1-1/2" (38mm) clearance around the outer pipe must be maintained except that only a 1" (25mm) clearance is needed at the termination end.

IMPORTANT:

Do not locate termination hood where excessive snow or ice buildup may occur. Be sure to check vent termination area after snow falls, and clear to prevent accidental blockage of venting system. When using snow blowers, make sure snow is not directed towards vent termination area.



- Assemble a trial fit to determine the vertical center-line for the vent termination.

- Cut a 9-1/2" x 9-1/2" (241mm x 241 mm) square hole on both the interior and exterior wall.

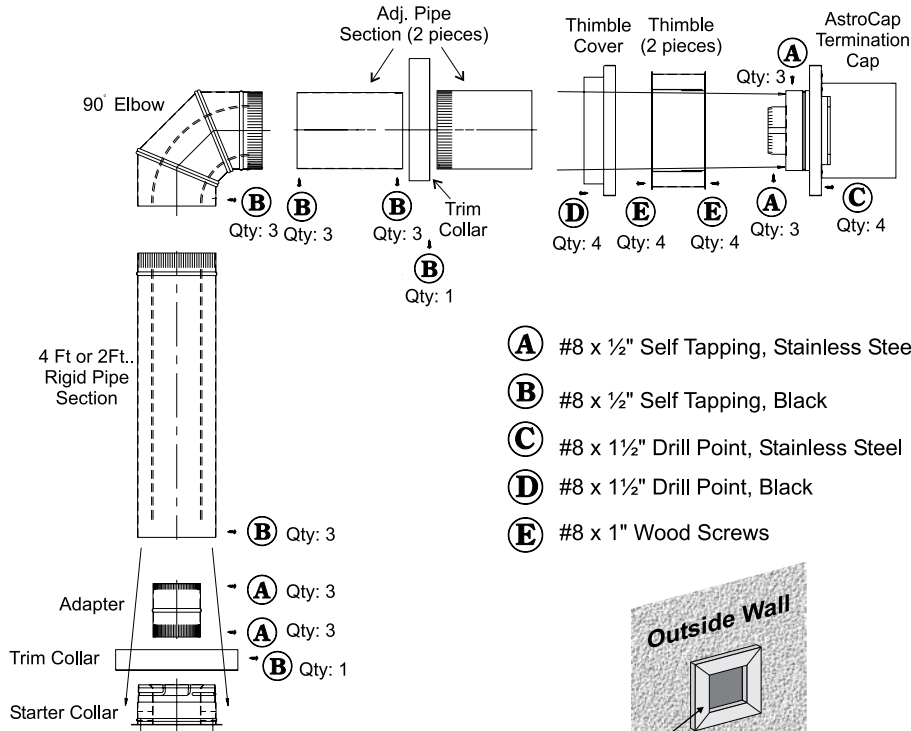
- Install wall thimbles on both interior and exterior wall with 4 wood screws (#8 x 1") per thimble.
- Attach the 2 piece adjustable pipe section to the vent terminal and slide into position from the exterior. **The larger diameter end of the adjustable pipe goes to the vent terminal.**

- Install the 90° elbow onto the adjustable pipe to determine the vertical centerline.

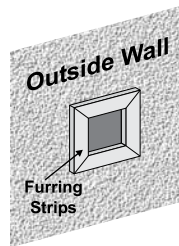
Note: if the centerline cannot be met, the adjustable sections will have to be cut.

- Cut the 4 ft. section of rigid pipe to length. Attach the 45° elbow to the rigid pipe, and ensure that the pipe length when cut (with the 45° elbow) will seat onto both the starter collar and the 90° elbow. **Crimped section of rigid pipe seats into the 90° elbow. Only cut the uncrimped side of pipe.**

Dismantle all pipe sections including vent terminal.



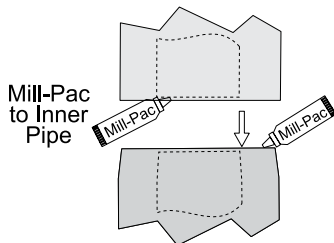
- (A)** #8 x 1/2" Self Tapping, Stainless Steel
- (B)** #8 x 1/2" Self Tapping, Black
- (C)** #8 x 1 1/2" Drill Point, Stainless Steel
- (D)** #8 x 1 1/2" Drill Point, Black
- (E)** #8 x 1" Wood Screws



Note: If installing termination on a siding covered wall, a vinyl siding standoff or furring strips must be used to ensure that the termination is not recessed into the siding. For vinyl siding standoff installation refer to the Dura-Vent Termination instructions.

- 3) Attach the 4" dia. flex liner to the vent terminal ensuring that the flex overlaps the collar of the vent terminal by a minimum of 1-3/8" (35mm). Use Mill-Pac to seal and secure with 3 of the #8 x 1/2" screws (stainless steel).
- 4) Attach the adjustable pipe section to the vent terminal using Mill-Pac wand attach with 3 of the #8 x 1/2" screws (stainless steel).

NOTE: For best results and optimum performance with each approved venting system, it is highly recommended to apply "Mill-Pac" sealant (supplied) to every inner pipe connection. Failure to do so may result in drafting or performance issues not covered under warranty.



Note: The pipe seam should be facing down.

Note: To make the installation more aesthetically pleasing, we recommend framing out a square that the cap can be mounted on.

- 5) Slide the partially connected pipe and vent terminal assembly through the wall thimbles (from the exterior into the interior) and secure the cap to the exterior wall with 4 of the supplied screws (#8 x 1-1/2" drill point, stainless steel). Note: pilot holes will need to be drilled through the wall thimble on all 4 corners.

Note: The four screws provided for the vent cap should be replaced with appropriate fasteners for stucco, brick, concrete, or other types of sidings.

- 6) A bead of non-hardening mastic should be run around both the termination and vinyl siding standoff to prevent water from entering and to make a tight seal between the cap and the standoff.
- 7) Stretch the 4" dia. flex liner out fully and get a trial fit of the liner onto the 4" dia. starter collar.
- 8) Cut the 4" dia. flex liner to the desired size.

Hint: leave an extra 12" to 16" of length, this will make the final assembly easier to work with.

- 9) Secure the 4" dia. flex liner to the 4" adaptor with Mill-Pac and 3 of the #8 x 1/2" screws (stainless steel).

- 10) Slide the decorative Thimble Cover over the pipe sections and secure with 4 screws (#8 x 1-1/2" drill point, black) to the wall.

- 11) Slide the 90° elbow (crimp end up), the 45° elbow and the 4 ft. pipe section (crimp end up) over the 4" dia. flex liner.

- 12) Install the spring spacers onto the pipe sections.

- 13) Secure the 4" dia. flex liner with adaptor onto the stove collar. Put a bead of Mill-Pac around the appliance adaptor and secure with 3 screws (#8 x 1/2", stainless steel).

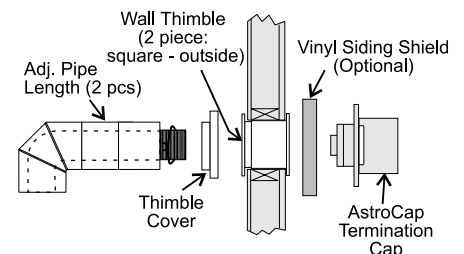
- 14) Attach the 45° elbow onto the starter collar by sealing with Mill-Pac securing with 3 of the #8 x 1/2" (black) screws.

- 15) Attach the pipe section to the 45° elbow by sealing with Mill-Pac securing with 3 of the #8 x 1/2" screws (black). Pipe seams should be facing the wall.

- 16) Attach the 90° elbow onto the pipe section by sealing with Mill-Pac securing with 3 of the #8 x 1/2" screws (black).

- 17) Slide the adjustable pipe section onto the 90° elbow. Slide the trim collar over the adjustable pipe sections to cover the joint of the telescopic section.) The flex may have to be compressed back in order for the adjustable pipe to properly mate to the elbow. Seal with Mill-Pac secure with 3 of the #8 x 1/2" screws (black). Pipe seams facing down.

- 18) Install the trim collar over the starter collar and secure with a #8 x 1/2" screw (black).



If the pipe needs to be touched up, use only Stove Brite High Temperature Metallic Black Stove Paint.

DURA-VENT TERMINATION KIT

Planning Your Dura-Vent Installation

There are two basic types of Dura-Vent Direct Vent System installations: horizontal termination and vertical termination. Confirm the maximum horizontal run and maximum vertical rise from the diagrams in the "Venting Arrangement" section.

When planning your installation, it will be necessary to select the proper length of vent pipe for your particular requirements. For horizontal installations, determine the minimum clearance from the rear of the unit to the wall. It is also

important to note the wall thickness. (The wall thimble is suitable for 2 x 4 or 2 x 6 wall construction.) Select the amount of vertical rise desired for "vertical-to-horizontal" type installations.

Warning: Always maintain required clearances (air spaces) to nearby combustibles to prevent a fire hazard. Do not fill air spaces with insulation.

The minimum clearance requirements between the outer wall of the vent pipe and nearby combustible surfaces is 1-1/4 inch. Be sure to check

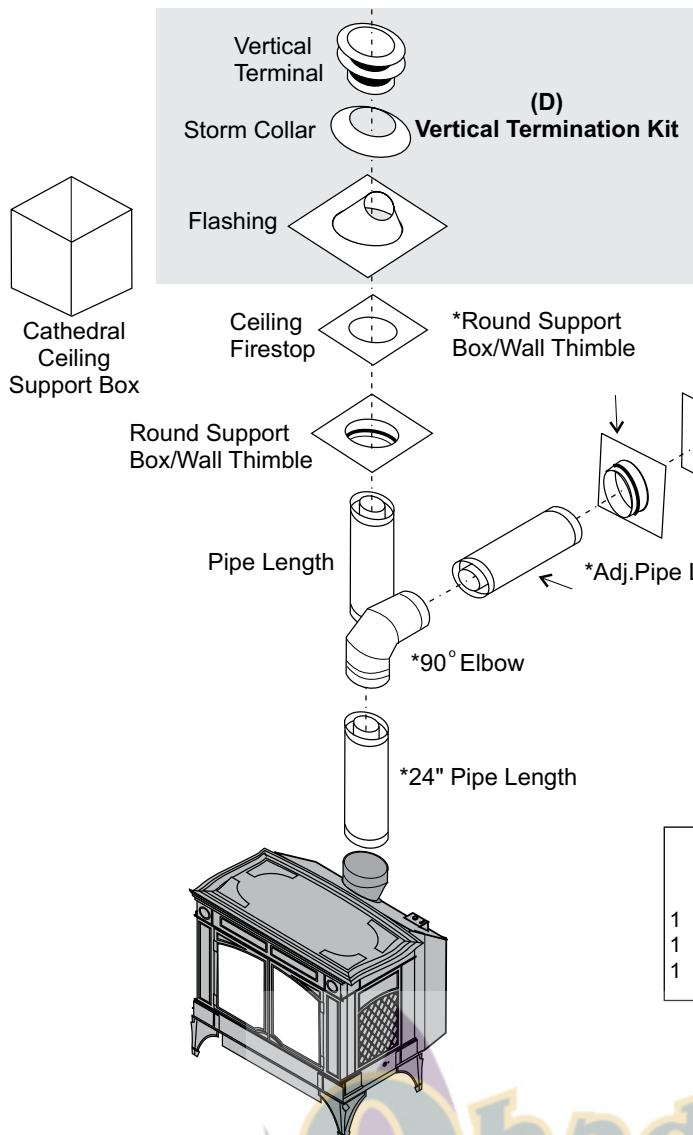
the vent termination clearance requirements from decks, windows, soffits, gas regulators, air supply inlets and public walkways as specified in the "Exterior Vent Terminal Locations" section and in your local building codes.

To determine the length of vent pipe required for vertical installations, measure the distance from the unit flue outlet to the ceiling, the ceiling thickness, the vertical rise in an attic or second storey, and allow for sufficient vertical height above the roof line.

For multi-storey applications, fire stops are required at each floor level. If an offset is needed, additional pipe, elbows and supports will be required.

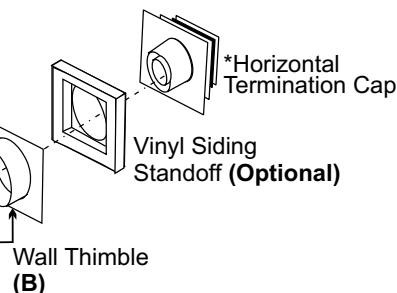
Do not exceed the maximum number of elbows. One 90° for horizontal terminations and two 45° for vertical termination.

Dura-Vent Vertical Termination Installation

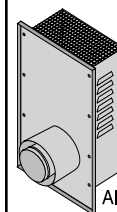


Dura-Vent Horizontal Termination Installation

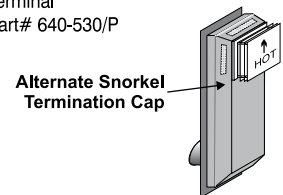
(A)
*Horizontal Termination Kit



Alternate Horizontal Termination Caps



Alternate:
Horizontal
Riser Vent
Terminal
Part# 640-530/P



Alternate Snorkel
Termination Cap

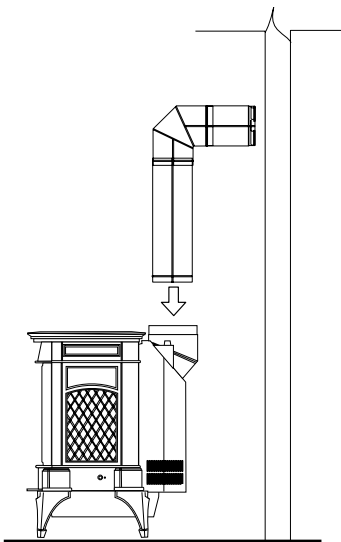
Dura-Vent Basic Horizontal Kit # 46DVA-KHA

- 1 90° Elbow
- 1 Wall Thimble Cover
- 1 Horiz. Sq. Term. Cap

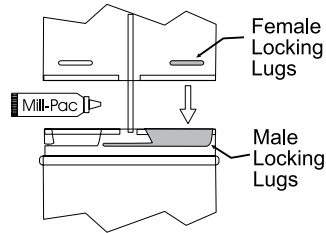
HORIZONTAL INSTALLATIONS RIGID VENT SYSTEM

- 1) Set the unit in its desired location. Check to determine if wall studs or roof rafters are in the way when the venting system is attached. If this is the case, you may want to adjust the location of the unit.
- 2) Direct Vent pipe and fittings are designed with special twist-lock connections to connect the venting system to the appliance flue outlet. A twist-lock appliance adaptor is installed on the unit at the factory. Assemble the desired combination of pipe and elbows to the appliance adaptor with pipe seams oriented towards the wall or ceiling, as much out of view as possible. The final positioning of the pipe and 90° elbow assembly is determined by the mounting orientation of the adaptor on the stove and twist-locked for a solid connection.

