REGENCY
FIREPLACE PRODUCTS

# Atmosphere® GS33E Freestanding Gas Stove

**Owners & Installation Manual**




MODELS: GS33E-NG Natural Gas  GS33E-LP 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: ETL C US LISTED Intertek | **Certified to: /Certifié pour** | **CSA 2.17-2017 (R2022)**<br>**CSA/ANSI Z21.88-2019 (R2024)**<br>**CSA 2.33-2019 (R2024)** |

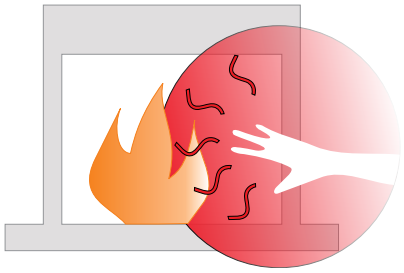
***Installer*: Please complete the details on the back cover and leave this manual with the homeowner.**
***Homeowner:* Please keep these instructions for future reference.**

# REGENCY®
# ATMOSPHERE Direct Vent Freestanding Gas Stove (Electronic Ignition)

**To the New Owner:**

Congratulations! You are the owner of a state-of-the-art Direct Vent Gas Stove by FPI Fireplace Products International Ltd. The Atmosphere® Gas Series of hand crafted appliances has been designed to provide you with all the warmth and charm of a woodstove, at the flick of a switch. The models GS33E-NG, and GS33E-LP of this series 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 Direct Vent Freestanding Gas 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 must 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 OTHER LIQUIDS WITH FLAMMABLE VAPOURS AWAY.**

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

920-408

NATIONAL FIREPLACE INSTITUTE NFI CERTIFIED www.nficertified.org

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).

Wood Energy Technical Training

**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.**

## On Demand Pilot (seven day safety timer)

**Important information if using the appliance in CPI (continuous pilot mode) only**

This appliance is a ProFlame system fitted with the "On Demand" Pilot, a safety feature which will shut down the gas valve completely by extinguishing the pilot light in the event of a continuous full seven days of inactivity.
This only applies if the CPI (continuous pilot) switch is in the "on" position in your remote control transmitter.

Each time the main burner shuts down, manually or through the call from the thermostat, the seven day timer starts again.

The seven day inactivity timer is controlled within the circuit board. Therefore, if in CPI mode and when the pilot light is extinguished after seven straight days of inactivity, the CPI setting on the remote control transmitter will remain in the "CPI" (continuous pilot) position. Therefore, all that is required to relight the pilot would be to press the on/off button on the remote control transmitter from "on" to "off" and back to "on". Once the pilot has re-established operation will resume as normal. There is no requirement to do anything with the IPI/CPI mode on the remote control transmitter.
If the unit never goes as long as seven full days without a call for heat, the pilot will remain lit until it is manually shut-off.

If the unit is being operated in IPI (intermittent pilot) mode, neither the above instructions nor the seven day timer will apply.

See the instructions in this manual and on the Lighting Instructions plate on the appliance to light or re-light the pilot.

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## Before You Start

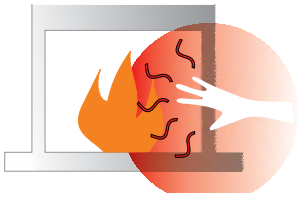
Safe installation and operation of this appliance requires common sense, however, we are required by the Canadian Safety Standards and ANSI Standards to make you aware of the following:

**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 BARRIERS 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.**

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

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

**WARNING: Cancer and Reproductive Harm**
www.P65Warnings.ca.gov
919-874

## Lighting Procedure

**IMPORTANT:** The remote control system supplied with this appliance has several options for starting/operating the appliance using the battery holder 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.

**1.** Ensure the battery holder switch is in the Remote position and / or wall mounted battery holder (if equipped) is in the <REMOTE> position.

**2.** Press and release the ON/OFF button on the remote handheld transmitter (see Diagram 1). An audible beep should be heard from the receiver. If not using the remote, the unit can also be turned on by sliding the battery holder switch to the <ON> position (if equipped).




*Diagram 1*
*Remote shown in Manual Mode on Hi*

**3**. After approximately 4 seconds the spark ignition system will spark for 60 seconds to light the pilot.

**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.

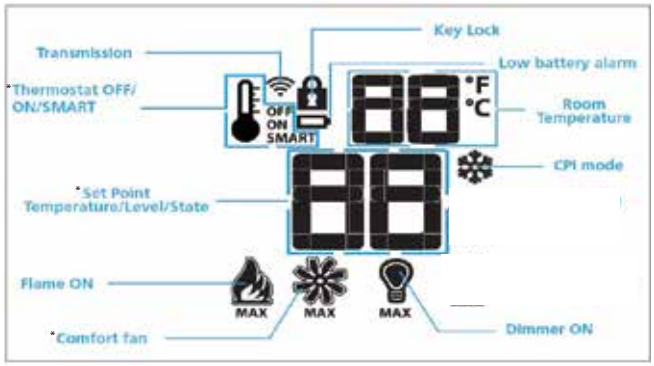
The system will need to be reset as follows:

**a)** Turn the system off by pressing the ON/OFF button on the remote.
**b)** Wait 5 minutes then repeat from 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.




* Not offered on all models.

**Fan Operation:** The standard 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.

## On Demand Pilot (seven day safety timer)

**Important information if using the appliance in CPI (continuous pilot mode) only**

This appliance is a ProFlame system fitted with the "On Demand" Pilot, a safety feature which will shut down the gas valve completely by extinguishing the pilot light in the event of a continuous full seven days of inactivity.
This only applies if the CPI (continuous pilot) switch is in the "on" position in your remote control transmitter.

Each time the main burner shuts down, manually or through the call from the thermostat, the seven day timer starts again.

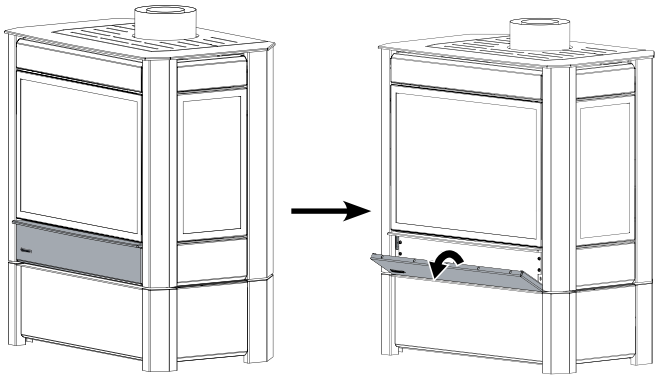
The seven day inactivity timer is controlled within the circuit board. Therefore, if in CPI mode and when the pilot light is extinguished after seven straight days of inactivity, the CPI setting on the remote control transmitter will remain in the "CPI" (continuous pilot) position. Therefore, all that is required to relight the pilot would be to press the on/off button on the remote control transmitter from "on" to "off" and back to "on". Once the pilot has re-established operation will resume as normal. There is no requirement to do anything with the IPI/CPI mode on the remote control transmitter.
If the unit never goes as long as seven full days without a call for heat, the pilot will remain lit until it is manually shut-off.

If the unit is being operated in IPI (intermittent pilot) mode, neither the above instructions nor the seven day timer will apply.

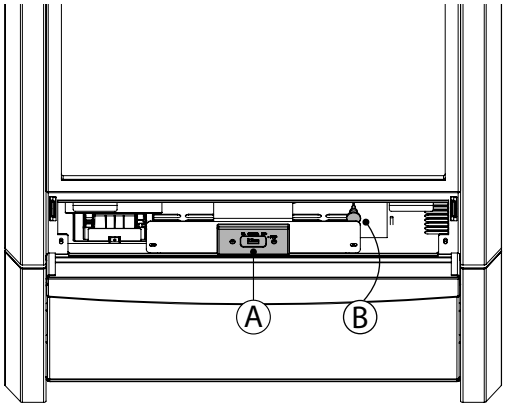
See the instructions in this manual and on the Lighting Instructions plate on the appliance to light or re-light the pilot.

## Know Your Appliance - Electronic Ignition

1. Pull the front door downwards as shown in the illustrations below.
   This will expose the control panel area for adjustments.



2. With the door opened, you will have access to the control panel with Key components including:




| Letter | Description | |
|---|---|---|
| A | Battery Holder | Note: On/Off switch for manual use as well when moved from REMOTE position to ON position.<br>If using handheld remote control keep in REMOTE position at all times.<br>Note:<br>This is also a battery back up if power is ever lost within the home. 4 AA Batteries must be installed into the battery holder for this unit to operate when power is lost within the home. See battery back up instructions in this manual. However, the fan and lights will not operate during a power outage. |
| B | Aeration Control | **WARNING: DO NOT ADJUST. FOR INITIAL INSTALLATION ONLY. USED BY THE INSTALLER ONLY.**<br>**CARBON/SOOTING WILL BE PRODUCED IF NOT SET CORRECTLY.** |

## 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.

**DO NOT ATTEMPT 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.**

This remote control comes factory coded. If remote requires coding/pairing, see remote coding/pairing 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. The fan and lights will not operate until the power is restored. If the remote is misplaced, the unit can be shut off by sliding 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 in this manual.

## Automatic Convection Fan Operation

The fan operates on this appliance with the remote control supplied. The fan will turn on as the stove comes up to operating temperature. After the unit has been turned off and cools to below a useful heat output range the fan will shut off automatically. See remote control instructions for details on operation of the fan using the remote control.

## Adjusting Flame Height

Your heater has an adjustable flame to tailor the look and heat output to your specific needs.

See remote control instructions for full details on how to increase or decrease flame height on this appliance.

## 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:**
Regency® 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 thickness 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.

**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 thickness's of steel will expand and contract at different rates resulting in some "cracking" and "ticking" sounds will be heard throughout the cycling process.

## Copy of the Lighting Plate Instructions

**FOR YOUR SAFETY READ BEFORE LIGHTING**
**POUR VOTRE SÉCURITÉ – À LIRE AVANT LA MISE EN MARCHE**

**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 scrupuleusement les instructions de la présente notice risque de déclencher un incendie ou une explosion pouvant entraîner des dégâts matériels ou des blessures pouvant être mortelles.**
**Tout défaut d'installation, de réglage, de modification, de service ou d'entretien peut entraîner des blessures ou des dommages matériels. Reportez-vous au manuel d'utilisation fourni avec cet équipement. Pour obtenir de l'aide ou des informations complémentaires, consulter un installateur ou un service d'entretien qualifié, ou le 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.
- Leave the building immediately.
- Immediately call your gas supplier from a neighbours 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 to 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 LA MISE EN MARCHE**, reniflez tout autour de l'appareil pour déceler une odeur de gaz. Reniflez au niveau 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 tentez pas d'allumer l'appareil
- Ne touchez à aucun interrupteur; n'utilisez pas le téléphone se trouvant dans le bâtiment.
- Quittez immédiatement le bâtiment.
- Appelez immédiatement votre fournisseur de gaz depuis un téléphone extérieur. Suivez les instructions du fournisseur.
- Si vous ne pouvez pas rejoindre le fournisseur, appelez le service incendie.

**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 tout élément du système de contrôle ou de commande qui a été plongé 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.**

**ATTENTION : Surfaces chaudes lorsque l'appareil est en marche. Ne pas toucher. Risque de brûlures graves. En raison des températures élevées, les enfants, les vêtements et le mobilier, le carburant et tout autre liquide aux vapeurs inflammables doivent être tenus éloignés de l'appareil. Nettoyer régulièrement le brûleur et le compartiment des commandes. Voir les consignes d'installation et d'utilisation fournies avec l'appareil.**

**OPERATING INSTRUCTIONS / CONSIGNES DE FONCTIONNEMENT**

**1) STOP! Read the safety information above on this label.**
**2) Ensure the Main switch is in the ON position and/or the battery holder (if equipped) is in the <REMOTE> position.**
**3) Press and release the ON/OFF button on the remote handheld transmitter. An audible beep should be heard from the receiver. If not using the remote, the unit can also be turned on by sliding the battery holder switch to the <ON> position (if equipped).**
**4) After approximately 4 seconds the spark ignition system will spark for 60 seconds to light the main burner.**
**5) 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.**
**6) If the appliance will not operate, follow the instructions, "To Turn Off Gas to Appliance" and call your service technician or gas supplier. This appliance is equipped with an on-demand pilot that shuts off after seven days.**

**1) STOP! Lisez les instructions de sécurité sur la portion supérieure de cette étiquette.**
**2) S'assurer que le commutateur principal est en position ON et/ou que le bloc-piles (le cas échéant) est en position <REMOTE>.**
**3) Appuyer sur la touche ON/OFF de la télécommande puis relâcher. Un bip sonore retentira depuis le récepteur. Si vous n'utilisez pas la télécommande, l'appareil peut également être allumé en faisant glisser le commutateur du bloc-piles sur la position <ON> (le cas échéant).**
**4) Après environ 4 secondes, le système d'allumage produira une étincelle pendant 60 secondes pour allumer le brûleur principal.**
**5) L'appareil s'allumera.**
**Remarque : Au premier allumage, le système tente d'allumer les flammes pendant 60 secondes. Si l'essai est infructueux, le système fera 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'appareil répètera l'étape 2.**
**6) Si l'appareil ne fonctionne pas, suivez les instructions "Pour couper le gaz au niveau de l'appareil" et appelez un technicien qualifié ou votre fournisseur de gaz.**
**Cet appareil est équipé d'une veilleuse sur demande qui s'éteint après sept jours.**

**TO TURN OFF GAS TO APPLIANCE / POUR COUPER LE GAZ AU NIVEAU DE L'APPAREIL**

**1) Press the ON/OFF button on the remote or slide the main switch to the "OFF" position.**
**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 ou faites glisser l'interrupteur principal sur la position "OFF".**
**2) Lors de l'entretien de l'appareil, vous devez débrancher l'alimentation électrique et couper le gaz alimentant l'appareil.**

**DO NOT REMOVE THIS INSTRUCTION PLATE**
**NE PAS ENLEVER CETTE ÉTIQUETTE D'INSTRUCTIONS**

919-649c

## Proflame Remote Control Operating Instructions

**IMPORTANT:The Proflame Transmitter is an integrated part of the Proflame System, which consists of these elements:**

- **Proflame Transmitter, to be used in conjunction with:**
- **Integrated Fireplaces Control (Proflame IFC)**

The Proflame Transmitter provides for controlling the following hearth appliance functions:

1. Main Burner On/Off
2. Main Burner flame modulation (6 levels)
3. Choice of standing or intermittent pilot (CPI/IPI)
4. Thermostat and Smart thermostat functions
5. Accent light modulation (6 levels)**
6. Split flow valve**
7. Comfort Fan speed modulation (6 levels)**

** This feature is not available on this model.

The Proflame Transmitter uses a streamline design with a simple button layout and informative LCD display (Fig. 1). A Mode Key is provided to index between the features and a Thermostat Key is used to turn on/off or index through Thermostat functions (Fig. 1 & 2). Additionally, a Key Lock feature is provided (Fig. 22).




*Figure 1: Proflame Transmitter*

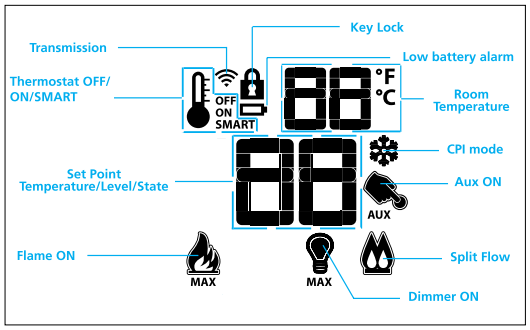



*Figure 2: Transmitter LCD Display*

| TECHNICAL DATA REMOTE CONTROL | |
|---|---|
| Supply Voltage | 4.5V (three 1.5V AAA batteries) |
| Ambient temperature ratings | 0 - 50°C (32 - 122°F) |
| Radio Frequency | 315 MHZ |

**WARNING: THE TRANSMITTER AND IFC ARE RADIO FREQUENCY DEVICES.**

**ATTENTION!**

**- Turn "OFF" the main gas supply of the appliance during installation or maintenance of the IFC.**

**- Turn "OFF" main gas supply to the appliance prior to removing or reinserting the batteries.**

**- In case of remote control malfunction, turn off the IFC device using the "ON/OFF" main switch.**

**- For installation / maintenance, switch off the IFC device removing main power supply plug.**

## Operating Procedure

Pairing the Remote Control to IFC (If required)

Power the receiver. Press and release the Sync button on the battery holder. The receiver will beep three times to indicate that it is ready to synchronize with a transmitter. Install the 3 AAA type batteries in the transmitter battery bay, located on the base of the transmitter (fig. 3). With the batteries already installed in the transmitter, push the ON button. The receiver's command is accepted and sets to the particular code of that transmitter. The system is now initialized.

(*) The receiver may be independent or integral to the IFC hearth appliance control module. The receiver instruction may not be independent when part of the IFC.




*Figure 3: Battery Compartment*

**Note:** Only use regular alkaline batteries. Do not use rechargeable or lithium batteries.

## Temperature Indication Display

With the system in the "OFF" position, press the Thermostat Key and the Mode Key at the same time. Look at the LCD screen on the transmitter to verify that a C or F is visible to the right of the room temperature display (Figures 4 & 5).

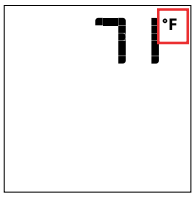



*Figure 4: Remote Control display in Farenheit.*

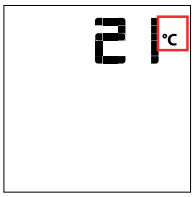



*Figure 5: Remote Control display in Celsius.*

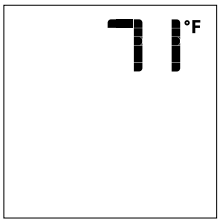



*Figure 6: Remote Control Display*

## Turn on the Appliance

Slide the switch on the battery holder to the REMOTE position. With the system OFF, press the ON/OFF Key on the Transmitter. The Transmitter display will show some other active Icons on the screen. At the same time the IFC will activate the appliance. A single "beep" from the IFC will confirm reception of the command.

## Turn off the Appliance

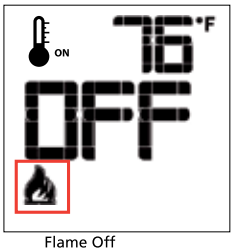
With the system ON, press the ON/OFF Key on the Transmitter. The Transmitter LCD display will only show the room temperature (Fig. 6). At the same time the IFC will turn off the appliance. A single "beep" from the IFC confirms reception of the command.

## Remote Flame Control

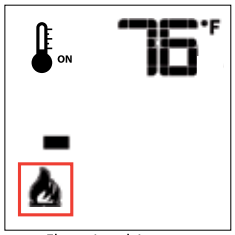
The Proflame has six (6) flame levels. With the system on, and the flame level at the maximum in the appliance, pressing the Down Arrow Key once will reduce the flame height by one step until the flame is turned off.

The Up Arrow Key will increase the flame height each time it is pressed. If the Up Arrow Key is pressed while the system is on but the flame is off, the flame will come on in the high position. ( Fig. 7 & 8 ) A single "beep" will confirm reception of the command.

*Fig. 7*

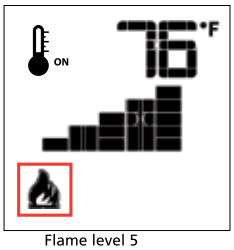



Flame Off

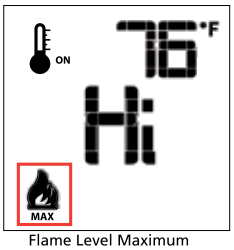



Flame Level 1

*Fig. 8*




Flame level 5




Flame Level Maximum

## Room Thermostat (Transmitter Operation)

The Remote Control can operate as a room thermostat. The thermostat can be set to a desired temperature to control the comfort level in a room.

To activate this function, press the Thermostat Key (Fig. 1). The LCD display on the Transmitter will change to show that the room thermostat is "ON" and the set temperature is now displayed (Fig. 9). To adjust the set temperature, press the Up or Down Arrow Keys until the desired set temperature is displayed on the LCD screen of the Transmitter.

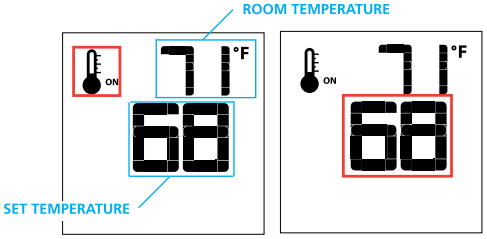



*Figure 9 Figure 10*

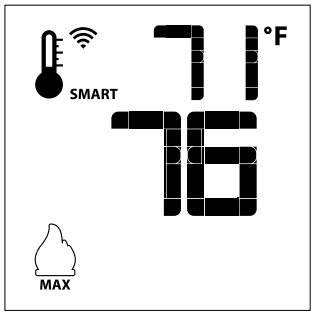
## Smart Thermostat (Transmitter Operation)

The Smart Thermostat function adjusts the flame height in accordance to the difference between the set point temperature and the actual room temperatures. As the room temperature gets closer to the set point the Smart Function will modulate the flame down.

To activate this function, press the Thermostat Key (Fig. 1) until the word "SMART" appears to the right of the temperature bulb graphic (Fig. 11).

To adjust the set temperature, press the Up or Down Arrow Keys until the desired set temperature is displayed on the LCD screen of the Transmitter (Fig. 12).

Note. When Smart Thermostat is activated, manual flame height adjustment is disabled.



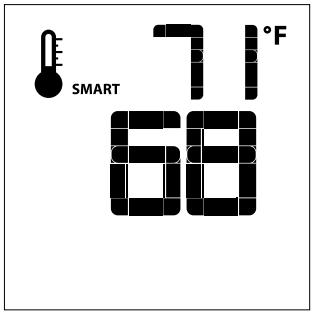




*Figure 11: Smart Flame Function* *Figure 12*

### Fan Speed Control**

If the appliance is equipped with a hot air circulating fan, the speed of the fan can be controlled by the Proflame system. The fan speed can be adjusted through six (6) speeds. To activate this function use the Mode Key (fig.1) to index to the fan control icon (Fig. 13). Use the Up/Down Arrow Keys (fig.1) to turn on, off or adjust the fan speed (fig. 14). A single "beep" will confirm reception of the command.



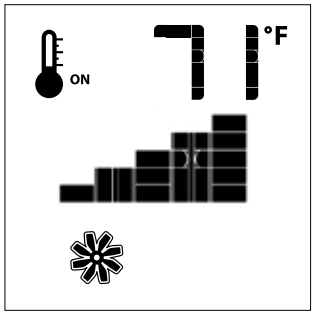




*Figure 13 Figure 14*

### Remote Dimmer Control (Light)**

The auxiliary function controls the AUX power outlet by the dimmable light control. To activate this function use the Mode Key (fig. 1) to index to the AUX icon (fig. 15 & 16).

The intensity of the output can be adjusted through six (6) levels. Use the Up/Down Arrow Keys (Fig.1) adjust the output level (Fig. 16). A single "beep" will confirm reception of the command.

Note: This function is available only with the IFC Control Module.

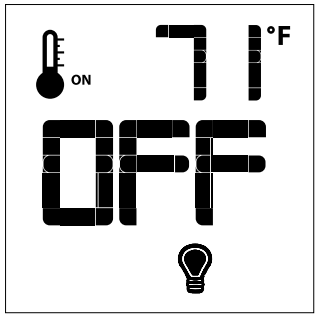



*Figure 15*

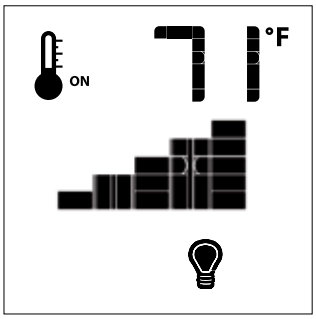



*Figure 16*

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

**Note: Power vent models do not have a Continuous Pilot option.**

With the system in "OFF" position press the Mode Key (fig. 1) to index to the CPI mode icon (fig. 19 & 20).

Pressing the Up Arrow Key will activate the Continuous Pilot Ignition mode (CPI). Pressing the Down Arrow Key will return to IPI. A single "beep" will confirm the reception of the command.

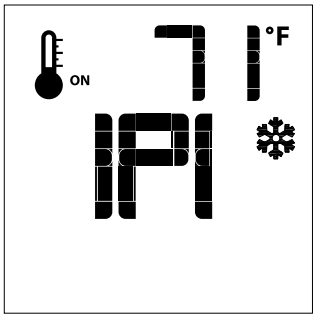



*Figure 17*

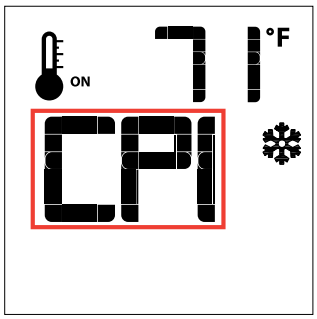



*Figure 18*

## CPI/IPI Switch

This appliance comes equipped with a CPI/IPI switch. The functions of both the CPI/IPI switch are as follows:

**Continuous pilot (CPI)** - A pilot that when in operation, is intended to remain continuously ignited until it is manually interrupted.

**Intermittent pilot (IPI**) - A pilot that is automatically ignited when an appliance is called on to operate and which remains continuously ignited during each period of main burner operation. The pilot is automatically extinguished when each main burner operating cycle is completed. The mode of the fireplace is easily changed from an intermittent pilot ignition system (IPI) to a continuous pilot ignition system (CPI) by using remote control as noted above.

The benefits of having as CPI are as follows:

-Keeps venting primed for trouble free start-up under colder weather conditions or inversions.

-Keeps the unit glass warm, which decreases the amount of condensation on start-up

-Provides owners with flexibility to choose a traditional continuous pilot. The primary benefit of having the IPI function is a significant savings on fuel as the pilot will only run when there is a call for heat.

**Thermostat Icon:** If the thermostat icon is not present on the remote transmitter, follow instructions noted below:

1.Remove one battery from the remote.

2. Press and hold down the Thermostat button on the remote.

3. Reinstall the battery(removed in Step 1) while still holding down thermostat button.

4. If you see **"Set"** the thermostat option is now enabled. If you see "**Clr"** the thermostat option is now disabled.

5. Repeat the procedure if the **"Set"** or "**Clr"** to remove or add the option back to the remote did not appear.

Enable all other functions if not present on the remote transmitter, follow instructions noted below:

1. Remove <u>one</u> battery from remote.

2. Press and hold both the **ON/OFF** and **MODE** button at the same time .

3. Reinstall battery removed in Step 1 while holding both buttons—keep holding buttons, then release the **MODE** button only.

4.The screen will show either **"Clr"** or **"Set"** as the first option available is to disable or enable a mode.

5. **"Clr"** will <u>remove</u> a mode—use the up or down arrow while holding down **ON/OFF** and **MODE** (mode icon will disappear once removed).

6. Use the **"MODE"** button to move to the next function.

7. **"Set"** will <u>add</u> a mode —use the up or down arrow while holding down **ON/OFF** and **MODE** (mode icon will appear when added).

8. Use the **"MODE"** button to move to the next function.

**Note: You should never program out the fan (if installed) or CPI/IPI mode on the remote.**

## Key Lock

This function will lock the keys to avoid unsupervised operation.

To activate this function, press the MODE and UP Keys at the same time (fig. 19).

To de-activate this function, press the MODE and UP Keys at the same time.

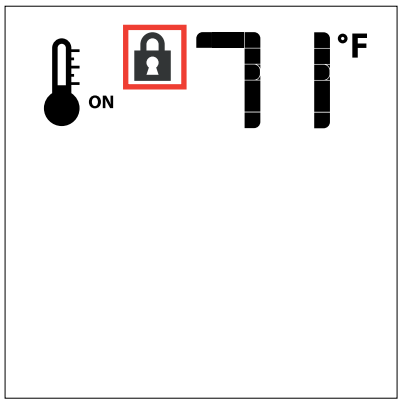



*Figure 19*

## Low Battery Power Detection

### Transmitter

The life span of the remote control batteries depends on various factors: quality of the batteries used, the number of ignitions of the appliance, the number of changes to the room thermostat set point, etc.

When the Transmitter batteries are low, a Battery Icon will appear on the LCD display of the Transmitter (Fig. 22) before all battery power is lost. When the batteries are replaced this Icon will disappear.

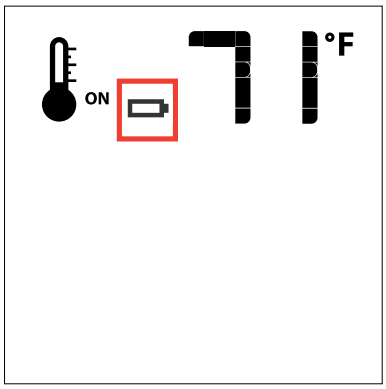
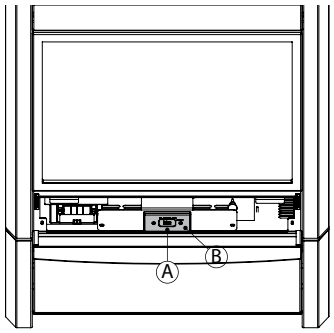



*Figure 20*

## Proflame Battery Holder Battery Replacement & Battery Back Up if 120 Volt Power is lost

How to replace / add the batteries on battery holder.
**Note:** Open up front access door to expose the battery holder. Remove black wall switch cover plate (B) by removing 2 small Phillips head screws. Only use regular alkaline batteries. Do not use rechargeable or lithium batteries.

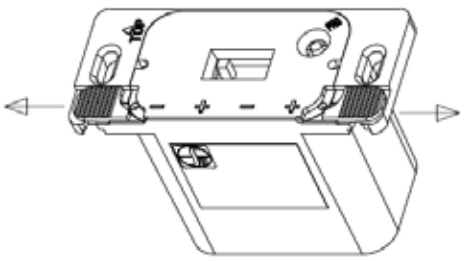
**STEP 1**




| Letter | Description | Part # |
|---|---|---|
| A | Battery Holder | 911-337/P |
| B | Black Wall Switch Cover Plate | 911-342 |

**STEP 2**

Move both the left/right slides as shown below.



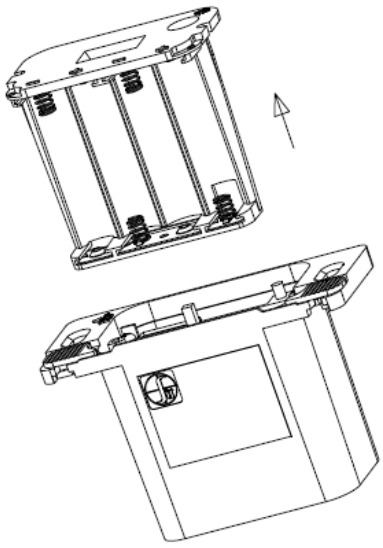
**STEP 3**

The battery compartment will be pushed out slightly, to allow to easily extract it



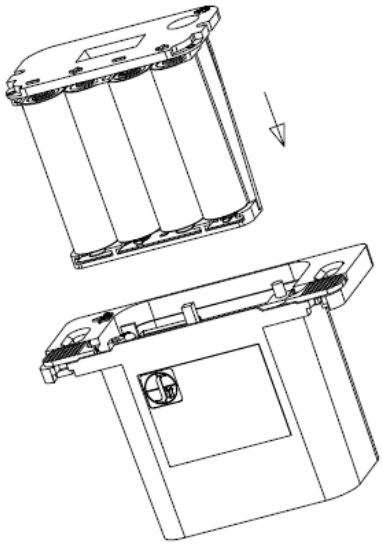
**STEP 4**

Extract the battery compartment from the remote receiver/battery holder



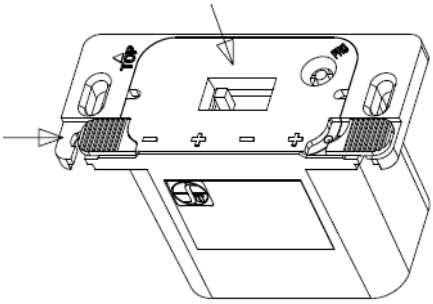
**STEP 5**

Replace 4 x AA batteries and insert the battery compartment back into remote receiver/battery holder

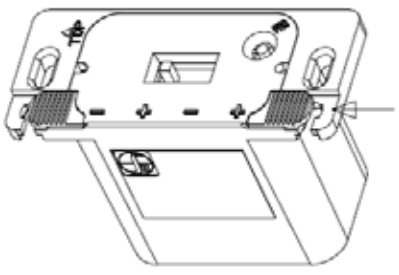


**STEP 6**

Keeping the battery compartment pressed in, close the left slide



**STEP 7** Close the right slide



**STEP 8**

Reinstall wall cover plate with 2 Phillips had screws.

## Gas Installation Checklist

This general checklist does not contain all pertinent installation details or specifics and does not supersede the guidelines in this manual. Your Regency dealer/installer should use it in conjunction with manual instructions. Please follow all local codes and jurisdictions in authority.

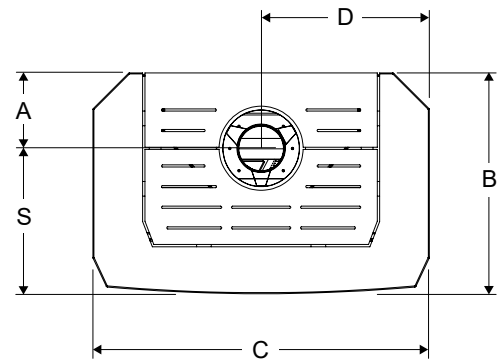
| | | | |
|---|---|---|---|
| **Customer:** | | **Date Installed:** | |
| **Install Address:** | | **Location of Fireplace:** | |
| **Serial No:** | | **Installer:** | |
| **Model No:** | | | |

| **Site Requirements** | **YES** | **NO** |
|---|---|---|
| If applicable, are the insulation, vapour barrier, and drywall present if installed on an outside wall or chase? | | |
| Does the area have a solid continuous base to support the unit? | | |
| Will the area accommodate the size of the applliance and all clearances? | | |
| Are the gas and electrical roughed into the area where the unit is being installed? | | |
| In City & Grandview series cool wall applications, is the chase enclosure sealed to prevent heat from escaping? All hot air from the unit must exit via the mandatory ventilation openings. | | |
| In City & Grandview applications, Is the chase enclosure vented with the mandatory heat ventilation openings? See manual for details. | | |
| If applicable, is the masonry/factory built freplace in its original condition with no modifications? | | |
| If applicable, have the hearth requirements been met? | | |
| **Unit Setup** | **YES** | **NO** |
| If applicable, are the standoffs and top nailing flange extensions installed and at the correct depth to accommodate finishing material? See manual for details. | | |
| If applicable, is the fireplace level and secured, meeting framing clearances? See manual for details. | | |
| If applicable, is the unit converted to top or rear vent per manual instructions, and the insulation discarded? | | |
| **Venting** | **YES** | **NO** |
| Are the venting components approved for the unit installed? | | |
| Does the venting configuration comply with venting diagrams? | | |
| Is venting installed and secured, and are clearances for the vent pipe and termination cap maintained? | | |
| If applicable, was a 1/4" rise maintained for every foot of horizontal run? | | |
| Was the termination installed and sealed? | | |
| Is the direct vent termination at the highest point in the vent assembly? | | |
| If applicable, are both chimney liners continuous from flue collars to termination? | | |
| **Electrical and Wiring** | **YES** | **NO** |
| Is the appliance connected to the household's 110/120v per local codes? Check local codes for receptacle placement. | | |
| Were the connections in the fireplace tested with a circuit tester? | | |
| Is the appliance properly grounded? | | |
| If applicable, is the supplied electrical/gang box affixed to the wall to facilitate the mounting of the receiver/battery box ? | | |
| If applicable, is all electrical, Ethernet, HDMI, networking, optical, wire/cables, conduits, etc. run through the wood or steel stud work as wires/cables of any kind cannot be exposed directly above or over the fireplace? | | |
| **Gas** | **YES** | **NO** |
| Does the supply pressure meet the requirements shown on the rating plate? | | |
| Was a conversion performed? | | |
| Was a leak check performed and manifold pressures verified? | | |

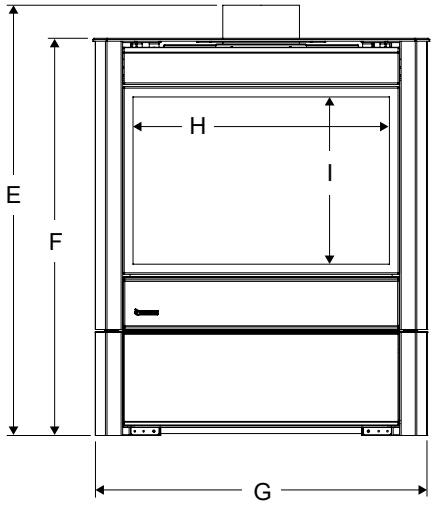
| | | |
|---|---|---|
| Is the shut-off valve installed and easily accessible to the customer? | | |
| **Finishing** | **YES** | **NO** |
| If applicable, is only noncombustible material installed in the noncombustible areas? | | |
| Do clearances meet installation and manual requirements? | | |
| Do the mantels and/or projections comply with the installation manual? | | |
| If applicable, was the solid fuel fireplace warning plate installed? | | |
| Is the chase enclosure fully open the full width, height and depth above the fireplace as per the requirements noted in the framing section? | | |
| **Appliance Media Setup** | **YES** | **NO** |
| Do commands from the remote or wall switch light the pilot and main burner? | | |
| Are the burner media/log set, glass door, and screen installed per instructions in the manual? | | |
| Was the air shutter on the proper setting after running the unit for 20 minutes? | | |
| If applicable, were the surround and trims installed according to the manual? | | |
| Was the operation of the fan, lights (if installed), and flame modulation checked? | | |
| **Customer Tutorial and Presentation** | **YES** | **NO** |
| Is the customer confident operating the new gas appliance and aware of all the features on the remote? | | |
| Confirm that the rating and lighting plates are attached to the appliance. Do not remove. | | |
| Was the customer informed of the location of the rating and lighting plates? | | |
| Was accessing unit controls in a power outage explained to the customer? | | |
| Are the model and serial numbers and the date of installation of the unit written in the manual and on the checklist? | | |
| Were the warranty and unit registration reviewed with the customer? | | |
| **Comments:** | | |
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| | | |
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| | | |

## GS33E Dimensions with Pedestal

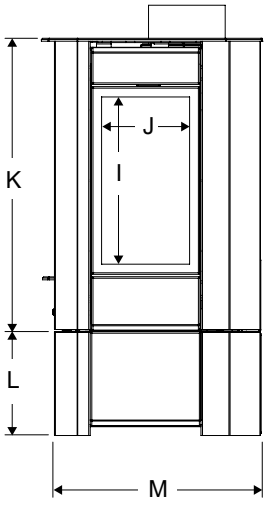
TOP



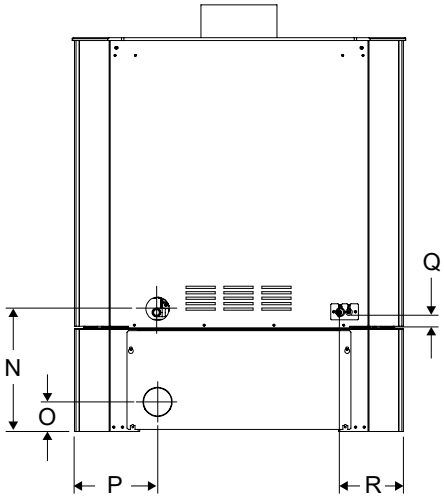

FRONT




SIDE




BACK




NOTE: Heights listed are with leveling feet at minimum height.
Length of 120 volt power cord is 78" (1.98 m).

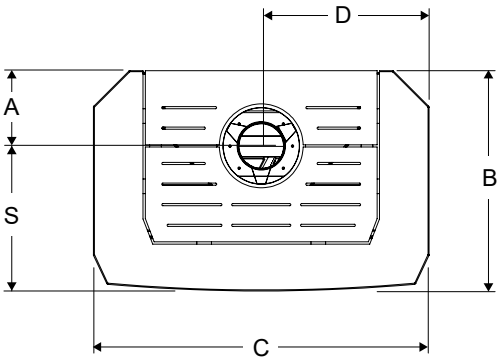
| Letter | Description | Dimensions (inches) | Dimensions (mm) |
|---|---|---|---|
| A | Flue Center Back | 6-7/16" | 163 mm |
| B | Overall Depth | 18-13/16" | 478 mm |
| C | Overall Width | 28-11/16" | 728 mm |
| D | Flue Center Side | 14-5/16" | 364 mm |
| E | Overall Height | 36-15/16" | 939 mm |
| F | Stove Height | 34-3/16" | 868 mm |
| G | Stove Width | 28-1/4" | 717 mm |
| H | View Area Width | 21-5/8" | 550 mm |
| I | View Area Height | 14-1/4" | 362 mm |

| Letter | Description | Dimensions (inches) | Dimensions (mm) |
|---|---|---|---|
| J | View Area Width | 7-1/2" | 190 mm |
| K | Stove Height | 25" | 635 mm |
| L | Pedestal Height | 9-3/16" | 233 mm |
| M | Stove Depth | 17-5/8" | 447 mm |
| N | Opening Center Height | 11-1/16" | 280.5 mm |
| O | Opening Center Height | 3-3/16" | 72.5 mm |
| P | Opening Center Side | 7-1/8" | 181 mm |
| Q | Power Cord Center Height | 15/16" | 24 mm |
| R | Power Cord Center Side | 5-1/2" | 140 mm |
| S | Flue Centerline Front | 12-3/8" | 314 mm |

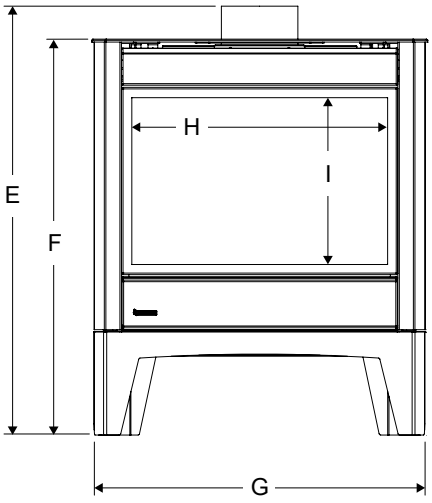
**ALL PICTURES / DIAGRAMS SHOWN THROUGHOUT THIS MANUAL ARE FOR ILLUSTRATION PURPOSES ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENTS.**

## GS33E Dimensions with Legs

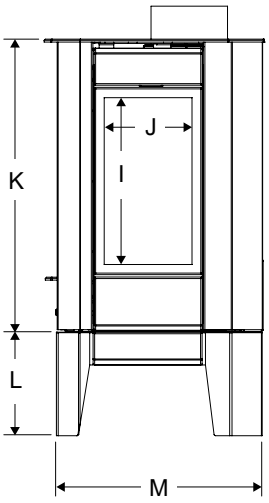
TOP



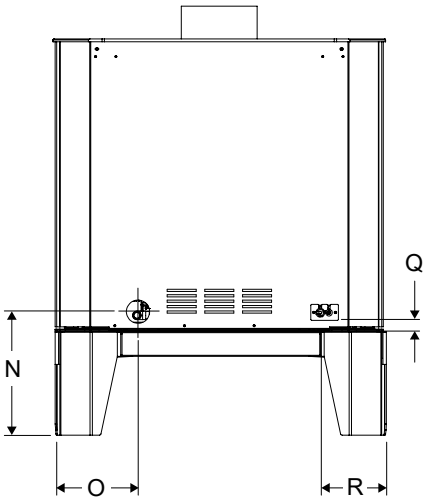

FRONT




SIDE




BACK




NOTE: Heights listed are with leveling feet at minimum height.
Length of 120 volt power cord is 78" (1.98 m).

| Letter | Description | Dimensions (inches) | Dimensions (mm) |
|---|---|---|---|
| A | Flue Center Back | 6-7/16" | 163 mm |
| B | Overall Depth | 18-13/16" | 478 mm |
| C | Overall Width | 28-11/16" | 728 mm |
| D | Flue Center Side | 14-5/16" | 364 mm |
| E | Overall Height | 36-15/16" | 939 mm |
| F | Stove Height | 34-3/16" | 868 mm |
| G | Stove Width | 28-1/4" | 717 mm |
| H | View Area Width | 21-5/8" | 550 mm |
| I | View Area Height | 14-1/4" | 362 mm |

| Letter | Description | Dimensions (inches) | Dimensions (mm) |
|---|---|---|---|
| J | View Area Width | 7-1/2" | 190 mm |
| K | Stove Height | 25" | 635 mm |
| L | Leg Height | 9-3/16" | 233 mm |
| M | Stove Depth | 17-5/8" | 447 mm |
| N | Opening Center Height | 11-1/16" | 280.5 mm |
| O | Opening Center Height | 2-9/16" | 64.5 mm |
| P | Opening Center Side | 7-1/8" | 181 mm |
| Q | Power Cord Center Height | 15/16" | 24 mm |
| R | Power Cord Center Side | 5-1/2" | 140 mm |
| S | Flue Centerline Front | 12-3/8" | 314 mm |

**ALL PICTURES / DIAGRAMS SHOWN THROUGHOUT THIS MANUAL ARE FOR ILLUSTRATION PURPOSES ONLY. ACTUAL PRODUCT MAY VARY DUE TO PRODUCT ENHANCEMENTS.**

# Owner's Information

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. The safety label is located on the inside of the drop down pedestal door.

NOTE: Regency® 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 for GS33E Gas Stove

Duplicate serial # **628**

Intertek C# 4001172

**Listed: VENTED GAS FIREPLACE HEATER / FOYER AU GAZ À ÉVACUATION**
**Certified to/Certifié :** ANSI Z21.88-2019 (R2024) • CSA 2.33-2019 (R2024)
CSA 2.17-2017 (R2022)
**MAY BE INSTALLED IN MANUFACTURED (MOBILE) HOMES AFTER FIRST SALE**
Refer to Intertek's Directory of Building Products for detailed information.
Pour plus de détails, se reporter au Répertoire des produits de construction de Intertek.

DO NOT REMOVE THIS LABEL / NE PAS ENLEVER CETTE ÉTIQUETTE **628**

REGENCY FIREPLACE PRODUCTS

**Serial No./No de série**

Model/Modèle : GS33E-NG

| NATURAL GAS: Model GS33E-NG | | | GAZ NATUREL : Modèle GS33E-NG |
|---|---|---|---|
| Maximum supply pressure | 14 | WC/C.E. (3.45 kPa) | Pression d'alimentation maximale |
| Minimum supply pressure | 5" | WC/C.E. (1.25 kPa) | Pression d'alimentation minimale |
| Manifold pressure High | 3.5" | WC/C.E. (0.87 kPa) | Pression manifold élevée |
| Manifold pressure Low | 1.6" | WC/C.E. (0.40 kPa) | Pression manifold basse |
| Orifice size | #32 | DMS | Dimension de l'orifice |
| Altitude | 0-4,500 | ft/pi (0-1370 m) | Altitude |
| Maximum Input | 38,000 | Btu/ (11.1 kWh) | Débit calorifique maximal |
| Minimum Input | 26,000 | Btu/h (7.61 kWh) | Débit calorifique minimal |

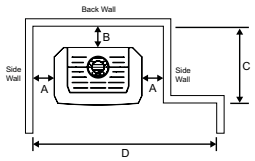
Model/Modèle : GS33E-LP

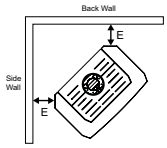
| PROPANE GAS: | | Model GS33E-LP | PROPANE : Modèle GS33E-LP |
|---|---|---|---|
| Maximum supply pressure | 14" | WC/C.E. (3.45 kPa) | Pression d'alimentation maximale |
| Minimum supply pressure | 11" | WC/C.E. (2.74 kPa) | Pression d'alimentation minimale |
| Manifold pressure High | 10" | WC/C.E. (2.49 kPa) | Pression manifold élevée |
| Manifold pressure Low | 6.4" | WC/C.E. (1.59 kPa) | Pression manifold basse |
| Orifice size | #50 | DMS | Dimension de l'orifice |
| Altitude | 0-4,500 | ft/ (0-1372 m) | Altitude |
| Maximum Input | 36,000 | BTU/ (10.55 kWh) | Débit calorifique maximal |
| Minimum Input | 29,000 | BTU/ (8.50 kWh) | Débit calorifique minimal |

**Minimum Clearances to Combustibles**
**Dégagements minimaux aux matériaux combustibles**

| | | |
|---|---|---|
| A | 12" | /305 mm |
| B | 4" | /102 mm |
| C | 23" | /585 mm |
| D | 84" | /2134 mm |
| E | 4" | /102 mm |

**Min. Ceiling Height from top of unit / Min. Plafond**
**Hauteur depuis le haut de l'appareil:**
**36" / 914 mm**




**ELECTRICAL SUPPLY/ALIMENTATION ÉLECTRIQUE**
**115V_60HZ less than/Moins de 2 AMP.**

FPI Fireplace Products International Ltd. Delta, BC, Canada
Made in Canada / Fabriqué au Canada

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. 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/NCSBCS A225.1/NFPA 501A, Manufactured Home Installations Standard or ANSI A119.2 or NFPA 501C Standard for Recreational Vehicles.
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. Fan (Part# 910-331/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. 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, se reporter à la norme ANSI/NCSBCS A225.1/NFPA 501A, Manufactured Home Installations Standard, ou ANSI A119.2 ou NFPA 501C Standard for Recreational Vehicles.
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 mobile installée à demeure si les règlements locaux le permettent. Voir le manuel d'utilisation pour plus de renseignements. Ventilateur (Pièce n° 910/331/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.
For use with glass doors certified with the appliance only. À utiliser uniquement avec les portes vitrées certifiées avec l'appareil.
**For Use Only with Barrier Part #711-072/P (Front) & 711-073/P (Sides) Follow installation instructions.**
**Utiliser uniquement avec l'écran de sécurité n° 711-072/P (avant) et n° 711-073/P (côtés). Suivre les consignes d'installation.**

**VENTED GAS FIREPLACE HEATER - NOT FOR USE WITH SOLID FUELS. CATEGORY I. FOYER AU GAZ À ÉVACUATION - NE PAS UTILISER AVEC UN COMBUSTIBLE SOLIDE. CATÉGORIE I.**

Intertek EP5011169 — CANADIAN ENERGY PERFORMANCE VERIFIED — RENDEMENT ÉNERGÉTIQUE VÉRIFIÉ

CSA P.4.1 Fireplace Efficiency (FE) /Efficacité énergétique des foyers (EEF) CSA P.4.1
Natural Gas / Gaz naturel 58.58 %
Propane Gas / Gaz propane 57.58%

920-916

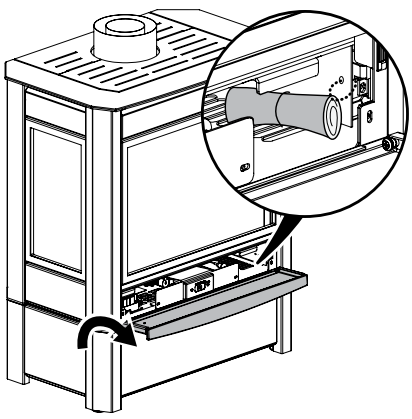
For the State of Massachusetts, installation and repair must be done by a plumber or gas fitter licensed in the Commonwealth of Massachusetts.

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.

## Decal location



Open the front door and locate the serial decal located on the right side of the unit, rolled up (see image). The serial # will be 9 digits beginning with prefix of 628.

IMPORTANT: DO NOT REMOVE FROM THE UNIT. THIS MUST REMAIN WITH APPLIANCE AT ALL TIMES.

## Important Message

**SAVE THESE INSTRUCTIONS**

The ATMOSPHERE 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:**GS33E-NG is approved for use with natural gas.

GS33E-LP is approved for use with liquefied petroleum gases (propane).

**Electrical:** 115V A.C. system.

**Circulation Fan:** Variable speed, 125/75.

**Log Sets:** Ceramic fibre, Oak/Birch 10 per set, Driftwood 8 per set.

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

## Information For Mobile/ Manufactured Homes After First Sale

This Regency® product has been tested and listed by Warnock Hersey/Intertek as a Vented Gas Fireplace Heater to the following standards: CSA 2.17 and ANSI Z21.88/CSA 2.33.

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 CSA B149 .1 Gas Installation Code and the current Canadian Electrical Code CSA C22.1 in Canada.

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

This Regency® 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 (mobile) home, where not prohibited by local codes.**

**This appliance is only use with the type of gas indicated on the rating plate. This appliance is not convertible for use with 1 space indent certified kit is used.**

1. Provide adequate clearances for servicing, proper operation and around the air openings into the combustion chamber.

2. The appliance may 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 metal pedestal 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 as listed in the "Locating Your Ultimate Gas Stove" section. This unit is approved for manufactured home installations, see "Rigid Pipe Venting Arrangements" 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.

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 **serviced 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.

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 "Locating Your Ultimate Gas Stove" 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.

10. Under no circumstances should this appliance be modified. Parts that have to be removed for servicing should be replaced prior to operating this appliance.

11. The appliance area must be kept clear and free of combustible materials, (gases and other flammable vapours and liquids).

12. Do not slam shut or strike the glass door.

13 Be aware of hot surfaces in front and around the fireplace & glass. Although safe, this can get very hot when the fireplace heats.

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

## Installation Checklist

1. Locate your appliance. Refer to the following sections:

    a. Locating Your Gas Stove
    b. Exterior Vent Termination Locations
    c. Clearance to Combustibles
    d. Combustion and Ventilation Air

2. Install Pedestal or Legs. Refer to "Pedestal or Leg Installation" section.
   **IMPORTANT: The appliance MUST be installed with either the optional pedestal or legs.**

3. Choose a venting option and install accordingly. Refer to the following sections where applicable:

a. DV Stove Horizontal Vent Kit Installation
b. Dura-Vent Termination Kit

4.Set vent restrictor (refer to vent charts) and install venting.

5.Make gas connections. Refer to "Gas Connection" section.

6.If necessary, see the "Conversion from NG to LPG" section.

Test the pilot. Must be as per diagram. Refer to "Pilot Adjustment" section.

7.Test Gas Pressure. Refer to "Gas Pipe Pressure Testing" section.

8.Install standard and optional features. Refer to the following sections where applicable:

    a. Log Set
    b. Front Door
    c. Wall Thermostat
    d. Remote Control
    e. Safety Screen
    f. 4-AA batteries into battery holder (Optional) Used if there is a power outage.

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 15-20 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.

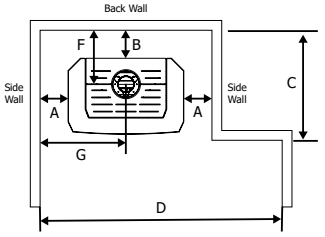
Use the minimum clearances shown in the diagrams below:

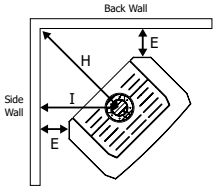
## GS33E-NG/GS33E-LP Clearances

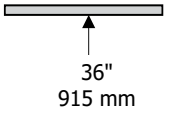
| | |
|---|---|
| A Side Wall to Unit | 12" / 305 mm |
| B Back Wall to Unit | 4" / 102 mm |
| C Back Wall to Side Wall Front | 23" / 585 mm |
| D Alcove Width | 84" / 2134 mm |
| E Side Wall to Unit Corner | 4" / 102 mm |

## GS33E-NG & GS33E-LP Reference Dimensions

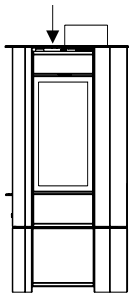
| | | |
|---|---|---|
| F | Back Wall to Flue Centerline | 10-7/16" (265 mm) |
| G | Side Wall to Flue Centerline | 26-5/16" (668 mm) |
| H | Back Wall Corner To Flue Centerline | 23-1/16" (586 mm) |
| I | Side Wall to Flue Centerline | 16-5/16" (414 mm) |




Minimum ceiling height from top of unit.



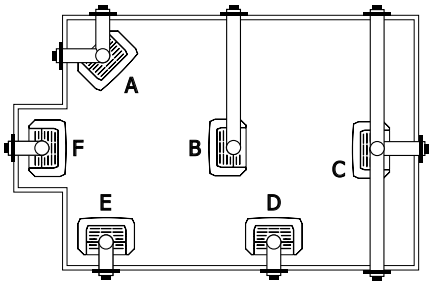
## GS33E Pipe Clearances

| | |
|---|---|
| Horizontal Top | 2" / 51 mm |
| Horizontal Sides | 1-1/2" / 38 mm |
| Horizontal Bottom | 1" / 25 mm |
| Vertical | 1-1/4" / 32 mm |

## Locating Your Atmosphere 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



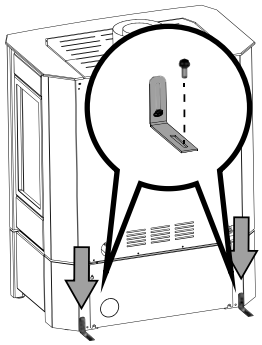

For Vent Termination requirements, see "Exterior Vent termination Locations" section.

## Mobile Home

**Pedestal Anchoring**

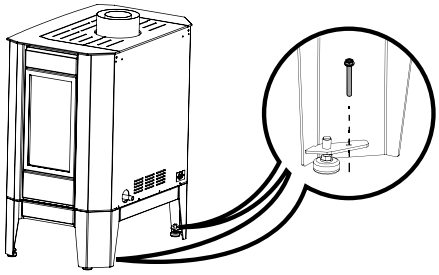
1. Fasten two brackets (Part #666-118) to the rear side of the pedestal using the existing screws.

2. Secure the pedestal to the floor using deck screws (Not included).



**Legs Anchoring**

Secure the legs directly to the floor using deck screws (not included).



## 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.**

## Venting Introduction

The DV Stove Horizontal Vent Kit and the Simpson Dura-Vent Direct Vent, venting systems, in combination with the Direct Vent Freestanding Gas Stove, GS33E-NG and GS33E-LP, have been tested and listed as Direct Vent heater systems by Warnock Hersey/Intertek. If converting a Class-A Metal Chimney to a Direct Vent system, see instructions in "Converting a Class-A Metal Chimney to a Direct Vent System" section.

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.

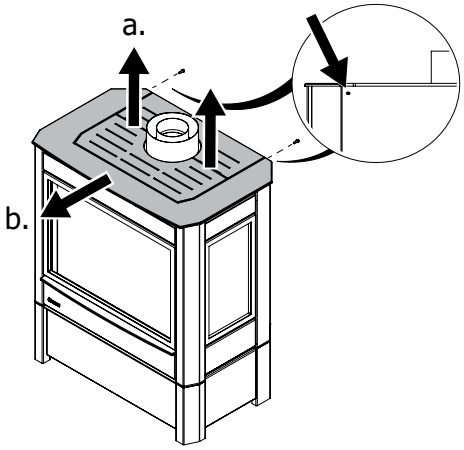
The location of the termination cap must conform to the requirements in the "Exterior Vent Terminal Locations" section.

## Top Removal

a. Remove the unit's top front and rear pieces. There will be a total of 2 pieces.

b. Remove the x2 screws at the back of the unit as shown. Proceed to remove the top front outer chamfered piece.

If also converting this appliance to LP, it would be beneficial to replace the stepper motor while this appliance is on its back. See LP instruction sheet and follow steps when replacing the stepper motor.

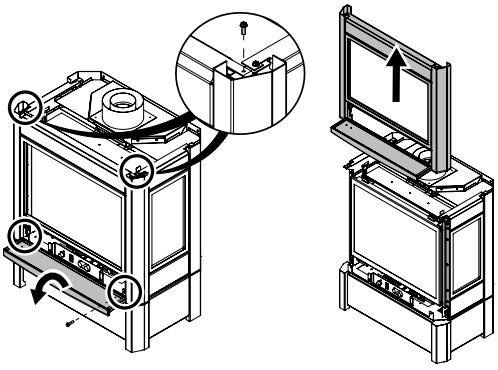



## Front Assembly Removal

1. Remove the front frame assembly by removing the x2 screws at the top of the unit as shown.

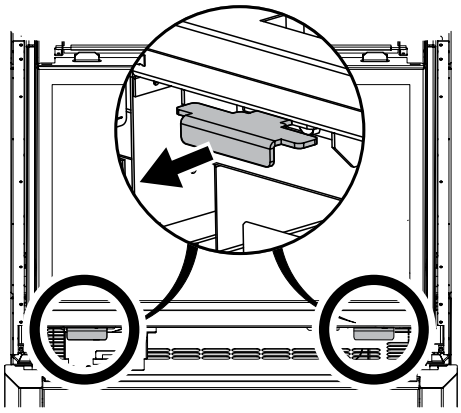
2. Open the front door and remove the x2 screws securing the rest of the assembly.

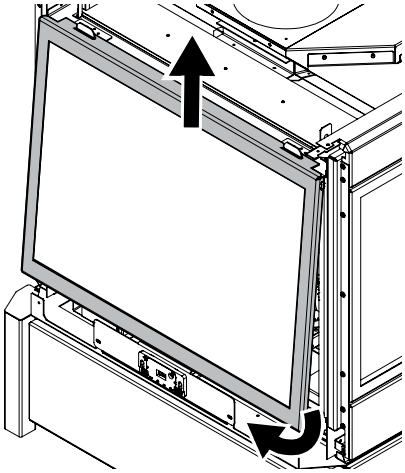
3. Lift up and towards you and then put to the side. Lay removed assembly on a blanket.



## Front Glass Removal

1. Remove the front glass door by pulling and disengaging the 2 spring latches securing the door. Carefully lift up the door to get access to the inside of the firebox. Put front glass door to the side and lay on a blanket.





## Base Assembly Installation

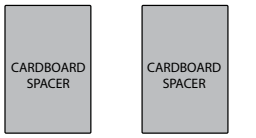
**These instructions are for use with the following products:**

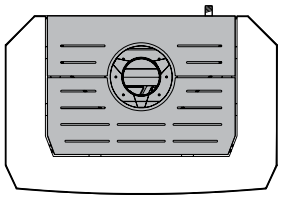
| Part # | Description |
|---|---|
| 711-911 | Legs |
| 711-915 | Pedestal |

**NOTES**

- It is advised that two people assist with the assembly of the pedestal or legs base.
- Make sure the unit is not connected to any gas source, electric source and also not connected to any venting.
- If doing an LP conversion on the unit, it is advisable to swap the stepper motor out at this time as you will have full access to the valve access panel located on the underside of the unit.
- Make sure the unit does not have any logs set and or media installed prior to proceeding with these instructions.

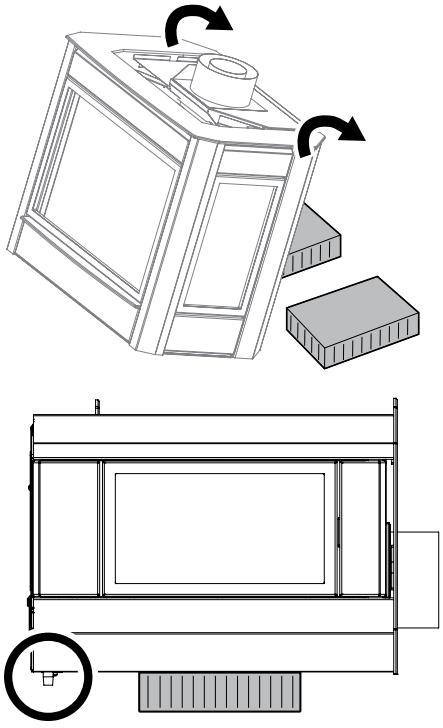
1. For easier assembly, remove the cardboard spacers 2x from the top of the unit and place them behind the unit, in-line with its width. Also, remove the unit's firebox top front and back parts highlighted below.



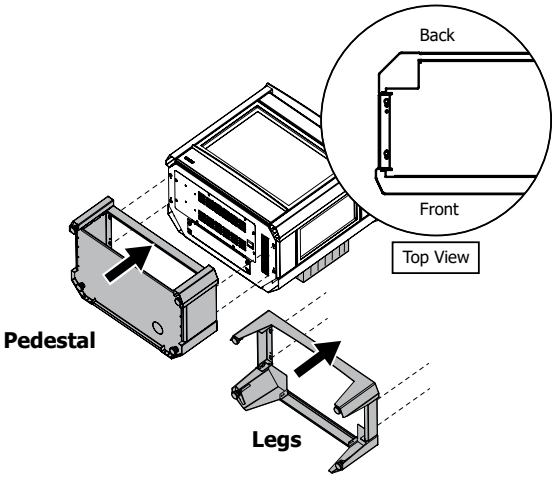



TOP VIEW

2. Carefully tip the unit onto its back, placing it on the cardboard spacers. Make sure the unit's gas pipe is lifted and not touching the ground.

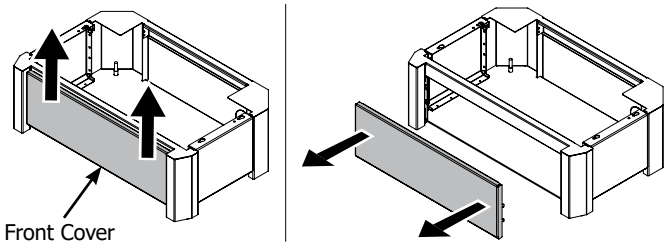


3. Depending on the base purchased, follow steps below to install either the pedestal and or legs.

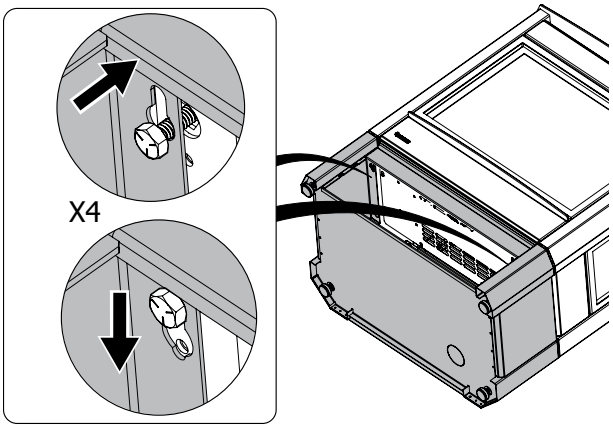



**NOTES**

For the pedestal option, remove the front cover before proceeding. See below.




4. Loosen all 4 1/4 x20 Hex head bolts located on the underside of the unit base before proceeding.
   Using the keyholes located on the chosen bases, secure the base to the unit using the 4 loosened 1/4-20 hex heads as your guide. Once all 4 key holes slots/bolts line up pull downward to lock it into position. See below diagram. Ensure that prior to thightening the bolts that the base is centered both front to back and side to side. Fully tighten the 4x hex bolts.




5. Carefully, tip the unit with the base installed back up.

   Ensure the unit is stable. Both bases have leveling legs to stabilize if required.

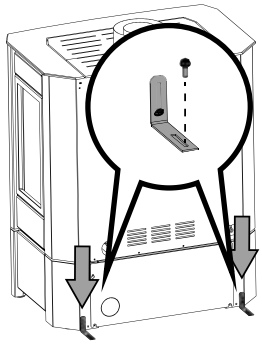
If appliance is being installed into a mobile home, follow steps below.

## Mobile Home

### Pedestal Anchoring

1. Fasten two brackets (Part #666-118) to the rear side of the pedestal using the existing screws.

2. Secure the pedestal to the floor using deck screws (Not included).



## Vent Restrictor Installation

1. Determine the venting configuration.
   NOTE: No restrictor plate installed from the factory. The settings plate is found in the manual package.

2. Go the venting arrangements section (in the manual) to determine if a vent restrictor setting is required. (If required, follow the steps in the manual for removing the unit tops, front assembly and front glass, belore proceeding to Step 3.)

3. Locate the restrictor plate location as shown in diagram 1 and align the restrictor plate to the required vent restrictor position as per the diagram 2 shown below.

4. Once the vent restrictor plate is in the required position, fasten it to the top of the unit using the two provided screws, on the left and right sides. Ensure all the screws are tight, but do not over tighten.

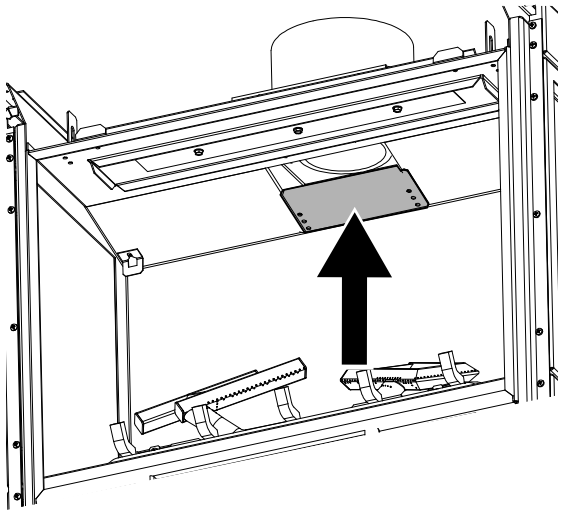


*Diagram 1*

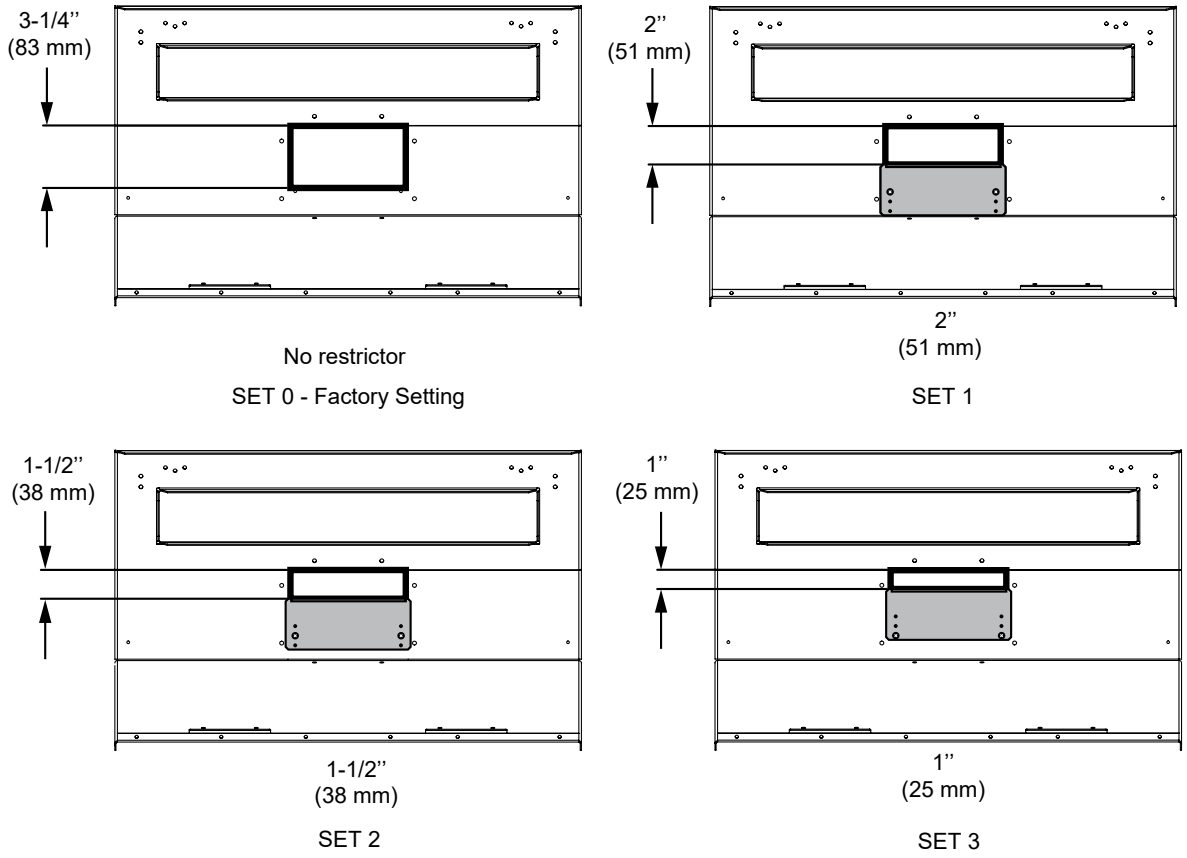
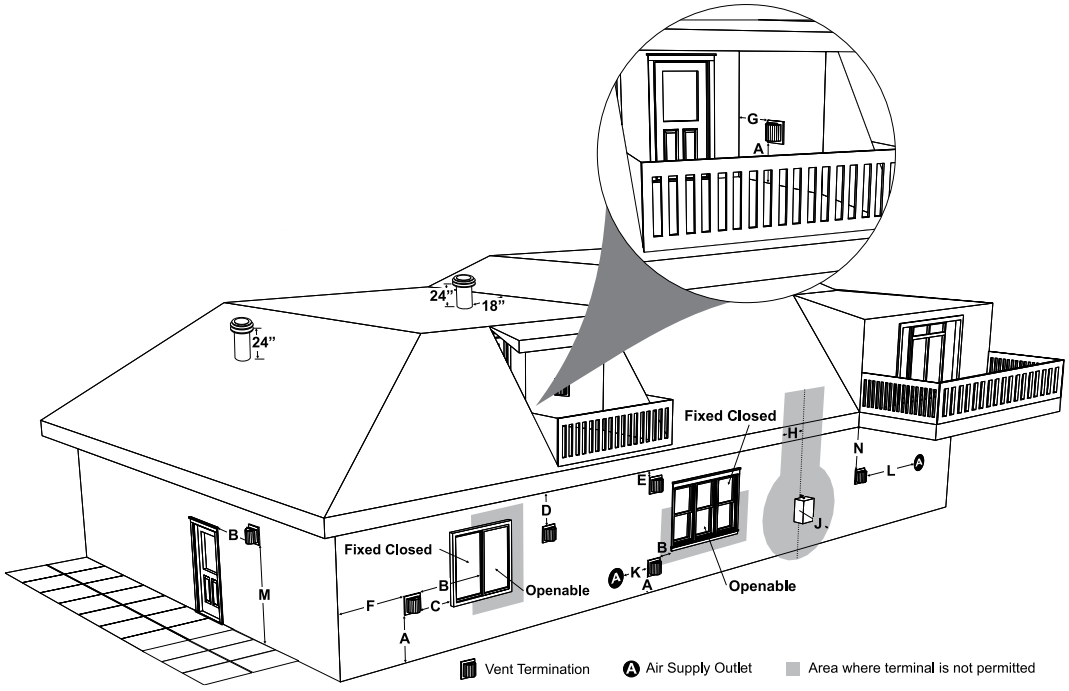



*Diagram 2*

## Exterior Vent Terminal Locations




| | Minimum Clearance Requirements | Canada[1] | USA[2] |
|---|---|---|---|
| **A** | Clearance above grade, veranda, porch, deck, or balcony | 12" (30 cm) | 12" (30 cm) |
| **B** | Clearance to window or door that may be opened | 12" (30 cm) | 9" (23 cm) |
| **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) | Dura Vent 18" (46 cm)<br>Other Approved Caps 22" (56 cm) | |
| **E** | Clearance to unventilated soffit | 18" (46 cm) | 18" (46 cm) |
| **F** | Clearance to outside corner: with ***AstroCap*** Termination Cap. | 6" (15 cm) | 6" (15 cm) |
| | Clearance to outside corner: with all other approved Termination Caps. | 12" (30 cm) | 12" (30 cm) |
| **G** | Clearance to inside corner: with ***AstroCap*** Termination Cap | 8" (20 cm) | 8" (20 cm) |
| | Clearance to inside corner: with all other approved Termination Caps. | 12" (30 cm) | 12" (30 cm) |
| **H** | Clearance to each side of center line extended above meter/regulator assembly | 36" (90 cm)[a] | * |
| **J** | Clearance to service regulator vent outlet | 36" (90 cm) | * |
| **K** | Clearance to non-mechanical air supply inlet to building or the combustion air inlet to any other appliance | 12" (30 cm) | 9" (23 cm) |
| **L** | Clearance to a mechanical air supply inlet - 3' (91cm) above if within 10' (3m) horizontally. | 72" (1.8 m) | 36" (90 cm)[b] |
| **M** | Clearance above paved sidewalk or a paved driveway located on public property | 84" (2.1 m)† | * |
| **N** | Clearance under veranda, porch, deck, or balcony | 12" (30 cm)‡ | * |