Note:



- a) Twist-lock procedure: Four indentations, located on the female ends of pipes and fittings, are designed to slide straight onto the male ends of adjacent pipes and fittings, by orienting the four pipe indentations so they match and slide in to the four entry slots on the male ends (Diagram 1). Push the pipe sections completely together, then twist-lock one section clockwise approximately one-quarter turn, until the two sections are fully locked. The female locking lugs will not be visible from the outside on the Black Pipe or fittings. They may be located by examining the inside of the female ends.



NOTE: For best results and optimum performance with each approved venting system, it is highly recommended to apply "Mill-Pac" sealant (supplied) to every inner pipe connection. Failure to do so may result in drafting or performance issues not covered under warranty.

- b) Horizontal runs of vent must be supported every three feet. Wall straps are available for this purpose.

c) Snorkel Terminations:

For installations requiring a vertical rise on the exterior of the building, 14-inch and 36-inch tall Snorkel Terminations and the Riser Vent as shown in Diagrams 2 & 2a are available. Follow the same installation procedures as used for standard Horizontal Termination. NEVER install the snorkel upside down.

*As specified in CAN/CSAB149.1 Installation Code. Local codes or regulations may require different clearances.

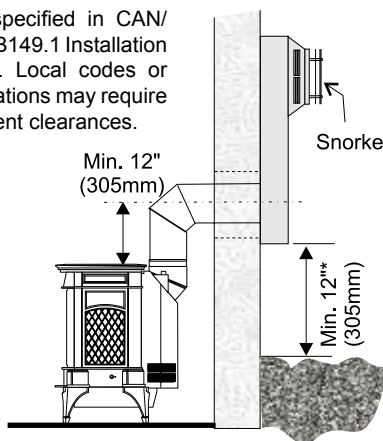


Diagram 2

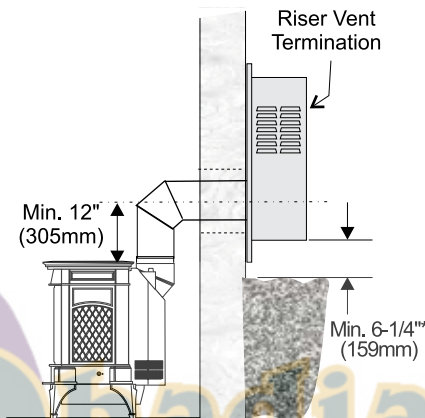


Diagram 2a

Below Grade Snorkel Installation

If the Snorkel Termination must be installed below grade, i.e. basement application, proper drainage must be provided to prevent water from entering the Snorkel Termination. Refer to Vent Manufacturer Installation instructions for details. Do not attempt to enclose the Snorkel within the wall, or any other type of enclosure.

- 3) With the pipe attached to the stove, slide the stove into its correct location, and mark the wall for a 10" x 10" (inside dimensions) square hole. The center of the square hole should line up with the center line of the horizontal pipe, as shown in diagram 3. Cut and frame the 10 inch square hole in the exterior wall where the vent will be terminated. If the wall being penetrated is constructed of non-combustible material, i.e. masonry block or concrete, a 7" diameter hole is acceptable.

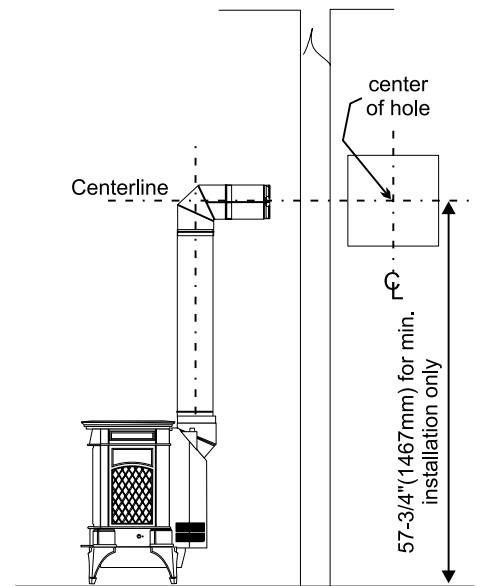


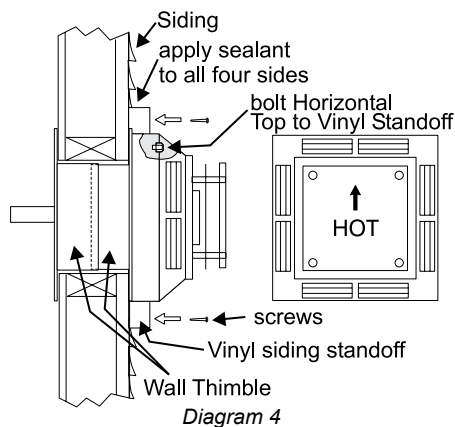
Diagram 3

Note:

- a) The horizontal run of vent should have a 1/4 inch rise for every 1 foot of run towards the termination. Never allow the vent to run downward. This could cause high temperatures and may present the possibility of a fire.
 - b) The location of the horizontal vent termination on an exterior wall must meet all local and national building codes, and must not be blocked or obstructed. See diagram in the "External Vent Terminal Locations" section.
- 4) If installing the vent termination to a wall with vinyl siding, the Vinyl Siding Standoff must be used. Attach the Vinyl Siding Standoff to the Horizontal Vent Termination, but first run a bead of non-hardening mastic around its outside edges, so as to make a seal between vent cap and the standoff. Install the Vinyl Siding Standoff between the vent cap and the exterior wall and attach with the four wood screws provided. Seal around the Vinyl Siding Standoff on all four sides. Diagram 6. **The arrow on the vent cap should be pointing up.** Insure that the 1-1/4" clearances to combustible materials are maintained. See diagram 4.

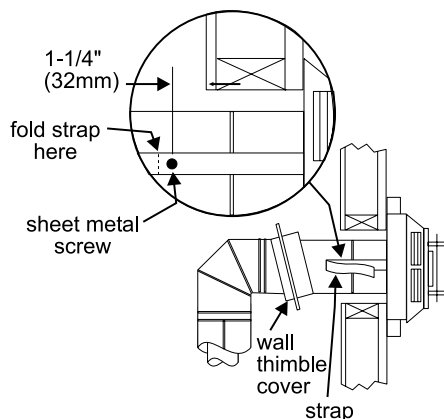
Note: If installing termination on a siding covered wall, a vinyl siding standoff or furring strips must be used to ensure that the termination is not recessed into the siding. The four wood screws provided should be replaced with appropriate fasteners for stucco, brick, concrete, or other types of sidings.

- 5) Before connecting the horizontal run of vent pipe to the vent termination, slide the black decora-

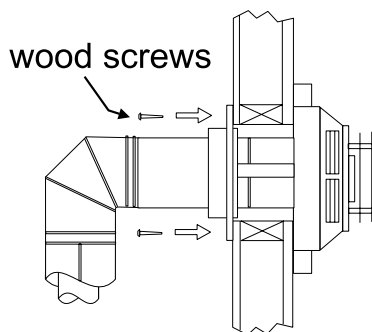


tive wall thimble cover over the vent pipe, then slide the Wall Thimble over the vent pipe.

- 6) Slide the appliance and vent assembly towards the wall carefully inserting the vent pipe into the vent cap assembly. It is important that the vent pipe extends into the vent cap a sufficient distance so as to result in a minimum pipe overlap of 1-1/4 inches. Secure the connection between the vent pipe and the vent cap by attaching the two sheet metal strips extending from the vent cap assembly into the outer wall of the vent pipe. Use the two sheet metal screws provided to connect the strips to the pipe. Bend any remaining portion of the sheet metal strip back towards the vent cap, so it will be concealed by the decorative wall thimble cover. See Diagram 5.
- 7) Install wall thimble in the center of the 10" square and attach with wood screws.
- 8) Slide the decorative wall thimble up to the wall

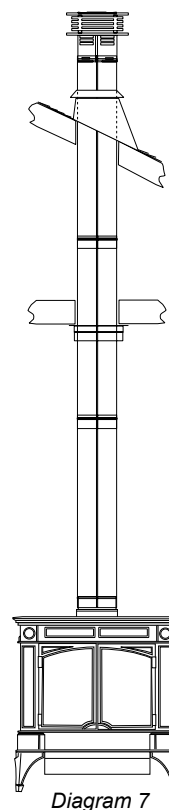


surface being careful not to scratch the paint and attach with screws provided. Apply decorative brass or chrome trim if desired. See Diagram 6.



VERTICAL TERMINATION RIGID VENT SYSTEM

- 1) Maintain the 1-1/4" clearances (air spaces) to combustibles when passing through ceilings, walls, roofs, enclosures, attic rafter, or other nearby combustible surfaces. Do not pack air spaces with insulation. Check the "Exterior Vent Terminal Locations" section for the maximum vertical rise of the venting system and the maximum horizontal offset limitations.



- 2) Set the gas appliance in its desired location. Drop a plumb down from the ceiling to the position of the appliance flue exit, and mark the location where the vent will penetrate the ceiling. Drill a small hole at this point. Next, drop a plumb bob from the roof to the hole previously drilled in the ceiling, and mark the spot where the vent will penetrate the roof. Determine if ceiling joists, roof rafters or other framing will obstruct the venting system. You may wish to relocate the appliance or to offset, as shown in Diagram 8 to avoid cutting load bearing members.

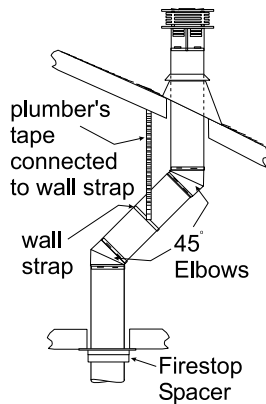


Diagram 8

- 3) To install the Round Support Box/Wall Thimble in a flat ceiling, cut a 10 inch square hole in the ceiling centred on the hole drilled in Step 2. Frame the hole as shown in Diagram 9.

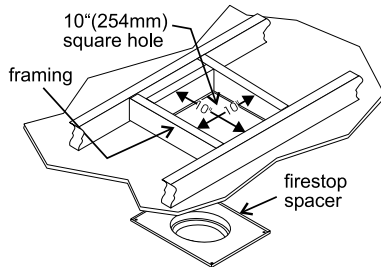
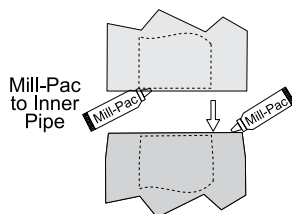


Diagram 9

- 4) Assemble the desired lengths of black pipe and elbows necessary to reach from the appliance adaptor up through the Round Support Box. Insure that all pipes and elbow connections are in the fully twist-locked position and sealed.



NOTE: For best results and optimum performance with each approved venting system, it is highly recommended to apply "Mill-Pac" sealant (supplied) to every inner pipe connection. Failure to do so may result in drafting or performance issues not covered under warranty.

- 5) Cut a hole in the roof centred on the small drilled hole placed in the roof in Step 2. The hole should be of sufficient size to meet the minimum requirements for clearance to combustibles of 1-1/4". Slip the flashing under the shingles (shingles should overlap half the flashing) as per Diagram 10.

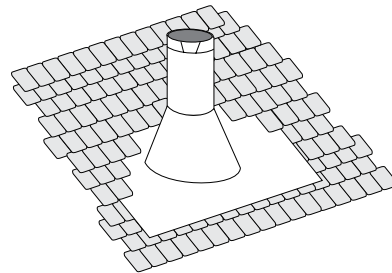


Diagram 10: The upper half of the flashing is installed under the roofing material and not nailed down until the chimney is installed. This allows for small adjustments.

- 6) Continue to assemble pipe lengths.

Note: If an offset is necessary in the attic to avoid obstructions, it is important to support the vent pipe every 3 feet, to avoid excessive stress on the elbows, and possible separation. Wall straps are available for this purpose. See Diagram 5.

Galvanized pipe and elbows may be utilized in the attic as well as above the roof line. The galvanized finish is desirable above the roof line due to its higher corrosion resistance.

Continue to add pipe sections through the flashing until the height of the vent cap meets the minimum height requirements specified in Diagram 11 or local codes. Note that for steep roof pitches, the vertical height must be increased. A poor draft, or down drafting can result from high wind conditions near big trees or adjoining roof lines, in these cases, increasing the vent height may solve the problem.

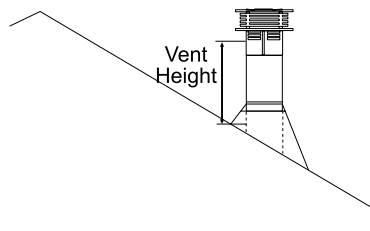


Diagram 11

Roof Pitch	Minimum Vent Height	
	Feet	Meters
flat to 7/12	2	0.61
over 7/12 to 8/12	2	0.61
over 8/12 to 9/12	2	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	1.22
over 12/12 to 14/12	5	1.52
over 14/12 to 16/12	6	1.83
over 16/12 to 18/12	7	2.13
over 18/12 to 20/12	7.5	2.29
over 20/12 to 21/12	8	2.44

- 7) Ensure vent is vertical and secure the base of the flashing to the roof with roofing nails, slide storm collar over the pipe section and seal with a mastic.

- 8) Install the vertical termination cap by twist locking it.

Notes:

- a) For multistorey vertical installations, a Ceiling Fire stop (Part # 46DVA-FS) is required at the second floor, and any subsequent floor. Diagram 12. The opening should be framed to 10 " x 10" inside dimensions, in the same manner as shown in Diagram 9.
- b) Any occupied areas above the first floor, including closets and storage spaces, through which the vertical vent passes, must be enclosed.

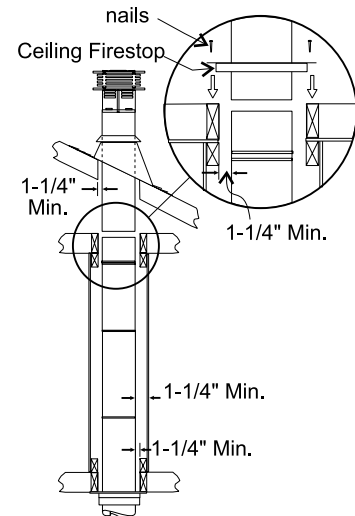
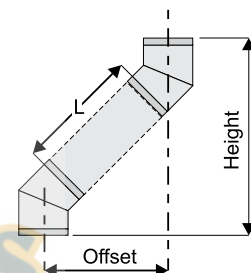


Diagram 12

Offset Chart

GS 6" (152mm) Nominal Diameter ID					
Offset		Pipe Length (L)		Height	
inches	mm	inches	mm	inches	mm
4 3/4	121	0	0	13 1/4	337
9	229	6	152	17 1/2	445
11 1/4	286	9	229	19 1/2	495
13 1/4	337	12	305	21 3/4	552
21 3/4	552	24	610	30 1/4	768
30 1/4	768	36	914	39	991
38	965	48	1219	47	1194



CONVERTING CLASS-A METAL CHIMNEY OR MASONRY CHIMNEY TO DIRECT VENT SYSTEM

There are two different types of direct vent conversion systems listed below. Follow the appropriate directions for your installation.

A) Through an existing factory built metal chimney going through the ceiling: A typical conversion of this type is shown in diagram 1. The concept of direct vent conversion is to connect an adaptor to an Underwriters Laboratories (UL) listed 4 inch diameter aluminum flex pipe which is then passed down through the center of the existing metal chimney system. Three sizes of Top Adaptors are available from Simpson Dura-Vent. The Retro Connector is attached to the bottom of the flex pipe. The Top Adaptor and the Retro Connector are attached to the existing chimney with sheet metal screws. The appliance is then connected to the chimney with appropriate black direct vent pipe and an adjustable length section.

B) Through the wall of an existing masonry chimney: A typical conversion of an existing masonry chimney is shown in Diagram 6. A Top Adaptor and Flashing are used at the top of the masonry chimney. The 4 inch aluminum liner is connected to the adaptor and is passed down the chimney and out through the masonry wall and attached to the Retro Connector. The Retro Connector is attached to the masonry wall and then connected to the direct vent pipe leading to the appliance.

Prior to installation and connection of the vent system to a factory-built or masonry chimney, the chimney must be inspected and thoroughly cleaned by a qualified service person, such as a certified chimney sweep or home inspection service.

The direct vent system must not be connected to a damaged factory-built or masonry chimney.

For factory built, zero clearance, and masonry chimneys cleanout doors and caps or plugs for cleanout tee fittings and ash dumps shall be secured in place and sealed before installing a Direct Vent system within the chimney.

If the appliance shuts off during operation, contact a qualified service person to determine if a negative pressure and/or leaky chimney condition exists. Do not operate the appliance until the problem is corrected.

Approved for US Installations Only
The use of an existing chimney as an air intake is not covered under the ANSI Z21.88a-10007, CSA 2.33a-10007 test methods and the resulting ITS/WHI product certification. The code Authority Having Jurisdiction must be consulted prior to proceeding with this installation method.

Converting a Factory Built Metal Chimney

- 1) Remove the existing chimney cap.
- 2) Measure the distance from the top end of the chimney to the bottom of the ceiling support box, add 3" (76mm) to this measurement, and cut a section of the 4" (102mm) flex pipe to that length (the flex should already be extended to its nominal length).
- 3) Connect the end of the flex pipe section to the underside of the Top Adaptor using 3 sheet metal screws (refer to Diagram 2).

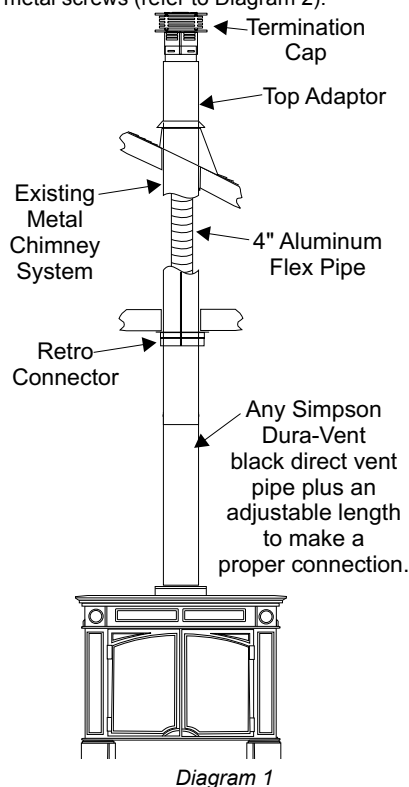


Diagram 1

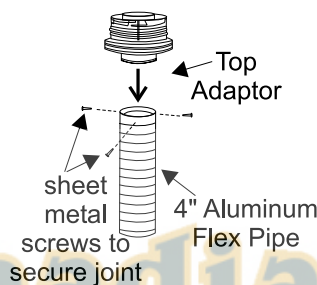


Diagram 2

- 4) Pass the flex pipe down through the center of the chimney system, and center the adaptor on the top of the chimney pipe. Drill four 1/8" diameter holes through the adaptor and into the chimney top. Insure that you are in fact, drilling into the metal on the chimney. Twist-lock the Termination Cap onto the Adaptor (refer to Diagrams 3 and 4).

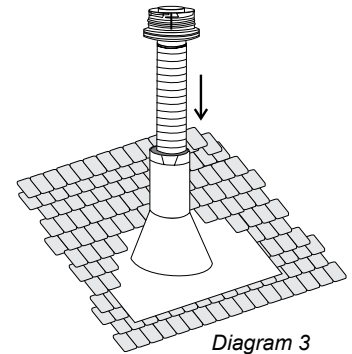


Diagram 3

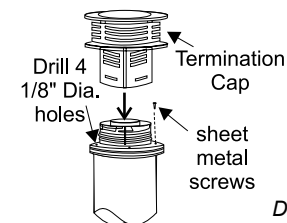


Diagram 4

- 5) Pull the flex pipe down through the ceiling support box, until it protrudes approximately 3" (76mm). Connect the flex pipe to the Retro Connector by slipping it into the 4-3/4" (121mm) diameter sleeve on the top side of the Connector. Use 3 sheet metal screws to assemble these two parts.
- 6) Push the flex pipe back up into the ceiling support box, center the Retro Connector, and attach it to the support box, or decorative sleeve for double wall solid packed pipe, with the sheet metal screws (supplied). The holes in the Retro Connector are pre-punched (refer to Diagram 5).

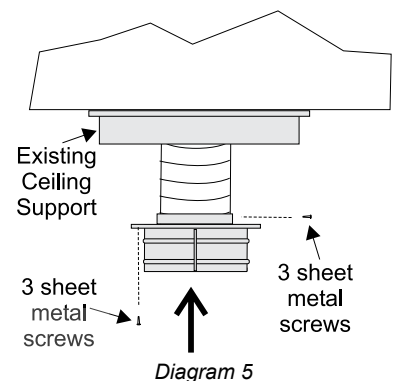


Diagram 5

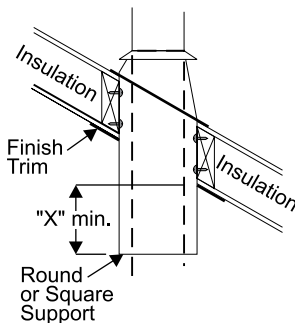
- 7) The connection between the appliance and the Retro Connector may be completed with sections of black direct vent pipe, together with an adjustable length.

CATHEDRAL CEILINGS

Round Support (RDS) & Square Support (SQS)

If your home has a cathedral ceiling (no attic space between the ceiling and the roof), install the chimney and support as follows.

- 1) Situate the chimney in a convenient location as near as possible to the appliance outlet. Cut and frame a hole in the roof for the support. The sides of this hole must be vertical with 1 1/4" (32mm) clearance.
- 2) Place the support in the opening. Lower it to the correct height as determined by the table and diagram below.



Slope	"X"
0/12 - 2/12	4"
2/12 - 7/12	5-1/2"
7/12 - 12/12	6-3/4"
12/12 - 24/12	7-1/2"
24/12+	12-1/2"

Using a level, make sure the support is vertical. If the support extends above the roof, cut it flush with the top of the roof. Nail the support to the frame opening using (8) 3" spiral nails or #8 x 1-1/2" screws.

Note: If you are using a 6" square support you may find it difficult to screw it in place because it is fairly small inside.

Simpson Dura-Vent has provided angle brackets with this support which can be screwed to the outside of the support box and nailed to surrounding framing as required. Use a minimum of four #8 x 1/2" screws per bracket. In some cases these brackets may need to be trimmed (e.g.: to fit under a flashing). Place the Finish Collar around the support and fasten it to the ceiling using the screws provided.

- 3) Use appropriate roof flashing. Place the flashing under the upper shingles and on top of the lower shingles approximately half of the flashing should be under the shingles.

- 4) Assemble the desired lengths of Black Pipe and Elbows necessary to reach from the appliance adaptor up through the support box and flashing to proper height as per Diagram 12, local codes or the "Exterior Vent Terminal Locations" section. Ensure that all pipe and elbow connections are in their fully twist lock position.
- 5) Ensure vent is vertical and secure flashing to the roof with roofing nails. Slide the storm collar over the pipe section and seal with a mastic.
- 6) Twist lock the vent cap on to the last section.

Support Extensions - Round (RDSE) or Square (SQSE)

Steep pitched cathedral ceilings may require the use of a support extension. This piece fits down inside the support and can be adjusted to increase the support's length by up to 22" (559mm). The extension is attached to the support using the eight metal screws provided. Be sure there is at least a 2" (51mm) overlap where the extension joins the support.

HIGH ELEVATION

This unit is approved in Canada for altitude to 4500 ft. (CAN/CGA-10.17-M91). For Natural Gas installations above 4500 feet, follow current CAN/CSA-B149.1.

GAS CONNECTION

The gas connection is a 3/8" NPT 90° elbow. The gas line can be rigid pipe or to make installation easier, use a listed flexible connector and/or copper tubing if allowed by local codes. Since some municipalities have additional local codes it is always best to consult with your local authorities and the CAN/CSA B149.1 installation codes.

For USA installations follow local codes and/or the current National Fuel Gas Code, ANSI Z223.1.

When using copper or flex connectors use only approved fittings. Always provide a union so that gas lines can be easily disconnected for burner and/or valve servicing. Flare nuts for copper lines and flex connectors are usually considered to meet this requirement.

IMPORTANT: ALWAYS CHECK FOR GAS LEAKS WITH A SOAP AND WATER SOLUTION OR GAS LEAK DETECTOR. DO NOT USE OPEN FLAME FOR LEAK TESTING.

Note: Prior to any pressure testing of the gas supply piping system that exceeds test pressures of 1/2 psig, this appliance must be disconnected from the piping system. If test pressures equal to or less than 1/2 psig are used then this appliance must be isolated from the piping system by closing its individual manual shut-off valve during the testing.

SYSTEM DATA - H35-10 For 0 to 4500 feet altitude

Natural Gas

Max. Input Rating 30,000 Btu/h
Min. Input Rating 21,500 Btu/h
Orifice Size #37 DMS

Propane

Max. Input Rating 29,500 Btu/h
Min. Input Rating 24,000 Btu/h
Orifice Size #52 DMS

Supply Pressure

Natural Gas min. 5.0" w.c.
Propane min. 12.0" w.c.

Manifold Pressure

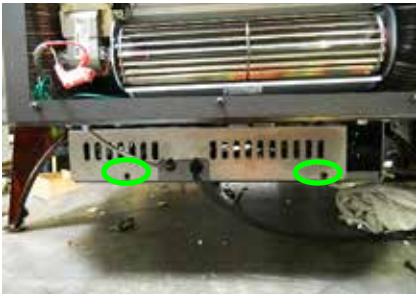
Natural Gas 3.8" +/- 0.2" w.c.
Propane 11" +/- 0.2" w.c.

AERATION ADJUSTMENT

The air shutter can be adjusted by moving the adjusting wire up or down. The wire is accessed through the bottom. Open the air shutter for a blue flame or close for a yellower flame. The burner aeration is factory set but may need adjusting due to either the local gas supply or altitude.

Natural Gas	1/4" (6.4 mm)
Propane	3/8" (9.5 mm)

1. Loosen the 2 screws on the bottom cover and take out the one on the left side (when facing the back of the unit).



Location of the Aeration Adjustment wire



Pull adjustment wire up to close or down to open aeration.

Caution: Carbon will be produced if the air shutter is closed too much.

Note: Any damage due to carboning resulting from improperly setting the aeration controls is NOT covered under warranty.

Note: Aeration Adjustment should only be performed by an authorized FPI Installer at the time of installation or service.

GAS PIPE PRESSURE TESTING

The appliance must be isolated from the gas supply piping system by closing its individual manual shut-off valve during any pressure testing of the gas supply piping system at test pressures equal to or less than 1/2 psig. (3.45 kPa). Disconnect piping from valve at pressures over 1/2 psig.