[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

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 | *Olympia Ventis DV*** |
|---|---|---|---|---|---|---|---|
| 6" Pipe Length-Galvanized | 46DVA-06 | 4DT-6 | N/A | 4D6 | SV4L6 | TC-4DL6 | VDV-0406 |
| 6" Pipe Length-Black | 46DVA-06B | 4DT-6B | N/A | 4D6B | SV4LB6 | TC-4DL6B | VDVB-0406 |
| 7" Pipe Length-Galvanized | N/A | N/A | 4D7 | N/A | N/A | N/A | N/A |
| 7" Pipe Length-Black | N/A | N/A | 4D7B | N/A | N/A | N/A | N/A |
| 9" Pipe Length-Galvanized | 46DVA-09 | 4DT-9 | N/A | N/A | N/A | TC-4DL9 | VDV-0409 |
| 9" Pipe Length-Black | 46DVA-09B | 4DT-9B | N/A | N/A | N/A | TC-4DL9B | VDVB-0409 |
| 12" Pipe Length-Galvanized | 46DVA-12 | 4DT-12 | 4D12 | 4D12 | SV4L12 | TC-4DL1 | VDV-0412 |
| 12" Pipe Length-Black | 46DVA-12B | 4DT-12B | 4D12B | 4D12B | SV4LB12 | TC-4DL1B | VDVB-0412 |
| 18" Pipe Length-Galvanized | 46DVA-18 | 4DT-18 | 4D18 | 4D18 | SV4LA | TC-4DL18 | VDV-0418 |
| 18" Pipe Length-Black | 46DVA-18B | 4DT-18B | 4D18B | 4D18B | SV4LA | TC-4DL18B | VDVB-0418 |
| 24" Pipe Length-Galvanized | 46DVA-24 | 4DT-24 | 4D24 | 4D24 | SV4L24 | TC-4DL2 | VDV-0424 |
| 24" Pipe Length-Black | 46DVA-24B | 4DT-24B | 4D24B | 4D24B | SV4LB24 | TC-4DL2B | VDVB-0424 |
| 36" Pipe Length-Galvanized | 46DVA-36 | 4DT-36 | 4D36 | 4D36 | SV4L36 | TC-4DL3 | VDV-0436 |
| 36" Pipe Length-Black | 46DVA-36B | 4DT-36B | 4D36B | 4D36B | SV4LB36 | TC-4DL3B | VDVCB-0436 |
| 48" Pipe Length-Galvanized | 46DVA-48 | 4DT-48 | 4D48 | 4D48 | SV4L48 | TC-4DL4 | VDV-0448 |
| 48" Pipe Length-Black | 46DVA-48B | 4DT-48B | 4D48B | 4D48B | SV4LB48 | TC-4DL4B | VDVB-0448 |
| 60" Pipe Length-Galvanized | 46DVA-60 | 4DT-60 | N/A | N/A | N/A | N/A | N/A |
| 60" Pipe Length-Black | 46DVA-60B | 4DT-60B | N/A | N/A | N/A | N/A | N/A |
| Adjustable Length 3"-10"-Galvanized | N/A | N/A | N/A | 4DAL | N/A | TC-4DLT | N/A |
| Adjustable Length 3"-10"-Black | N/A | N/A | N/A | 4DALB | N/A | TC-4DLTB | N/A |
| Adjustable Length 7)-Galvanized | N/A | N/A | 4D7A | N/A | N/A | N/A | N/A |
| Adjustable Length 7"-Black | N/A | N/A | 4D7AB | N/A | N/A | N/A | N/A |
| Extension Pipe 8-1/2"-Galvanized | 46DVA-08A | N/A | 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 | N/A |
| Adjustable Length 12"-Galvanized | N/A | N/A | 4D12A | N/A | SV4LA12 | TC-4dLSI | N/A |
| Adjustable Length 12"-Black | N/A | N/A | 4D12A | N/A | SV4LBA12 | TC-4dLSIB | N/A |
| Extension Pipe 16"-Galvanized | 46DVA-16A | N/A | 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 | N/A |
| 45° Elbow-Galvanized | 46DVA-E45 | 4DT-EL45 | 4D45L | N/A | N/A | TE-4DE45 | VDV-EL0445 |
| 45° Elbow-Black | 46DVA-E45B | 4DT-EL45B | 4DT-EL45B | N/A | N/A | TE-4DE45B | VDVB-EL0445 |
| 45° Elbow Swivel-Galvanized | See 46DVA-E45 | N/A | N/A | 4D45L | SV4E45 | N/A | N/A |
| 45° Elbow Swivel-Black | See 46DVA-E45B | N/A | N/A | 4D45LB | SV4EB45 | N/A | N/A |
| 90° Elbow-Galvanized | 46DVA-E90 | 4DT-EL90S | 4DT-EL90S | N/A | N/A | TE-4DE90 | VDV-EL0445 |
| 90° Elbow-Black | 46DVA-E90B | 4DT-EL90SB | 4DT-EL90SB | N/A | SV4EBR90-1 | TE-4DE90B | VDVB-EL0445 |
| 90° Elbow, Swivel-Galvanized | See 46DVA-E90 | N/A | N/A | 4D90L | SV4E90-1 | N/A | N/A |
| 90° Elbow, Swivel-Black | See 46DVA-E90B | N/A | N/A | 4D90LB | wSV4EB90-1 | N/A | N/A |
| 90° Starter Elbow, Swivel-Galvanized | N/A | N/A | N/A | 4D90A | N/A | N/A | N/A |
| Adaptor* | N/A | N/A | N/A | 4D90L | N/A | N/A | VDV-UAA04 |
| Ceiling Support | N/A | 4DT-CS | 4DSP | 4DFSP | SV4SD | TM4-RDS | VDV-SCR04 |
| Cathedral Support Box | 46DVA-CS | 4DT-CSS | 4DRSB | 4DRS | SV4CSB | TM4-SDS | VDV-CSS04 |
| Wall Support/Band | 46DVA-WS | 4DT-WS/B | 4DWS | 4DWS | SV4BM | TM-SWS | VDV-WS04 |
| Offset Support | 46DVA-ES | 4DT-OS | N/A | N/A | SV4SU | TM-SOS | N/A |
| Wall Thimble-Black | 46DVA-WT | 4DT-WT | 4DWT | 4DWT | SV4RSM | N/A | VDV-WPT04 |
| Wall Thimble Cover/Ceiling Support | 46DVA-DC | N/A | N/A | N/A | SV4PF | N/A | N/A |
| Firestop Spacer | 46DVA-FS | 4DT-FS | 4DFSP | 4DFS | SV4BF | TM-4CS | VDV-FS04 |
| Trim Plate-Black | N/A | 4DT-TP | 4DFPB | 4DcP | SV4LA | TM-4TP | VDV-WTC04 |

* Not available from Regency

| Description | Simpson Direct Vent Pro® | *Selkirk Direct Temp™ | *American Metal Products® Amerivent Direct | *Metal-Fab™ Sure Seal | *Security Secure- Vent® | *ICC Excel Direct | *Olympia Ventis DV*** |
|---|---|---|---|---|---|---|---|
| Attic Insulation Shield 12" | 46DVA-IS | N/A | 4DAIS12 | 4DIS | SV4RSA | N/A | VDV-AIS04 |
| Attic Insulation Shield - Cold Climates 36" | N/A | N/A | 4DAIS12 | N/A | N/A | TM-4AS | N/A |
| Basic Horizontal Termination Kit (A) | 46DVA-KHA | 4DT-HKA | 4DHTK2 | 4DHTKA | SV-SHK | TM4-HTK | VDV-KW04 |
| Horizontal Termination Kit (B) | N/A | 4DT-HKB | 4DHTK1 | 4DHTKB | SV-HK | TM4-HTK | VDV-K04 |
| Vertical Termination Kit | N/A | 4DT-VKC | 4DHTK | 4DHTK | SV-FK | N/A | N/A |
| High Wind Vertical Cap | 46DVA-VCH | N/A | N/A | N/A | N/A | TM-4VT | VDV-VCHW04 |
| High Wind Horizontal Cap | N/A | N/A | N/A | N/A | N/A | TM-4DHT | N/A |
| Horizontal Square Termination Cap | 46DVA-HC | 4DT-HHC | 4DHC | 4DHT | SV4CHC | TM-4HT | VDV-HC04 |
| Vertical Termination Cap | 46DVA-VC | 4DT-HVC | 4DVC | 4DVT | SV4CGV | N/A | N/A |
| Storm Collar | 46DVA-SC | 4DT-SC | 4DSC | 4DSC | SV4FC | TM-SC | VDV-SC04 |
| Flashing - Flat Roof | 46DVA-FF | N/A | N/A | N/A | N/A | N/A | N/A |
| Adjustable Flashing 0/12-6/12 | 46DVA-F6 | 4DT-ST14 | 4D12S | 4DF | SV4STC14 | TF-4FA | VDV-F0406 |
| Adjustable Flashing 6/12-12/12 | 46DVA-F12 | 4DT-ST36 | 4D36S | 4DF-12 | SV4STC36 | TF-4FB | VDV-SSO |
| Vinyl Siding Standoff | 46DVA-VSS | 4DT-VS | N/A | 4DVS | SV4VS | TM-VSS | N/A |
| Vinyl Siding Shield Plate | N/A | 4DT-VSP | N/A | N/A | SV4VS | N/A | N/A |
| Snorkel Termination 14” | 46DVA-SNK14 | N/A | N/A | N/A | N/A | TM-4ST14 | N/A |
| Snorkel Termination 36” | N/A | N/A | N/A | N/A | N/A | TM-4ST36 | N/A |
| Wall Firestop | 46DVA-WFS | N/A | N/A | N/A | N/A | TM-4TR | VDV-FS04 |

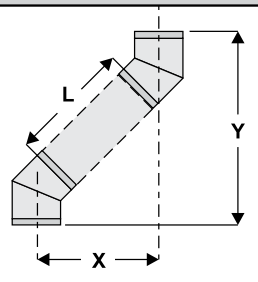
* Not available from Regency

| FPI | | | |
|---|---|---|---|
| 946-506/P | Vent Guard (Optional) for AstroCap | 946-205 | Vinyl Siding Shield for Riser Vent Terminal |
| | | 946-208/P | Vent Guard (Optional) for Riser Vent Terminal |
| 640-530/P | Riser Vent Terminal | 946-523/P | AstroCap Horizontal Cap |
| | | 946-206 | Vinyl Siding Standoff for AstroCap |

**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 already installed on the appliance.

**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) |



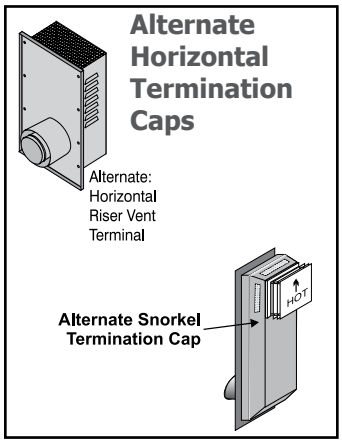

For specific instructions on venting components - visit the manufacturers website listed below.

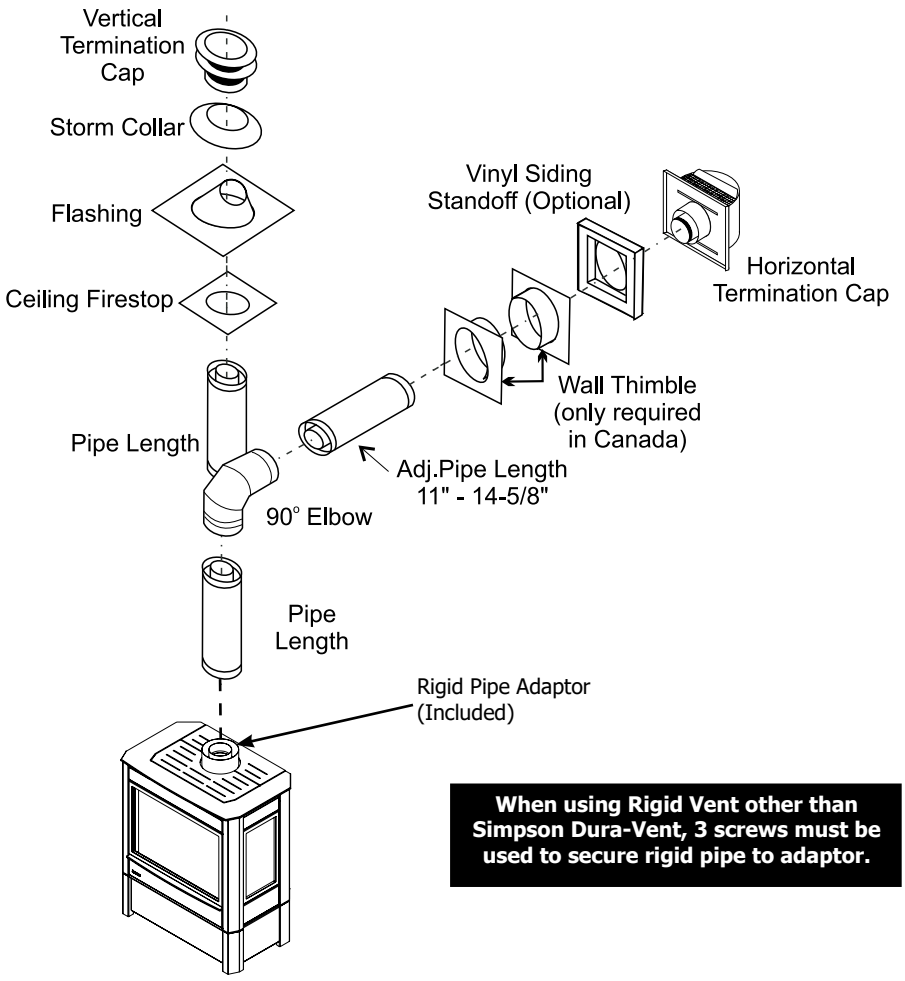
- Simpson Direct Vent Pro: www.duravent.com
- Selkirk Direct-Temp: www.selkirkcorp.com
- American Metal Products: www.americanmetalproducts.com
- Metal-Fab Sure Seal: www.mtlfab.com
- Security Secure Vent: www.securitychimneys.com
- Industrial Chimney Company: www.icc-rsf.com
- Olympia Ventis DV: www.olympiachimney.com

**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.**




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

**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 using a Rigid Pipe Adaptor in conjunction with Duravent Direct-Vent, Selkirk Direct-Temp, Ameri Vent Direct venting and Security Secure Vent systems. Use of these systems with the Rigid Pipe adaptor is deemed acceptable and does not affect the Intertek WHI listing of components.**

The FPI AstroCap™ and FPI Riser Vent terminal are certified for installations using FPI venting systems as well as Simpson Dura-Vent® Direct Vent, 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 are registered and/or proprietary trademarks of Simpson Dura-Vent Co. Inc.

## Installation Precautions

These venting systems are engineered products that have been designed and tested for use with the GS33E. 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 manufactured or approved by FPI Fireplace Products International Ltd.
4. Installation other than as instructed by 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 in your local building codes.

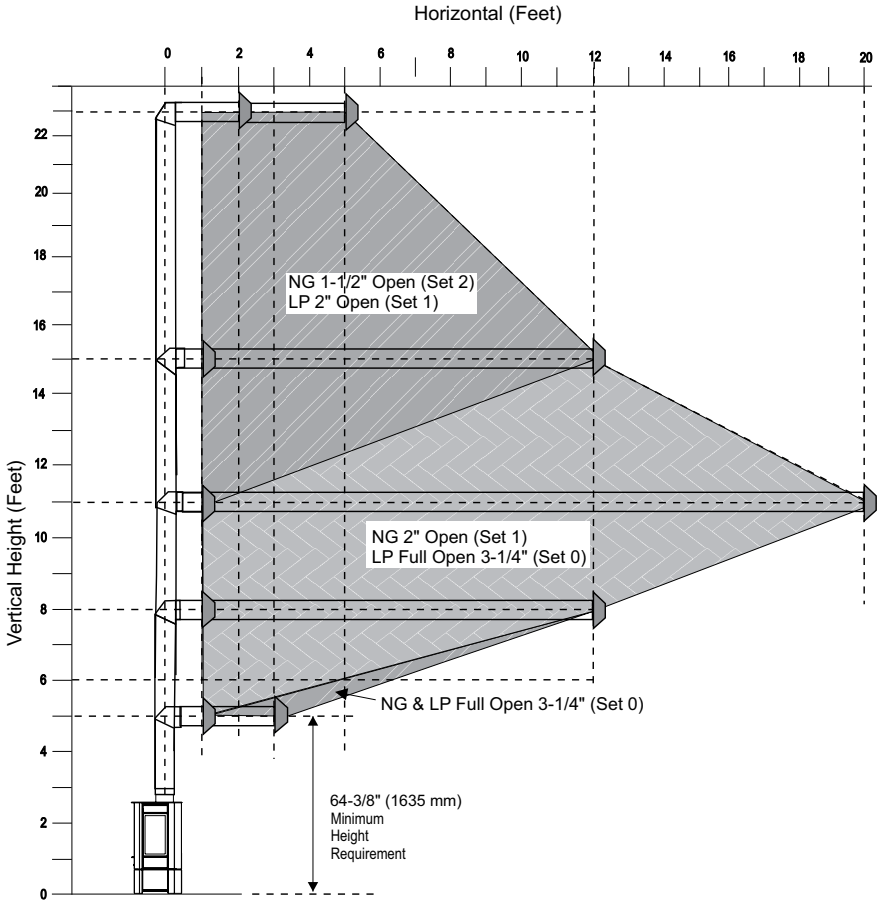
**The gas appliance and vent system must be vented directly to the outside of the building, and never be attached to a chimney serving a separate solid fuel or gas-burning appliance. Each Direct Vent gas appliance must use its own separate vent system. Common vent systems are prohibited.**

## 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 Arrangements - Horizontal Termination (Propane or Natural Gas)

The diagram shows all allowable combinations of vertical runs with horizontal terminations, using one 90° elbow (two 45° elbows equal one 90° elbow).




***All Rigid Pipe Systems***
***4" inner diameter***
***6-5/8" outer diameter***

***GS33E Pipe Clearances***

| | |
|---|---|
| Horizontal Top | 2" (51 mm) |
| Horizontal Sides | 1-1/2" (38 mm) |
| Horizontal Bottom | 1" (25 mm) |
| Vertical | 1-1/4" (32 mm) |

- Maintain clearances to combustibles.
- Horizontal vent must be supported every 3 feet.
- Firestops are required at each floor level and whenever passing through a wall.

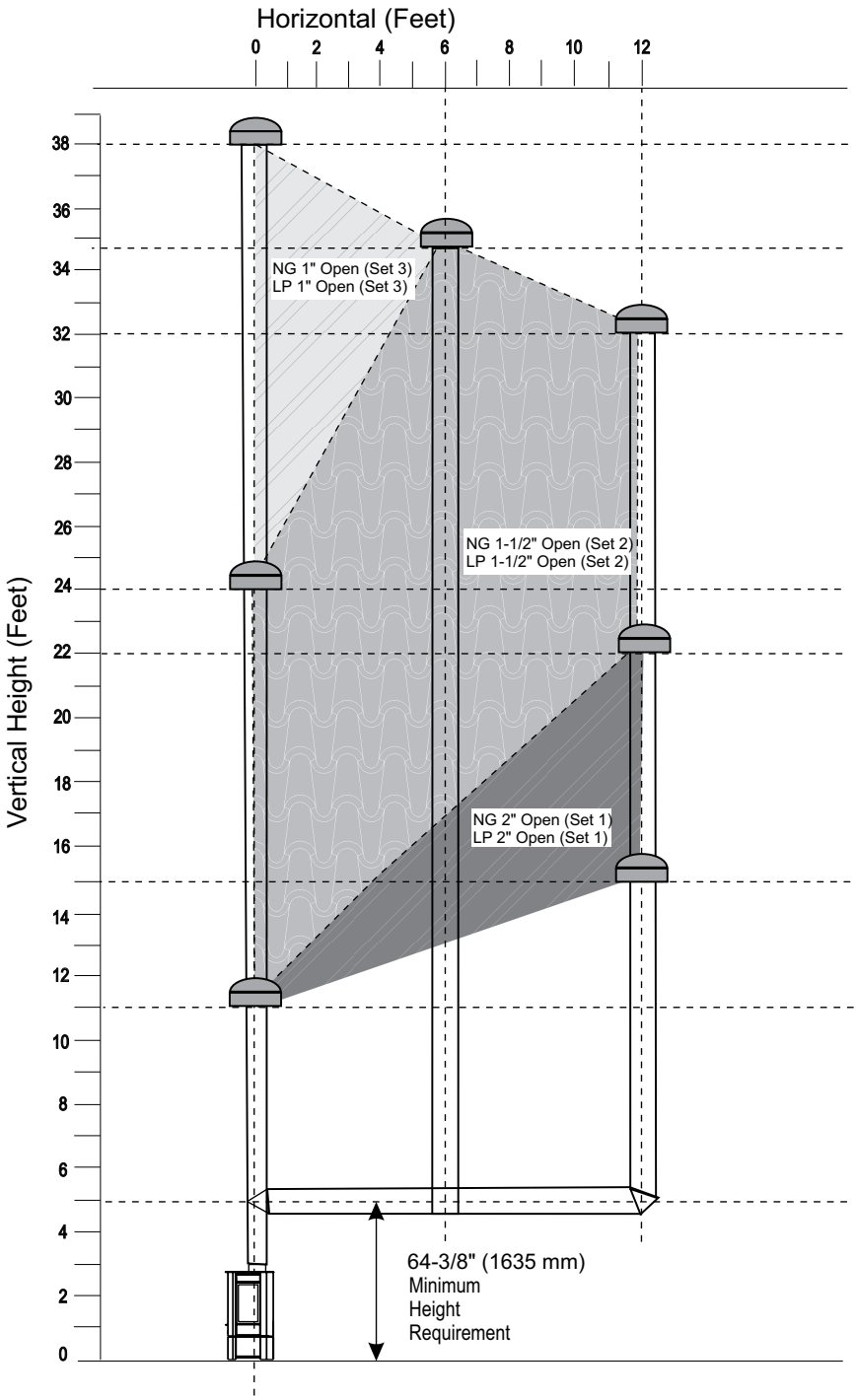
**Note: FPI DV Stove Horizontal Vent Kit 2 ft. (Part # 946-116) or 4 ft. (Part # 946-216) are approved for horizontal terminations. Only rigid pipe systems may be used.**

## Venting Arrangements Vertical Termination - Rigid Pipe System (Propane or Natural Gas)

The shaded area in the diagram shows all allowable combinations of straight vertical and offset to vertical terminations, using two 90° elbows, with rigid pipe vent systems for Propane and Natural Gas. Two 45° elbows equal a 90° elbow.

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

If the vent is ENCLOSED in a chase (min. size 9-1/8" (232 mm) x 9-1/8" (232 mm)) maintain a 1-1/4" (32 mm) clearance to combustibles.



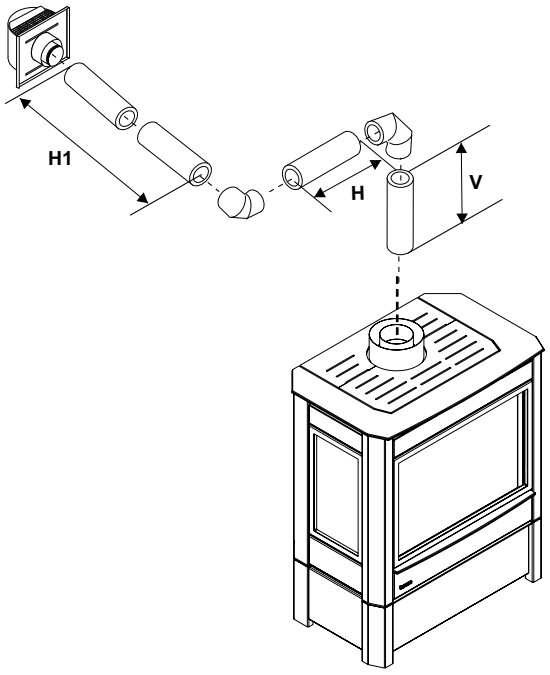

***GS33E Pipe Clearances***

| | |
|---|---|
| Horizontal Top | 2" (51 mm) |
| Horizontal Sides | 1-1/2" (38 mm) |
| Horizontal Bottom | 1" (25 mm) |
| Vertical | 1-1/4" (32 mm) |

- Vent must be supported at offsets.
- Firestops are required at each floor level and whenever passing through a wall.
- Maintain clearances to combustibles.

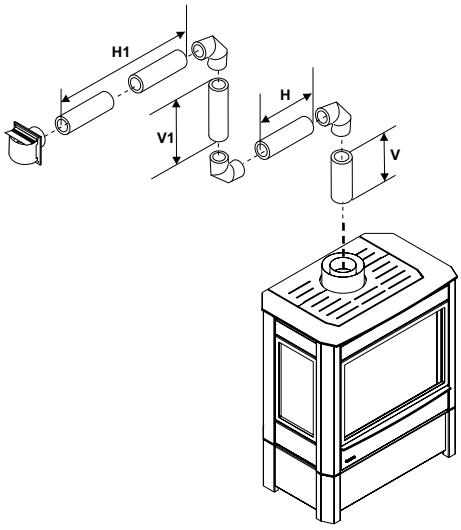
## Horizontal Terminations - Two 90° Elbows - Rigid Pipe (Propane & Natural Gas)

| *One 90° elbow = Two 45° elbows.* | | | |
|---|---|---|---|
| **Option** | **V** | **H + H1** | With these options, maximum total pipe length is 30 feet (9.14 m) with minimum of 9 feet (2.74 m) total vertical and maximum 8 feet (2.44 m) total horizontal.<br>Please note minimum 1 foot (0.3 m) between 90° elbows is required. |
| A) | 4′ (1.22 m) Min. | 3′ (0.91 m) Max. | |
| B) | 5′ (1.52 m) Min. | 4′ (1.22 m) Max. | |
| C) | 6′ (1.82 m) Min. | 5′ (1.52 m) Max. | |
| D) | 7′ (2.13 mm) Min. | 6′ (1.82 m) Max. | |
| E) | 8′ (2.44 m) Min. | 7′ (2.13 m) Max. | |
| F) | 9′ (2.74 m) Min. | 8′ (2.44 m) Max. | |
| NG & LP Restrictor Set to Full Open 3-1/4″ (Set 0). Lengths do not include elbows indicated. | | | |



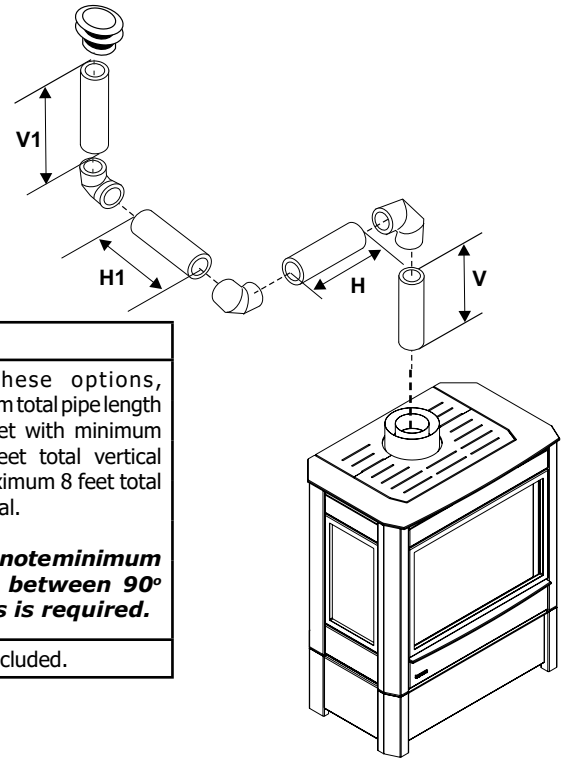

## Horizontal Terminations - Three 90° Elbows - Rigid Pipe (Propane & Natural Gas)

| *One 90° elbow = Two 45° elbows.* | | | | | |
|---|---|---|---|---|---|
| **Option** | **V** | **H** | **V + V1** | **H + H1** | With these options, max. total pipe length is 30 feet (9.14 m) with min. of 9 feet (2.74 m) total vertical and max. 8 feet (2.44 m) total horizontal.<br>Please note min. 1 foot (0.3 m) between 90° elbows is required. |
| A) | 3′ (0.91 m) Min. | 1′ (0.3 m) Max. | 4′ (1.22 m) Min. | 3′ (0.91 m) Max. | |
| B) | 3′ (0.91 m) Min. | 2′ (0.61 m) Max. | 5′ (1.52 m) Min. | 4′ (1.22 m) Max. | |
| C) | 4′ (1.22 m) Min. | 2′ (0.61 m) Max. | 6′ (1.82 m) Min. | 5′ (1.52 m) Max. | |
| D) | 4′ (1.22 m) Min. | 3′ (0.91 m) Max. | 7′ (2.13 m) Min. | 6′ (1.82 m) Max. | |
| E) | 5′ (1.52 m) Min. | 3′ (0.91 m) Max. | 8′ (2.44 m) Min. | 7′ (2.13 m) Max. | |
| F) | 5′ (1.52 m) Min. | 4′ (1.22 m) Max. | 9′ (2.74 m) Min. | 8′ (2.44 m) Max. | |
| NG & LP Restrictor Set to Full Open 3-1/4″ (Set 0). Lengths do not include elbows included. | | | | | |



## Vertical Venting With Three 90° Elbows

**(Propane & Natural Gas)**
**Rigid Pipe System**



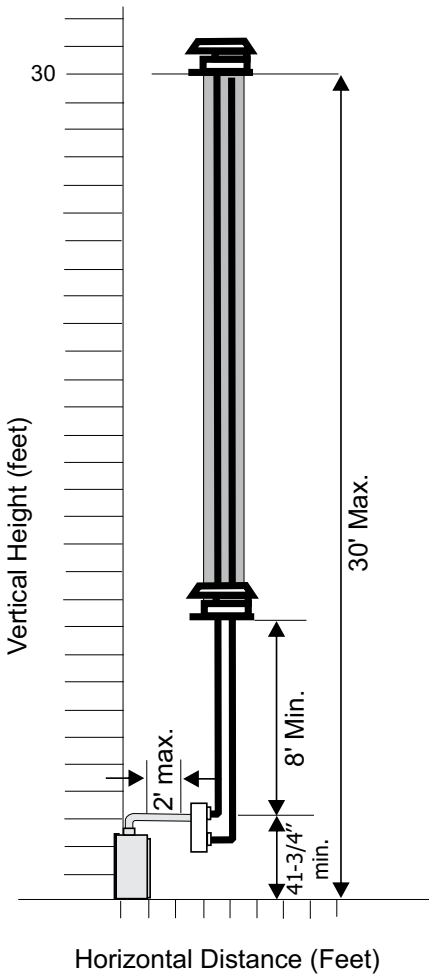

| *One 90° elbow = Two 45° elbows.* | | | | |
|---|---|---|---|---|
| **Option** | **V** | **H + H1** | **V + V1** | With these options, maximum total pipe length is 30 feet with minimum of 10 feet total vertical and maximum 8 feet total horizontal.<br><br>***Please note minimum 1 foot between 90° elbows is required.*** |
| A) | 3′ (0.91 m) Min. | 3′ (0.91 m) Max. | 5′ (1.52 m) Min. | |
| B) | 4′ (1.22 m) Min. | 4′ (1.22 m) Max. | 6′ (1.82 m) Min. | |
| C) | 4′ (1.22 m) Min. | 5′ (1.52 m) Max. | 7′ (2.13 m) Min. | |
| D) | 5′ (1.52 m) Min. | 6′ (1.82 m) Max. | 8′ (2.44 m) Min. | |
| E) | 5′ (1.52 m) Min. | 7′ (2.13 m) Max. | 9′ (2.74 m) Min. | |
| F) | 6′ (1.82 m) Min. | 8′ (2.44 m) Max. | 10′ (3.04 m) Min. | |
| NG & LP Restrictor Set to Full Open 3-1/4″ (Set 0). Lengths do not include elbows included. | | | | |

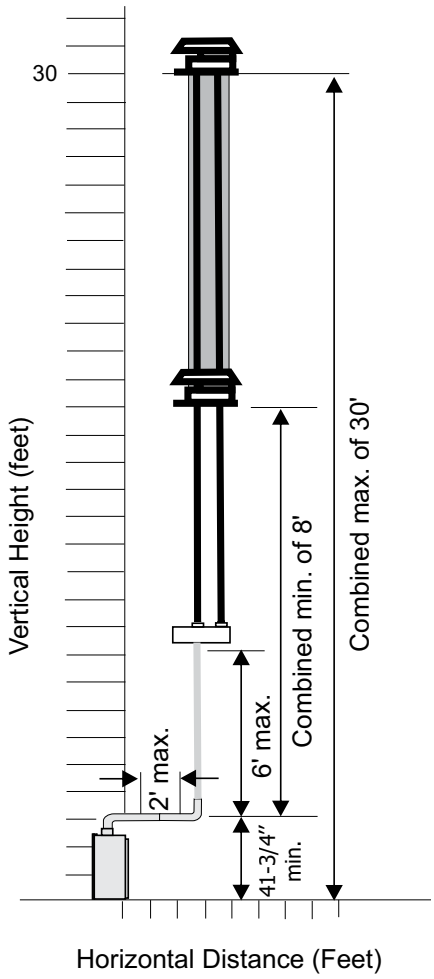
## Venting Arrangement - Vertical Terminations - Co-linear Flex System Into Masonry Fireplaces

**(Propane & Natural Gas)**

**FOR BOTH RESIDENTIAL & MANUFACTURED HOMES**

Restrictor at 2" Open (Set 1)



## Venting Arrangements with Co-linear Flex System Into a Masonry Chimney
**(Propane & Natural Gas)**

**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 on next page for minimum and maximum heights.

### 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 Adapter Kit which contains the following: Co-linear Flex Adapter Outer Pipe Inner Pipe Adapter 90 Degree Elbow Black Pipe Lengths |

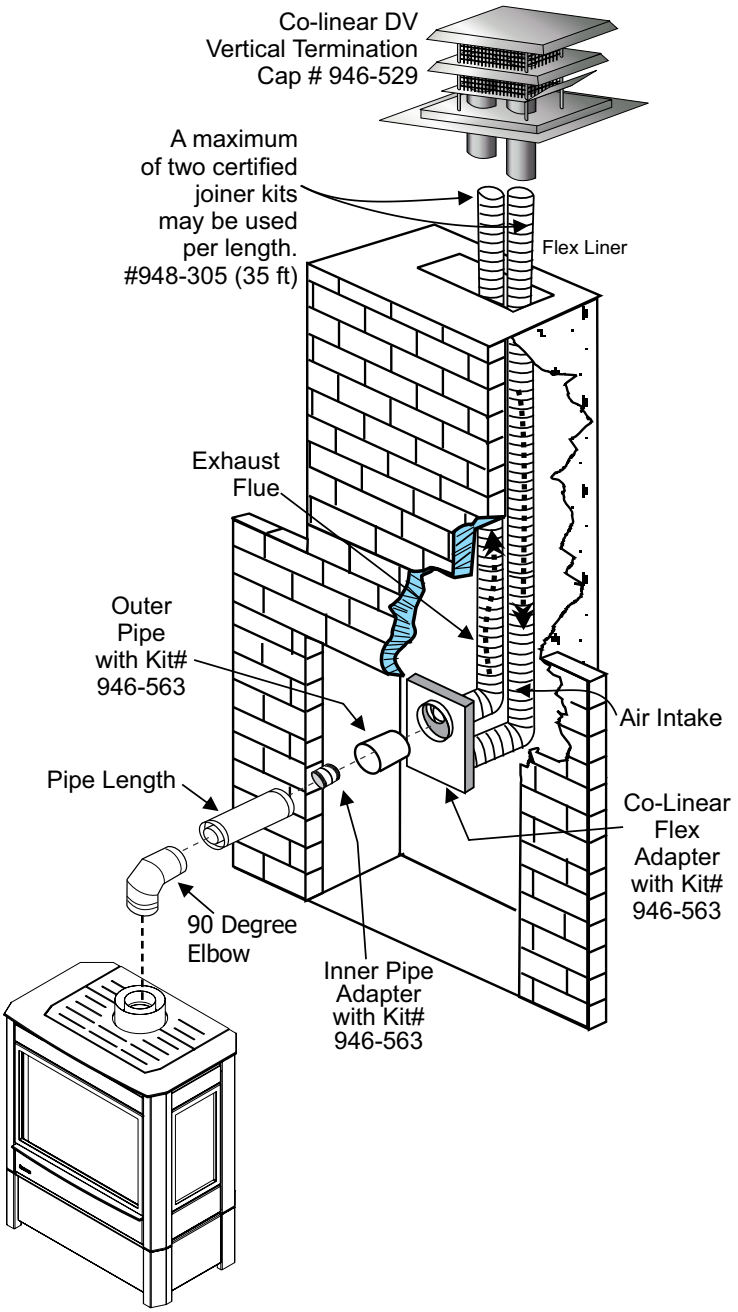
**Alternate Approved Caps**

| | |
|---|---|
| 46dva-VC | Vertical Termination Cap |
| 46dva-VCH | High Wind Cap |
| 46dva-GK | 3" Co-linear Adapter with flashing |

**NOTE:**
See detailed venting arrangements, vertical terminations, co-linear flex system into masonry fireplaces in this manual.

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.

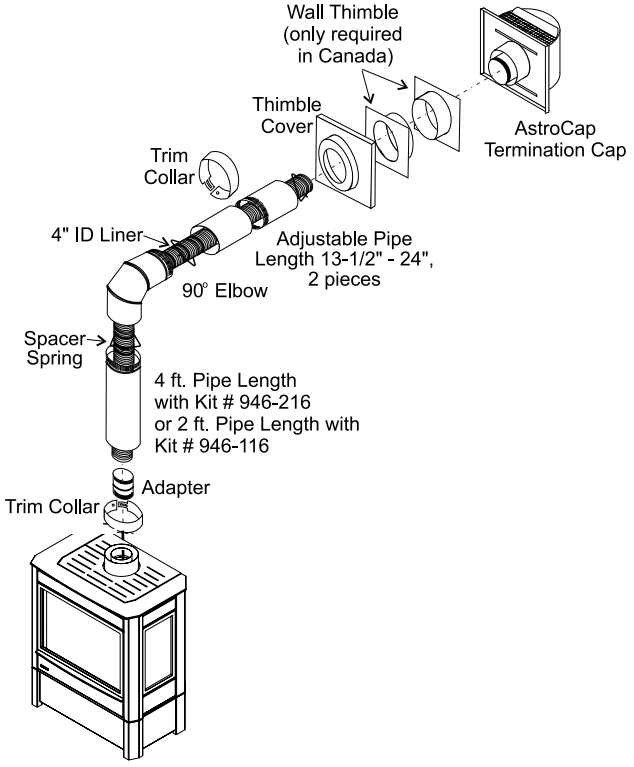


## DV Stove Horizontal Vent Kit (# 946-116 & #946-216)

DV Stove Horizontal Vent Kit 2 ft. (Part # 946-116) or 4 ft. (Part # 946-216) includes all the parts needed to install the GS33E with minimum horizontal and vertical vent dimensions. For installations that require longer vertical and/or horizontal vents see the "Dura-vent Termination Kit" and "Component" 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 pieces
6. 1 Thimble Cover
7. 1 Wall Thimble (2 pcs.)
8. 1 Adapter
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. 13 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"




**Optional:**

946-206 Vinyl Siding Standoff for ***AstroCap***

946-506/P Vent Guard

**Note:**

**a) Liner sections should be continuous without any joints or seams.**

**b) 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 Installation

Review the following sequence of instructions which are typical of most installations. The sequence may vary depending on wall thickness.