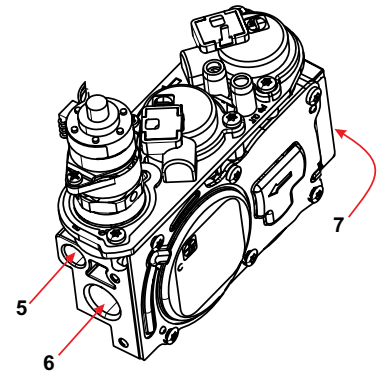
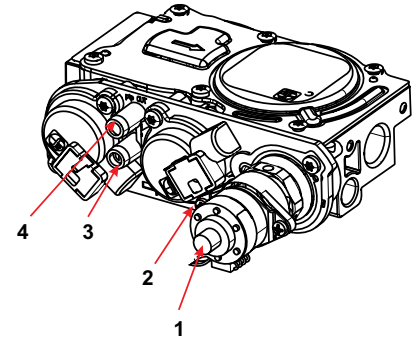
The manifold pressure is controlled by a regulator built into the gas control, and should be checked at the pressure test point.

Note: To properly check gas pressure, both inlet and manifold pressures should be checked using the valve pressure ports on the valve.

- 1) Make sure the valve is in the "OFF" position.
- 2) Loosen the "IN" and/or "OUT" pressure tap(s), turning counterclockwise with a 1/8" wide flat screwdriver.
- 3) Attach manometer to "IN" and/or "OUT" pressure tap(s) using a 5/16" ID hose.
- 4) Turn the unit on with the remote and note the pressure reading.
- 5) The pressure check should be carried out with the unit burning and the setting should be within the limits specified on the safety label.
- 6) When finished reading manometer, turn off the unit, disconnect the hose and tighten the screw (clockwise) with a 1/8" flat screwdriver.
Note: Screw should be snug, but not over tightened.

885 S.I.T. VALVE DESCRIPTION

- 1) 6 Stage flame adjustment
- 2) Pilot adjustment
- 3) Inlet Pressure Tap
- 4) Outlet Pressure Tap
- 5) Pilot Outlet
- 6) Main Gas Outlet
- 7) Main Gas Inlet



CONVERSION KIT #743-969 FROM NG TO LP

**THIS CONVERSION MUST BE DONE BY A QUALIFIED GAS FITTER
IF IN DOUBT DO NOT DO THIS CONVERSION !!**

Each Kit contains one LPG Conversion Kit

LP Conversion Kit Contains:

Qty.	Part #	Description
1	904-529	5/32" Allen Key
1	904-390	Burner Orifice #52
1	918-590	Label "Converted to LPG"
1	908-528	Red "LPG" label
1	910-101	LP Injector (Pilot Orifice)
1	911-011	Stepper Motor
1	919-519	Instruction Sheet

Installation of LPG Conversion Kit:

- 1) Shut off the gas and electrical supply.
- 2) Lift off the Cast Top and remove the cast. Also, remove the glassdoor.
- 3) Remove the logs, embers, and brick panels (if used).
- 4) Remove the 2 screws holding the Burner Assembly to the firebox base. Push the Burner Assembly to the left and lift out.

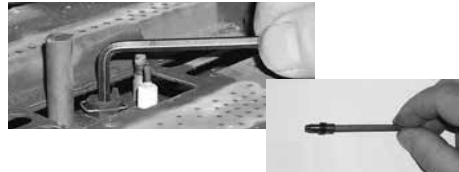


Remove the 2 screws, push Burner Assembly to the left and lift out.

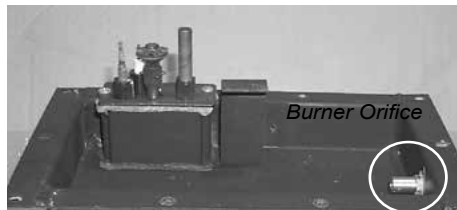
- 5) Pull off the pilot cap to expose the pilot orifice.



- 6) Unscrew the pilot orifice with the allen key and replace with the LP pilot orifice in the kit and replace pilot cap.



- 7) Remove burner orifice with a 1/2" wrench and discard. Use another wrench to hold on to the elbow behind the orifice.



- 8) Reinstall new burner orifice LP stamped #52 and tighten.

- 9) Open the front panel and remove the cover plate by removing two screws.



Take the valve cover plate out

- 10) Disconnect the NG stepper motor wires from the receiver in location show below.



11. Remove NG stepper motor by removing 2 screws in locations shown below. Replace with LP stepper motor, secure in place with 2 screws.



Remove NG Stepper motor and replace with LP Stepper motor

- 12) Connect the LP stepper motor to the receiver (same port as NG stepper removed from in Step 10).
- 13) Reinstall the cover plate and the front panel.
- 14) Attach the label "This unit has been converted to LPG" near or on top of the serial # decal.
- 15) Replace yellow "NG" label with red "LPG" label.
- 16) Reverse steps 4 through 1
- 17) Check for gas leaks.
- 18) Check inlet and outlet pressures.
- 19) Check operation of flame control.

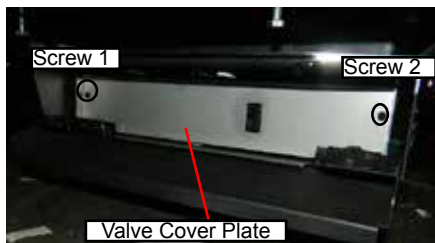
Installer Notice:
These instructions must be left with the appliance.

BACK UP BATTERY INSTALL

1. Open the access panel of the unit.



2. Unscrew the 2 screws (1 on each side), from the Valve Cover Plate.



3. Take the valve cover plate out.
4. There will be the battery compartment sitting in the front.



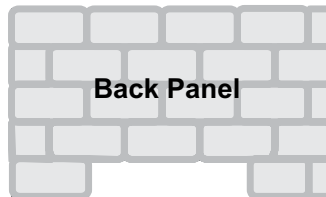
4. Install 4 AA batteries into the box and slide it back to its original place.
5. Reverse steps 3-1 to reinstall.

NOTE:

Remove the batteries when normal operation is resumed as the heat will drain the battery power rapidly.

OPTIONAL BRICK PANEL

- 1) Remove the front cast. (See page 13 for instructions) and glass front (see page 41 for Glass Replacement instructions).
- 2) Remove the log set if installed.
- 3) Insert the back brick panel first by carefully slipping it between the back wall of the firebox and the rear log bracket.



- 4) Before installing the side brick panels, loosen the screws for the brick tabs enough so that you can slide the brick tabs on to the screws easily but that the tabs are secure. For the location of the side brick tab screws see Diagram 1.
- 5) Put the side panels in next. Slide them in from the front and push them flat up against the wall. Be very careful not to scratch them on the firebox hardware.

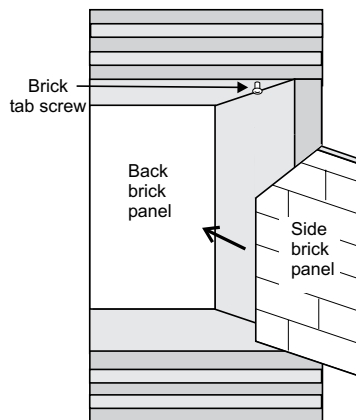
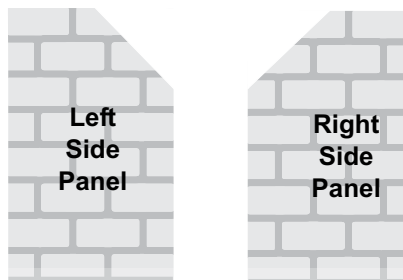


Diagram 1



- 6) Install the brick tabs (refer to Diagram 2).

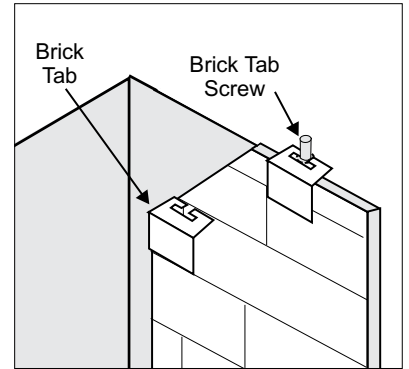


Diagram 2

IMPORTANT

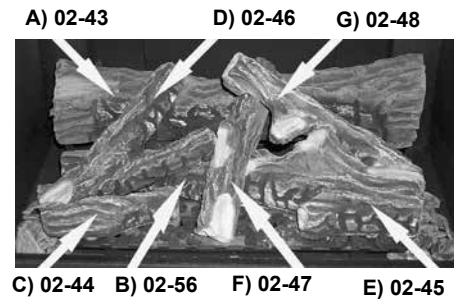
YOUR BRICK PANELS ARE
MANUFACTURED FROM A SPECIAL HEAT
REFLECTIVE CERAMIC MATERIAL
HANDLE WITH CARE
(DO NOT FORCE INTO POSITION)

LOG SET INSTALLATION

Read the instructions below carefully and refer to the diagrams. If logs are broken do not use the unit until they are replaced. Broken logs can interfere with the pilot operation.

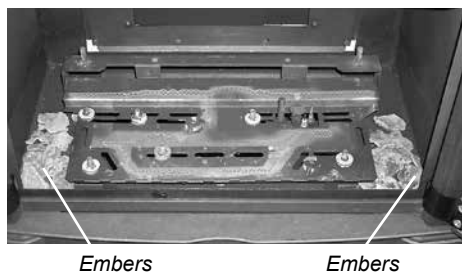
The gas log kit contains the following:

- a) 02-43 Rear Log
- b) 02-56 Middle Left Log
- c) 02-44 Front Left Log
- d) 02-46 Left Top Log
- e) 02-45 Front Right Log
- f) 02-47 Center Log
- g) 02-48 Middle Right Log
- h) Embers
- i) Lava
- j) Platinum Embers (supplied with packaged manual)

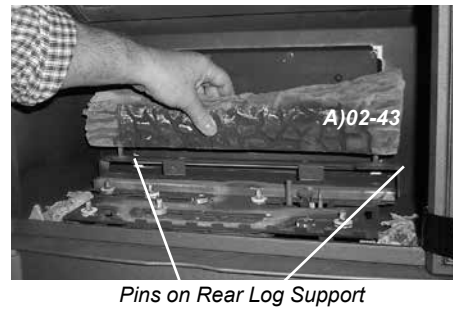


The "02" refer numbers (i.e. 02-43) are molded into the rear of each log.

- 1) Carefully remove the logs from the box and unwrap them. The logs are fragile, handle with care - **do not force into position**.
- 2) Lift off the Cast Top and remove the glass front (refer to the "Glass Replacement" section in this manual).
- 3) Sprinkle the embers on the left and right sides of the firebox base.

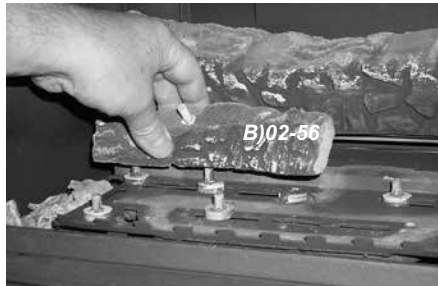


- 4) Place Rear Log A)02-43 on the two pins on the rear log support.

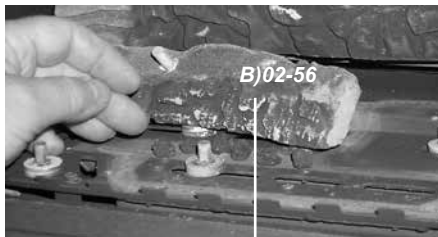


Pins on Rear Log Support

- 5) Place the Middle Left Log B)02-56 on the two pins as shown.

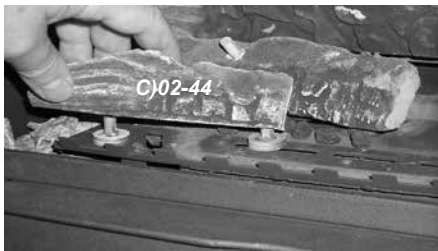


- 6) Sprinkle some lava rock just in front of B) 02-56 on the burner holes.

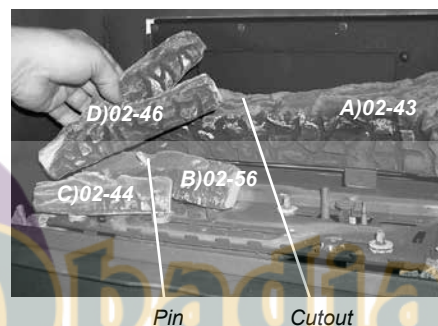


lava rock

- 7) Place Front Left Log C)02-44 onto the 2 front pins as shown.



- 8) Place the Left Top Log D)02-46 on the pin on Log B)02-56 and on top of the cutout on Log A)02-43.



- 9) Place Front Right Log E)02-45 on the two pins as shown.

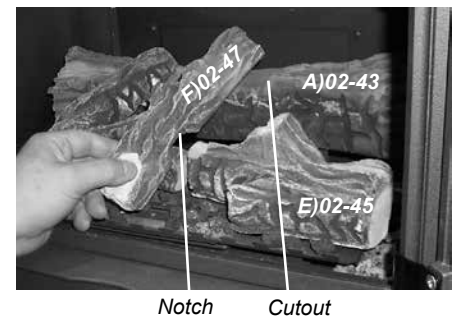


- 10) Place the lava rock in the area between the left and right logs, leaving a space in the middle for log (F) 02-47.

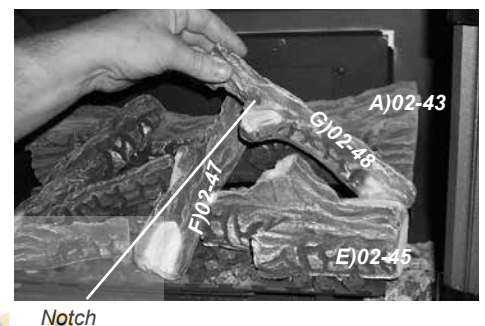
Separate platinum embers and place on and around the lava rock. Avoid stacking platinum embers.

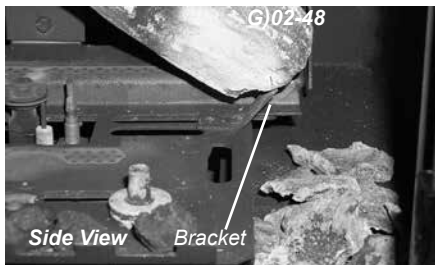


- 11) Place the notch in Center Log F)02-47 over Log E)02-45 and across the cutout on Log A)02-43.



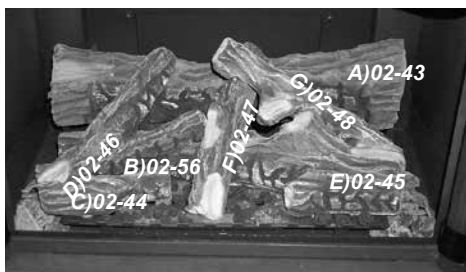
- 12) Position notch in Front Right Log G)02-48 on Log F)02-47 and push the bottom right edge against the bracket on the burner tray.





The bottom right edge of Log G)02-48 must sit snugly against the bracket. (Front Log 02-45 has been removed so that the bracket can be seen.)

- 13) Test fire to ensure proper light off (make sure flame flows smoothly from one end of burner to the other. If there is any flame hesitation, check that area for any blockage of the burner port.



WALL THERMOSTAT

A wall thermostat may be installed if desired. Connect the wires as per the wiring diagrams. Note that the wires are connected to the "TH" on the gas valve. Use table below to determine the maximum wire length:

Note: Preferable if the thermostat is installed on an interior wall.

Hampton® offers an optional programmable thermostat but any 250-750 millivolt rated non-anticipator type thermostat that is CSA, ULC or UL approved may be used.

CAUTION
Do not connect the millivolt wall thermostat wires to the 120V wires.

Recommended Maximum Lead Length (Two-Wire) When Using Wall Thermostat (CP-10 System)

Wire Size	Max. Length
14 GA.	50 Ft.
16 GA.	32 Ft.
18 GA.	20 Ft.
20 GA.	12 Ft.
22 GA.	9 Ft.

REMOTE/RECEIVER CODING

To code the receiver to the hand held remote, follow the procedure below.

1. Open the access panel of the unit.

NOTE: Ensure that the main ON/OFF switch is in the ON position. **(Unit will not function, unless it is in ON position.)**



2. Unscrew the 2 screws (1 on each side) from the valve cover plate and take it out.

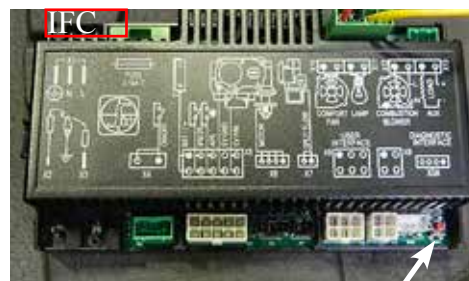


3. Locate the IFC on the front right side of the unit (when facing the unit) as shown below in the picture.



4. Plug in 120 volt power cord into a grounded receptacle or install 4 AA batteries into battery pack and plug into battery terminals located near the gas valve. Do not use both. Only use the 4 AA batteries if 120 volt power is not present.
5. Install 3 AAA batteries into the handheld remote.

6. Hold down the red button on the receiver until you hear 3 beeps, ensuring that unit is powered.



7. Press the ON/OFF button on the handheld remote within 10 seconds to code the remote to the receiver-after 4 beeps are heard-handheld is paired with receiver.

MANUAL OPERATION (NO REMOTE)

To override the remote - open the front access panel and the valve cover plate. Press the red button on IFC until it beeps 3 times and the amber light illuminates, within 10 seconds press and hold the red button again until a beep is heard. After overriding the remote - the ON/OFF switch at the front of the unit will control the unit.

FINAL CHECK

Before leaving this unit with the customer, the installer must ensure that the appliance is firing correctly. This includes:

- 1) Clocking the appliance to ensure the correct firing rate (rate noted on label) at 15 minutes.
- 2) If required, adjusting the primary air to ensure that the flame does not carbon. First allow the unit to burn for 15 min. to stabilize.
- 3) Check for proper draft.

CAUTION

Any alteration to the product that causes sooting or carboning that results in damage to the exterior fascia is not the responsibility of the manufacturer.

WIRING DIAGRAM WITHOUT THERMOSTAT

WARNING: Electrical Grounding Instructions

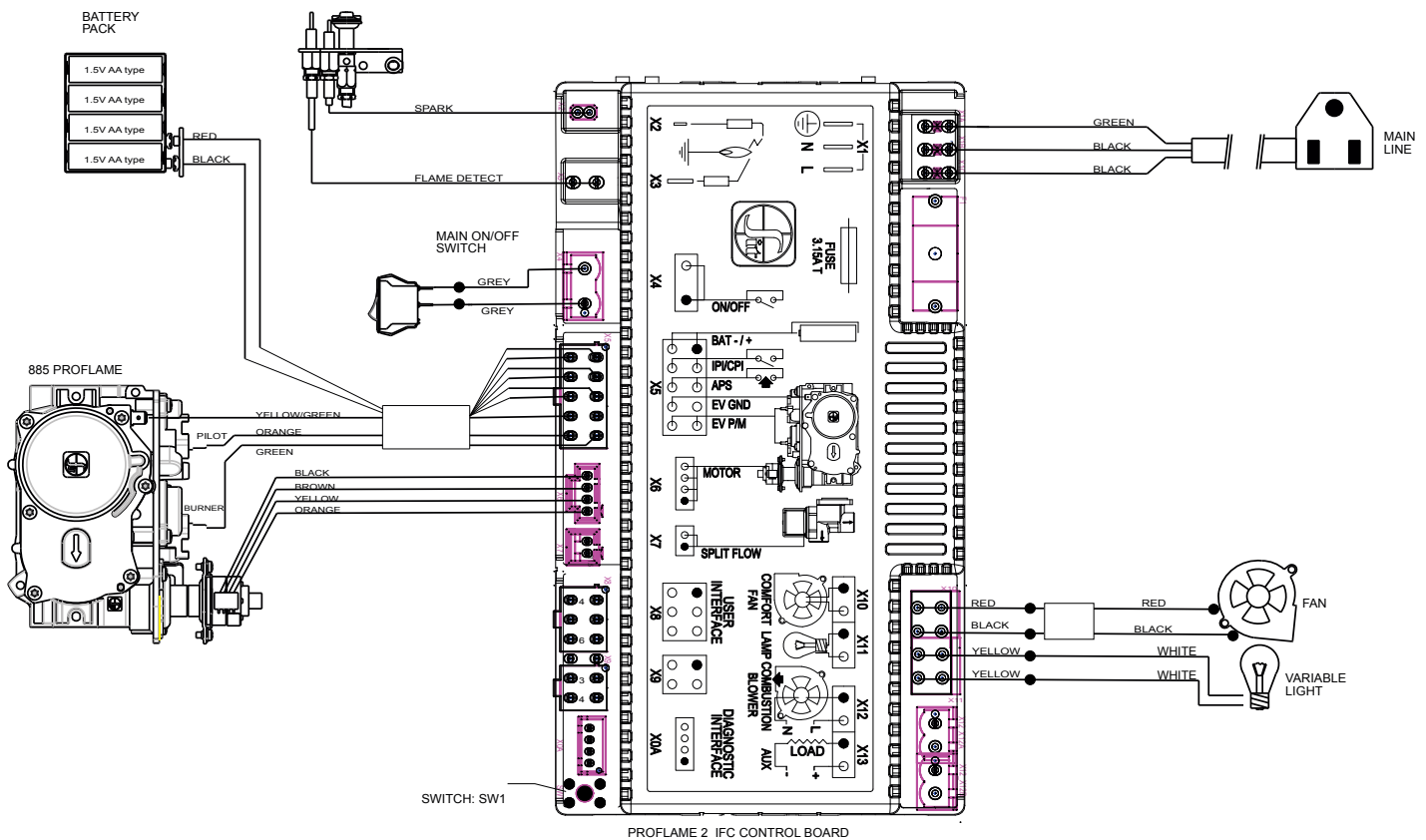
This appliance is equipped with a three pronged (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.

This heater does not require a 120V A.C. supply for operation. In case of a power failure, the remote control/thermostat will continue to operate.

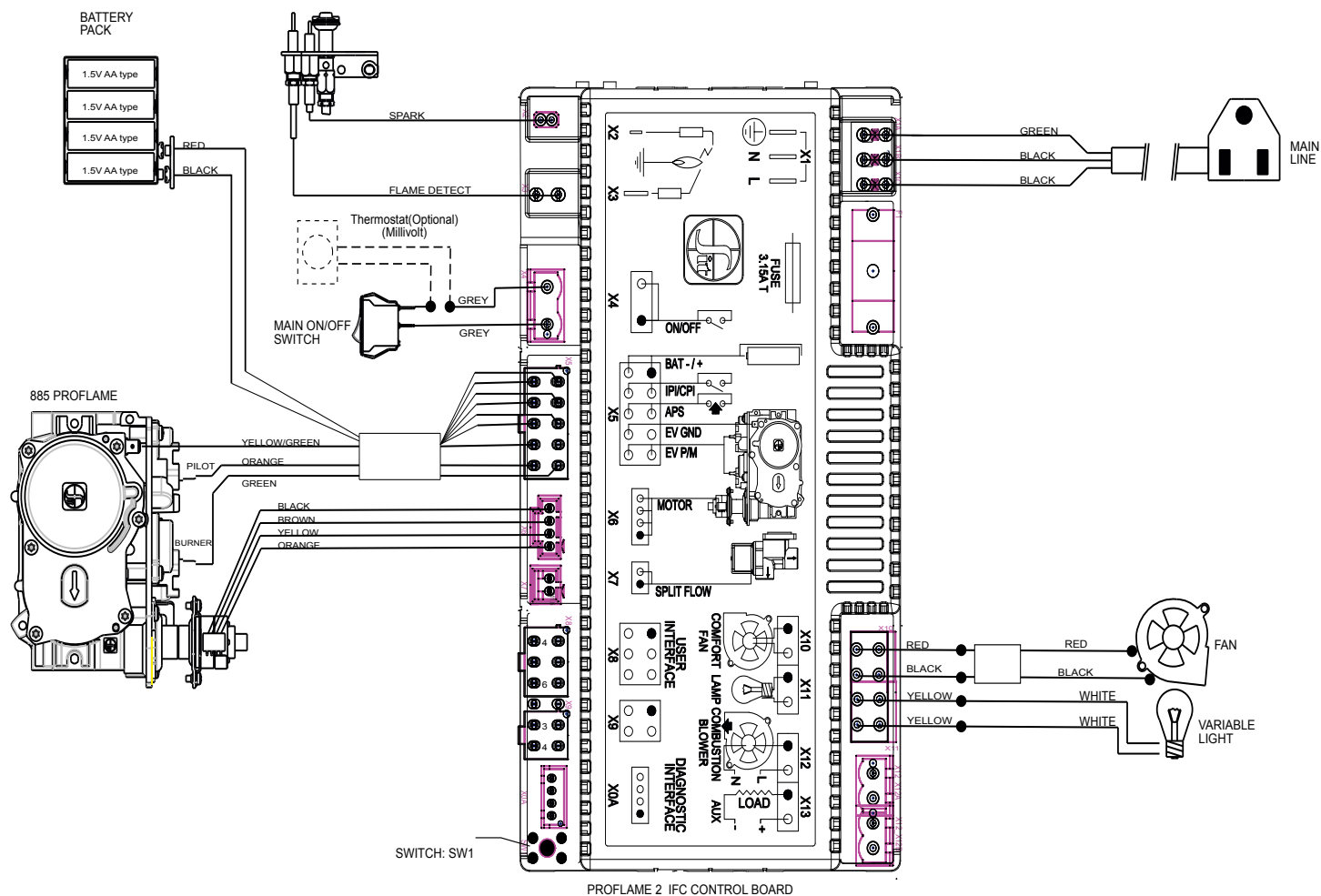
CAUTION: Ensure that the wires do not touch a hot surface and are away from sharp edges.

Note:

4 AA Batteries must be installed into the back up battery compartment however for this unit to operate when power is lost. See battery back up instructions in this manual The fan and or lights will not operate during a power outage.



WIRING DIAGRAM WITH OPTIONAL THERMOSTAT



FIRST FIRE

The **FIRST FIRE** in your stove is part of the paint curing process. To ensure that the paint is properly cured, it is recommended that you burn your fireplace for at least four (4) hours the first time you use it with the fan on. When first operated, the unit will release an odour caused by the curing of the paint and the burning off of any oils remaining from manufacturing. Smoke detectors in the house may go off at this time. Open a few windows to ventilate the room for a couple of hours. The glass may require cleaning.

DONOTATTEMPT TO CLEAN THE GLASS WHILE IT IS STILL HOT!

Note: When the glass is cold and the appliance is lit, it may cause condensation and fog the glass. This condensation is normal and will disappear in a few minutes as the glass heats up.

DO NOT BURN THE APPLIANCE WITHOUT THE GLASS FRONT IN PLACE.

During the first few fires, a white film may develop on the glass front as part of the curing process. The glass should be cleaned or the film will bake on and become very difficult to remove. Use a non-abrasive cleaner and NEVER clean the glass while it is hot.

OPERATING INSTRUCTIONS

- 1) Read and understand these instructions before operating this appliance.
- 2) Check to see that all wiring is correct and enclosed to prevent possible shock.
- 3) Check to ensure there are no gas leaks.
- 4) Make sure the glass in the door frame is properly positioned. Never operate the appliance with the glass removed. Never strike the glass or slam the door shut.
- 5) Verify that the venting and cap are unobstructed.
- 6) Verify log placement. If the pilot cannot be seen when lighting the unit - the logs have been incorrectly positioned.
- 7) The unit should never be turned off, and on again without a minimum of a 60 second wait.

This remote control requires coding. See remote coding instructions for details.

NOTE: This appliance will operate with 4 AA back-up batteries installed (see Back-up Battery section for details) during power outages. Only the fan and light will not operate until power is restored. If the remote is misplaced, the unit can be shut off by flipping the main **ON/OFF** switch, located behind the front cover plate, to the **OFF** position.

IMPORTANT: The remote control system supplied with this appliance has several options for starting/operating the appliance, please read the remote control operating instructions (packed with remote control) to understand how to operate this remote system. You can download remote functions video with the QR code below..