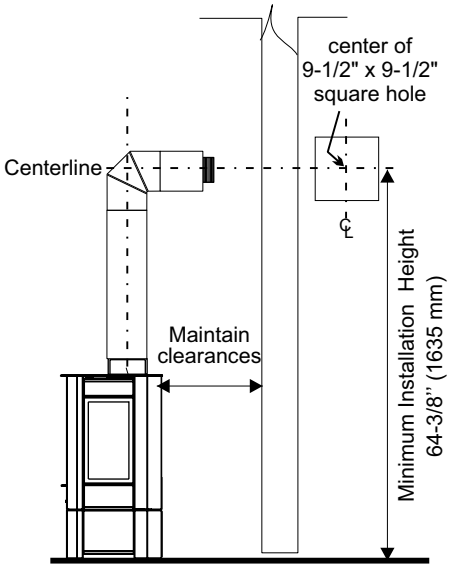
**Refer to vent location and clearance dimensions in "Exterior Vent Termination Locations" to "DV Stove Horizontal Vent Kit" sections.**

1. 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 2" (51 mm) 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.**




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

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

   b) Install wall thimbles on both interior and exterior wall with 4 wood screws (#8 x 1") per thimble.

   c) 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.

   d) Install the 90° elbow onto the adjustable pipe to determine the vertical centerline of the starter collar on the unit.

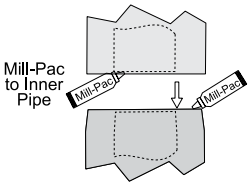
**Note: if the centerline cannot be met, the adjustable sections will have to be cut.**

e) Cut the 2 ft. or 4 ft. section of rigid pipe to length. Ensure that the pipe length when cut 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.

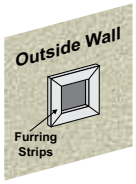
3. Attach the 4" dia. flex liner to the vent terminal ensuring that the flex overlaps the collar of the vent terminal by a minimum of 1-3/8"(35mm). Use Mill-Pac to seal and secure with 3 of the #8 x 1/2" screws (stainless steel).

4. Attach the adjustable pipe section to the vent terminal using Mill-Pac and attach with 3 of the #8 x 1/2" screws (stainless steel).
Note: The pipe seam should be facing down.



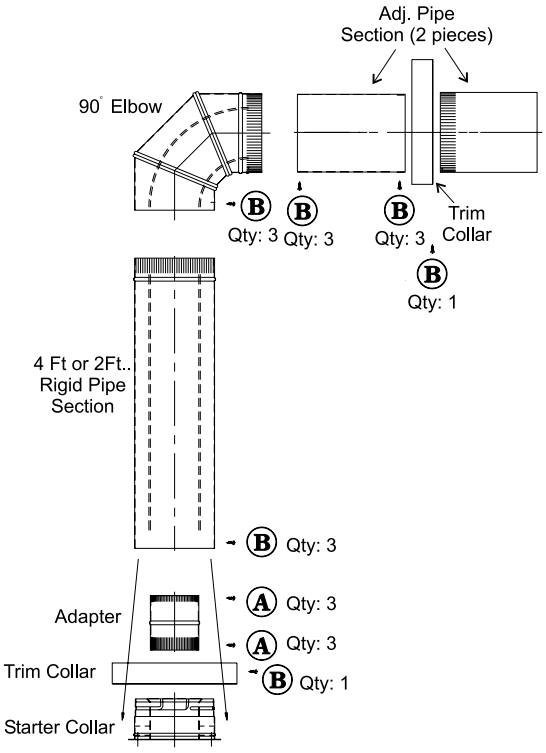

**Note: To make the installation more aesthetically pleasing, we recommend framing out a square that the cap can be mounted on.**

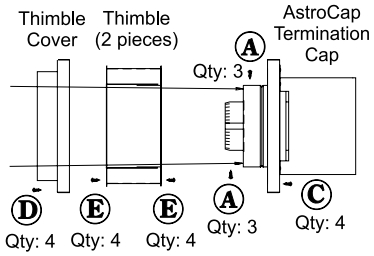
**Note: If installing termination on a siding covered wall, a vinyl siding standoff or furring strips must be used to ensure that the termination is not recessed into the siding. For vinyl siding standoff installation refer to the Dura-Vent Termination instructions.**

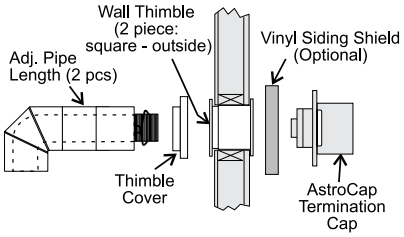



5. Slide the partially connected pipe and vent terminal assembly through the wall thimbles (from the exterior into the interior) and secure the cap to the exterior wall with 4 of the supplied screws (#8 x 1-1/2" drill point, stainless steel). Note: pilot holes will need to be drilled through the wall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




A #8 x ½" Self Tapping, Stainless Steel
B #8 x ½" Self Tapping, Black
C #8 x 1½" Drill Point, Stainless Steel
D #8 x 1½" Drill Point, Black
E #8 x 1" Wood Screws

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" adapter 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) and the 2 ft. or 4 ft. pipe section (crimp end up) over the 4" dia. flex liner.
12. Slide the trim collar over the adjustable pipe sections to cover the joint of the telescopic section.
13. Install the spring spacers onto the pipe sections.
14. Secure the 4" dia. flex liner with adapter onto the stove collar. Put a bead of Mill-Pac around the appliance adapter and secure with 3 screws (#8 x 1/2, stainless steel).
15. Attach the pipe section onto the starter collar by sealing with Mill-Pac and securing with 3 of the #8 x 1/2" (black) screws. Pipe seams should be facing the wall.
16. Attach the 90° elbow onto the pipe section by sealing with Mill-Pac and securing with 3 of the #8 x 1/2" screws (black).
17. Slide the adjustable pipe section onto the 90° elbow. The flex may have to be compressed back in order for the adjustable pipe to properly mate to the elbow. Seal with Mill-Pac and 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.

**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.**

## 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 "Rigid Pipe Venting Arrangements" 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.

## Dura-Vent Venting Components

You will require the following components with your new Regency® Direct Vent Freestanding Gas Stove. Please review your product to make sure you have everything you need. In the event that you are missing any part, contact your dealer.

**Note: These are the minimum pieces required. Other parts may be required for your particular installation. See the "Dura-vent Horizontal Kit" section for a list of vent parts.**

If installing termination on a siding covered wall, a vinyl siding standoff or furring strips can be used in order to ensure that the termination is not recessed into siding.

The vinyl siding standoff is required for walls with vinyl siding.

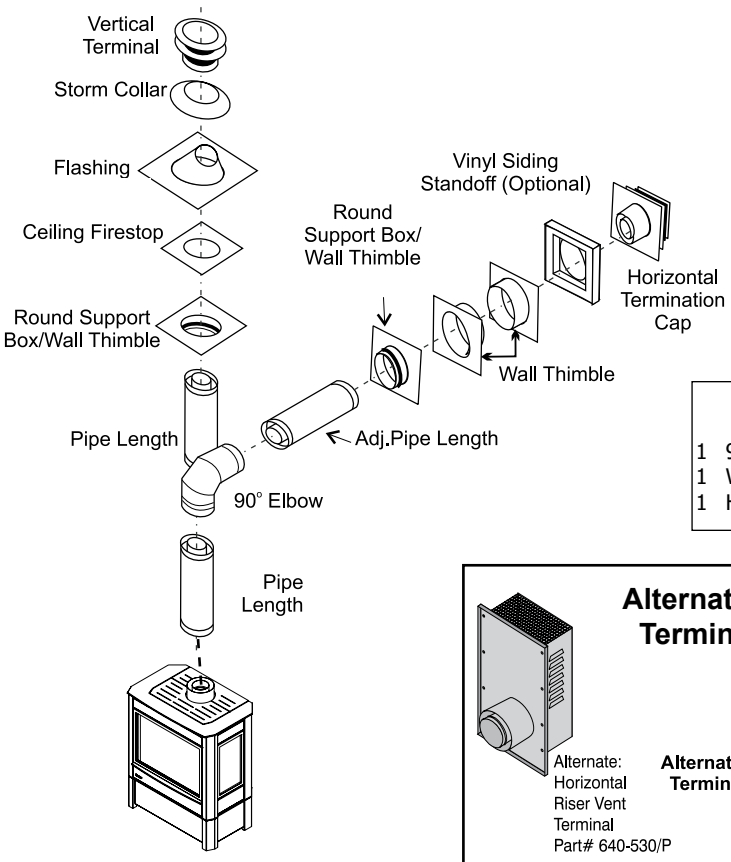
Minimum components for a Dura-Vent Horizontal Installation:

A) Dura-Vent Horizontal Termination Kit
B) Wall Thimble (required for combustible walls)

**Minimum components for a Dura-Vent Vertical Termination:**

C) Dura-Vent Vertical Termination Kit See the "Rigid Pipe Venting Arrangments" section for pipe lengths.

The Simpson Dura-Vent Direct Vent System offers a complete line of component parts for installation of both horizontal and vertical installation. Many items are offered in decorative black, as well as galvanized finish. The galvanized pipe and fittings are used for concealed locations such as attics or where corrosion is a factor, such as above the roof line. Decorative brass trim kits are available for both wall thimbles and ceiling support boxes.




**Dura-Vent Basic Horizontal Kit**

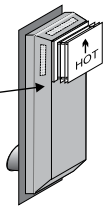
1 90° Elbow
1 Wall Thimble Cover
1 Horiz. Sq. Term. Cap

**Alternate Horizontal Termination Caps**



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

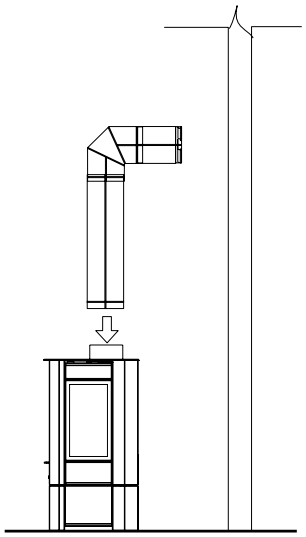
**Alternate Snorkel Termination Cap**



## Dura-Vent Horizontal Terminations

**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.

**<u>NOTE:</u> 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.**

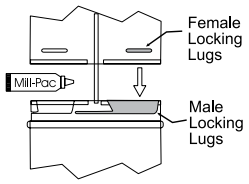



*Diagram 1*

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

**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 centerline of the horizontal pipe, as shown in diagram 2. 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.

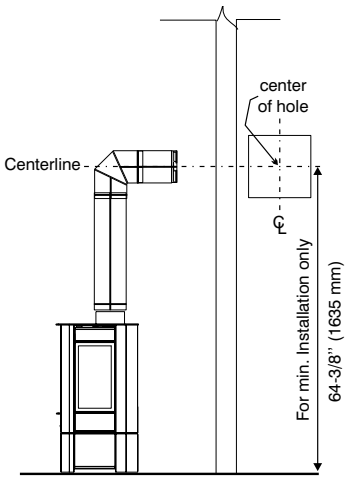



*Diagram 2*

***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 instructions in the "External Vent Terminal Locations" section.

**c) Snorkel Terminations:**
For installations requiring a vertical rise on the exterior of the building, 14-inch and 36-inch tall Snorkel Terminations as shown in Dia. 3 are available, as well as the standard Riser Vent, see Dia. 3a. Follow the same installation procedures as used for standard Horizontal Termination. NEVER install the snorkel upside down.

***Dia 3, 3a & 4: As specified in CSA B149.1 Installation Code. Local codes or regulations may require different clearances.**

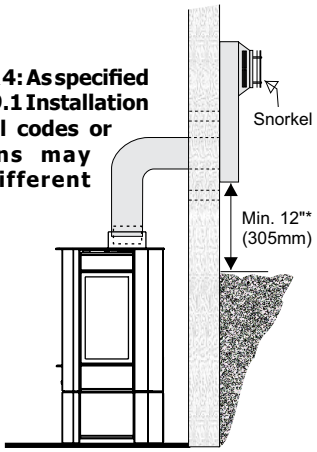



*Diagram 3*

**NOTE: For Snorkel terminations in ABOVE grade installations, follow national or local code requirements.**

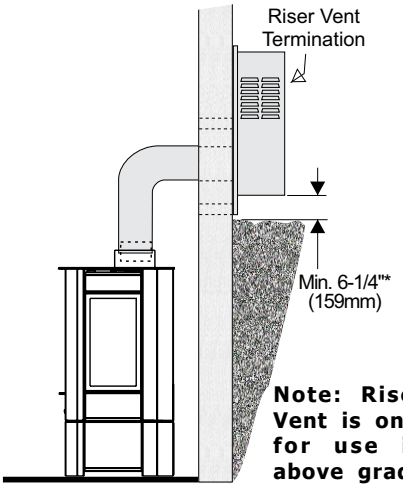



*Diagram 3a*

**Note: Riser Vent is only for use in above grade terminations.**

**Below Grade 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 Dia. 4. Do not attempt to enclose the Snorkel within the wall, or any other type of enclosure.

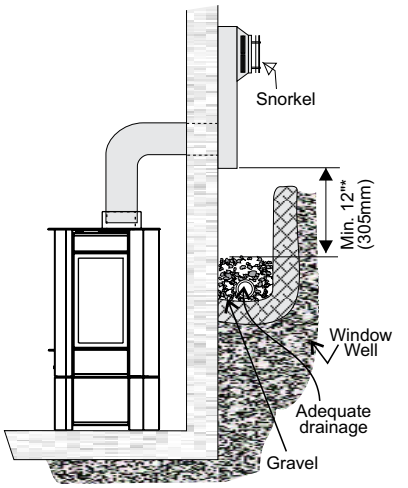



*Diagram 4*

**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 5. **The arrow on the vent cap should be pointing up.** Insure that the 1-1/4" clearances to combustible materials are maintained. See diagram 5.

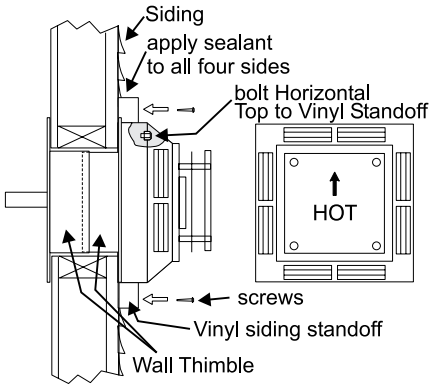



*Diagram 5*

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 decorative 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 6.

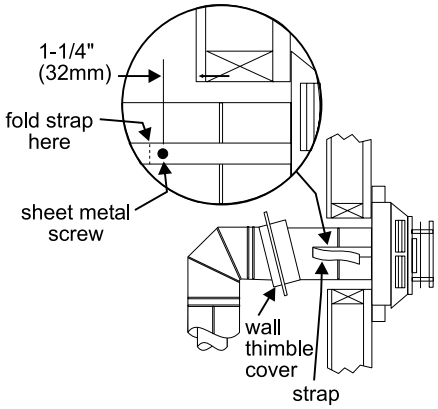



*Diagram 6*

**7.** Install the 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 7.

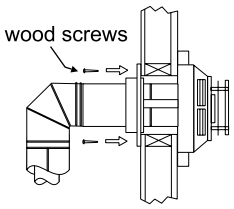



*Diagram 7*

## Dura-Vent Vertical Terminations

**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 "Rigid Pipe Venting Arrangments" 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 bob 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 his point.

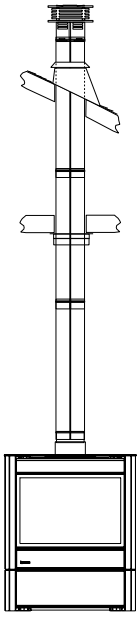


*Diagram 8*

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 9 to avoid cutting load bearing members.

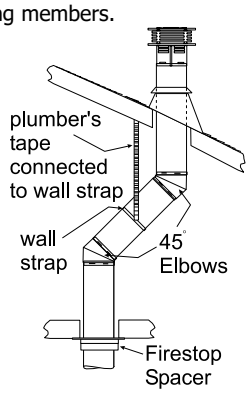



*Diagram 9*

**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 10.

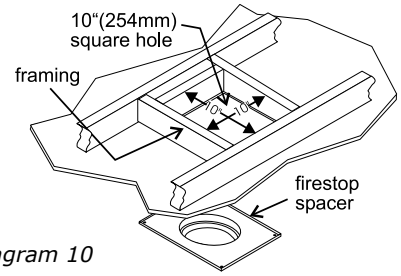



*Diagram 10*

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

**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 11.

**6.** Continue to assemble pipe lengths.

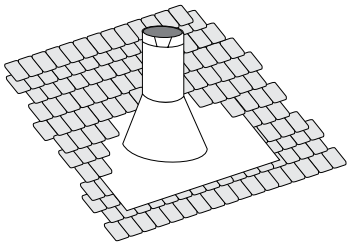


*Diagram 11: The upper half of the flashing is installed under the roofing material and not nailed down until the chimney is installed. This allows for small adjustments.*

**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 7.**

Galvanized pipe and elbows may be utilized in the attic as well as above the roofline. The galvanized finish is desirable above the roofline 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 12 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.

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

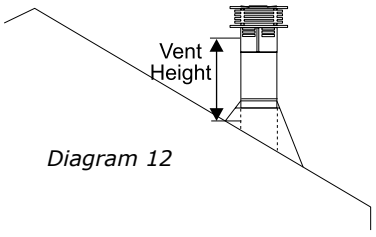



*Diagram 12*

| 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 |

**8.** Install the vertical termination cap by twist locking it.

***Notes:***

**a)** For multistory vertical installations, a Ceiling Fire stop is required at the second floor, and any subsequent floor. Diagram 13. The opening should be framed to 10 " x 10" inside dimensions, in the same manner as shown in diagram 10.

**b)** Any occupied areas above the first floor, including closets and storage spaces, through which the vertical vent passes, must be enclosed.

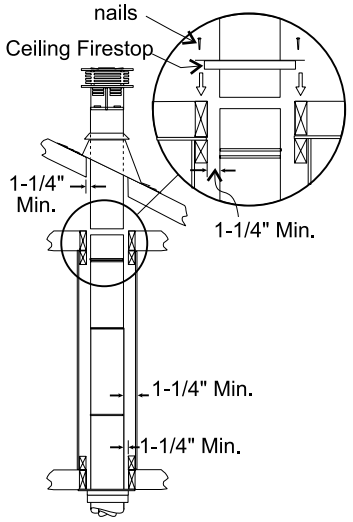
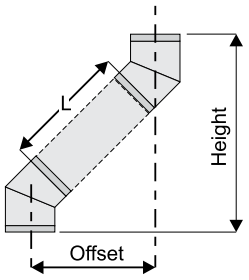



*Diagram 13*

## Offset Chart

| GS 6"(152mm) Nominal Diameter ID | | | | | |
|---|---|---|---|---|---|
| Offset | | Pipe Length (L) | | Height | |
| inches | mm | inches | mm | inches | mm |
| 4 ¾ | 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 |




## Cathedral Ceilings

### Round Support (RDS) & Square Support (SQS)

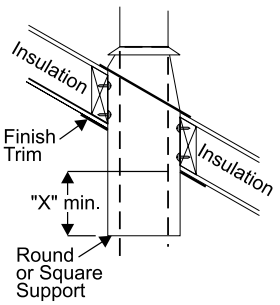
If your home has a cathedral ceiling (no attic space between the ceiling and the roof), install the chimney and support as follows.

**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" clearance.

**2.** Place the support in the opening. Lower it to the correct height as determined by the table and diagram below.

Using a level, make sure the support is vertical.

| 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" |



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 Dia. 12, local codes or the "Rigid Pipe Venting Arrangements" 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". The extension is attached to the support using the eight metal screws provided. Be sure there is at least a 2 inch overlap where the extension joins the support (CSA 2.17 and ANSI Z21.88/CSA 2.33).

## Converting a Class-A Metal Chimney to a Direct Vent System

**Approved for US Installations Only**
**The use of an existing chimney as an air intake is not covered under the CSA 2.17 and ANSI Z21.88/CSA 2.33 test methods and the resulting ITS/WHI product certification. The code Authority Having Jurisdiction must be consulted prior to proceeding with this installation method.**

### General

**Prior to installation and connection of the vent system to a Class A 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 Class A chimney.**

**For Class A 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.**

## 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" flex pipe to that length (the flex should already be extended to its nominal length).

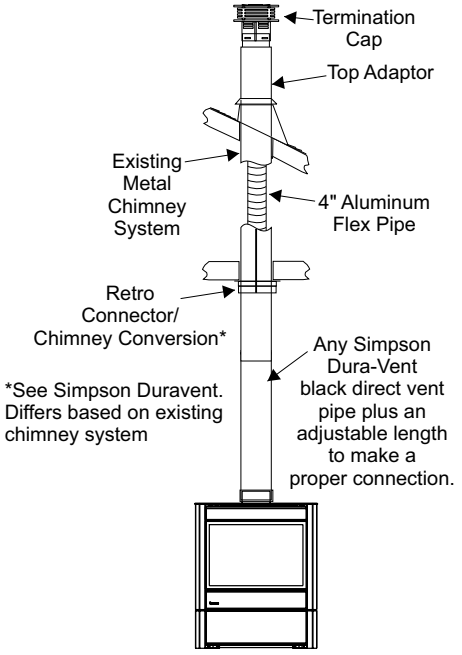



*Diagram 1*

3. Connect the end of the flex pipe section to the underside of the Top Adaptor using 3 sheet metal screws.
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. (Diagram 3 and 4).

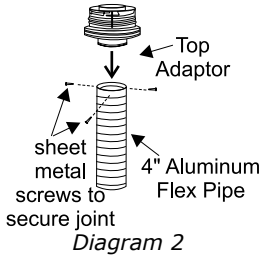



*Diagram 2*

## Natural Vent Adapter Installation

# Natural Draft Adapter Requirements

When installed with Natural Draft Adapter Kit #946-861 this heater is equipped with a vent safety switch designed to sense incorrect venting and react by shutting down the gas supply. This thermally actuated switch is located within the Natural Draft Adapter and will detect either a blocked chimney or backdraft condition where the chimney flow has reversed. If this switch shuts the unit down, it indicates a drafting problem that must be identified and rectified without delay - the thermally activated switch must never be bypassed or disconnected as a hazardous or deadly condition can result.

The Natural Draft Adapter must not be altered, obstructed, or blocked in any way, and the unit must be installed so that the adapter is in the same atmospheric pressure zone as the combustion air inlet to the burner. This heater must be properly connected to a venting system. This heater is equipped with a vent safety shutoff system.

**WARNING: Operation of this heater when not connected to a properly installed and maintained venting system or tampering with the vent safety shutoff system can result in carbon monoxide (CO) poisoning and possible death.**

**WARNING: When installed with the Natural Draft Adapter, this appliance needs fresh air for safe operation and must be installed with provisions for adequate combustion and ventilation air available to the room in which it is to be operating.**

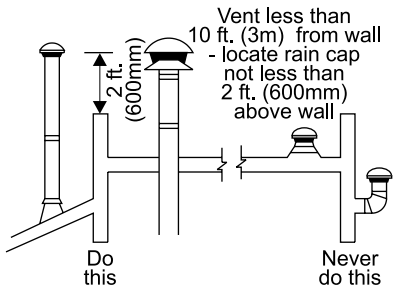
**WARNING: Appliances converted using the Natural Vent Adapter kit cannot be installed in a manufactured (mobile) home.**

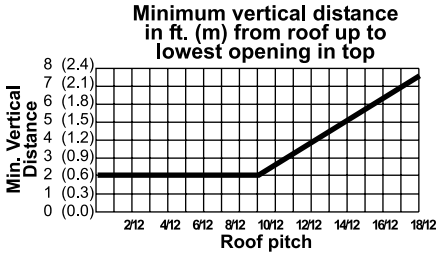
**Venting Requirements**
A four inch diameter vent is required unless an increaser is used at the immediate outlet of the Natural Vent Adapter. B-Vent, Class A or Masonry with an approved liner are all acceptable. Follow all venting manufacturer's requirements and local building codes. In cold climates, we recommend the use of insulated B-vent, chase, and liners. For altitudes above 2000 ft. we recommend that a minimum flue height of 12 ft. is used.

**Installation into Existing Woodstove Flue System**
1) Clean existing Chimney system.
2) Run an approved 4" flex liner or "B" vent into existing chimney.

**Note:** See the chimney systems manufacturer for detailed installation instructions.

### Vent Terminations



## NATURAL VENT ADAPTER VENTING CHART

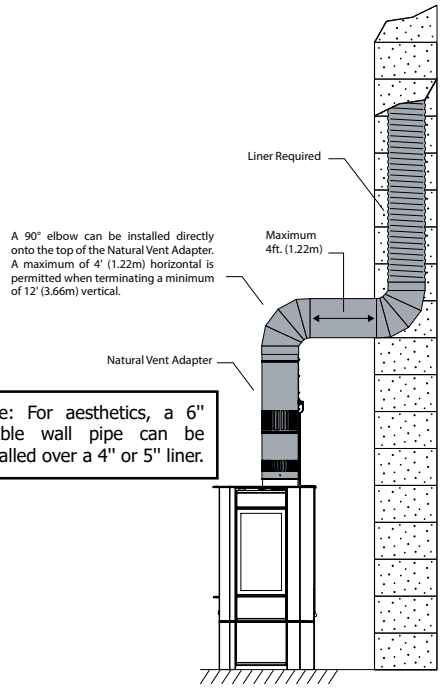
**QUALIFIED INSTALLERS ONLY**
**THIS NATURAL VENT ADAPTER MUST BE INSTALLED VERTICALLY AS SHOWN.**
**A CHIMNEY VENTING THIS STOVE SHALL NOT VENT ANY OTHER APPLIANCE.**
**FOLLOW ALL LOCAL CODES**

This appliance may be vented in various types of applications, including:

- A masonry clay lined chimney
- A solid fuel wood burning chimney
- A B-Vent liquid fuel gas burning chimney

A B-Vent liquid fuel gas chimney or 4" Flex pipe may be used.
When installing with B-Vent liquid fuel gas chimney, install as per B-Vent manufacturer installation specifications.
Horizontal, Vertical, and offset installations are allowed. **NOTE: Installation of B-Vent must follow B-Vent Manufacturers Installation Instructions when being used.** Follow the B-Vent chart for horizontal, vertical, or offset venting.

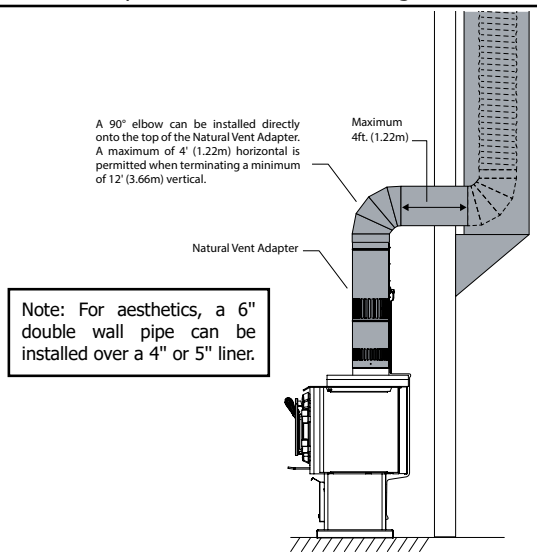
### MASONRY CLAY LINED CHIMNEY:




Note: For aesthetics, a 6" double wall pipe can be installed over a 4" or 5" liner.

### SOLID FUEL WOOD BURNING CHIMNEY:

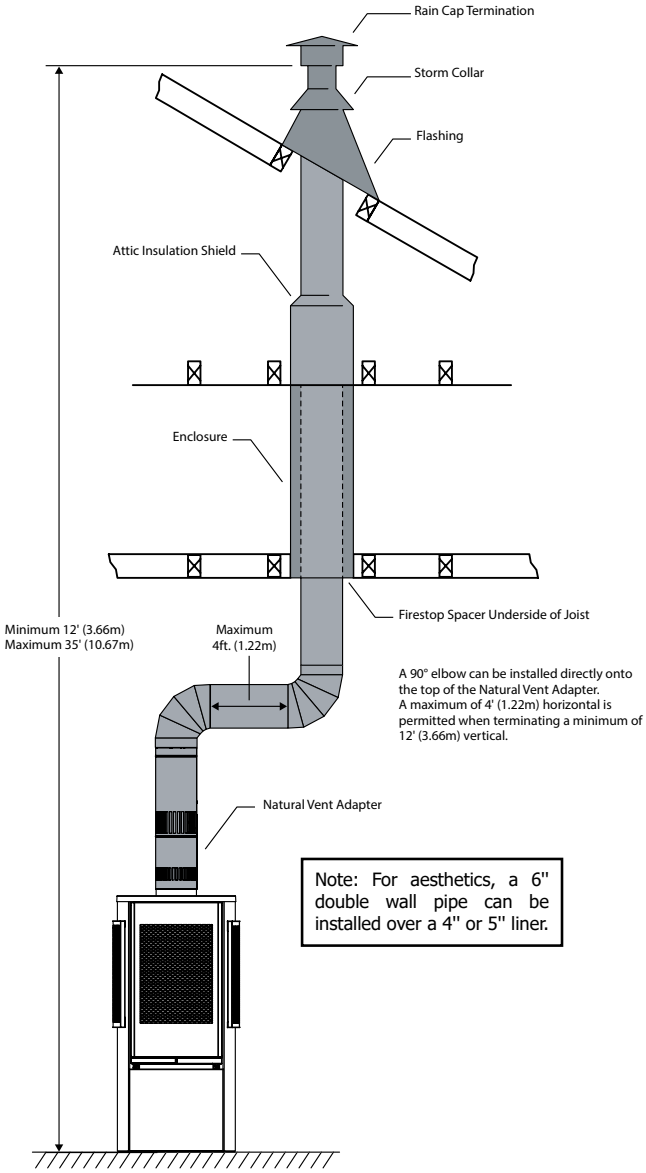
Liner required if inside diameter is greater than 6"




Note: For aesthetics, a 6" double wall pipe can be installed over a 4" or 5" liner.

### B-VENT LIQUID FUEL GAS BURNING CHIMNEY:

Liner required if inside diameter is greater than 6"




Note: For aesthetics, a 6" double wall pipe can be installed over a 4" or 5" liner.

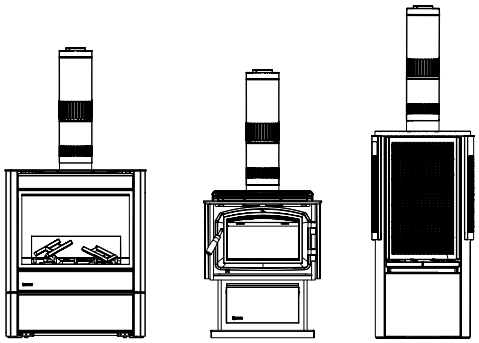
Minimum Vertical 12 ft (3.66 m) | Maximum Vertical 35 ft (10.67 m) | Maximum Horizontal 4' (1.22 m)

**SEAL ALL CONNECTIONS IN VENTING SYSTEM**

# GS33E Natural Vent Adapter Installation

**Natural Vent Kit: 946-861**

| Part # | Description | Qty |
|---|---|---|
| 911-470 | Natural Vent Wiring Harness (Factory installed) | 1 |
| 911-473 | Wire Connector | 1 |
| 911-469 | Spill Switch (Factory installed) | 1 |
| 911-472 | Female Spade Connector | 2 |
| 904-531 | 1/2" Split Bushing | 1 |
| 910-177 | 5/8" Split Bushing | 1 |
| 904-519 | #8 x 1/2 Black Self Tapping Screw | 4 |
| 920-978 | Conversion Decal | 1 |
| 918-842 | Warning Decal | 1 |
| 910-199 | Wire Clip | 2 |
| 948-745 | Wire Cover | 1 |
| 920-968 | Instruction Sheet | 1 |

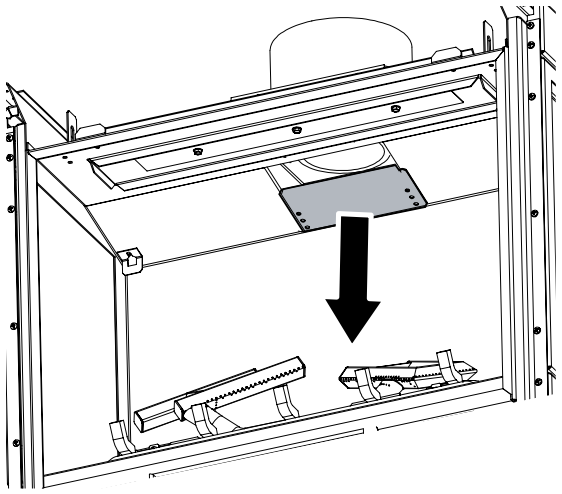



**Note:** This kit must be installed or serviced by a qualified installer, service agency or gas supplier. These instructions are to be used in conjunction with the main installation instructions for the above listed models.

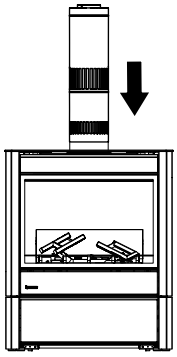
1. Turn the unit off and allow it to cool to room temperature.
2. Unplug or disconnect the stove power source.

**Warning: When using the Natural Vent Adapter, the appliance's Vent Restrictor plate must be removed if installed.**

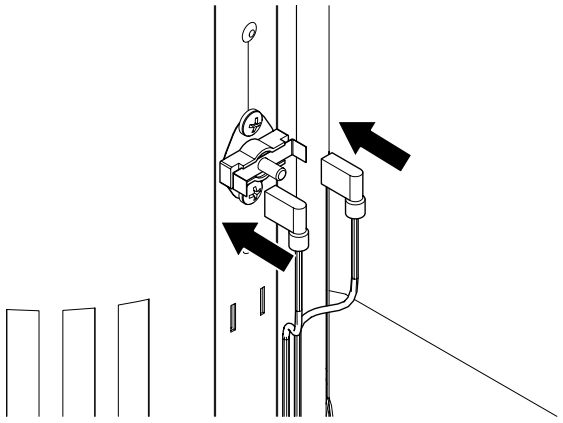
3. To access the restrictor plate, refer to Installation sections in the manual (Top Removal, Front Assembly Removal & Front Glass Removal).
4. Remove the restrictor plate by removing the two screws.



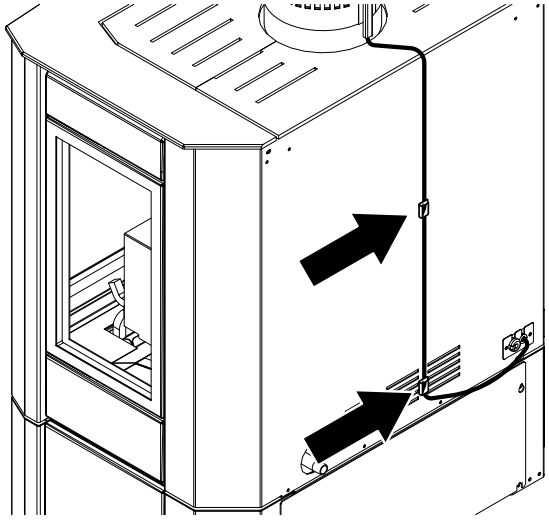
5. Reinstall the front glass, front assembly, and unit top.
6. Install the Natural Vent Adapter to the rigid pipe adapter and secure with 4 screws.
   Ensure to position the switch and wiring to the rear of the unit.



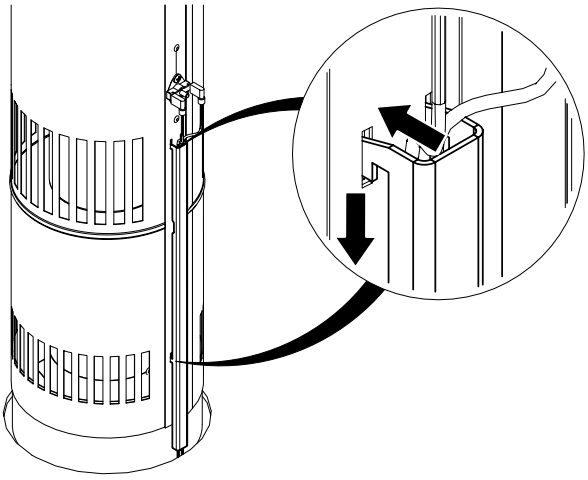
7. Ensure the connectors from the wire harness are firmly inserted into the spill switch.



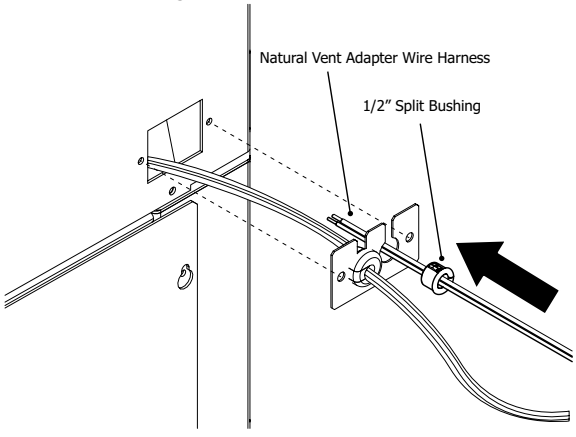
8. At the back of the unit, route the natural vent wiring using the provided wire clips. Suggested placement below.



9. Ensure the wire cover is firmly attached to the Natural Vent Adapter. The wire cover is hooked into slots in the Adapter.

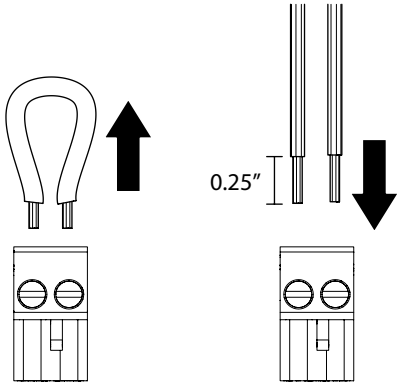


10. At the rear of the unit, remove the wiring bracket by removing two screws.
11. Thread the Natural Vent Adapter wire harness through the 1/2" Split Bushing then install into the wiring bracket.
12. Reinstall the wiring bracket.




13. Access the IFC (refer to "IFC Replacement" in the manual).
14. Remove the green connector (X4) from the IFC.
15. Remove the jumper wire from the X4 connector and secure the two leads of the Natural Vent Adapter wire harness to the X4 connector.

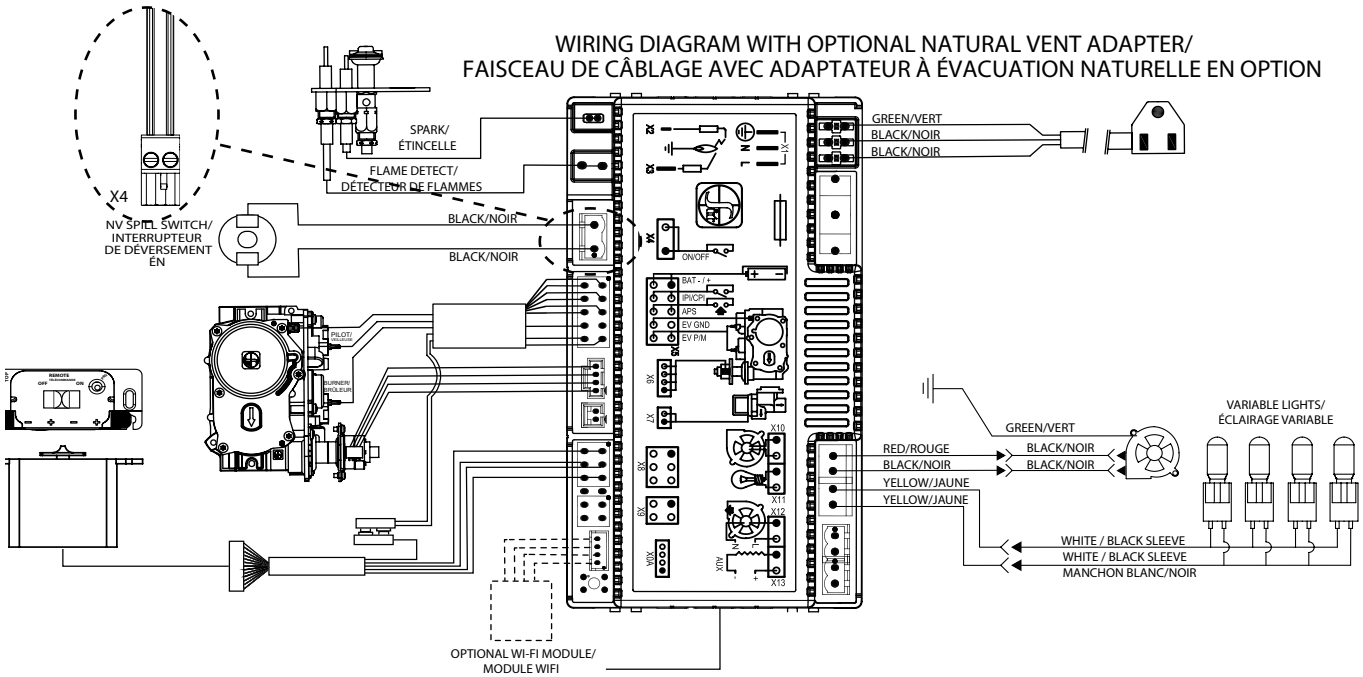
**Note:** Before securing the natural vent wires, fully back out the screws on the green connector.




X4 Connector with Jumper

X4 Connector with Natural Vent Adapter Wire Harness Leads Installed

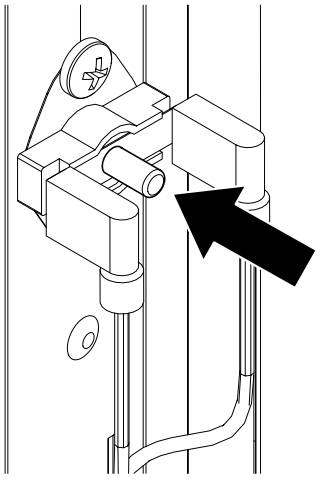
16. Wiring diagram.




17. Reinstall the X4 connector and harness back onto the IFC.

18. Apply the conversion and warning decals by the control area then re-install the IFC.

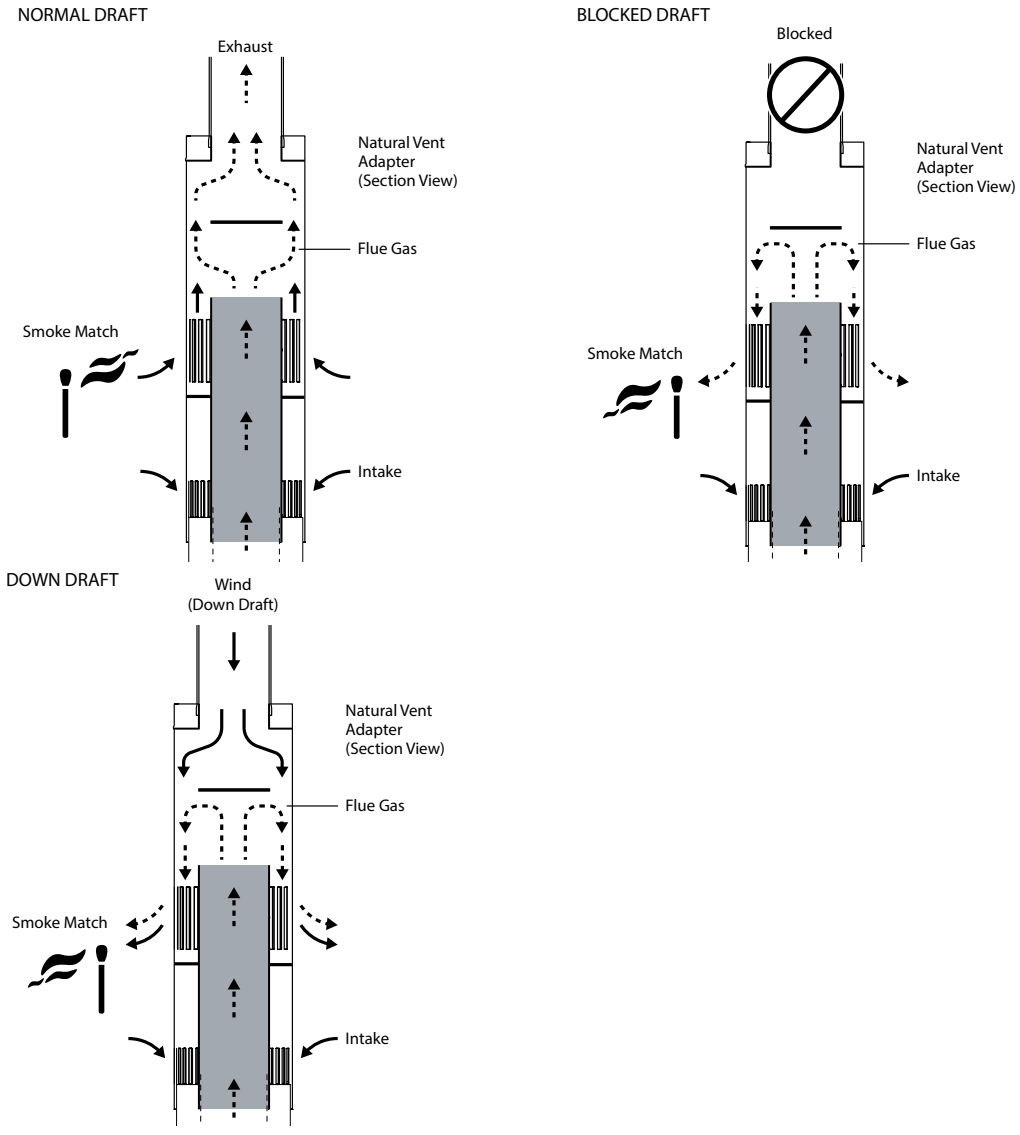
**Note:** If the Natural Vent circuit opens after installation and requires manual resetting, contact a technician before attempting to reset it.



## TEST FOR FLUE SPILLAGE

### ⚠ CARBON MONOXIDE POISONING HAZARD

Failure to follow the steps outlined below for each appliance connected to the venting system being placed into operation could result in carbon monoxide poisoning or death.
The following steps shall be followed for each appliance connected to the venting system being placed into operation, while all other appliances connected to the venting system are not in operation:
1) Seal any unused openings in the venting system.
2) Inspect the venting system for proper size and horizontal pitch, as required in the National Fuel Gas Code, ANSI Z223.1/NFPA 54 or the Natural Gas and Propane Installation Code, CSA B149.1 and these instructions. Determine that there is no blockage or restriction, leakage, corrosion and other deficiencies which could cause an unsafe condition.
3) As far as practical, close all building doors and windows and all doors between the space in which the appliance(s) connected to the venting system are located and other spaces of the building.
4) Close fireplace dampers.
5) Turn on clothes dryers and any appliance not connected to the venting system. Turn on any exhaust fans, such as range hoods and bathroom exhausts, so they are operating at maximum speed. Do not operate a summer exhaust fan.
6) Follow the lighting instructions. Place the appliance being inspected into operation. Adjust the thermostat so appliance is operating continuously.
7) Test for spillage from draft hood equipped appliances at the draft hood relief opening after 5 minutes of main burner operation. Use the flame of a match or candle.
8) If improper venting is observed during any of the above tests, the venting system must be corrected in accordance with National Fuel Gas Code, ANSI Z223.1/NFPA and/or Natural Gas and Propane Installation Code, CSA B149.1.
9) After it has been determined that each appliance connected to the venting system properly vents when tested as outlined above, return doors, windows, exhaust fans, fireplace dampers and any other gas-fired burning appliance to their previous conditions of use.



| System Data GS33E | |
|---|---|
| Altitude for 0 to 4500 feet | |
| Burner Inlet Orifice Sizes: | |
| Burner | Natural Gas #32 / Propane #50 |
| **Max. Input** | |
| Natural Gas | 38,000Btu/hr |
| Propane | 36,000Btu/hr |
| **Min. Input** | |
| Natural Gas | 26,000Btu/hr |
| Propane | 29,000Btu/hr |
| **Max. Supply Pressure** | |
| Natural Gas | 14" w.c. (3.45 kPa) |
| Propane | 14" w.c. (3.45 kPa) |
| **Min. Supply Pressure** | |
| Natural Gas | 5" w.c. (1.25 kPa) |
| Propane | 11" w.c. (2.74 kPa) |
| **Manifold Pressure - High** | |
| Natural Gas | 3.5" w.c. |
| Propane | 10" w.c. |
| **Manifold Pressure - Low** | |
| Natural Gas | 1.6" w.c. |
| Propane | 6.4" w.c. |
| Electrical: 115V._60Hz.less than 2 AMP<br>Circulation: Variable speed fan, 125/75 CFM.<br>Log Set: Ceramic fiber, Oak/Birch 10 per set, Driftwood 8 per set. | |

## Gas Connection

The gas connection is a 3/8" NPT nipple at the rear of the appliance. 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 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.**

## High Elevation

This unit is approved in Canada for altitude to 4500 ft. (CSA-2.17). For Natural Gas installations above 4500 ft. follow current CSA B149.1.

When an appliance is installed at elevations above the maximum elevation option provided, the input rate shall be reduced or air shutter opened further. For altitudes above 4500' the input rate shall be reduced at the rate of 4% for each additional 1000 ft (300 m). The input rate shall be reduced from the rate indicated for the highest altitude option provided.

This is to accurately adjust the input ratings of appliances certified for high altitude to ensure proper performance. The rated output of gas-burning appliances decreases with higher altitudes due to the reduction in atmospheric pressure. At higher elevations,and as an alternative, air shutter settings may have to be opened more to compensate for the lack of air.

## 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.

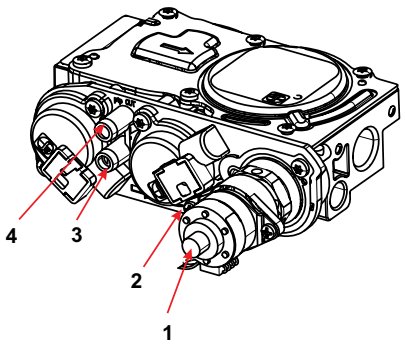
**Note: To properly check gas pressure, both inlet and manifold pressures should be checked using the valve pressure ports on the valve.**

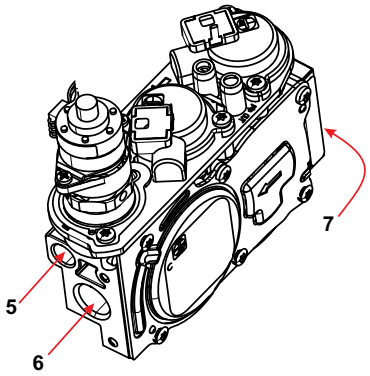
1. Make sure the valve is in the "OFF" position.
2. Loosen the "IN" and/or "OUT" pressure tap(s), turning counter clockwise with a 1/8" wide flatscrewdriver.
3. Attach manometer to "IN" and/or "OUT" pressure tap(s) using a 5/16" ID hose.
4. Light the pilot and turn the valve to "ON" position. Read manometer.
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 gas valve, disconnect the hose and tighten the screw (clockwise) with a 1/8" flat screwdriver.

***Note: Screw should be snug, but do not over tighten.***

## 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 from NG to LP

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

**WARNING**

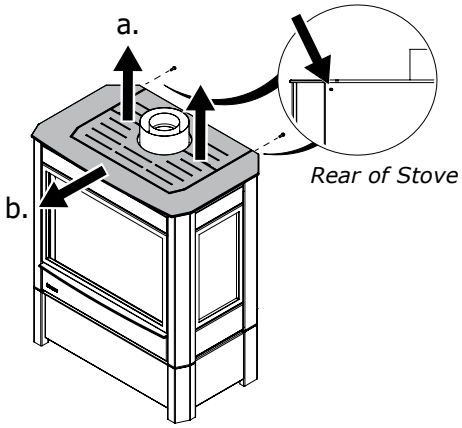
This conversion kit shall be installed by a qualified service agency in accordance with the manufacturer's instructions and all applicable codes and requirements of the authority having jurisdiction. If these instructions are not followed exactly, a fire, explosion, or carbon monoxide may result, causing property damage, personal injury, or loss of life. The qualified service agency is responsible for the proper installation of this kit. The installation is not proper and complete until the operation of the converted appliance is checked.

| Conversion Kit #711-969 includes: | | |
|---|---|---|
| 1 | 905-046 | Burner Orifice #50 |
| 1 | 910-037 | Pilot Orifice #30 |
| 1 | 918-590 | Decal - Conversion to LP |
| 1 | 904-529 | 5/32" long Allen Key |
| 1 | 908-528 | Label Propane Red |
| 1 | 911-011 | Stepper Motor LP |
| 1 | 920-923 | LP Conversion Instructions |

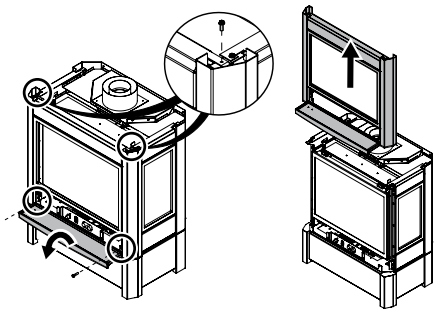
1. Turn the unit off and allow it to cool to room temperature.
2. Unplug or disconnect the stove power source.
3. To gain access to front door/mesh assembly & Front glass door, See following steps below.

   a. Remove the unit's top front and rear pieces.

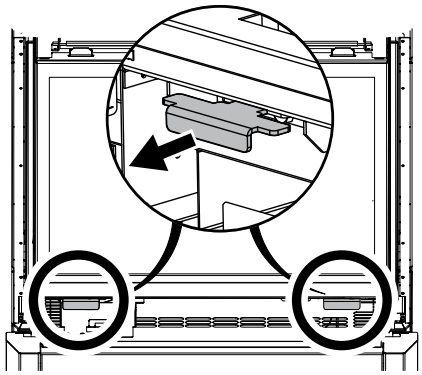
   b. Remove the x2 screws at the back of the unit as shown. Proceed to remove the top front chamfered piece.

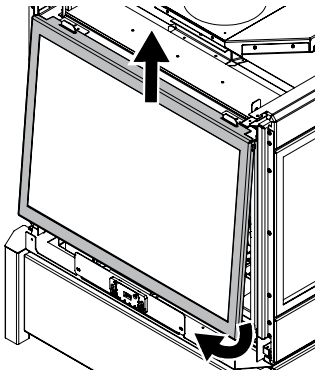



4. Remove the front frame/mesh screen assembly by removing the x2 screws at the top of the unit as shown. Open the front door and remove the x2 screws securing the rest of the assembly. Lift up and towards you and then put to the side. Lay on a blanket.



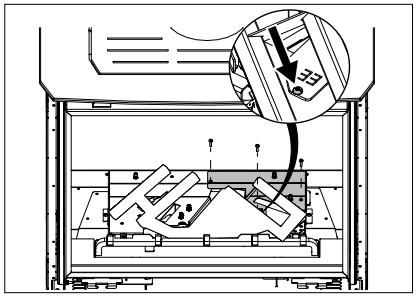
5. Remove the front glass door by pulling and disengaging the 2 spring latches securing the door. Carefully lift up the door to get access to the inside of the firebox. Put front glass door to the side and lay on a blanket.



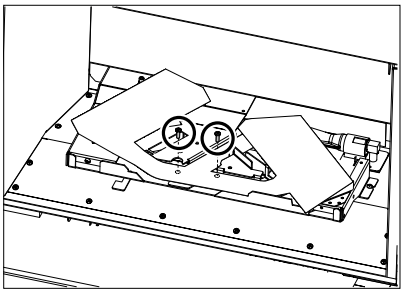


6. Remove the logs and inner panels (if installed).

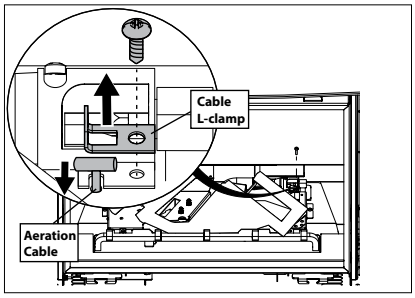
7. Remove the right rear log bracket (3 screws).



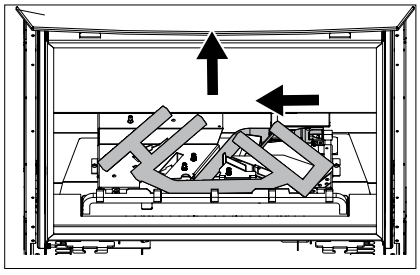
8. Remove the 2 burner screws as shown below.



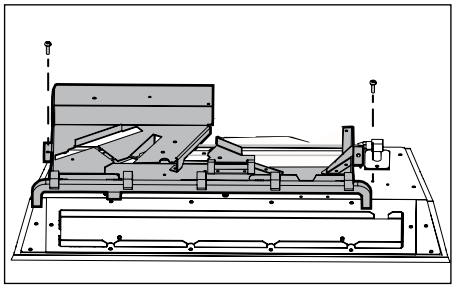
9. **IMPORTANT:** Remove the screw on the burner air shutter, which clamps the aeration cable. Keep the L-clamp bracket safely aside with the screw.




10. Carefully remove the burner.



11. Remove the burner tray (2 screws).



12. Remove pilot retainer clip with pliers and pull off the pilot cap to expose the pilot orifice.

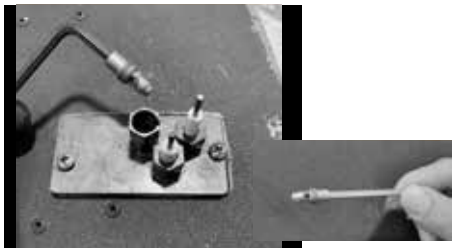




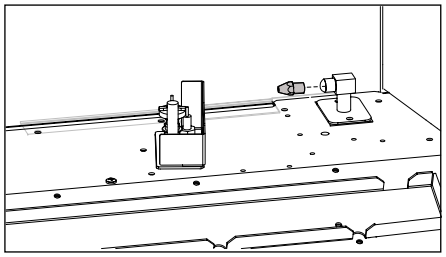
*Pilot retainer clip*



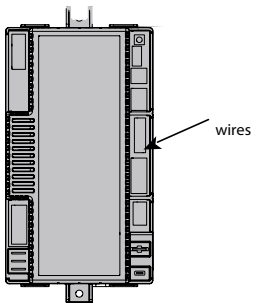
13. Unscrew the pilot orifice with the Allen key and replace with the LP pilot orifice in the kit and replace pilot cap.



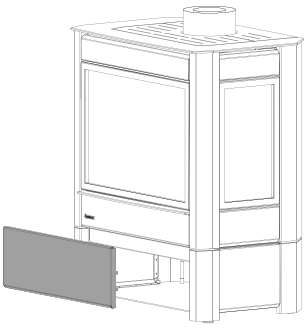
14. Remove the burner orifice with a 3/8" (10 mm) wrench and replace it with the #50 LP orifice in the kit. Use another wrench to support behind the elbow when removing/ replacing the burner orifice.



15. Access the IFC board. See following steps.

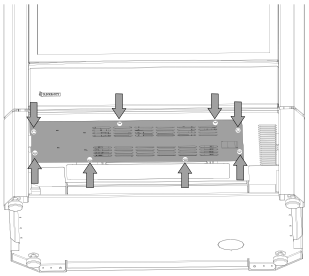



16. Lift the Cover Panel: Lift the cover panel upward as shown below. If legs are installed, skip to step 18.

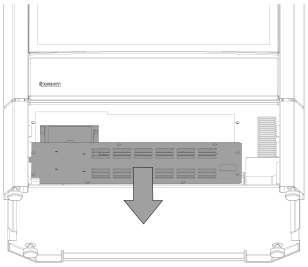


17. Remove the Cover Panel: Pull the cover panel outward to fully remove it from the stove structure (see image below). Important: store the cover panel in a safe place for reinstallation after servicing.

18. Loosen Key Screws: Loosen the screws on the keyholes, then slide the tray backward to release it.

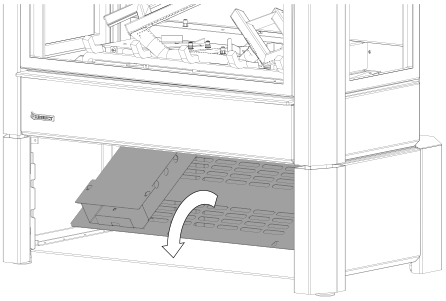


19. Remove the Tray: Pull the tray downward to detach it from the unit.

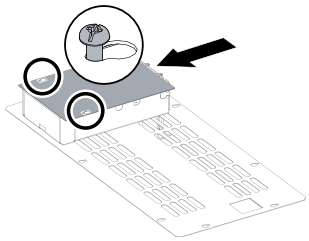


**Note: Before disconnecting wires ensure you mark wires so you know how to reconnect when reassembling. See diagrams.**

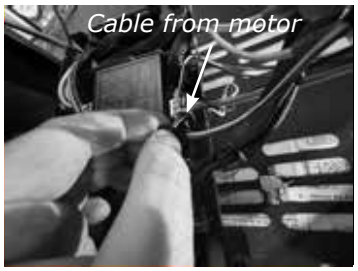
20. Tilt the tray downward as shown in the illustration and ensure that all cables are disconnected before removing the tray from the unit. Loosen the keyhole screws to remove the cover of the control box.



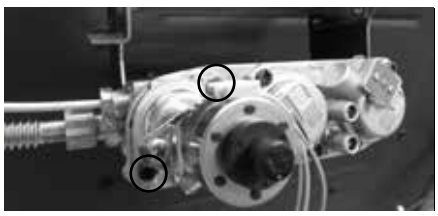
21. Remove the Cover: Slide the cover off as shown.



22. Disconnect the cable coming from the pressure regulator motor at the IFC board (marked X6 on the IFC).




23. Remove regulator from gas valve and discard 2 Pressure regulator screws A (T20 or slot), Pressure Regulator B, Spring and Diaphragm C. Ensure the rubber gasket, which is prefitted as part of the new regulator, is properly positioned. Install the new Pressure Regulator using the 2x M4 x .7 screws supplied. Tighten the screws to 25lb-in. In the event that the screw threads are cross threaded or stripped, replace the valve assembly. Also reconnect new cable from pressure regulator motor disconnected in step 22.



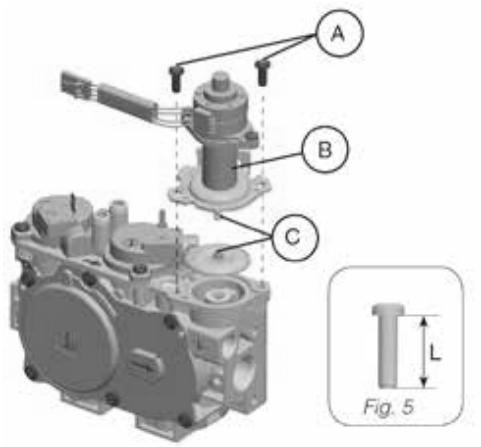


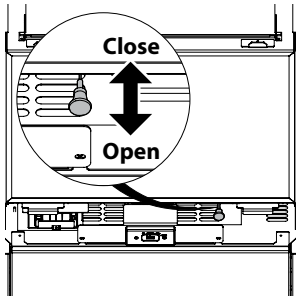
Fig. 5

24. Reverse steps 15-20 to reinstall the IFC and access panel. Reverse steps 3-11 to reinstall the brackets, burner, logs, inner panels, glass door, front mesh panel assembly and unit tops.

25. Attach the "This unit has been converted to LPG" label near or on top of the serial decal.

26. Replace the yellow "NG" label with the red "LPG" label.

27. Adjust the aeration settings. The aeration adjustment knob is located behind the control panel on the right side of the unit. Pushing the knob in will close the air shutter and pulling it out will open it.
Propane : Fully open




28. Start the appliance (see the "Lighting Instructions" section in the manual). Ensure that pilot and burner ignition are completed without delay. Check your inlet and outlet pressures at full load. With a soapy solution, leak test the entire system. Verify correct flame and pilot appearance.

NOTE Wires must be secured by gray clips when reinstalling.

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

## Panel Installation

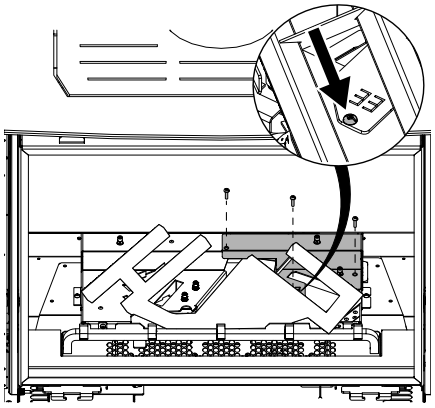
**These instructions are for use with the following products:**

| Part # | Description |
|---|---|
| 711-905 | Fluted Panel |
| 711-908 | Enamel Enamel |

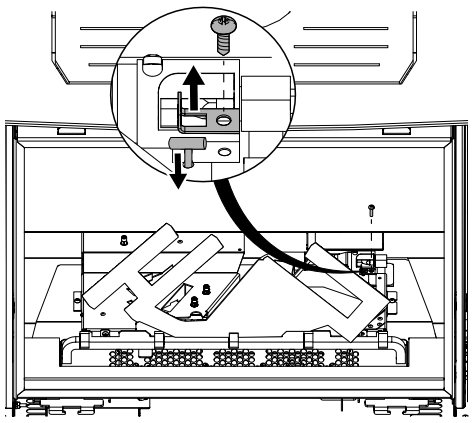
NOTES

- Fluted/steel/enamel panels may discolor a little during operation. This is normal and should not be considered a defect.
- Enamel Panels: Black enamel panels must be inspected for scratches and dimples prior to installation. All claims are to be recorded at this time. Claims for damage after installation will not receive consideration.
- * All hand and fingerprints MUST be cleaned off with a soft cloth. Use an ammonia-based cleaner (ie. glass cleaner) to remove any fingerprints before applying heat to the unit. Failure to do this will result in burn stains on panels which you will be unable to remove. Not protected by product warranty.
- Note: Do not install the media, vermiculite, embers, and logs until any inner panels are installed.

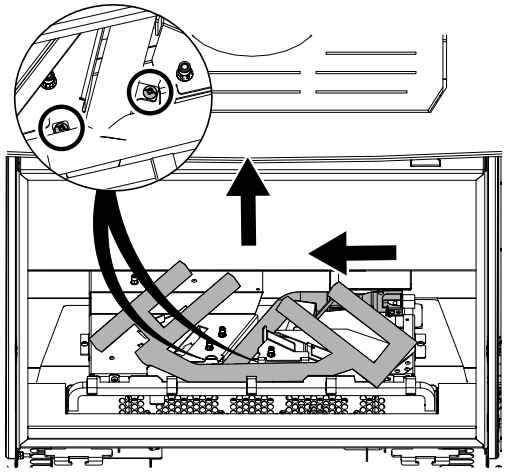
1. Follow steps below to remove the original steel panel from the box.
2. Turn the unit off and allow it to cool to room temperature.
3. Unplug or disconnect the stove power source.
4. Remove the safety screen and glass front (see manual). Also remove log set if installed (see manual).
5. Remove the right rear bracket as shown by removing 3 screws. See below.



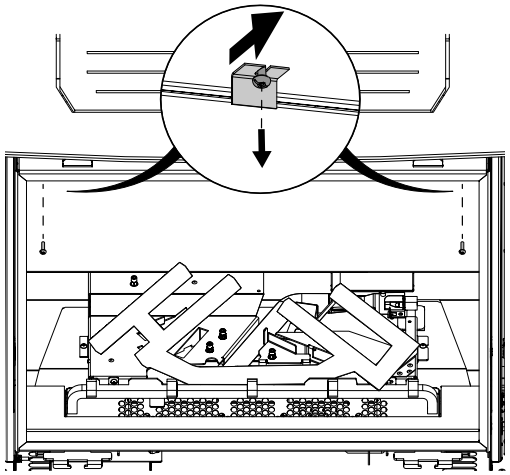
6. Remove the screw on the burner air shutter, which clamps the aeration cable. Keep the L-clamp bracket safely aside with the screw.



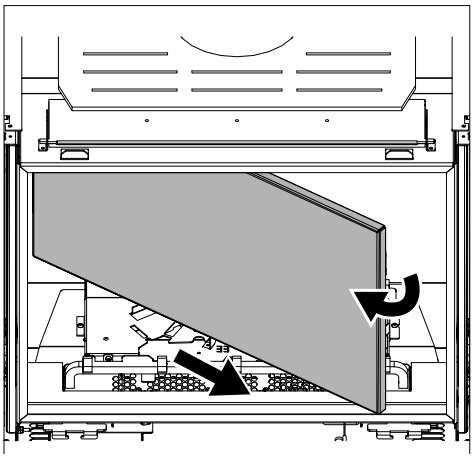
7. Remove the two screws at the front of the burner and slide out the burner.



8. Loosen the screws securing the left and right panel brackets. Remove the panel brackets. NOTE: The panel may fall forward once the brackets are removed.



9. Rotate one side of the rear panel out and remove the installed steel panel. The steel panel may be recycled.



10. Reverse steps to install the new fluted or enamel panel.

## Oak and Birch Log Set Installation (Part #311-931, 311-933 & 311-934)

IMPORTANT

**Read the instructions below carefully and refer to the images. If the logs are broken, do not use the unit until they are replaced. Improper positioning of the logs and may create carbon build-up and can alter the unit's performance. Issues caused by improper log positioning are not covered under warranty.**

**Prior to installing the log set, if purchased, install the optional fluted or enamel panels.**

**These instructions are for use with the following products:**

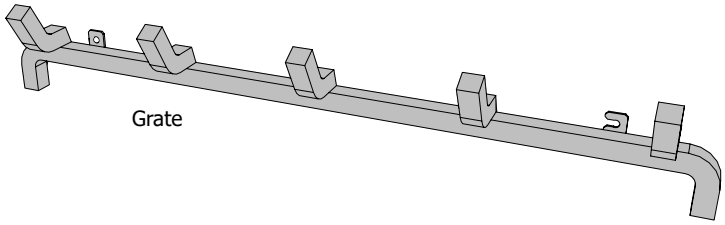
| Part # | Description |
|---|---|
| 311-931 | Log Set Birch |
| 311-933 | Log Set High Definition Oak |
| 311-934 | Log Set Oak |

**This log set includes:**

| | |
|---|---|
| 1 | Rear log |
| 2 | Rear left log |
| 3 | Rear right log |
| 4 | Rear left center log |
| 5 | Rear right center log |

| | |
|---|---|
| 6 | Front left log |
| 7 | Front centre log |
| 8 | Front right Log |
| 9 | Top right log |
| 10 | Top left log |

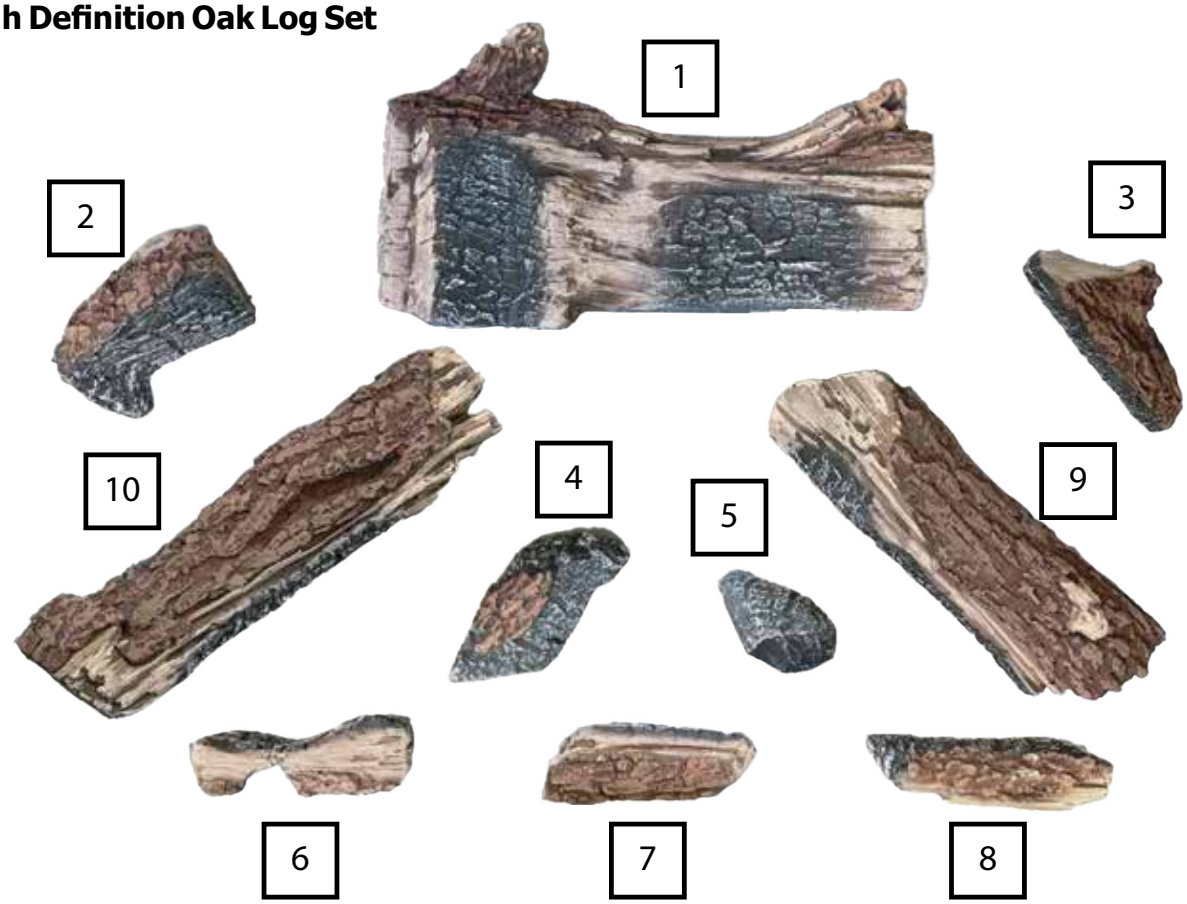
| **Accessories:** |
|---|
| 1 bag of Andriron embers |
| 1 bag of vermiculite black sea wool |
| 1 bag of 3/4" crushed glass |
| 1 bag of black/white embers |
| 1 Log Grate |



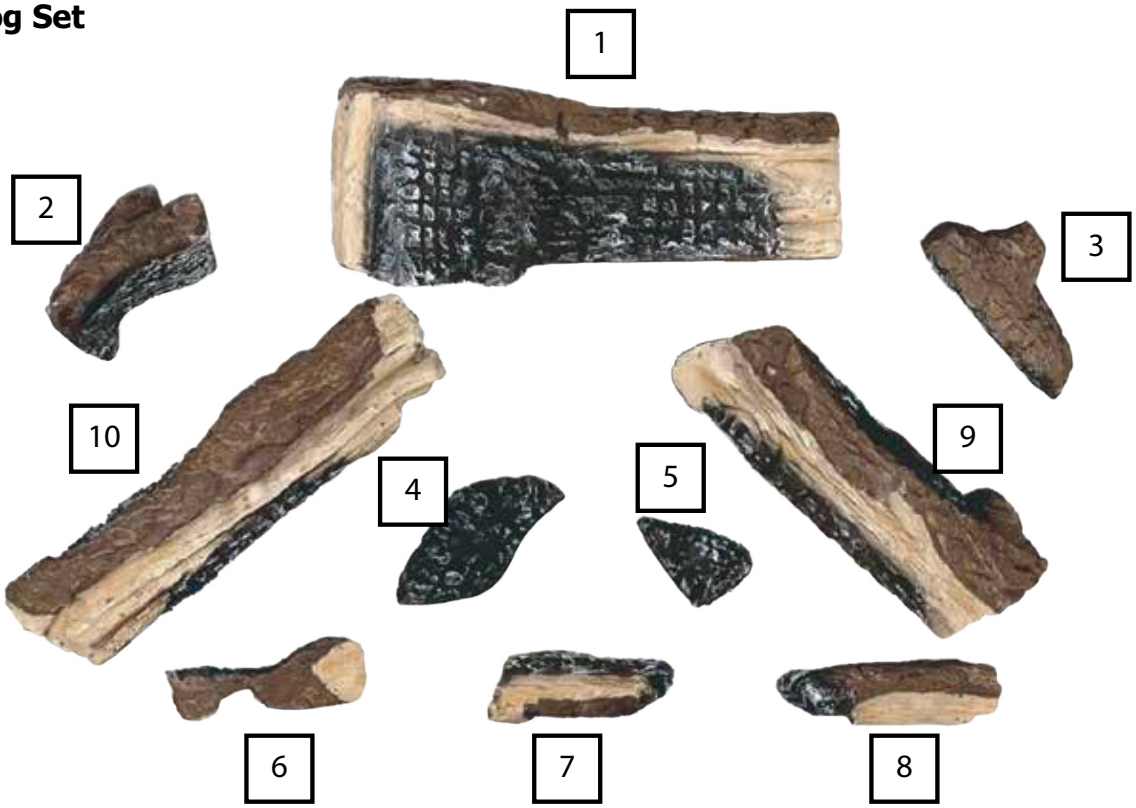

### Birch Log Set



## High Definition Oak Log Set

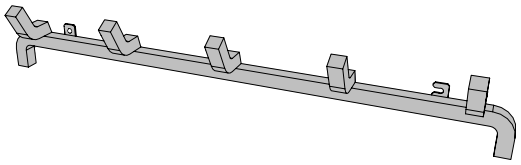



## Oak Log Set

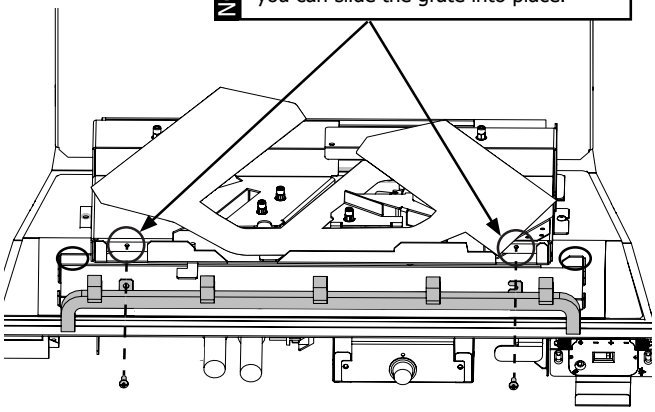


1. Carefully remove the logs from the box and unwrap them. The logs are fragile - handle with care, and do not force them into position.