LIGHTING PROCEDURE

IMPORTANT: The remote control system supplied with this appliance has several options for starting/operating the appliance using the power button and ON/OFF key on the hand held transmitter.

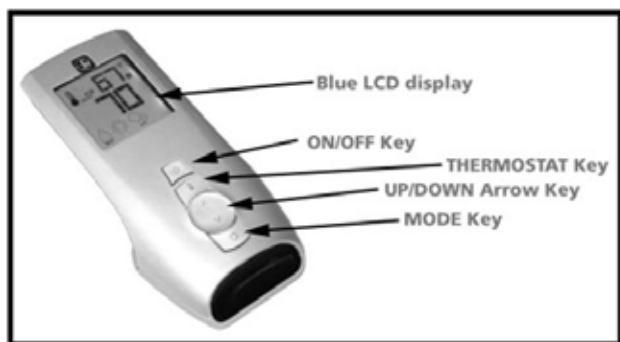
Prior to operating this appliance, please read the remote control operating instructions (packaged with remote control) to understand how to operate this remote control system. Option to download remote functions video with QR code below.

1. Ensure the main switch is in the ON position and/or the battery holder switch is in the Remote position.
2. Press and release the ON/OFF button on the remote handheld transmitter (see Diagram 2). An audible beep should be heard from the receiver.



Remote shown in Manual Mode on Hi

3. After approximately 4 seconds the spark ignition system will spark for 60 seconds to light the main burner.



4. The unit will turn on.

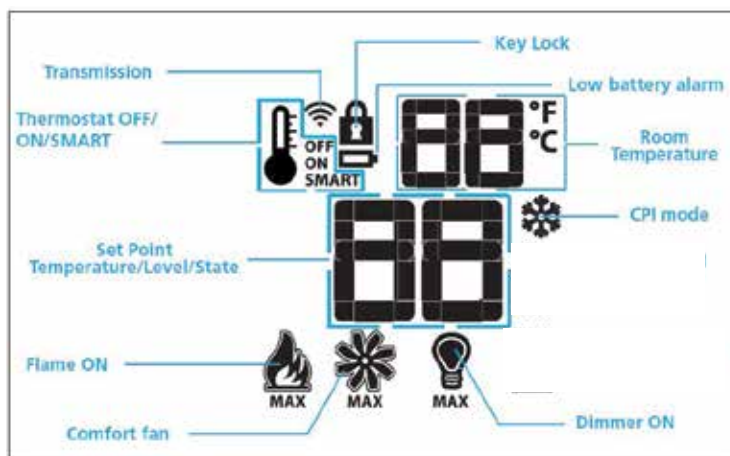
Note: The first try for ignition will last approximately 60 seconds. If there is no flame ignition (rectification) the board will stop sparking for approximately 35 seconds. After wait time, the board will start second try for ignition by sparking for approximately 60 seconds. If there is still no positive ignition the board will go into lock out.

The system will need to be reset as follows:

- a) Wait 5 minutes - turn the system off by pressing the ON/OFF button on the remote.
- b) After approximately 2 seconds turn on ON/OFF switch or press ON/OFF button if using optional remote.
- c) Repeat step 2.

SHUTDOWN PROCEDURE

1. Press the On/OFF button on the remote.
2. If service is to be performed- you must disconnect power and shut off gas to the unit.



Fan Operation:

The optional fan can be operated by using the remote control supplied with this unit. See remote control instructions.

Note:

In thermostat mode: When the appliance is turned on, the fan will not come on for the first 5 minutes (if fan is turned on). When the appliance is turned off the fan will not turn off for 12 minutes (if in on position)

Manual mode: Fan will turn on and off immediately using the remote control transmitter if the fan function is in the "on" position.

Continuous Pilot/Intermittent Pilot (CPI/IPI) **selection**

See remote control instructions for details.

COPY OF THE LIGHTING PLATE INSTRUCTIONS

FOR YOUR SAFETY READ BEFORE LIGHTING

This appliance must be installed in accordance with local codes, if any; if none, follow the National Fuel Gas Code, ANSI Z223.1/NFPA 54, or Natural Gas and Propane Installation Codes, CSA B149.1.

WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner's information manual provided with this appliance. For assistance or additional information consult a qualified installer, service agency or gas supplier.

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

Une installation, d'ajustement, de modification, de service ou d'entretien peut provoquer des blessures ou des dommages matériels. Reportez-vous au manuel du propriétaire de l'information fournie avec cet appareil. Pour obtenir de l'aide ou des informations supplémentaires consulter un installateur qualifié, une agence de service ou fournisseur de gaz.

A) This appliance is equipped with an ignition device which automatically lights the pilot.

Do not try to light the pilot by hand.

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

WHAT TO DO IF YOU SMELL GAS

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

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

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

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

QUE FAIRE SI VOUS SENTEZ UNE ODEUR DE GAZ :

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

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

CAUTION: Hot while in operation. Do not touch. Severe Burns may result. Due to high surface temperatures keep children, clothing and furniture, gasoline and other liquids having flammable vapors away. Keep burner and control compartment clean. See installation and operating instructions accompanying appliance.

LIGHTING INSTRUCTIONS

- 1) Ensure the Main switch is in the ON position and/or the battery holder switch is in the Remote position.
- 2) Press and release the ON/OFF button on the remote handheld transmitter. An audible beep should be heard from the receiver.

- 3) After approximately 4 seconds the spark ignition system will spark for 60 seconds to light the main burner.
- 4) The unit will turn on.

Note: The first attempt to ignition will last approximately 60 seconds. If there is no flame ignition (rectification) the board will stop sparking for approximately 35 seconds. After this wait time, the board will start a second try for ignition by sparking for approximately 60 seconds. If there is still no positive ignition after the second attempt the board will go into lock out.

The system will need to be reset as follows (after going into lock out mode):

- a) Wait 5 minutes - turn the system off by pressing the ON/OFF button on the remote.
- b) After approximately 2 seconds press the ON/OFF button again.
- c) Unit will repeat step 2.

- 1) S'assurer que l'interrupteur principal est en position ON et/ou que l'interrupteur du support de piles est en position télécommande
- 2) Appuyer sur la touche ON/OFF de la télécommande et relâcher. Un bip sonore se fera entendre depuis le récepteur

- 3) Après environ 4 secondes, le système d'allumage des étincelles pendant 60 secondes pour allumer le brûleur principal.
- 4) Les flammes s'allumeront.

Remarque : Au premier allumage, le système tente d'allumer les flammes pendant 60 secondes. Si l'essai est infructueux, le système fait une pause de 35 secondes. C'est ce qu'on appelle l'étape de rectification. Ce délai écoulé, le système tente à nouveau d'allumer les flammes en produisant des étincelles pendant 60 secondes. Si les flammes ne s'allument toujours pas, le système se met en mode verrouillage.

Il faut alors le réinitialiser en suivant les étapes ci-dessous (pour le déverrouiller) :

- a) Attendre 5 minutes et éteindre l'appareil en appuyant sur la touche ON/OFF de la télécommande.
- b) Attendre 2 secondes et appuyer encore une fois sur la touche ON/OFF.
- c) L'unité répétera l'étape 2.

TO TURN OFF GAS APPLIANCE

- 1) Press the ON/OFF button on the remote.
- 2) If service is to be performed—you must disconnect power and shut off gas to the unit.
- 1) Appuyer sur la touche ON/OFF de la télécommande.
- 2) Si le service est effectuée—vous devez débrancher l'alimentation et coupez le gaz à l'unité.

DO NOT REMOVE THIS INSTRUCTION PLATE

919-535

NORMAL OPERATING SOUNDS OF GAS APPLIANCES

It is possible that you will hear some sounds from your gas appliance. This is perfectly normal due to the fact that there are various gauges and types of steel used within your appliance. Listed below are some examples. All are **normal operating sounds** and should not be considered as defects in your appliance.

Blower:

Hampton® gas appliances use high tech blowers to push heated air farther into the room. It is not unusual for the fan to make a "whirring" sound when ON. This sound will increase or decrease in volume depending on the speed setting of your fan speed control.

Burner Tray:

The burner tray is positioned directly under the burner tube(s) and logs and is made of a different gauge material from the rest of the firebox and body. Therefore, the varying thicknesses of steel will expand and contract at slightly different rates which can cause "ticking" and "cracking" sounds. You should also be aware that as there are temperature changes within the unit these sounds will likely re-occur. Again, this is normal for steel fireboxes.

Blower Thermodisc:

When this thermally activated switch turns ON it will create a small "clicking" sound. This is the switch contacts closing and is normal.

Pilot Flame:

While the pilot flame is on it can make a very slight "whisper" sound.

Gas Control Valve:

As the gas control valve turns ON and OFF, a dull clicking sound may be audible, this is normal operation of a gas regulator or valve.

Unit Body/Firebox:

Different types and thicknesses of steel will expand and contract at different rates resulting in some "cracking" and "ticking" sounds will be heard throughout the cycling process.

MAINTENANCE INSTRUCTIONS

- 1) Always turn off the valve before cleaning. For relighting, refer to lighting instructions. Keep the burner and control compartment clean by brushing and vacuuming at least once a year. When cleaning the logs, use a soft clean paint brush as the logs are fragile and easily damaged.

- 2) Clean glass (never when unit is hot), appliance, and door with a damp cloth. Never use an abrasive cleaner.

- 3) The heater is finished in a porcelain finish or with a heat resistant paint and should only be refinished with heat resistant paint (not with wall paint).

Never use an abrasive cleaner on the porcelain finish as it may scratch the surface.

- 4) Make a periodic check of burner for proper position and condition. Visually check the flame of the burner periodically, making sure the flames are steady; not lifting or floating. If there is a problem, call a qualified service person.

- 5) **CAUTION:** Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.

- 6) The appliance and venting system must be inspected before use, and at least annually, by a qualified field service person, to ensure that the flow of combustion and ventilation air is not obstructed. During the annual service call, the burners should be removed from the burner tray and cleaned. Replace the embers but do not block the pilot.

- 7) Keep the area near the appliance clear and free from combustible materials, gasoline, and other flammable vapours and liquids.

WARNING: CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURE AND SHOULD STAY AWAY TO AVOID BURNS OR CLOTHING IGNITION. YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE SAME ROOM AS THE APPLIANCE.

DO NOT USE THIS APPLIANCE IF ANY PART HAS BEEN UNDER WATER. IMMEDIATELY CALL A QUALIFIED SERVICE TECHNICIAN TO INSPECT THE APPLIANCE AND TO REPLACE ANY PART OF CONTROL SYSTEM AND ANY GAS CONTROL WHICH HAS BEEN UNDER WATER.

CLOTHING OR OTHER FLAMMABLE MATERIAL SHOULD NOT BE PLACED ON OR NEAR THE APPLIANCE.

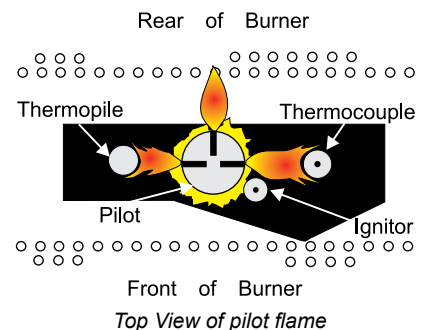
CAUTION: ANY SAFETY SCREEN OR GUARD REMOVED FOR SERVICING AN APPLIANCE MUST BE REPLACED PRIOR TO OPERATING THE APPLIANCE.

- 8) Each time the appliance is lit, it may cause condensation and fog the glass. This condensation and fog is normal and will disappear in a few minutes as the glass heats up.

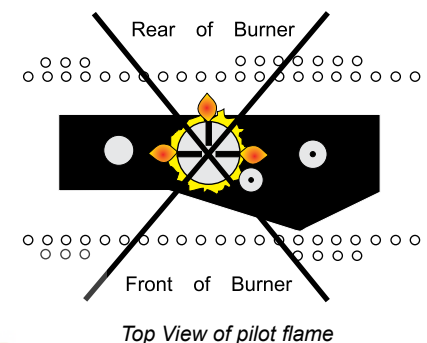
Never operate the appliance without the glass properly secured in place.

- 9) Periodically check the pilot flames. Correct flame pattern has three strong blue flames: 1 flowing around the thermopile and 1 around the thermocouple, and 1 flowing across the rear of the burner (it does not have to be touching the burner).

Note: If you have an incorrect flame pattern, contact your Hampton® dealer for further instructions.



Incorrect flame pattern will have small, probably yellow flames, not coming into proper contact with the rear of the burner or thermopile.



GENERAL VENT MAINTENANCE

Conduct an inspection of the venting system semi-annually. Recommended areas to inspect as follows:

- 1) Check the Venting System for corrosion in areas that are exposed to the elements. These will appear as rust spots or streaks, and in extreme cases, holes. These components should be replaced immediately.
- 2) Remove the Cap, and shine a flashlight down the Vent. Remove any bird nests, or other foreign material.
- 3) Check for evidences of excessive condensation, such as water droplets forming in the inner liner, and subsequently dripping out the joints, Continuous condensation can cause corrosion of caps, pipe, and fittings. It may be caused by having excessive lateral runs, too many elbows, and exterior portions of the system being exposed to cold weather.
- 4) Inspect joints, to verify that no pipe sections or fittings have been disturbed, and consequently loosened. Also check mechanical supports such as Wall Straps, or plumbers' tape for rigidity.

LOG REPLACEMENT

The unit should never be used with broken logs. Turn off the gas valve and allow the unit to cool before opening door to carefully remove the logs. The pilot light generates enough heat to burn someone. If for any reason a log should need replacement, you must use the proper replacement log. The position of these logs must be as shown in the diagram under Log Installation.

Note: Improper positioning of logs may create carbon build-up and will alter the unit's performance which is not covered under warranty.

GLASS REPLACEMENT

Your stove is supplied with high temperature, 5 mm Neoceram ceramic glass that will withstand the highest heat that your unit will produce. In the event that you break your glass by impact, purchase your replacement door from an authorized Hampton® dealer only, and follow our step-by-step instructions for replacement.

- 1) Lift off the Cast Top.

- 2) Open the 2 latches of the Glass Front.
- 3) Lift the Glass Front Assembly up.



Latches

- 4) Remove the glass and replace with the new glass.



- 5) Replace the door and Cast Top.

Replacement Part # 940-324/P Glass

WARNING: Do not operate appliance with glass panel removed, cracked or broken. Replacement of the glass should be done by a licensed or qualified service person.

Note: Wearing gloves will protect your hands while handling glass.

FAN MAINTENANCE

If your fan requires maintenance or replacement, access to the fan is through the rear access panel on the back of the unit. **NOTE: the unit MUST NOT be operated without the fan access panel securely in place and correctly sealed.**

IMPORTANT: These fans collect a lot of dust from within your home. Ensure you maintain these fan motors on a regular basis by vacuuming out the fan squirrel cages, around the motor, and around the grills on the back of the stove.

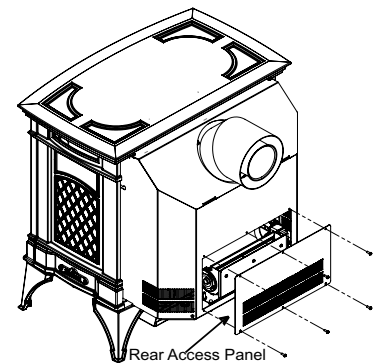
WARNING: Electrical Grounding Instructions

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

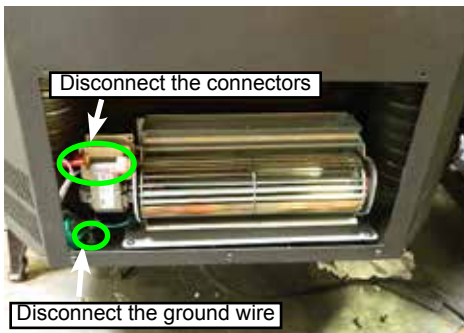
IMPORTANT
Disconnect power supply
before servicing

To remove fan:

- 1) Unplug or disconnect power source to stove.
- 2) Remove the 6 screws holding the access panel in place.



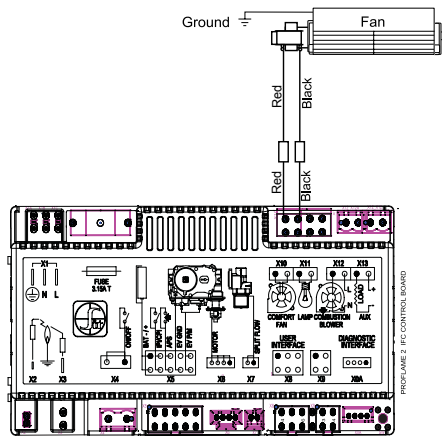
- 3) Unclip the black and red wires from the fan motor.
- 4) Lift fan off of the 2 pins, tip back and pull through rear panel. Do not tear or damage the flex pipe when removing the fan. Disconnect the green ground lug wire from the fan as soon as you can reach it.



Replacing the Fan:

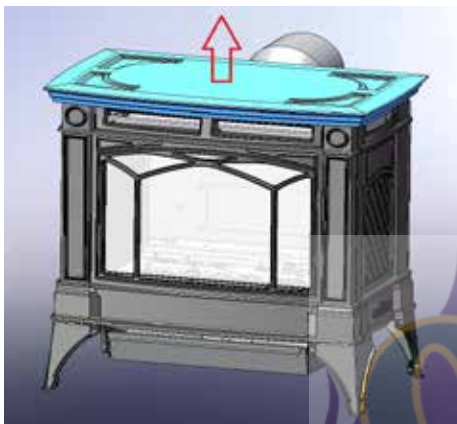
Reverse the above steps (1 - 4). Make sure the fan wires and the ground wire are reattached.

Hint for pushing fan down onto pins - rub a bit of dish soap on the grommet so it will slide more easily onto the pin. Check to make sure the fan is seated properly on the pins - try to move the fan back and forth, there should be no noise, if there is check that the grommets haven't come loose.



ACCENT LIGHT BULB REPLACEMENT

1. Turn off stove and allow to return to room temperature.
2. Shut off electrical supply
3. Lift off cast top and place on a soft surface.



4. Loosen bolts securing cast front-slide light assembly bracket upward to release.

5. Remove two (2) screw to remove bulb housing.



Lift light assy bracket off bolts to install bulb
Remove two screws in locations shown

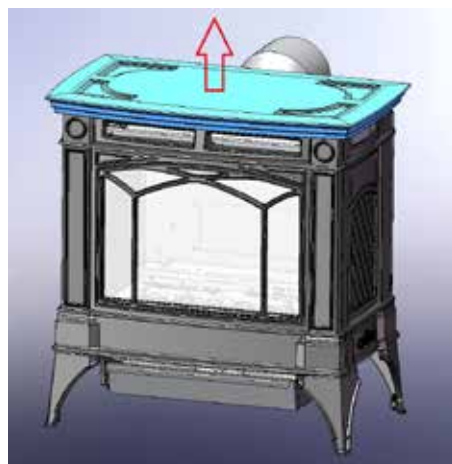
6. Replace bulb.

Note: Oils from hands will shorten the life of the bulbs, do not handle bulbs with bare hands.

7. Reverse steps to reinstall.

SAFETY SCREEN REPLACEMENT

1. Turn off stove and allow to return to room temperature.
2. Lift off cast top and place on a soft surface.



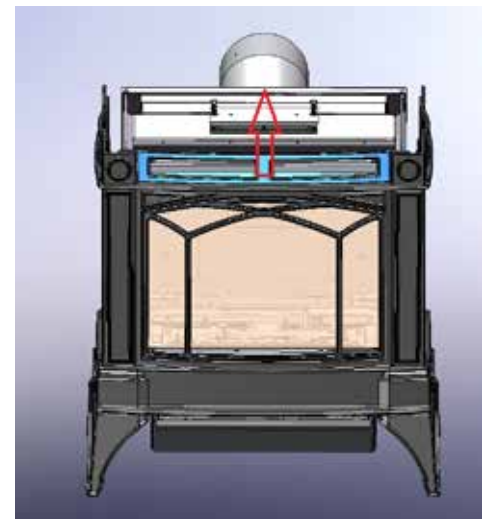
- 3) Undo the top cast grill mounting bolts using 7/16" or 11mm socket.



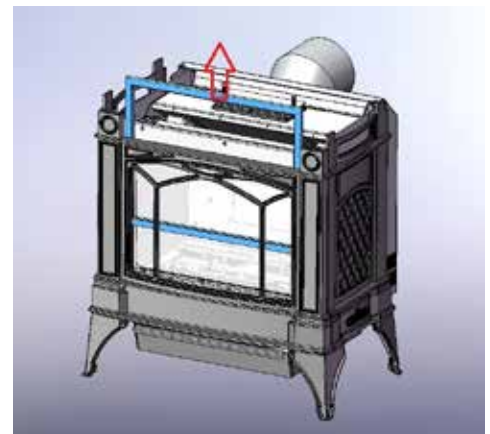
4. Slide the light assembly bracket out of the way.



5. Remove the top cast and place on a soft surface.



6. Slide safety screen upwards to remove.



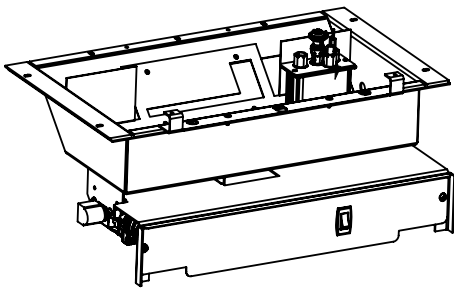
7. Replace screen and reverse steps to reinstall.

REMOVING VALVE

If your valve requires maintenance or replacement, use the following instructions:

Note: Always close off the gas supply before removing the valve.

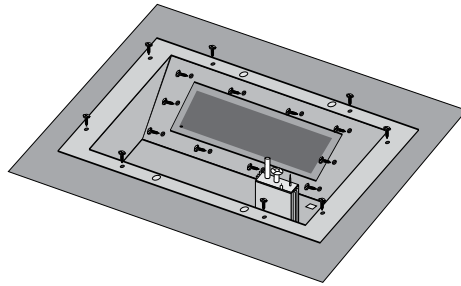
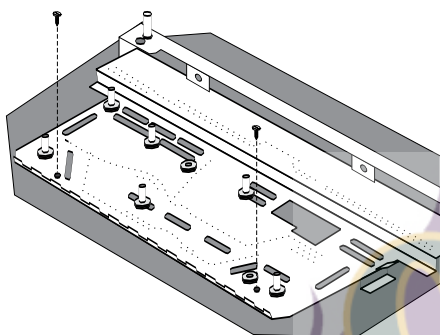
- 1) If optional fan is installed, disconnect power source to stove.
- 2) Open the access panel and remove the valve cover plate.
- 3) Disconnect gas line to stove.
- 4) Disconnect 3/8" NPT pipe from 90° elbow on valve.



- 5) Disconnect the two (2) switch wires from valve.
- 6) Lift off the Cast Top and lift out the front door.
- 7) Remove the cast front. (See page 13 for instructions).
- 8) Remove the glass front assembly by opening the the 2 latches.
- 9) Carefully remove the logs, embers and rockwool.
- 10) Remove burner (see diagram below).

Note: Use a magnetic type screwdriver if possible.

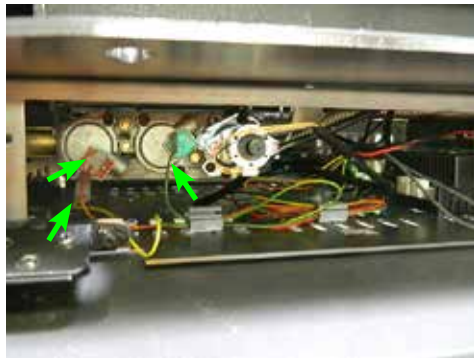
- 11) Remove all 18 screws holding the burner tray assembly in place.



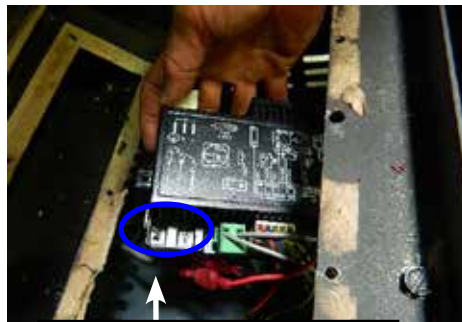
- 12) Carefully lift the burner tray assembly out of the unit to remove.
- 13) Replace with new valve assembly and reverse steps to reinstall. .

To remove valve from valve assembly, continue.

- 14) Disconnect the red, green and yellow wires from the stepper motor as shown in the picture



- 15) Remove two (2) ignition cables from the IFC.



Disconnect the ignition wires from IFC, connected to the valve

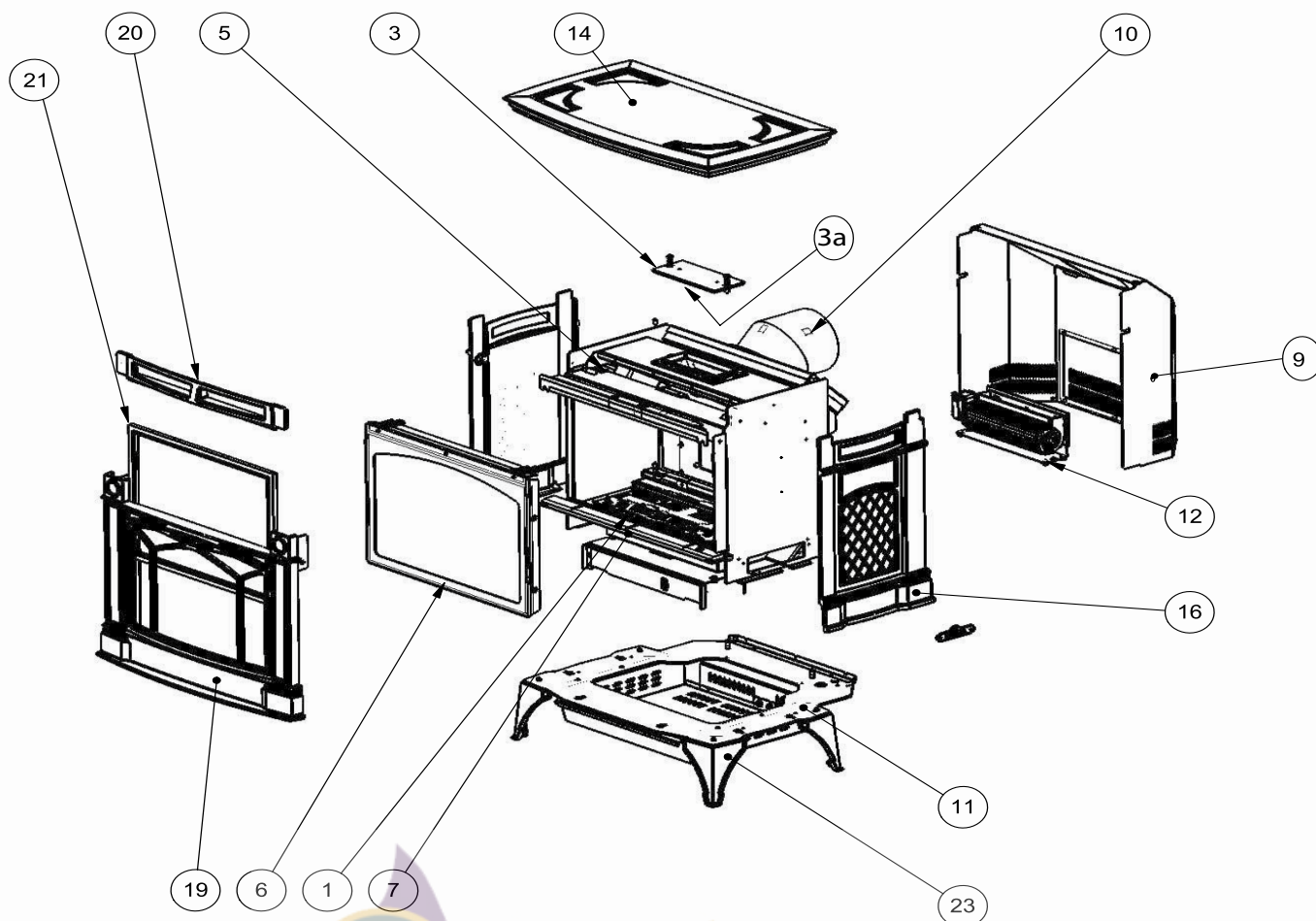
- 16) Remove pilot nut with an 11 mm wrench.
- 17) Remove valve to orifice nut with a 13/16" wrench.
- 18) Remove inlet pipe with pipe wrench. Note orientation of 90° elbow.
- 19) Remove two (2) phillips head M5 screws on each side of the valve.
- 20) Remove valve and remove gas out 90° brass fitting. Note orientation of fitting.