2. Install the log grate with the two screws provided.



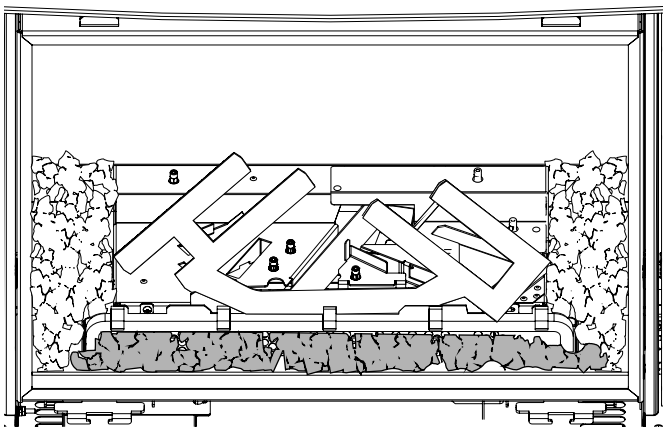
NOTE The screws may need loosening before you can slide the grate into place.



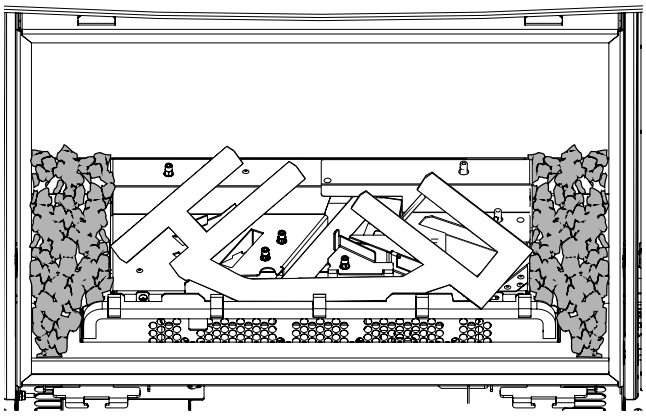
3. Evenly disperse black embers on each side of the burner tray. Ensure the embers sit below the burner tray, so that they do not interfere with logs 2 & 3.

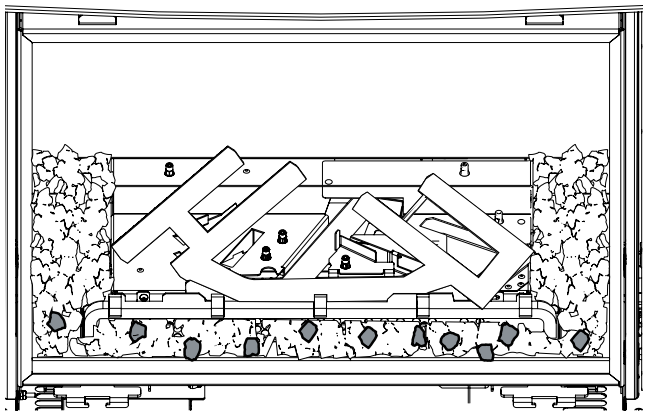
4. Fill the media tray with the 3/4" glass, then scatter the black sea vermiculite on top. The glass can cover parts of the front brick panel.

NOTE Not all media is used in the install, there will be leftover glass and embers.

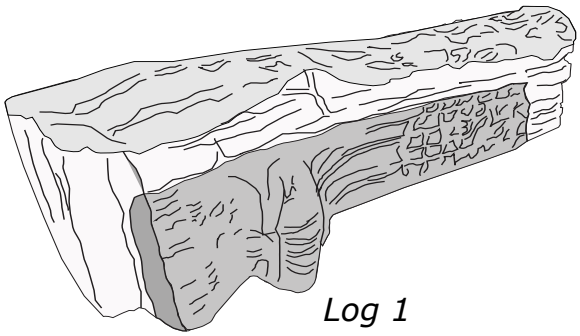


5. Spread the black/white embers along the front panels. When logs 6, 7, and 8 are installed, ensure the embers are not preventing proper log placement. It is also possible to add the embers after all logs are placed.

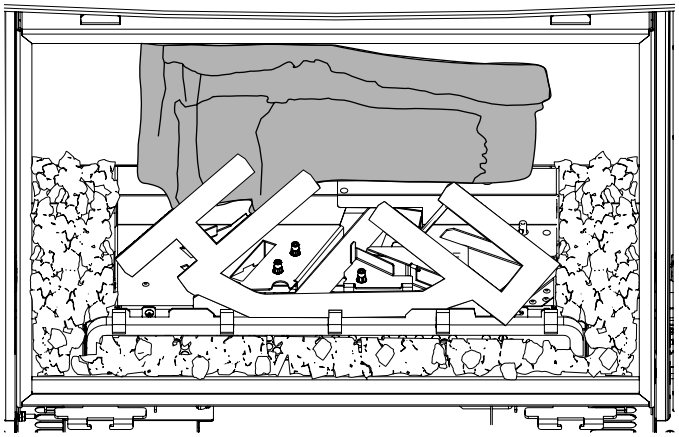




6. Carefully lay Log 1 on the two pins behind the burner. Make sure the left part of the log does not hit the left portion of the burner.



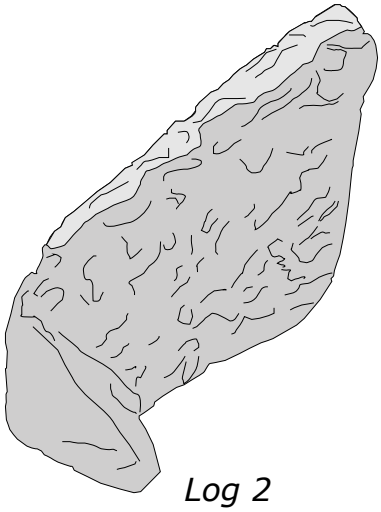
*Log 1*



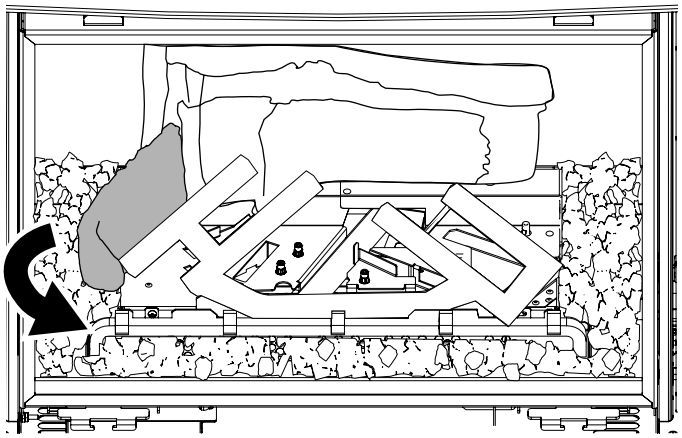
NOTE

The Birch log set (311-931) will look slightly different than shown in the pictures, but the numbering is the same.

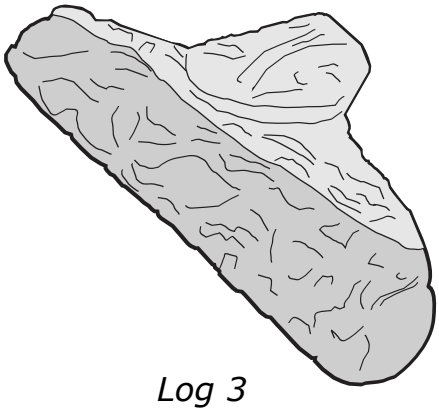
7. Place Log 2 behind the left portion of the burner, resting its right side in the notched area on Log 1. Rotate the front of Log 2 onto the metal flange and ensure it is resting directly on the tray, with no embers underneath.



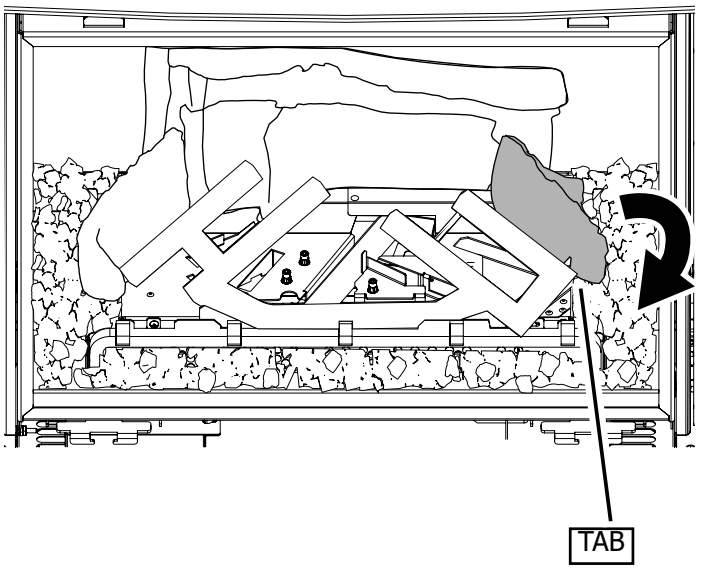
*Log 2*



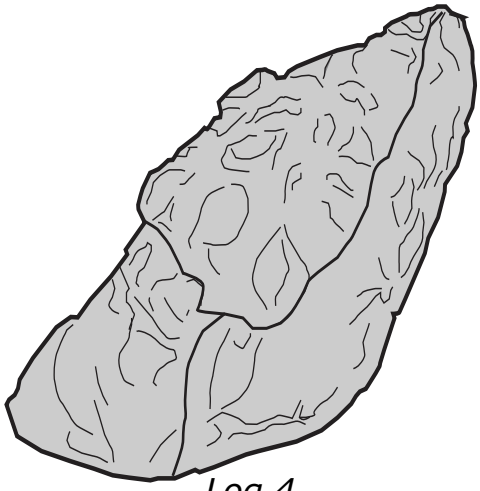
8. Place Log 3 on the pin and rotate it until it touches the tab shown below. Ensure that Log 3 is resting directly on the tray with no embers underneath.



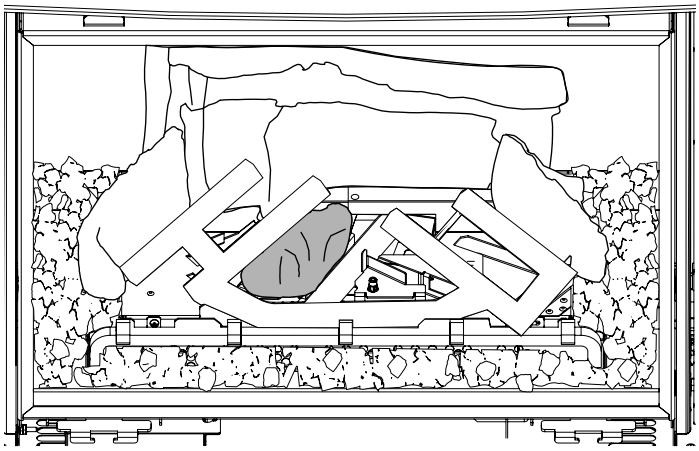
*Log 3*



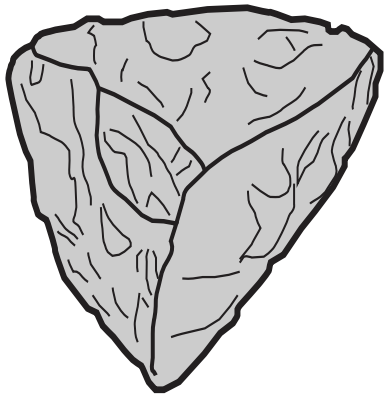

9. Place Log 4 on the two pins under the left burner.



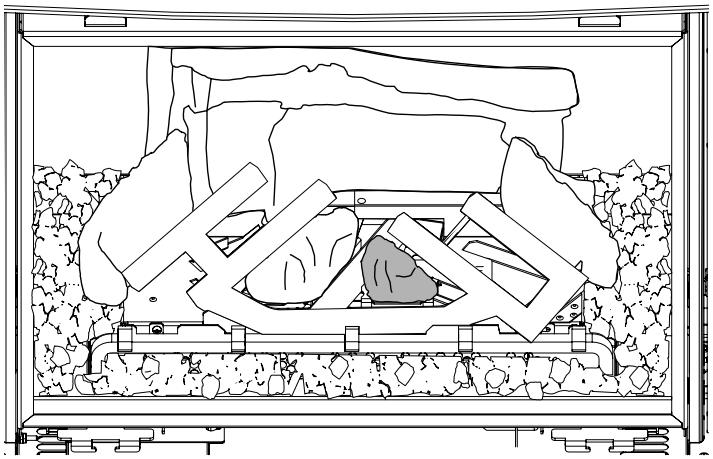
*Log 4*



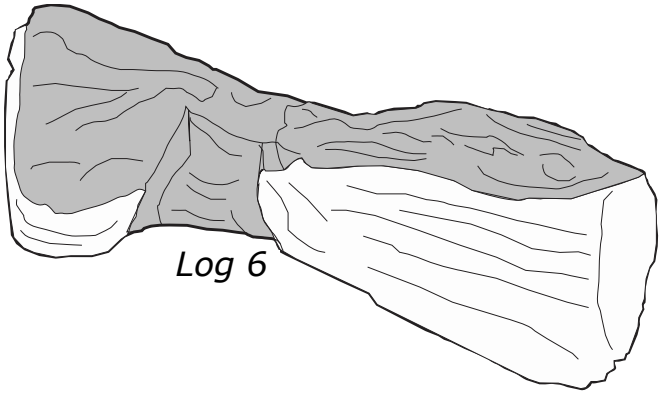
10. Place Log 5 on the pin under the right burner.



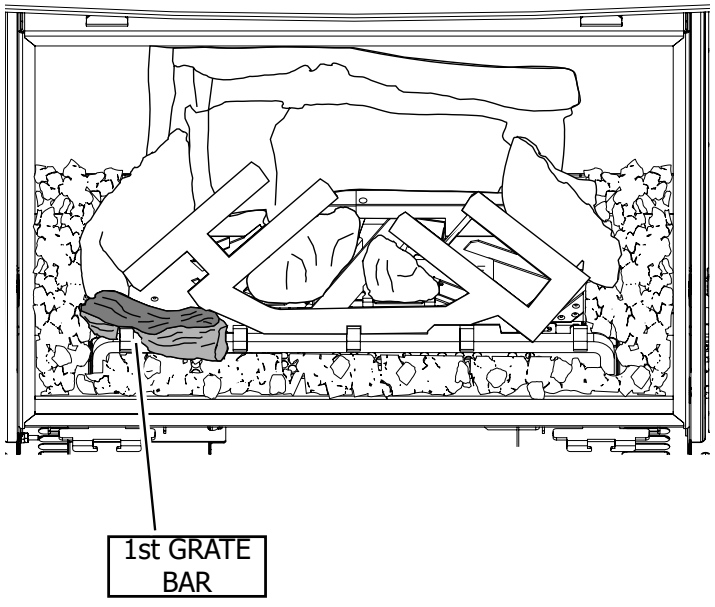
*Log 5*



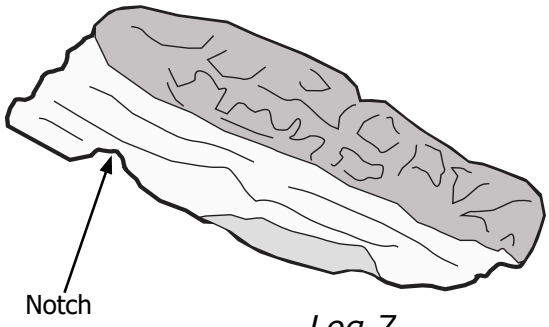
11. Place Log 6 on the grate with the notch on the middle of the log sitting on the first grate bar and the flat section pointing up. Log 6 does not sit on the front panel - it rests on the tab next to the second grate bar. Ensure that there are no embers underneath the log.



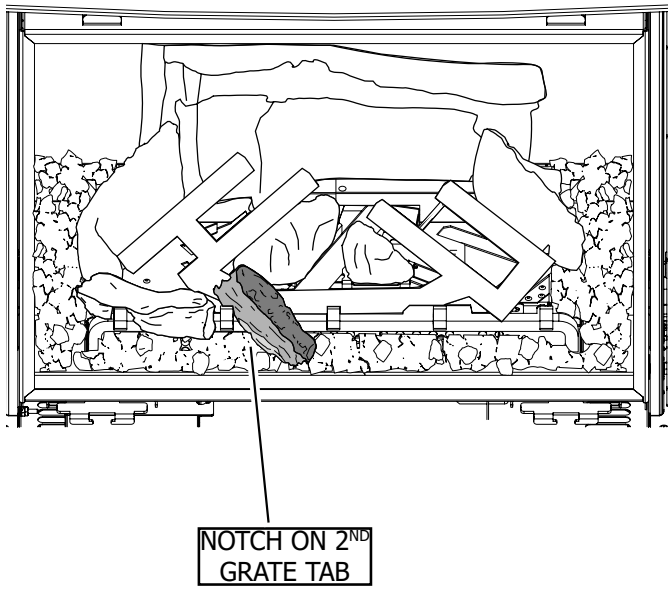
*Log 6*



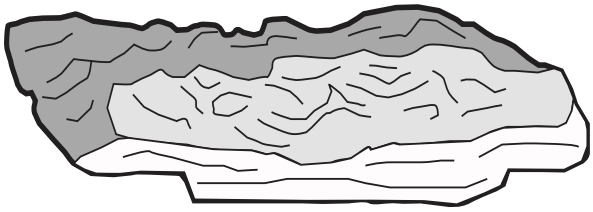
12. Place Log 7 with the notch (shown below) resting on the upper right corner of the second grate bar. Rest the bottom right end of the log on the front panel, ensuring it does not protrude over the bottom edge of the firebox and that there are no embers underneath. This ensures Log 7 sits properly on the grate and does not interfere with the operation of the glass door.



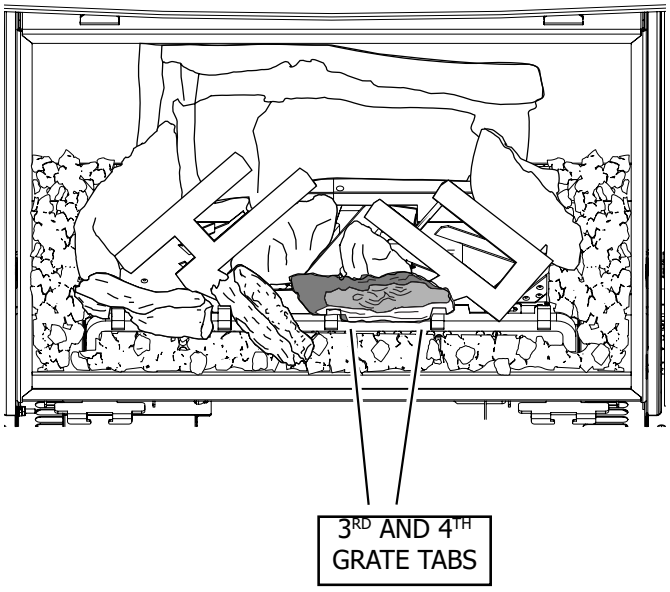

*Log 7*



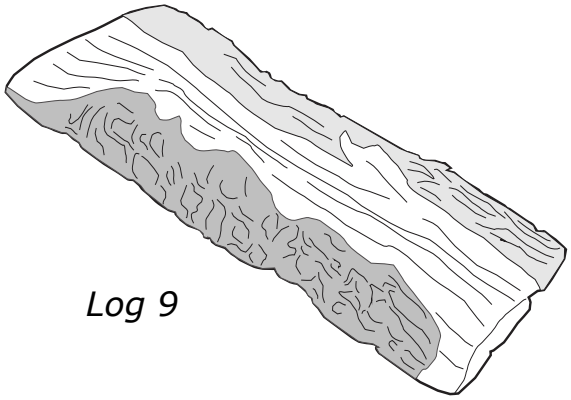

13. Place Log 8 between the third and fourth grate bar. The charred section at the top of the log faces the inside of the firebox.



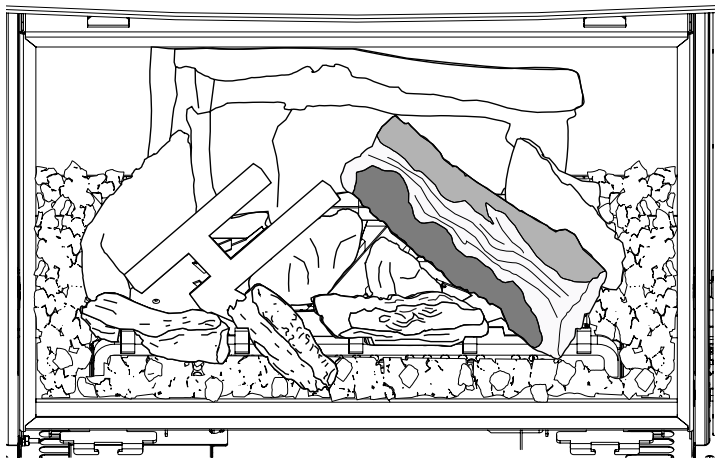
*Log 8*



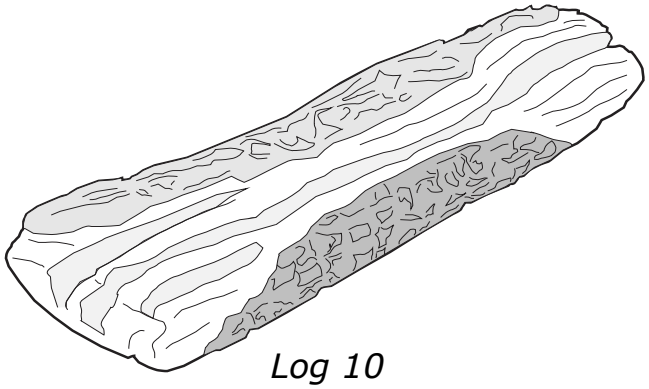
14. Place Log 9 on the right end of the burner. The log rests on the burner, not on the fifth grate bar.



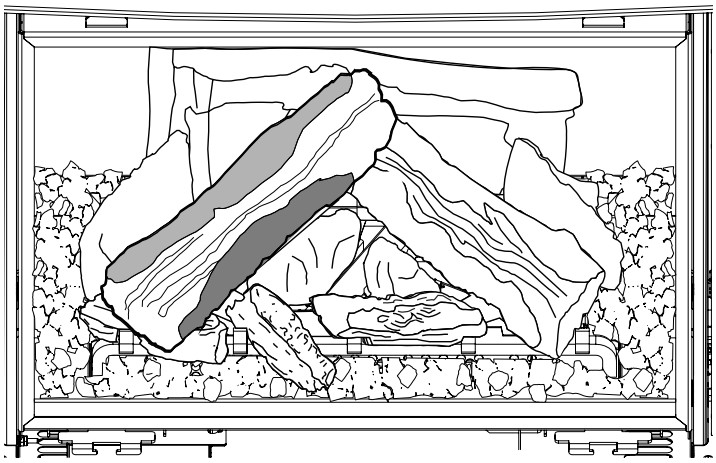
*Log 9*

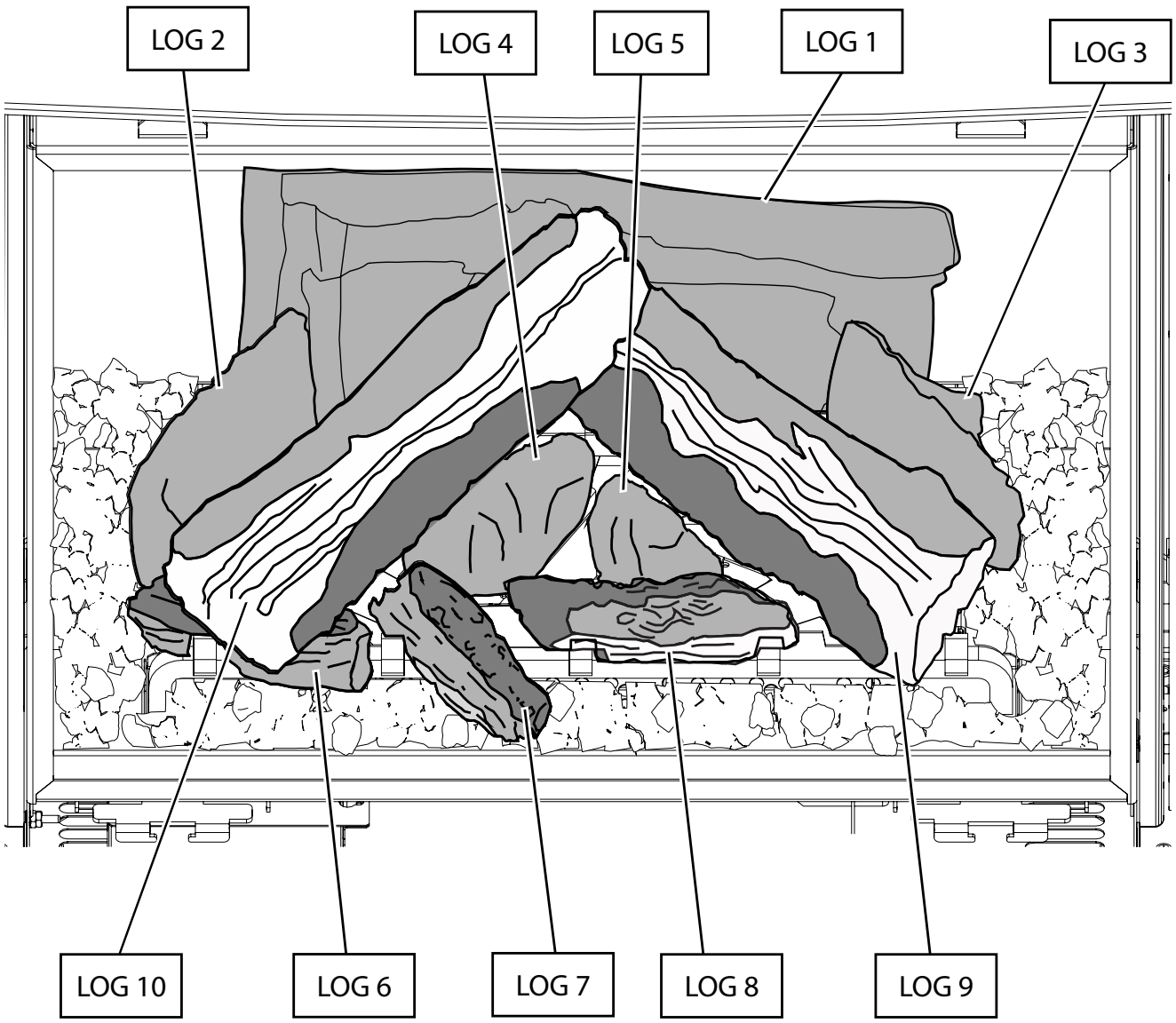


15. Place Log 10 on the left side of the burner. Log 10 should not touch Log 6. Readjust the positioning of Log 6 if necessary, enuring it is resting on the tab beside the second grate bar.



*Log 10*






*Final Placement*

## Driftwood Log Set Installation (Part #311-930/P)

**IMPORTANT**

**Read the instructions below carefully and refer to the images. If the logs are broken, do not use the unit until they are replaced. Improper positioning of the logs and may create carbon build-up and can alter the unit's performance. Issues caused by improper log positioning are not covered under warranty.**

**Prior to installing the log set, if purchased, install the optional fluted or enamel panels.**

**This log set includes:**

| | |
|---|---|
| 1 | Rear Log |
| 2 | Rear Left Log |
| 3 | Rear Right Log |
| 4 | Rear Left Center Log |
| 5 | Rear Right Center Log |

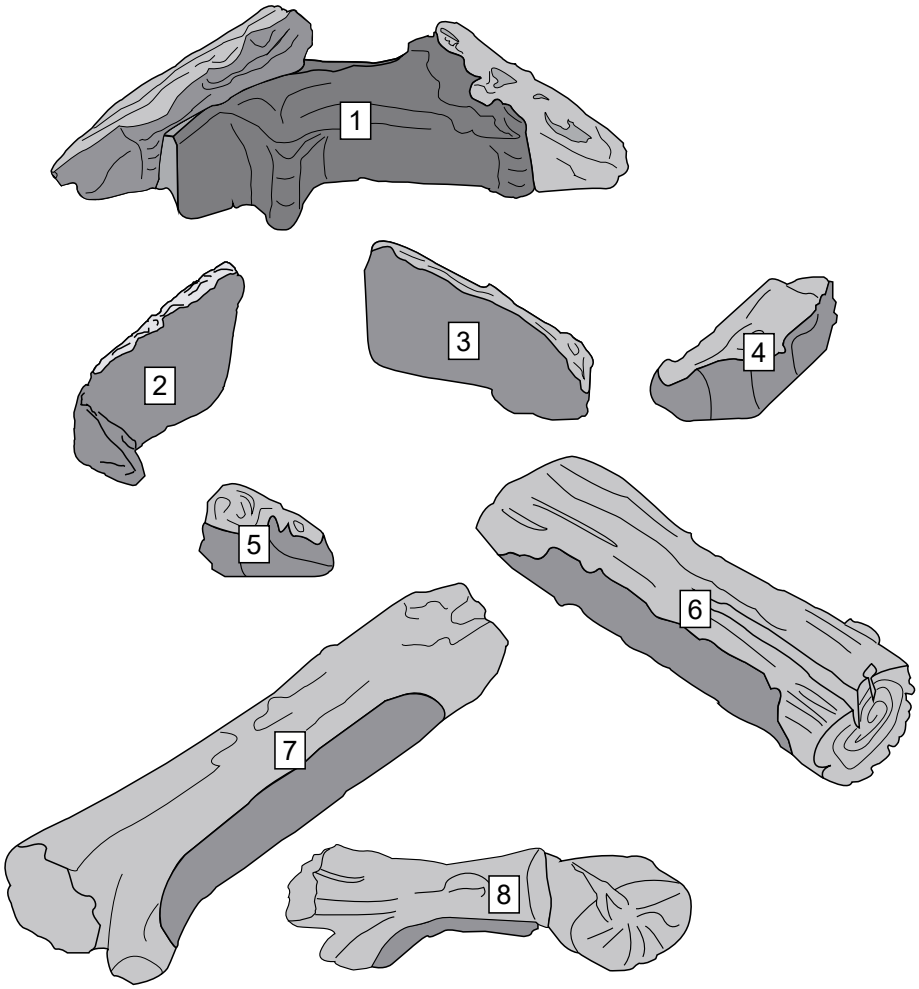
| | |
|---|---|
| 6 | Top Left Log |
| 7 | Top Right Log |
| 8 | Front Log |

| **Accessories:** |
|---|
| 1 box of Andriron embers |
| 1 box of 3/4" crushed glass |
| 1 Front Log Mount |

**NOTE**

Remove the grate if installed prior to installing the Driftwood log set.

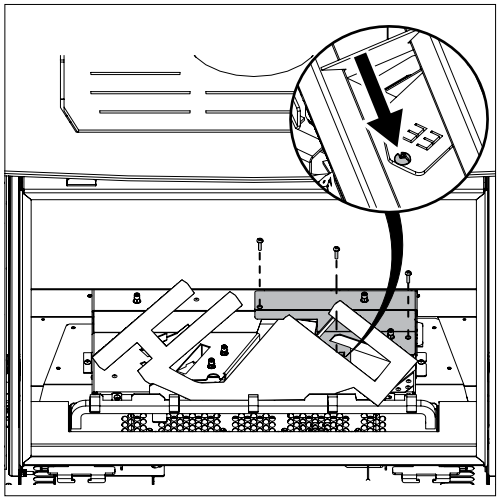
1. Carefully remove the logs from the box and unwrap them. The logs are fragile - handle with care, and do not force them into position.



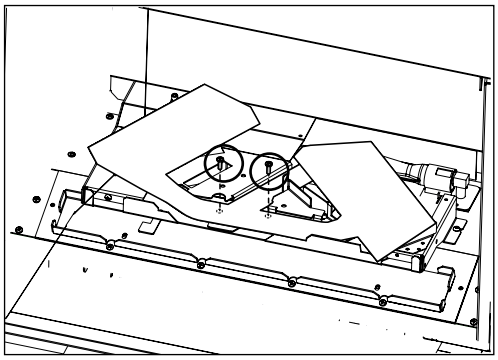

Front Log Mount



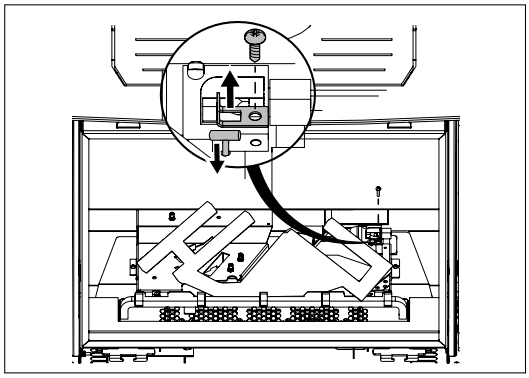
2. Remove the safety screen and glass front (see manual) if not already removed.
3. Remove the right bracket as shown below (3 screws).



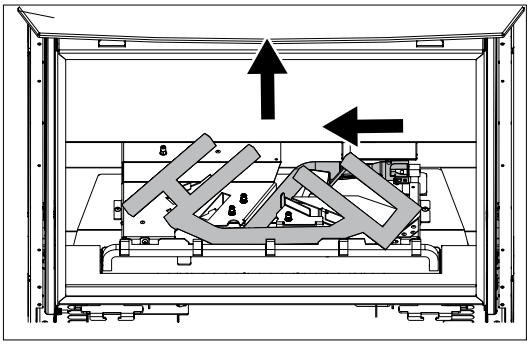
4. Remove the two screws indicated.



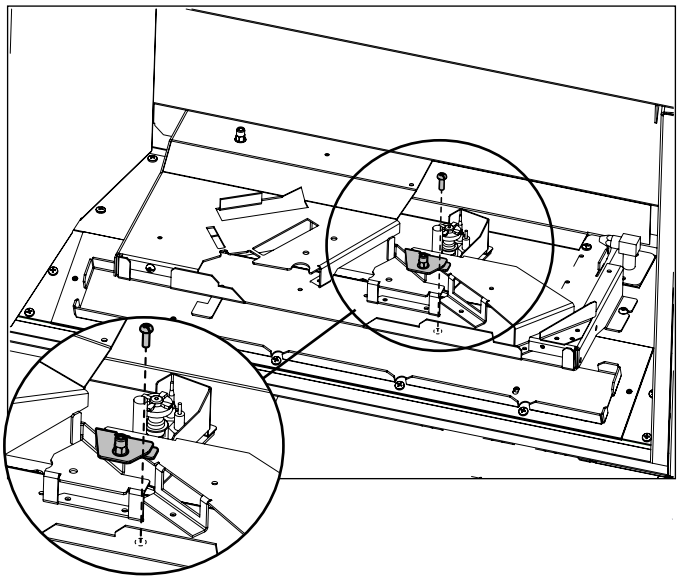
5. Remove the screw on the burner air shutter which clamps the aeration cable. Keep the L-clamp bracket safely aside with the screw.



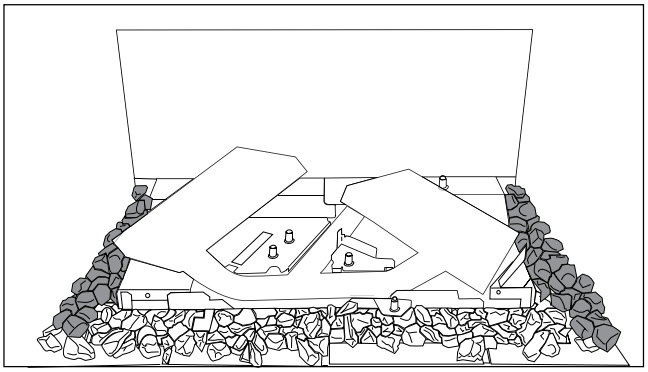
6. Carefully remove the burner.



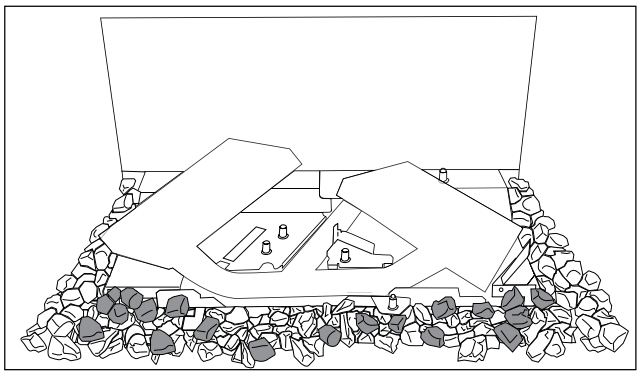
8. Install the Front Log Mount with one screw as shown.



9. Fill the outside of the burner Tray and around the glass tray with black embers as shown. Do not fill the sides of the firebox past the burner tray.

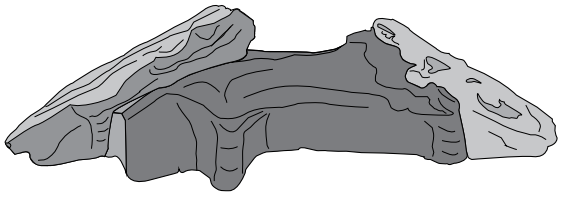


10. Add more 3/4" glass and black embers and fill the rest of the firebox. Mixing the black embers and glass will create a more realistic look.