INSTALLING VALVE ASSEMBLY

- 1) To install a new valve assembly, reverse instructions for **removing valve**. See assembly steps 1-11.
- 2) Check for leaks and manifold pressure. See **Gas Pressure Test** instructions.
- 3) To reinstall valve, reverse instructions for removing valve assembly, steps 14-20.

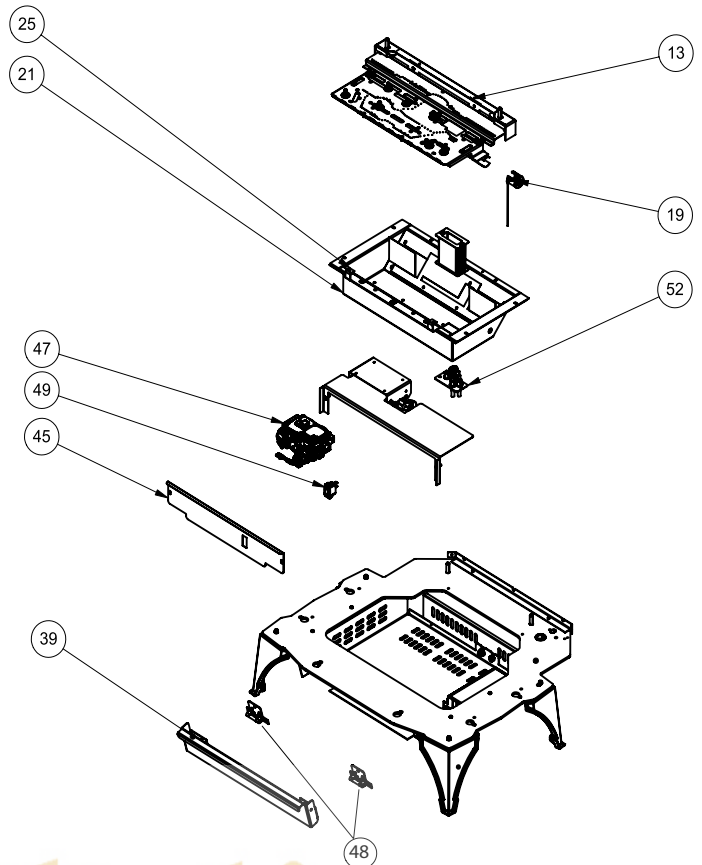
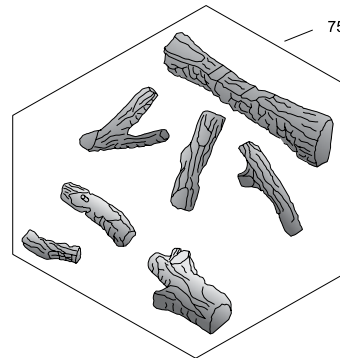
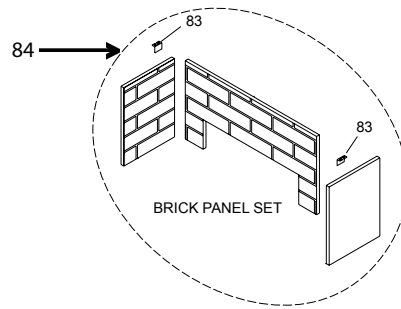
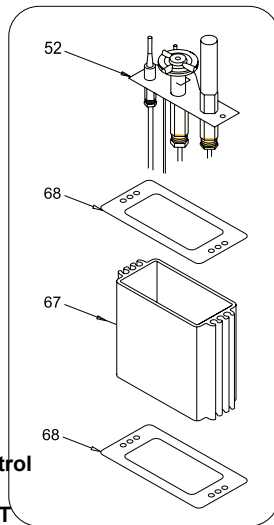
MAIN ASSEMBLY

Part #	Description	Part #	Description
1)	730-550 Burner Tube Assembly NG/LP	19)	743-231 Cast Front Charcoal Grey
2)	Firebox Assembly		743-235 Cast Front Timberline Brown
3)	770-066F Pressure Relief Frame		743-237 Cast Front Seaside Sand
3a)	W260280 Pressure Relief Frame Gasket	20)	743-271 Top Cast Grill Charcoal Brown
4)	Transition Box Assembly		743-275 Top Cast Grill Timberline Brown
5)	740-540 Baffle/Restrictor		743-277 Top Cast Grill Seaside Sand
6)	740-542 Front Door Assembly	21)	743-100 Safety Screen
7)	743-160 Front Brick Inlay	23)	743-241 Cast Leg Charcoal Grey (each)
8)	740-548 Relief Door Assembly		743-245 Cast Leg Timberline Brown (each)
9)	743-513 Rear Panel Assembly		743-247 Cast Leg Seaside Sand (each)
10)	740-532 Upper Air Passage Assembly		
11)	Base Assembly		
12)	560-517/P Fan Assembly		
13)	Lower Air Passage Assembly		
14)	743-201 Cast Top Charcoal Grey		
	743-205 Cast Top Timberline Brown		
	743-207 Cast Top Seaside Sand		
15)	743-211 Cast Left Charcoal Grey		
	743-215 Cast Left Timberline Brown		
	743-217 Cast Left Seaside Sand		
16)	743-221 Cast Right Charcoal Grey		
	743-225 Cast Right Timberline Brown		
	743-227 Cast Right Seaside Sand		



BURNER & LOG ASSEMBLY


Part #	Description
13)	730-550 Burner Assembly - NG/LP
19)	Air Shutter
21)	743-574/P Valve Assembly NG
	743-576/P Valve Assembly LP
31)	Valve Heat Shield
39)	743-056 Valve Access Door
45)	743-006 Valve Cover
47)	911-085 Novasit Valve LP 885 SIT
	911-084 Novasit Valve -NG 885
48)	948-042 Hinge Spring Black
49)	910-246 On/Off Switch
52)	911-006 Pilot Assy-SIT-3 flame-NG
	911-007 Pilot Assy-SIT-3 flame-LP
67)	730-041 Pilot Holder
68)	W840470 Pilot Assembly Gasket
75)	402-935 Log Set
	740-572 Ember Package
83)	400-090 Brick Clip
84)	740-901 Rustic Brown Brick Panels
	740-902 Old Town Red Brick Panels
**	911-010 Stepper Motor NG
**	911-011 Stepper Motor LP
**	910-100 Novasit Pilot Orifice - NG
**	910-101 Novasit Pilot Orifice -LP
**	911-039 Novasit Pilot Hood 2 way
**	911-137 Pilot Hood Clip
**	911-037 Flame Sensor
**	911-038 Flame Electrode
**	904-240 Burner Orifice #37-NG
**	904-390 Burner Orifice #52-LP
**	904-529 5/32" Allen Key - Pilot Orifice
**	936-170 Burner Orifice Gasket
**	W840470 Pilot Assembly Gasket (Each)
**	911-174 IFC Integrated Fireplace Control
	Proflame 2
**	911-175 Hand Held Remote Control GT
	MFL 0.584.042
**	911-179ASM 120 Volt Power Cord As
	sembly
**	911-173 Valve/Remote Wiring Harness
	584.924
**	911-177 4 Position Wire Harness Fan &
	Light Proflame 11
**	911-178 2 Position Wire Harness On/Off
	Switch
**	910-998 Halogen Light Socket Assembly
**	910-997 Halogen Light Bulb 120 Volt/20 Watt/
	JCD Bi-Pin/Gy6.35
**	910-331/P Blower Motor Only with Squirrel Cage
**	911-093 10 Foot Extension Cord
**	911-027 Battery Holder W/9V Snap in 4 AA Bat
	teries
	945F Simpson DuraVent Strater Collar
	W8442051- Strater Collar Gasket - Outer
	W260108 - Starter Collar Gasket - Inner



*Note: Not available as a replacement part.

Handwriting practice lines for the name Obadiah's.







Hampton Fireplace Products are designed with reliability and simplicity in mind. In addition, our internal Quality Assurance Team carefully inspects each unit thoroughly before it leaves our facility. FPI Fireplace Products International Ltd. is pleased to extend this limited lifetime warranty to the original purchaser of a Hampton Product. This warranty is not transferable.

The Warranty: Limited Lifetime

External casting, not directly in contact with the fire, such as hobs, sides, ash lips, legs, fronts and fire doors, are covered against cracks and warps resulting from manufacturer defects, parts and subsidized labour* for three (3) years from the date of purchase and parts only thereafter.

The combustion chamber, heat exchanger, burner tubes/pans and logs are covered under the Limited Lifetime Warranty for five (5) years for parts and subsidized labour* and parts only thereafter.

Glass is covered for lifetime against thermal breakage only, parts and subsidized labour* for five (5) years and parts only thereafter from date of purchase.

Electrical and mechanical components such as blowers, switches, wiring, thermocouples, FPI remote controls, spill switches, thermopiles, thermocouples, pilot assembly components, and gas valves are covered for two years parts and one year subsidized labour* from the date of purchase. Blowers and valves replaced under warranty are considered repairs and continue as if new with appliance. ie. twelve (12) months from original purchase date of appliance with a minimum of three (3) months coverage from date of replacement.

FPI venting components are covered parts and subsidized labour* for three (3) years from date of purchase.

Simpson Dura-Vent venting components are covered by Simpson Dura-Vent Inc. warranty.

Repair/replacement parts purchased by the consumer from FPI after the original coverage has expired on the unit will carry a 90 day warranty, valid with a receipt only. Any item shown to be defective will be repaired or replaced at our discretion. No labor coverage is included with these parts.

Conditions:

Porcelain/Enamel - Absolute perfection is neither guaranteed nor commercially possible. Any chips must be reported and inspected by an authorized dealer within three days of installation. Reported damage after this time will be subject to rejection.

Any part or parts of this unit which in our judgement show evidence of such defects will be repaired or replaced at FPI's option, through an accredited distributor or agent provided that the defective part be returned to the distributor or agent Transportation Prepaid, if requested.

It is the general practice of FPI to charge for larger, higher priced replacement parts and issue credit once the replaced component has been returned to FPI and evaluated for manufacturer defect.

The authorized selling dealer is responsible for all in-field service work carried out on your Hampton product. FPI will not be liable for results or costs of workmanship from unauthorized service persons or dealers.

At all times FPI reserves the right to inspect product in the field which is claimed to be defective.

All claims must be submitted to FPI by authorized selling dealers. It is essential that all submitted claims provide all of the necessary information including customer name, purchase date, serial #, type of unit, problem, and part or parts requested, without this information the warranty will be invalid.

Exclusions:

This limited Lifetime Warranty does not extend to or include paint (charcoal units), porcelain (including pinholes, scratches and minor shade mismatch), door or glass gasketing or trim.

At no time will FPI be liable for any consequential damages which exceed the purchase price of the unit. FPI has no obligation to enhance or modify any unit once manufactured. ie. as products evolve, field modifications or upgrades will not be performed.

FPI will not be liable for travel costs for service work.

Installation and environmental problems are not the responsibility of the manufacturer and therefore are not covered under the terms of this warranty policy.

Embers, door and glass, gaskets, door handles, paint are not covered under the terms of this warranty policy.

Any unit which shows signs of neglect or misuse is not covered under the terms of this warranty policy.

The warranty will not extend to any part which has been tampered with or altered in any way, or in our judgment has been subject to misuse, improper installation, negligence or accident, spillage or downdrafts caused by environmental or geographical conditions, inadequate ventilation, excessive offsets, negative air pressure caused by mechanical systems such as furnaces, fans, clothes dryer, etc.

Freight damage to stoves and replacement parts is not covered by warranty and is subject to a claim against the freight carrier by the dealer.

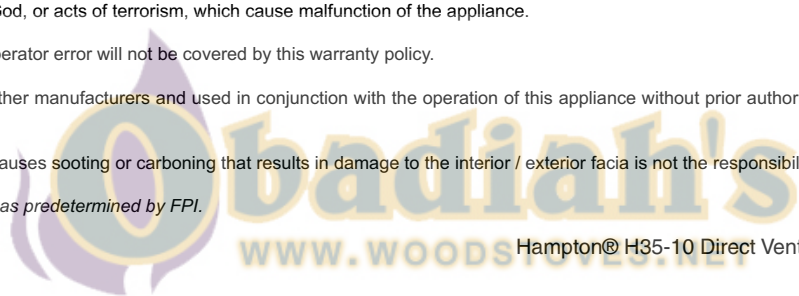
FPI will not be liable for acts of God, or acts of terrorism, which cause malfunction of the appliance.

Performance problems due to operator error will not be covered by this warranty policy.

Products made or provided by other manufacturers and used in conjunction with the operation of this appliance without prior authorization from FPI, may nullify your warranty on this product.

Any alteration to the unit which causes sooting or carboning that results in damage to the interior / exterior facia is not the responsibility of FPI.

* Subsidy according to job scale as predetermined by FPI.



Register your Regency® warranty online www.regency-fire.com

Reasons to register your product online today!

- View and modify a list of all your registered products.
- Request automatic email notification of new product updates.
- Stay informed about the current promotions, events, and special offers on related products.

Installer: Please complete the following information

Dealer Name & Address: _____

Installer: _____

Phone #: _____

Date Installed: _____

Serial No.: _____



H35-10 Product Video