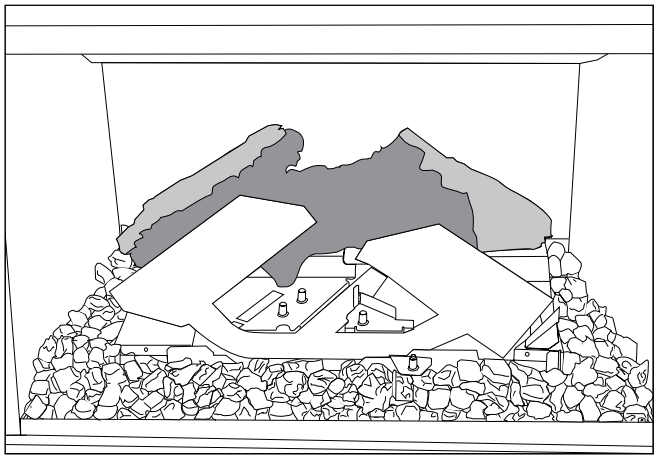


NOTE Not all media is used in the install, there will be leftover glass and embers.

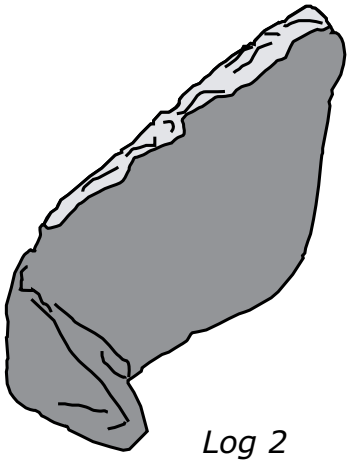
11. Carefully lay Log 1 on the two pins behind the burner. Make sure the left part of the log does not hit the left portion of the burner



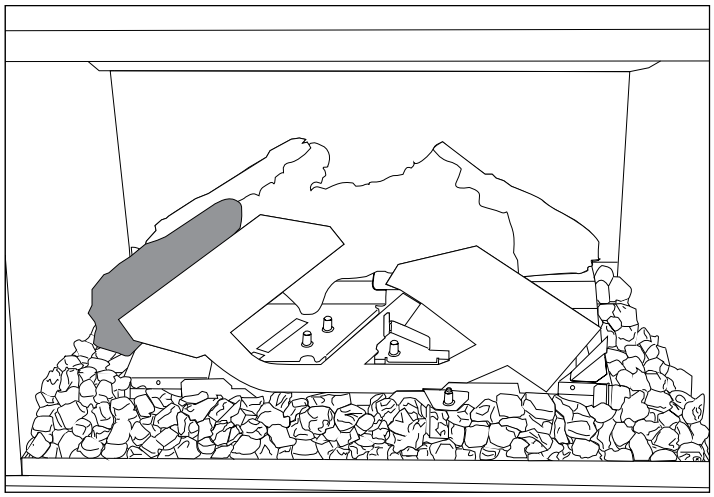
*Log 1*



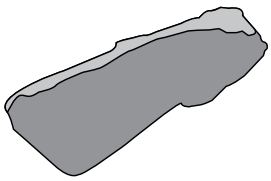
12. Place Log 2 behind the left portion of the burner, resting its right side in the notched area on Log 1. Rotate the front of Log 2 onto the metal flange and ensure it is resting directly on the tray, with no embers underneath.



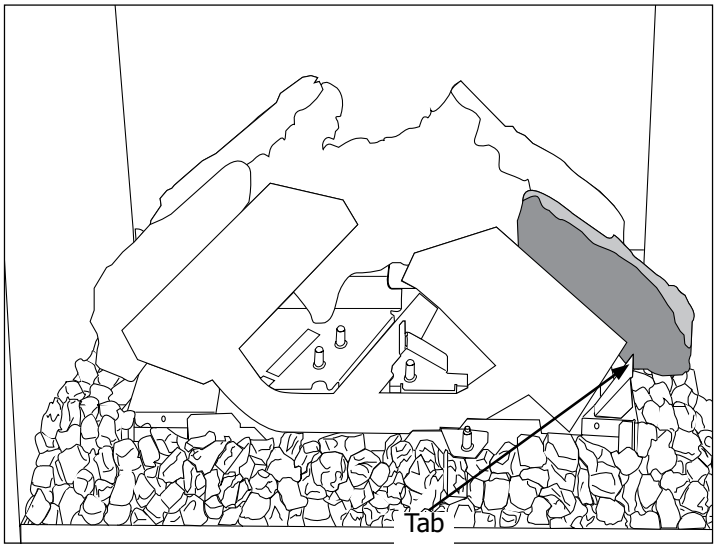
*Log 2*



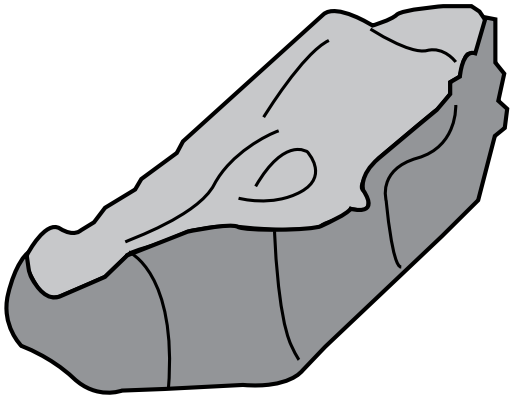
13. Place Log 3 on the pin and rotate it until it touches the tab shown below. Ensure that Log 3 is resting directly on the tray with no embers underneath.



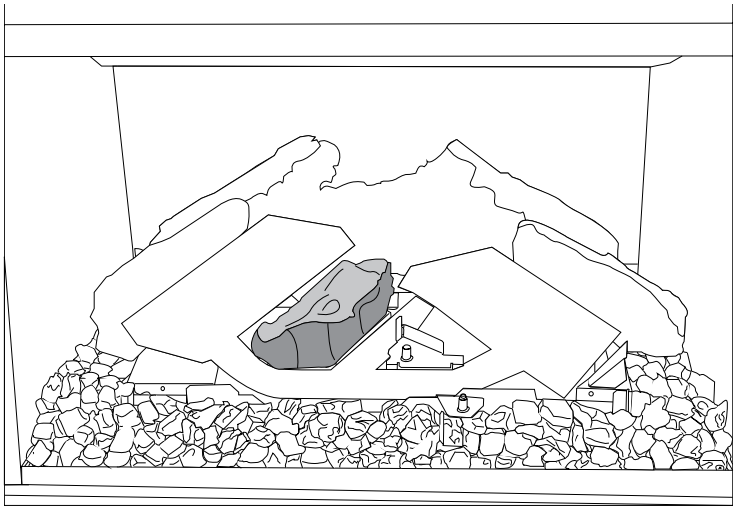
*Log 3*



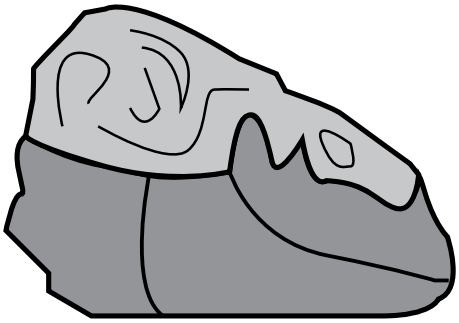
14. Place Log 4 on the two pins under the left burner.



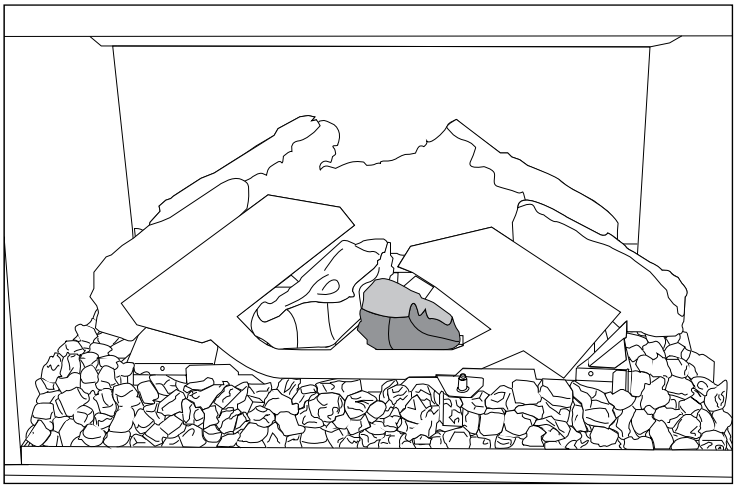
*Log 4*



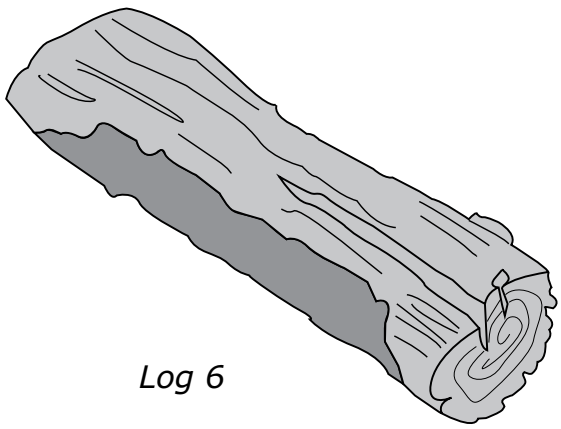
15. Place Log 5 on the pin under the right burner.



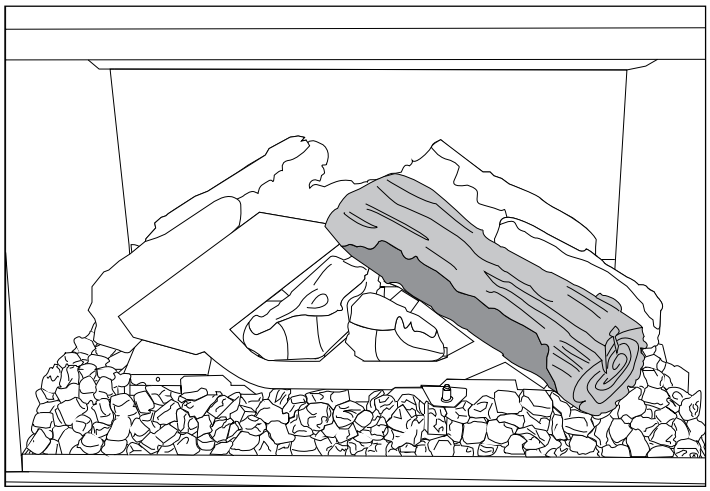
*Log 5*



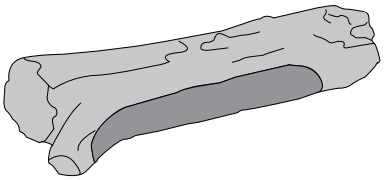
16. Place Log 6 on the right end of the burner. The log rests on the burner.



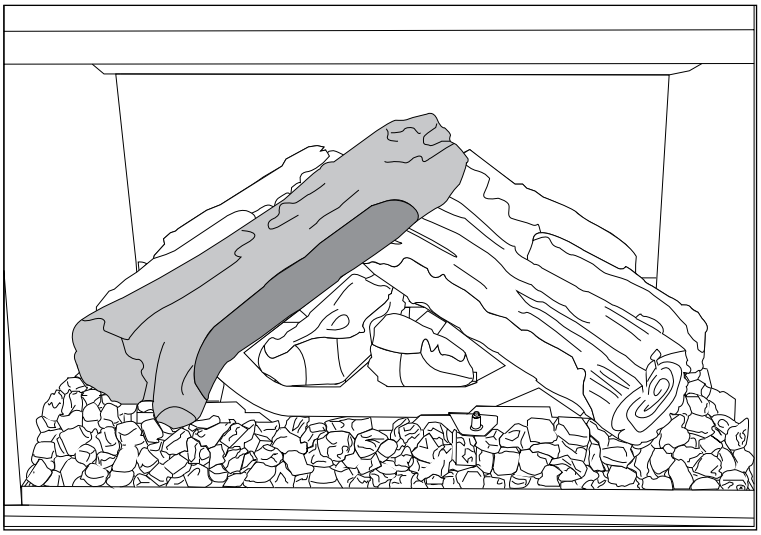
*Log 6*



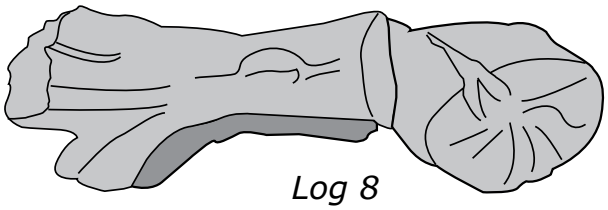
17. Place Log 7 on the left of the burner. The log rests on the burner.



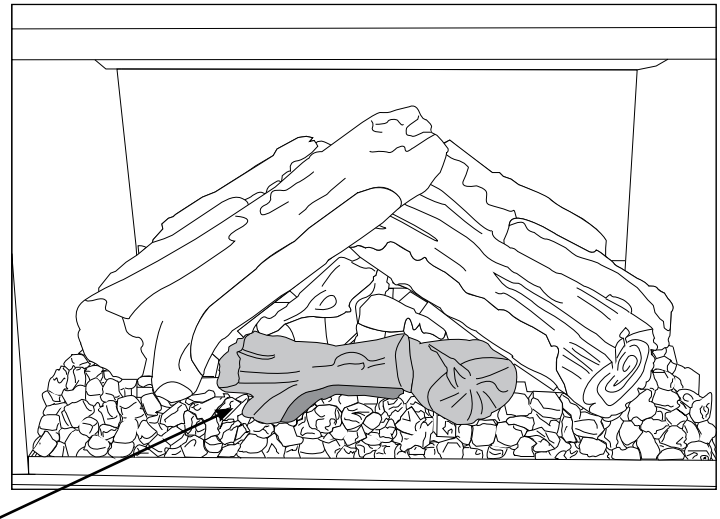
*Log 7*



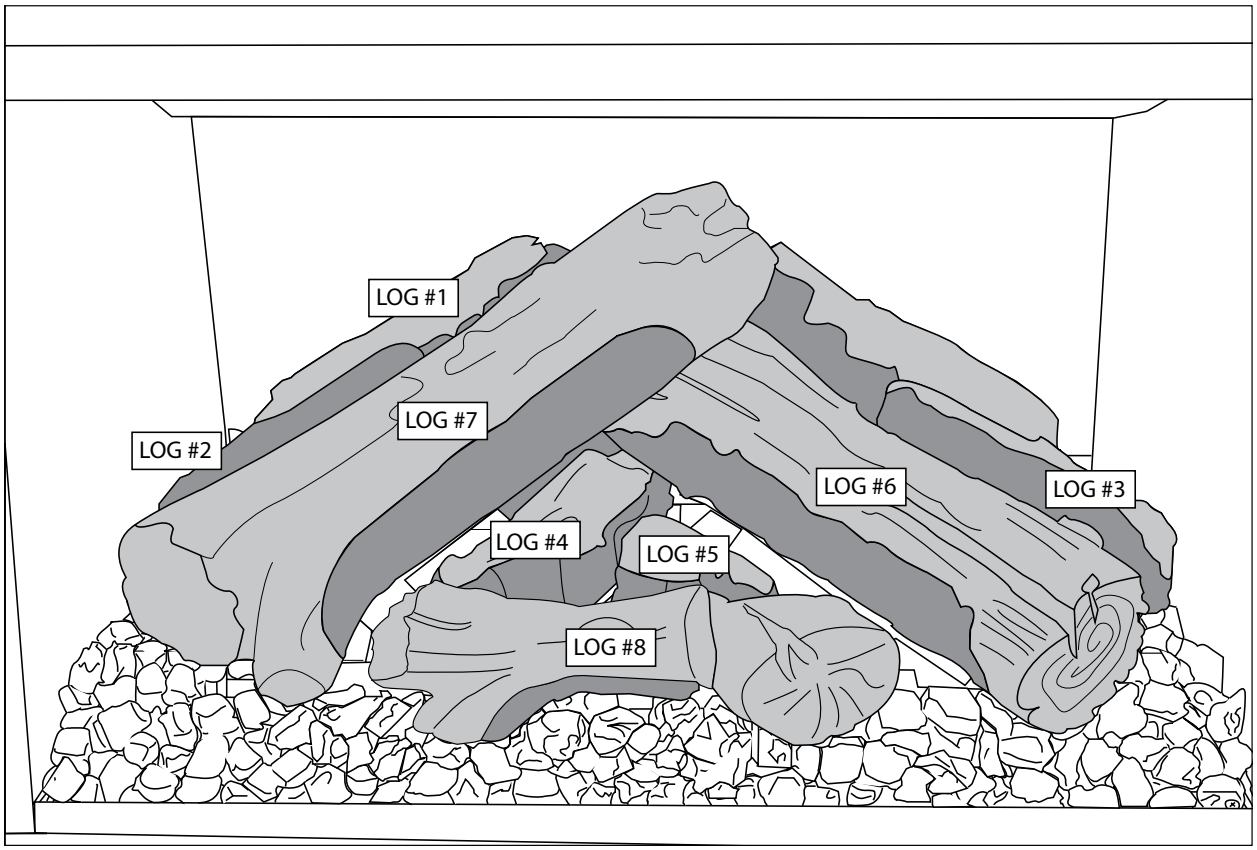
18. Place Log 8 on the pin on the front log mount. The other end will rest on the ember media.



*Log 8*



NOTE:
IGNORE TAB UNDER BURNER TRAY, THIS IS UTILIZED ON THE OAK/BIRCH LOG SET. COVER TAB WITH EMBER OR GLASS MEDIA.




*Final Placement*

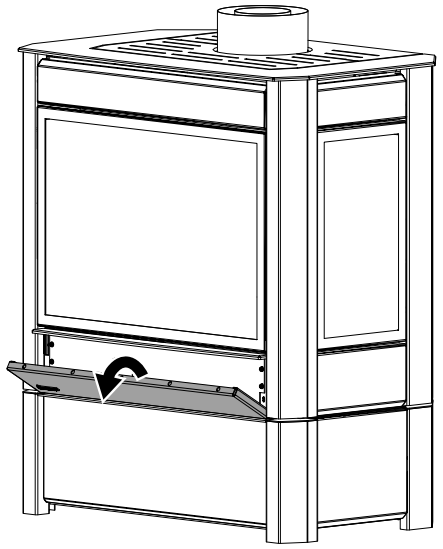
## Aeration Adjustment

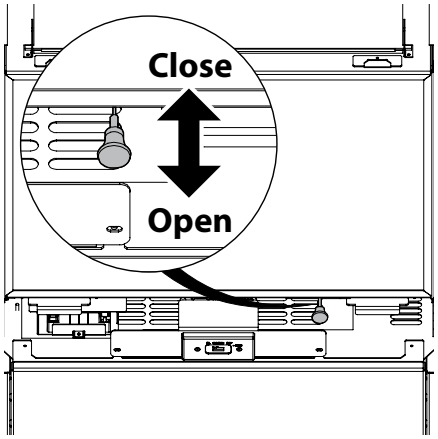
The burner aeration is factory set but may need adjusting due to either the local gas supply or altitude.

Natural Gas: 1/4" (6 mm) open
Propane: Full open

The aeration adjustment knob is located behind the control panel on the right side of the unit. Pushing the knob in will close the air shutter and pulling it out will open it.

**WARNING: DO NOT ADJUST. FOR INITIAL INSTALLATION ONLY.**
**USED BY THE INSTALLER ONLY.**
**CARBON/SOOTING WILL BE PRODUCED IF NOT SET CORRECTLY.**



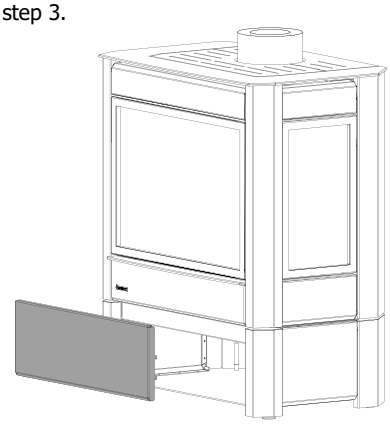


## Optional WIFI Dongle Installation

Caution: The gas supply shall be shut off to the appliance & 120 Volt AC power must be disconnected, before proceeding with the WIFI Kit Installation.

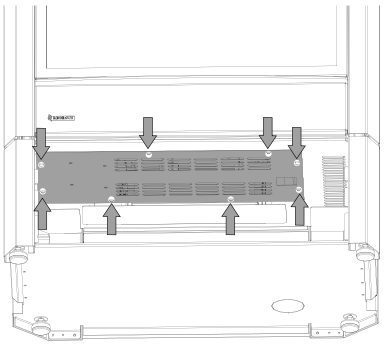
### Access Panel Removal

1. Lift the Cover Panel: lift the cover panel upward as shown below. If legs are installed, skip to step 3.

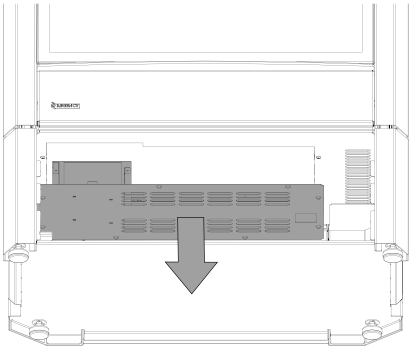


2. Remove the Cover Panel: Pull the cover panel outward to fully remove it from the stove structure (see image below).
   Important: store the cover panel in a safe place for reinstallation after servicing.

3. Loosen Key Screws: Loosen the screws on the keyholes, then slide the tray backward to release it.

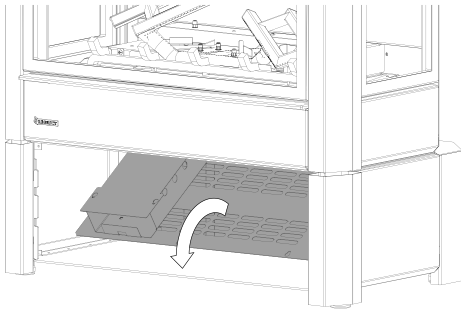


4. Remove the Tray: Pull the tray downward to detach it from the unit.

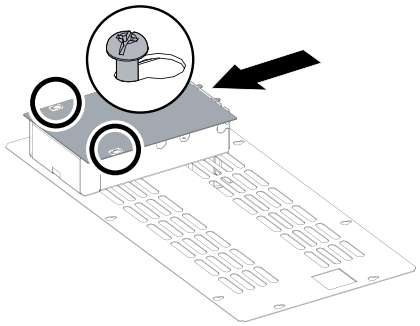


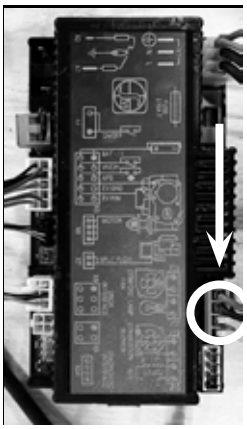
**Note: Before disconnecting wires ensure you mark wires so you know how to reconnect when reassembling. See diagrams.**

5. Tilt the tray downward as shown in the illustration and ensure that all cables are disconnected before removing the tray from the unit. Loosen the keyhole screws to remove the cover of the control box.



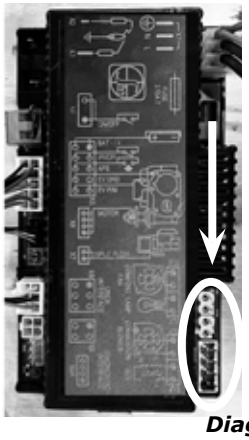
6. Remove the Cover: Loosen the 2 screws on the keyholes, then slide the cover off as illustrated.





Shown with wires connected

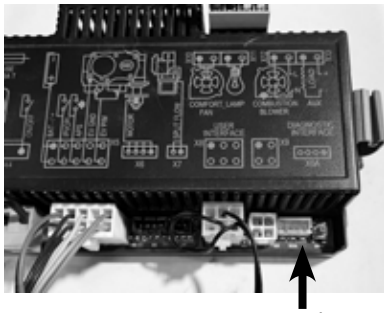
***Diagram 1***



Shown with 2 wires disconnected

***Diagram 2***

7. Locate the dongle connection (X0A). See diagram 3.



X0A Terminal

***Diagram 3***

8. Line up the tabs on the dongle with the notches on the IFC connection and insert the cable into the connection. See diagram 4.



WIFI Dongle connected to XOA terminal

***Diagram 4***

9. Apply Velcro strips to the bottom of the dongle and to the rear of the IFC tray. See diagrams 5 & 6.

Velcro affixed to WIFI dongle

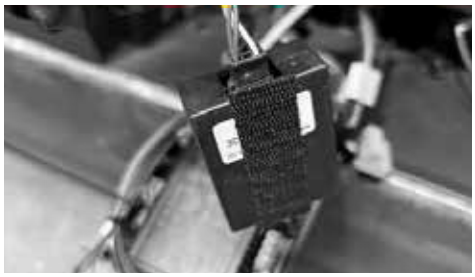


***Diagram 5***

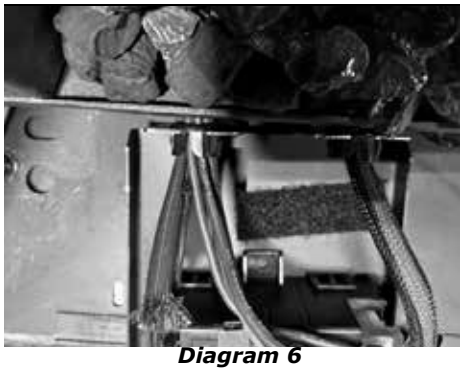
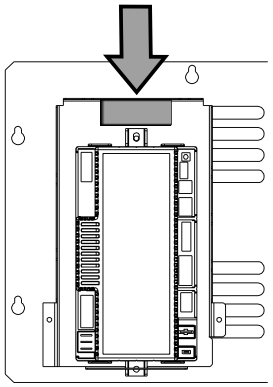


***Diagram 6***

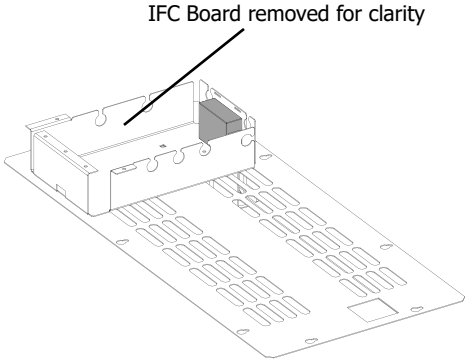
10. Attach the dongle onto the IFC tray. See diagram 7.

Affixed to IFC tray



11. Access the Wi-Fi Dongle: With the cover removed, the Wi-Fi dongle will now be accessible.

IFC Board removed for clarity



12. Reverse steps 1-7.

**Note:** Ensure when sliding the IFC tray back into position that the wires do not come into contact with the firebox base or fan/blower motor.

**13. Gas supply can be turned back on & 120 Volt Ac power may be reconnected.**

**14. See QR code below or on box from this WIFI kit to install the Proflame app.**

## Wiring Diagram (Without Wall Thermostat)

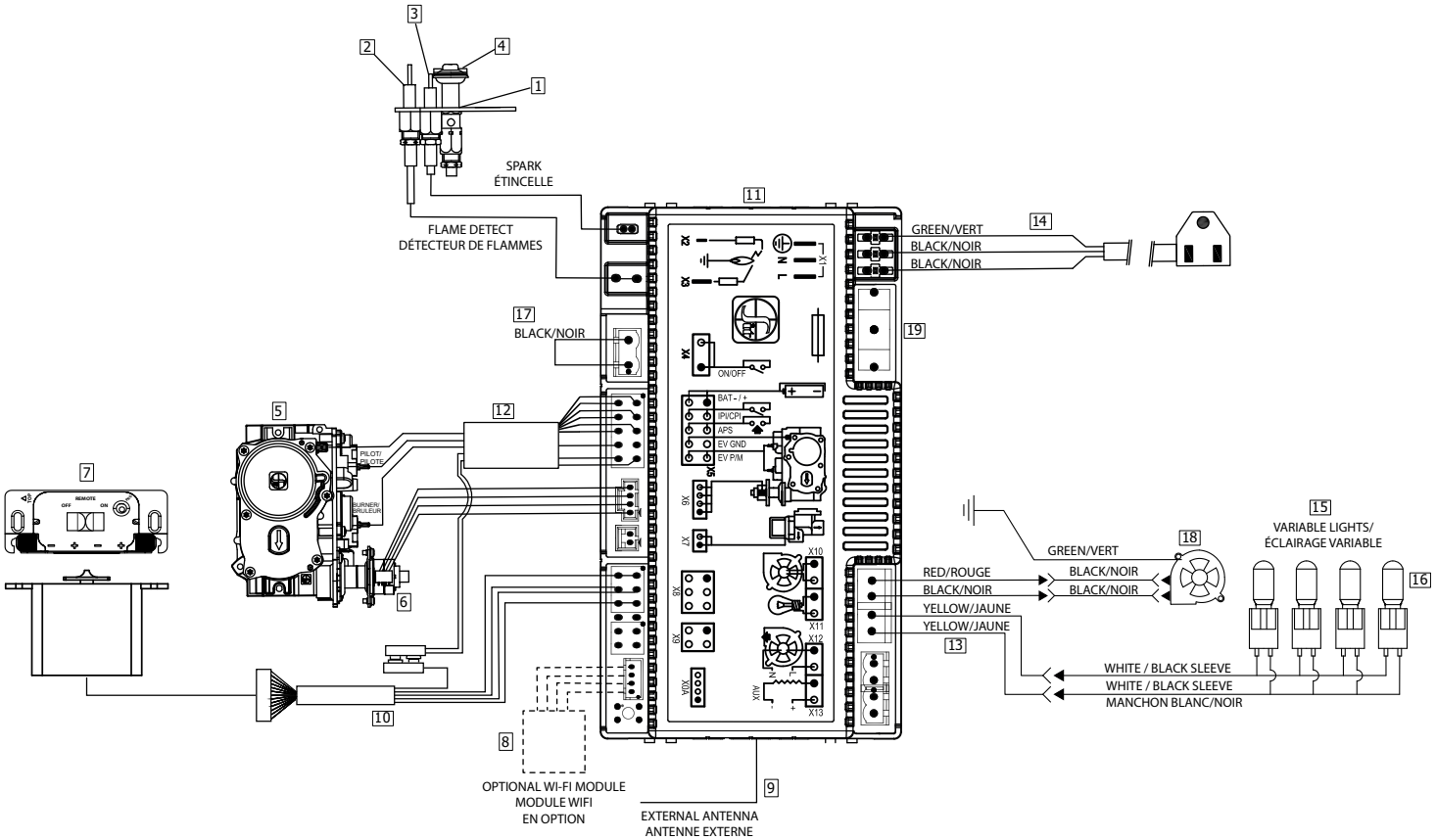
**WARNING:**
**Electrical Grounding Instructions**
**This appliance is equipped with a three pronged (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.**

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. However, 120 volt AC power is required for both the fan and lights.

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 lights will not operate during a power outage.

**CAUTION: Ensure that the wires do not touch a hot surface and are away from sharp edges. Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.**



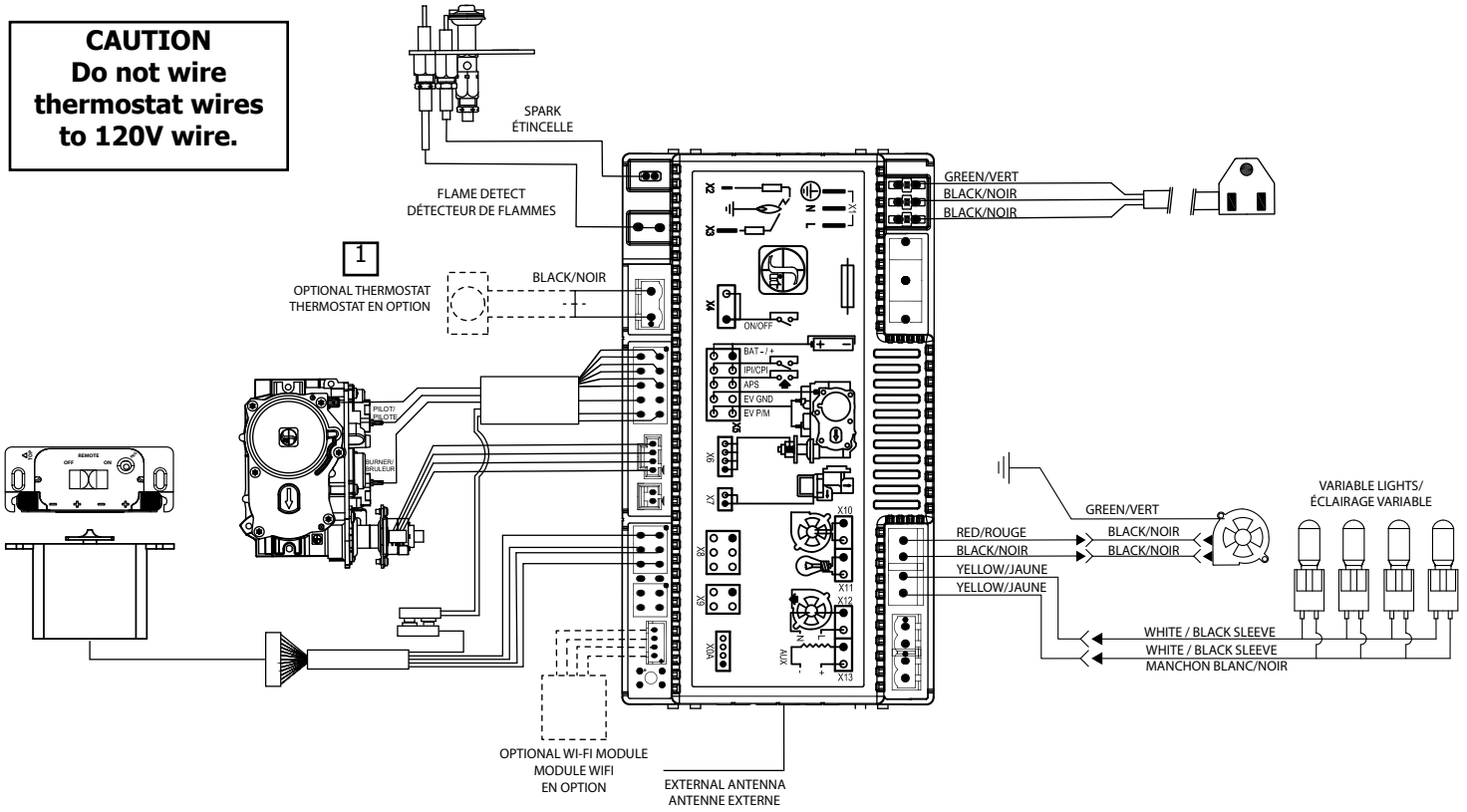

| Item | Part # | Description |
|---|---|---|
| 1 | 911-276 | Pilot Assembly IPI NG 2 Flame 0.199.067 |
| 1 | 911-277 | Pilot Assembly IPI LP 2 Flame (Reg)(Top) |
| 2 | 911-037 | Sense Electrode & Cable Red End 0.915.905 |
| 3 | 911-038 | Spark Electrode Cable Blk End 0.915.020 |
| 4 | 911-039 | Pilot Hood 2 Flame Sit SureFire 0.975.005 |
| 5 | 911-084 | Valve NG 885 SIT IPI 0.885.001 |
| 5 | 911-085 | Valve LP 885 SIT IPI 0.885.002 |

| Item | Part # | Description |
|---|---|---|
| 6 | 911-010 | Stepper Motor NG For 885/886 SIT 0.907.013 |
| 6 | 911-011 | Stepper Motor LP For 885/886 SIT 0.907.012 |
| 7 | 911-337/P | Holder Battery W/Switch 0.584.103 Pkgd |
| 8 | 946-799 | Wi-Fi Kit |
| 9 | 911-210 | External Antenna IFC Shielded Harness 315MHz |
| 10 | 911-282 | Wire Harness Battery Box Proflame II .584.922 |
| 11 | 911-311/P | IFC Board SIT Proflame II Wi-Fi 7day PV+5 Sec. FFRT 0.584.665 (Includes 911-210) |

| Item | Part # | Description |
|---|---|---|
| 12 | 911-173 | Wire Harness IFC No CPI Switch 584.924 |
| 13 | 911-177 | Wire 4 Pos IFC Fan & Light |
| 14 | 911-179 | Power Cord IFC Proflame II 120 Volts |
| 15 | 911-312 | Light Assy Bttm (Housing/Wires Assy/Bulb Socket/Light Bulb) |
| 16 | 911-297 | Light Bulbs G9/ 120V/18W (Each) - 4 Per Unit |
| 17 | 911-193 | Connector W/Jumper |
| 18 | 711-509/P | Fan Kit |
| 19 | 911-182 | Fuse 3.15A 250V 5mm x 20mm Littelfuse |

## Wiring Diagram (With Optional Wall Thermostat)

**CAUTION**
**Do not wire thermostat wires to 120V wire.**




This unit ships with a full function remote control as standard equipment. This allows for control of all features as well as the ability to operate as a thermostat. With the addition of an optional wall cradle (820-477-AWT) available from an authorized dealer, the remote can reside on a wall and carry out all the functions of a typical millivolt wall thermostat as well as being able to control the fan speed, lights and the flame height. This is the recommended procedure for operating the unit with a thermostatic set point. If a millivolt wall thermostat is required for bedroom installation or as preferred method of controlling the stove, follow the instructions below.

**Optional Wall Thermostat Installation**
A wall thermostat may be installed if desired, connect the wires as per the wiring diagram. Use the table below to determine the maximum wire length. Recommended: The Wall Thermostat should be mounted on an interior wall.

1) Run wires from thermostat into the IFC through the back of the unit.
2) Remove the jumper wire from X4 of the IFC and connect the thermostat wires to X4.
3) Slide the battery holder switch to the ON position. The Battery holder switch would need to be in the ON position at all times.
4) The wall thermostat will now control the ON/OFF function of the appliance.

**NOTE:** When the battery holder is set to ON position, the remote control transmitter and all of its features are now disabled. With this option, you lose control of the fan, lights and flame height adjustments as these are all built into the hand held remote control.

| Item | Part # | Description |
|---|---|---|
| 1 | 911-138 | Thermostat Digital Non-Programmable |
| 1 | 910-404/P | Thermostat Wall Programmable |

### Thermostat Wire Table

| Recommended Maximum Lead Length (Two-Wire) When Using Wall Thermostat (CP-2 System) | |
|---|---|
| Wire Size | Max. Length |
| 14 GA. | 50 ft (15 m) |
| 16 GA. | 32 ft (10 m) |
| 18 GA. | 20 ft (6 m) |
| 20 GA. | 12 ft (4 m) |
| 22 GA. | 9 ft (3 m) |

## 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.**

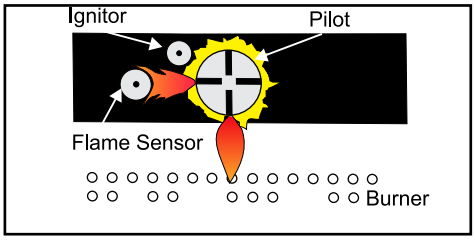
**DO NOT USE THIS APPLIANCE IF ANY PART HAS BEEN UNDER WATER. IMMEDIATELY CALL A QUALIFIED SERVICE TECHNICIAN TO INSPECT THE APPLIANCE AND TO REPLACE ANY PART OF CONTROL SYSTEM AND ANY GAS CONTROL WHICH HAS BEEN UNDER WATER.**

**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.**

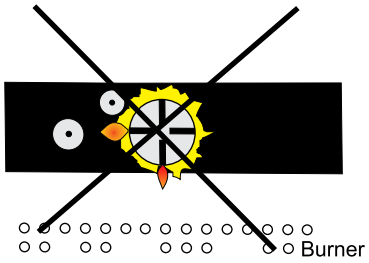
**8)** Each time the appliance is lit, it may cause condensation and fog the glass. This condensation and fog is normal and will disappear in a few minutes as the glass heats up.

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




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

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




*Top View of Pilot flame*

## 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.**

## Fan Maintenance/Replacement

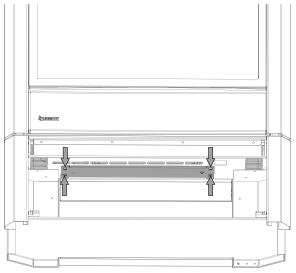
If your fan requires maintenance or replacement, follow the steps below.

**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.**

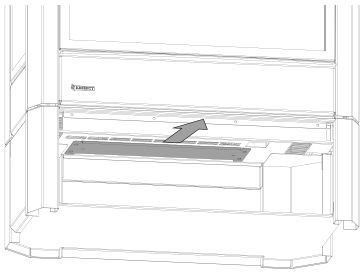
**IMPORTANT**
**Disconnect power supply before servicing**

**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.**

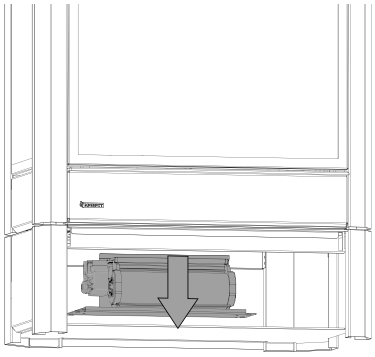
1. Disconnect the appliance from the power supply before starting any service.
2. Allow the unit to cool completely before handling internal components.
3. Loosen Key Screws: Using the appropriate tool, loosen the four key screws. Do not remove the screws completely.



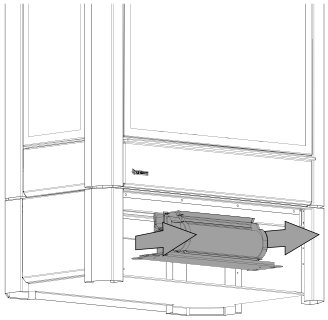
4. Slide Out the Fan Tray: Carefully slide the fan tray forward to disengage it from the stove assembly.



5. Lower the Fan Tray: Gently lower the tray containing the fan. Ensure the tray is fully supported to prevent damage to wiring or components.



6. Disconnect and Remove Fan: Verify that all wires and the ground wire are reattached / fully disconnected from the fan assembly.
   Once confirmed, remove the fan unit from the stove for inspection, replacement, or servicing. Mark wires for ease of reinstalling new fan.



**Important: Reinstall all components in reverse order.**
**Ensure the ground wire and all electrical connections are secure before restoring power to the unit.**

## Front & Side/Glass Gasket

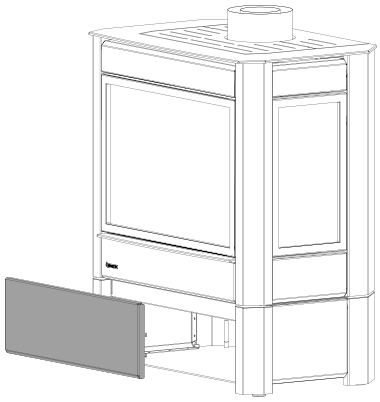
If the glass gasket requires replacement use Part # 846-700 Gasket Tadpole Tape 6AL ½" Bulb Graphite w/1"PSA (7') (936-273). 1 kit is required for each front or side glass. See your Regency® dealer.

## IFC Replacement

Caution: The gas supply shall be shut off to the appliance & 120 Volt AC power must be disconnected, before proceeding with the WIFI Kit Installation.

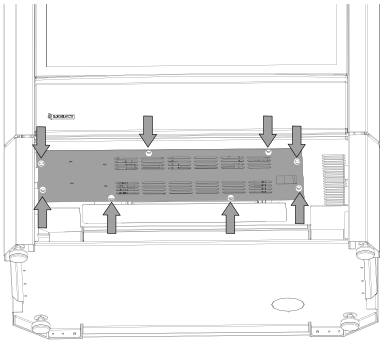
### Access Panel Removal

1. Lift the Cover Panel: lift the cover panel upward as shown below. If legs are installed, skip to step 3.

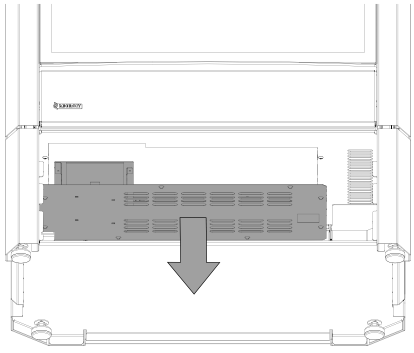


2. Remove the Cover Panel: Pull the cover panel outward to fully remove it from the stove structure (see image below).
   Important: store the cover panel in a safe place for reinstallation after servicing.

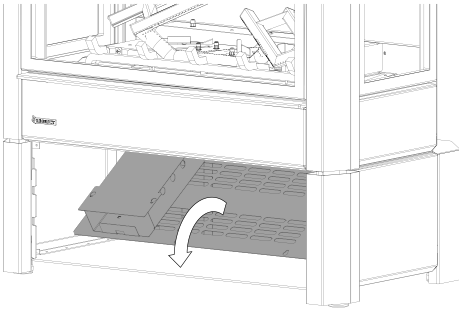
3. Loosen Key Screws: Loosen the screws on the keyholes, then slide the tray backward to release it.



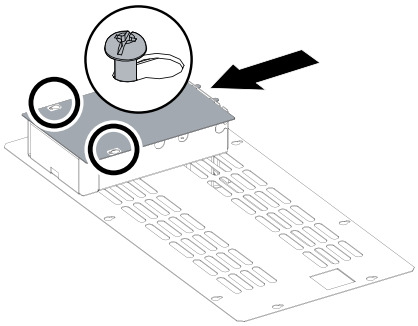
4. Remove the Tray: Pull the tray downward to detach it from the unit.



5. Tilt the tray downward as shown in the illustration and ensure that all cables are disconnected before removing the tray from the unit. Loosen the keyhole screws to remove the cover of the control box.



6. Remove the Cover: Loosen the 2 screws on the keyholes, then slide the cover off as illustrated.



7. Disconnect any necessary wiring or replace IFC board.

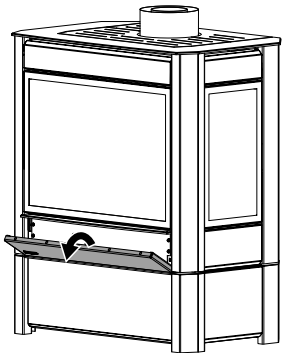
**Note: Before disconnecting wires ensure you mark wires so you know how to reconnect when reassembling. See wiring diagrams.**

## Valve Replacement

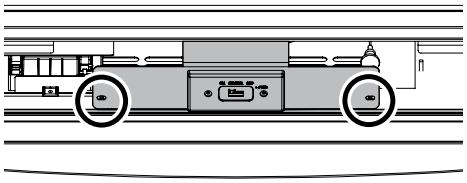
If the valve requires maintenance or replacement, use the following instructions:

**Note: Always shut off the gas supply and turn off electrical before removing the valve. Disconnect the gas line at the back of the unit.**

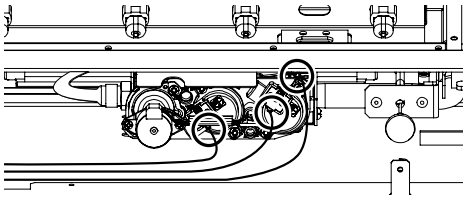
1. Open the front door as shown below.



2. Remove the control panel.



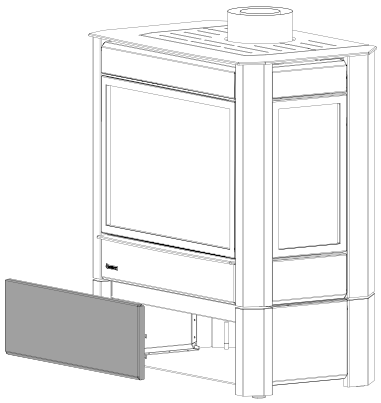
3. Disconnect the green, orange and yellow wires connected on the valve.



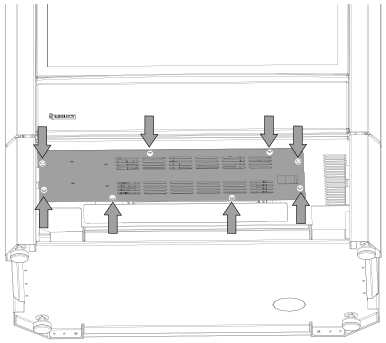
4. Access the IFC board. See following steps.

5. Remove the cover panel as shown below.

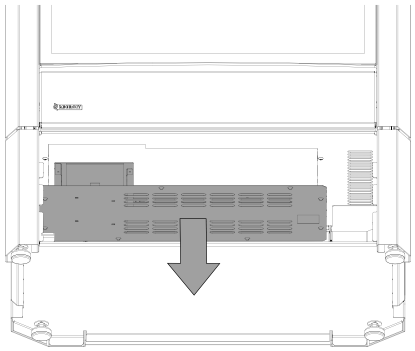
NOTE: If the legs base is installed, proceed to the next step.



6. Loosen the screws on the keyholes, then slide the bottom access panel backward to release it.

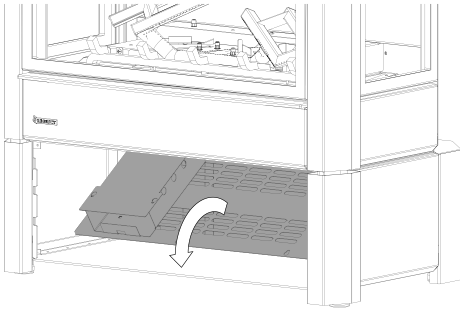


7. Pull the bottom access panel downward to detach it from the unit.

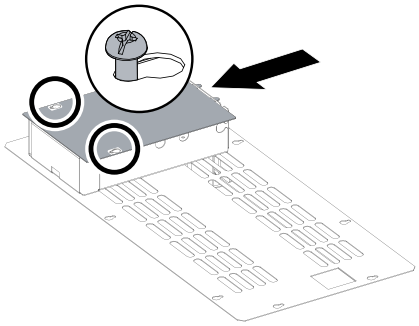


**Note: Before disconnecting wires ensure you mark wires so you know how to reconnect when reassembling. See diagrams.**

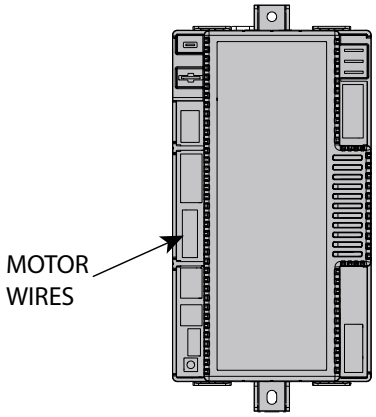
8. Tilt the tray downward as shown in the illustration and ensure that all cables are disconnected before removing the tray from the unit. Loosen the keyhole screws to remove the cover of the control box.



9. Remove the Cover: Slide the cover off as shown.



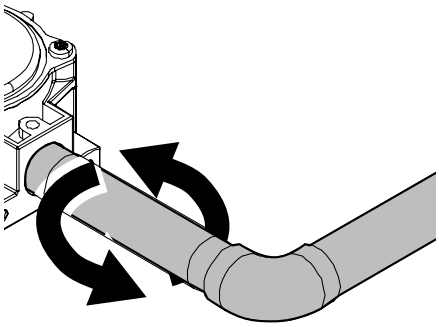
10. Disconnect the motor wires.




11. Disconnect the Pilot (use 9mm wrench), also disconnect the flex gas line connection on the valve.

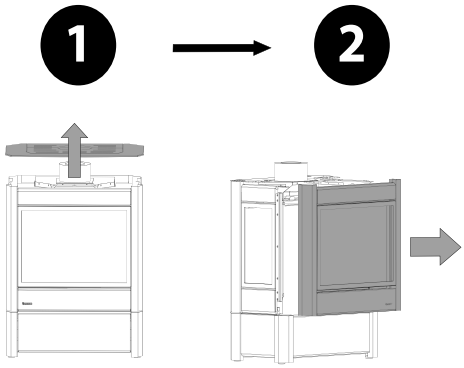
12. Remove the 4 screws on the (2) left and (2) right sides securing the valve and remove it fully. The rigid gas pipes will still be attached at this point.

13. Remove the rigid gas line piping from the valve. Reverse steps 13-1 to replace with new gas valve assembly.

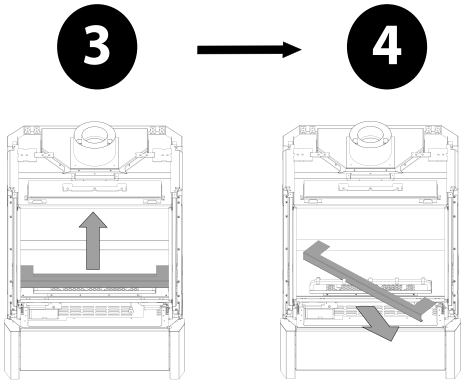


## Light Bulb Replacement

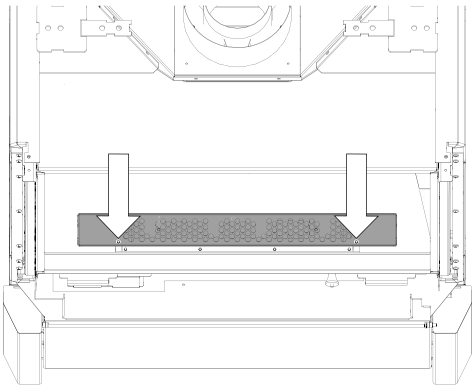
1. Remove the Top and front (see the Front panel assembly Removal and Top Removal and Installation for more information), screen, glass door, logs and any other media, log grate, burner assembly and lower panel (if installed). Place them on a safe, flat surface.




2. Lifting the Baffle Plate: Lift the internal baffle plate upward to disengage it from its supports tilt and remove.

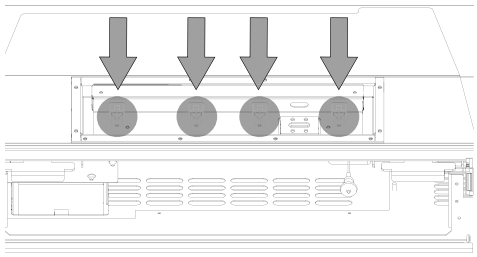



3. Loosen Key Screws: Loosen the two screws securing the upper tray, and remove.



4. Full access to the light bulb compartment for replacement.

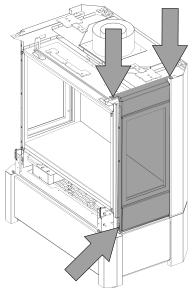
**NOTE:** Do not touch bulbs with bare hands, use gloves or a tissue when handling bulbs. Part # of each bottom bulb is 911-297. There are 4 per unit



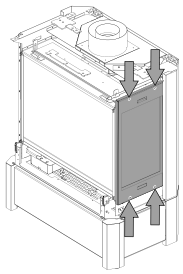
5. Reverse the steps 1 to 4 to reinstall.

## Left & Right Side Glass Replacement

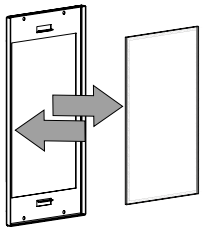
1. Remove Side Frame: Unscrew the three screws, lift the frame slightly upward, then pull it forward to remove it from the stove.



2. Remove Glass Panel: Unscrew the four screws, carefully remove the glass panel assembly from the unit.



3. Remove the old glass from the panel and replace it with the new one.



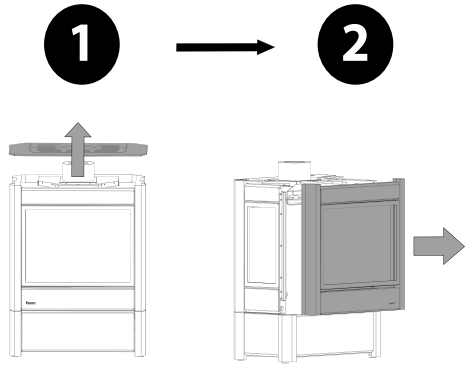
4. Place the new glass into the panel brackets as shown.



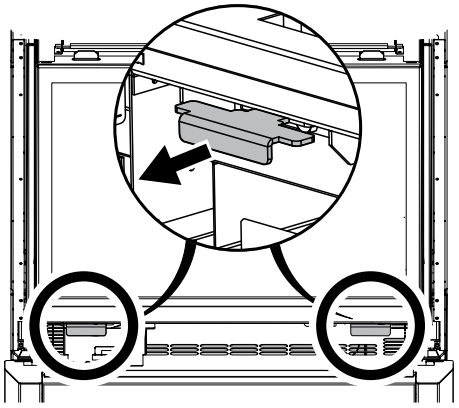
5. Reverse the previous steps to install the glass panel.

## Front Glass Replacement

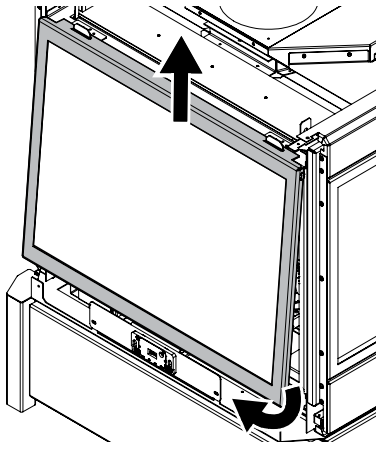
1. Remove the Top and front (see the Front panel assembly Removal and Top Removal and Installation for more information), screen, glass door, logs and any other media, log grate, burner assembly and lower panel (if installed). Place them on a safe, flat surface.



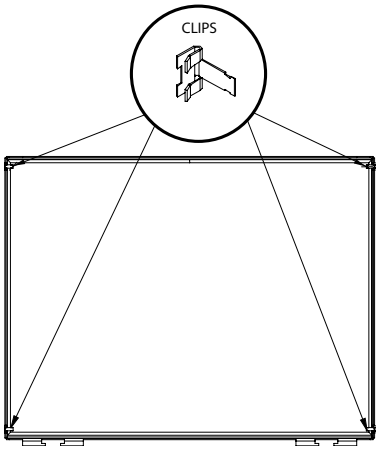

2. Pull the spring latches outward to release the glass frame.



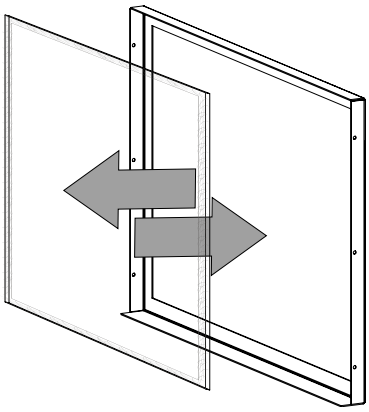
3. Lift the glass upward and carefully tilt it forward to remove.



4. Unclip the four fasteners and carefully remove the glass panel.




5. Position the new glass on the panel and secure it with the clips.



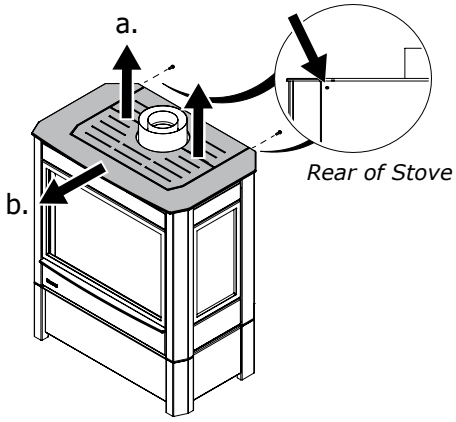
6. Reverse the previous steps to install the glass panel.

## Burner Replacement

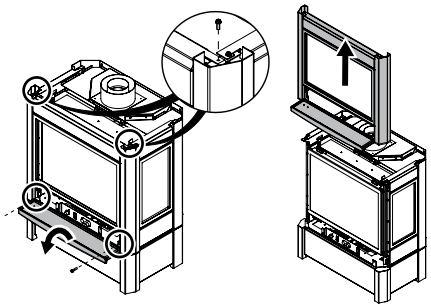
1. Turn the unit off and allow it to cool to room temperature.
2. Unplug or disconnect the stove power source.
3. To gain access to front door/mesh assembly & Front glass door, see following steps below.

   a. Remove the unit's top front and rear pieces.

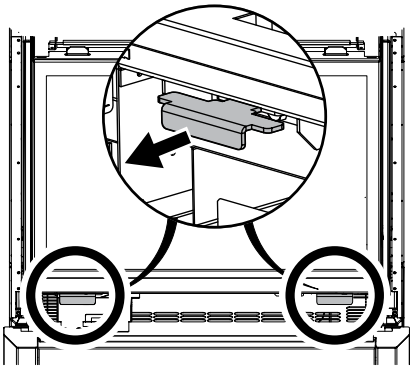
   b. Remove the x2 screws at the back of the unit as shown. Proceed to remove the top front chamfered piece.

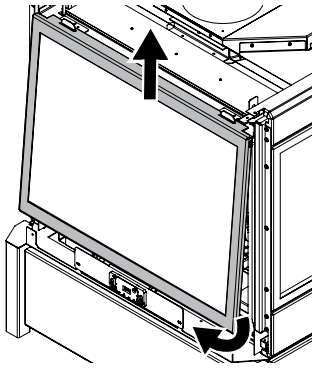



4. Remove the front frame/mesh screen assembly by removing the x2 screws at the top of the unit as shown. Open the front door and remove the x2 screws securing the rest of the assembly. Lift up and towards you and then put to the side. Lay on a blanket.



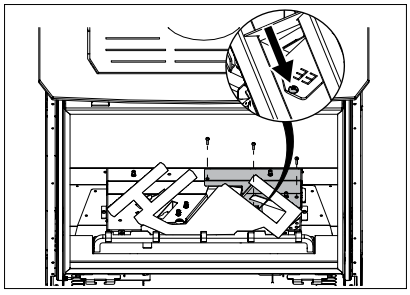
5. Remove the front glass door by pulling and disengaging the 2 spring latches securing the door. Carefully lift up the door to get access to the inside of the firebox. Put front glass door to the side and lay on a blanket.



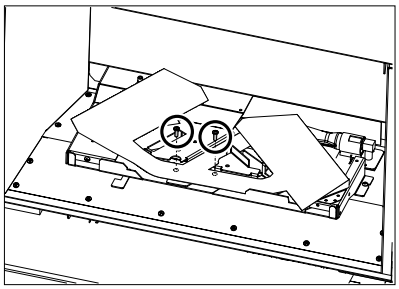


6. Remove the logs and inner panels (if installed).

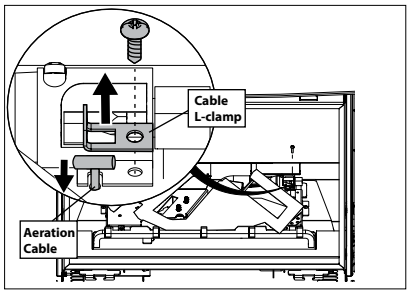
7. Remove the right rear log bracket (3 screws).



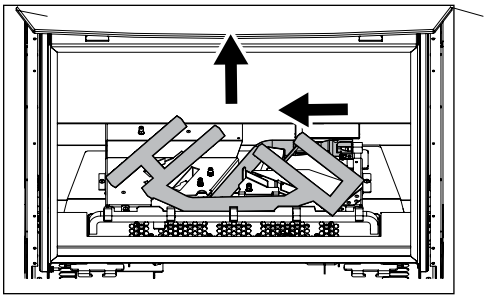
8. Remove the 2 burner screws as shown below.



9. **IMPORTANT:** Remove the screw on the burner air shutter, which clamps the aeration cable. Keep the L-clamp bracket safely aside with the screw.



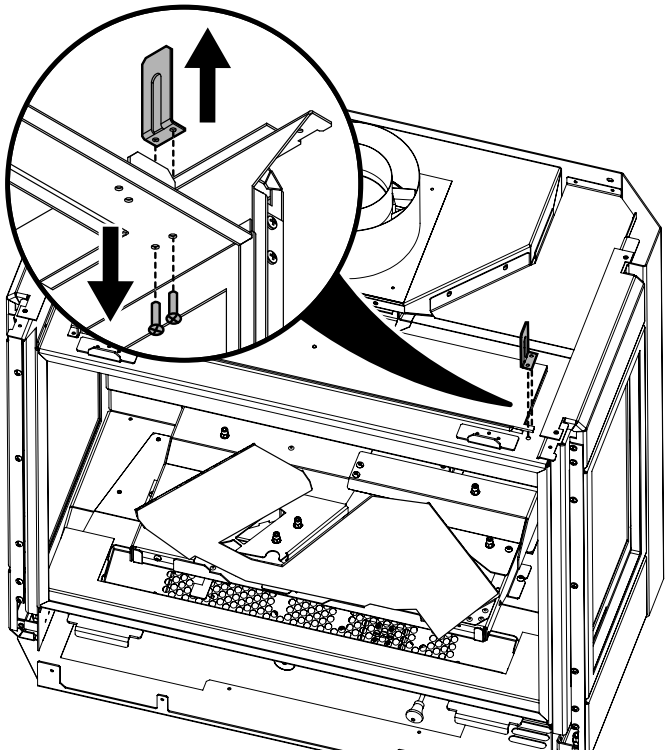

10. Carefully remove the burner.



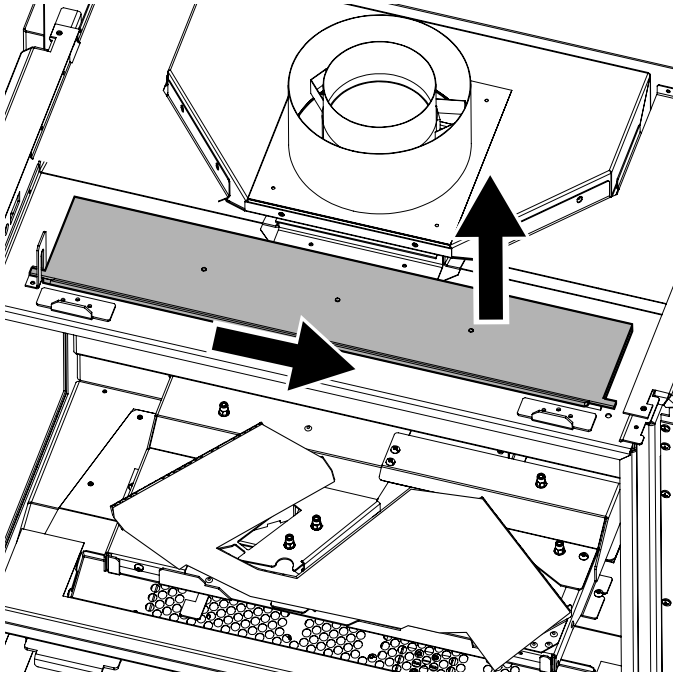
## Pressure Relief Door Maintenance/Replacement

**IMPORTANT:**The pressure relief door needs to be inspected annually. Use a flashlight to check the gasket seal around the relief door. Shine the light along the perimeter of the pressure relief door to ensure there are no gaps or damage in the seal. If you notice light at the other end of the pressure relief door, the pressure relief door and gasket require replacement, follow steps below to replace the pressure relief door & gasket.

1. Turn the unit off and allow it to cool to room temperature.
2. Unplug or disconnect the stove power source.
3. Remove the unit top and front assembly (see manual for instructions).
4. If any of the components of the pressure relief door are damaged, replace it with a new assembly (711-513/P).
   Proceed with instructions to replace the relief door.
5. Remove one of the flame rollout brackets by removing the x2 screws as shown below.



6. Slide the relief door to one side and lift up to remove it fully.



7. Repeat steps 6-3 in reverse to install new relief door.

## Gas Appliance Maintenance

In order for your Regency appliance to continue to provide comfort to your home periodic maintenance must be performed to ensure it is operating at peak efficiency. The items in the list should be checked by a licensed gas service technician during the annual service check. Your unit may require more frequent maintenance checks if you notice any changes in how it operates. Operational changes to look for can include, but are not limited to, extended start up time, increased fan noise, residue/carbon build up, white build up on the glass/firebox, increased operating noise etc. Should any of these or other conditions arise, discontinue use and schedule a service check with your local licensed gas technician. The list below shows items your licensed service technician will need to check and service at least annually.

### Clean

- Glass
- Interior bricks / panels
- Burner ports & burner air shutter
- Fan blades
- Log set
- Pilot orifices
- Pilot hood (change as needed)
- Flame sensor (electronic ignition models)
- Flame electrode
- Burner orifice
- Thermocouple (millivolt models)
- Thermopile (millivolt models)

### Inspect

- Pilot assembly
- Burner
- Pressure relief gaskets/doors
- Flue connector gasket if present
- Door seal
- Firebox
- Venting
- Batteries (remote handheld, remote receiver, DC sparker, change as needed)
- Burner media (change as needed)
- Air shutter setting
- Wiring

### Check

- Voltage on thermocouple/thermopile (millivolt models)
- Ohms reading on flame sense (electronic ignition models)
- Inlet/outlet fuel pressures as per rating plate
- Voltage/ohms readings on gas valve
- Ohms reading to on/off switch circuit (Milivolt models)

### Gas Leak Tests

- Check main gas line connection to valve
- Check shut off valve connections
- Check connection at gas valve outlet
- Check connection at main burner orifice
- Check pilot fuel line at valve and at pilot assembly

**IMPORTANT: It is critical to follow the manufacturer's installation and servicing guidelines, with particular attention to proper log set & media placement. Dangerous operating conditions will exist if the log set/media is not installed correctly or if other logs sets & media are used which are not approved for use with this appliance.**
***If any surface rust is present anywhere on the appliance, this should be sanded, cleaned and repainted using only the approved high temperature paint for this appliance.**
**Inspect and ensure the lighting of the main burner occurs within 4 seconds of the main gas valve opening.**
**A monthly visual inspection of the pilot flame is highly recommended & should match what is outlined in this instruction manual.**

## IFC (Integrated Fireplace Control) Error Codes

The IFC (Integrated Fireplace Control) in this appliance has an LED which can inform of any error codes as a result of the appliance not turning on. The error codes are noted below.

NOTE: Depending on the appliance this may or may not be visible.

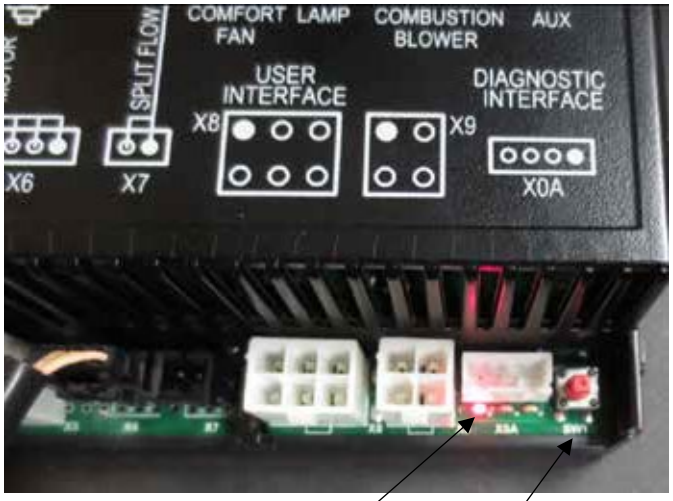
**- Error codes:** All error codes are displayed on a set of three LEDs located beside the SW1 switch.

**- Low battery**: When backup battery is under 4V the RED LED light (located beside the SW1 switch) will pulse steadily. A double beep will be made by the IFC whenever a command is made when backup batteries are below 4V. Replace with 4 x AA alkaline batteries.

**- Flame sense problem**: If the pilot flame is not detected or the flame sense system is not satisfied the RED LED light will pulse with 2 flashes until corrected.

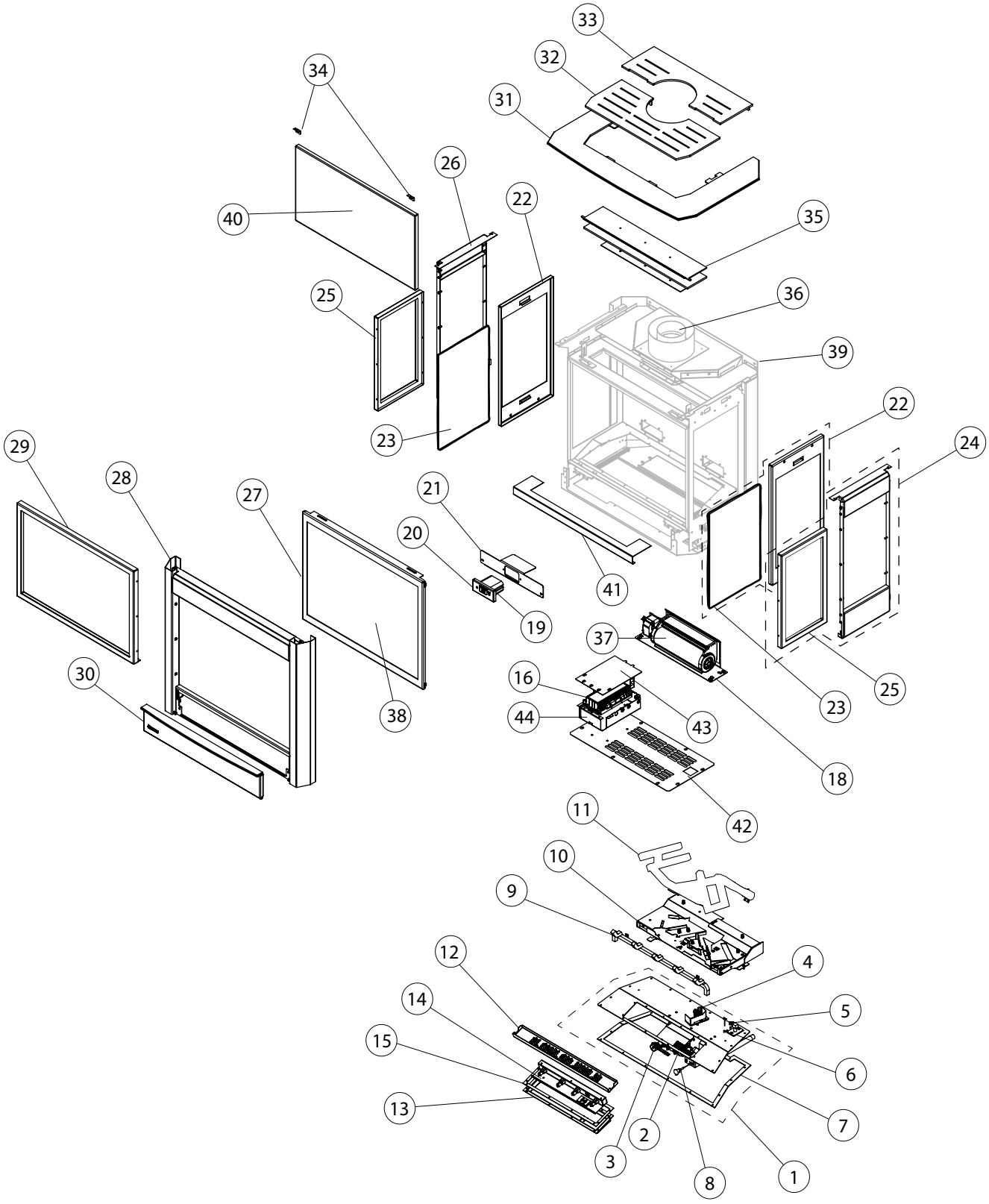
**Possible causes of flame sense problems**
- The pilot is not engulfing the flame sense
- Pilot light shrinks in size
- The flame sense wire is not connected to the IFC module.
- Proper grounding
- Flame sense and pilot hood are clean and free of any debris
- The flame sense has no continuity (Ohms)
- The pilot flame is fluttering and not engulfing and moving away from the flame sense

**- Lockout**: If three trials for ignition fail the RED LED indicator will pulse three times in intervals. To clear lockout, turn the remote control hand-held to OFF position and then back to ON position.




*Error code LED* *SW1*

## Main Assembly



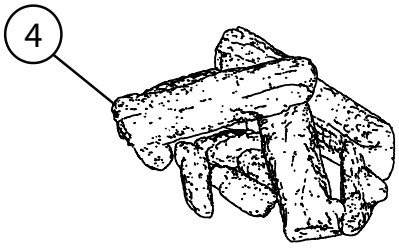
## Main Assembly

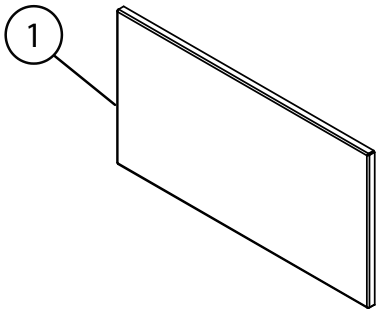
| | PART | DESCRIPTION |
|---|---|---|
| 1 | 711-574/P | Valve Assembly - NG |
| 1 | 711-576/P | Valve Assembly - LP |
| 2 | 911-084 | Valve NG 885 SIT IPI 0.885.001 |
| 2 | 911-085 | Valve LP 885 SIT IPI 0.885.002 |
| 3 | 911-010 | Stepper Motor NG |
| 3 | 911-011 | Stepper Motor LP |
| 4 | 911-276 | Pilot Assembly - NG |
| 4 | 911-277 | Pilot Assembly - LP |
| 5 | 904-965 | Burner Orifice NG #32 |
| 5 | 905-046 | Burner Orifice LP #50 |
| 6 | 904-943 | Bracket Dormont Orifice Mnt 10-BZ001-19.5 |
| 7 | 312-052 | Valve Tray Gasket |
| 8 | 762-189 | Aeration Cable |
| 9 | 311-513 | Grate |
| 10 | 312-510 | Burner Tray |
| 11 | 711-525/P | Burner Assembly NG/LP c/w Cap |
| 12 | 311-033 | Light Cover Tray |
| 13 | 391-550 | Light Tray |
| 14 | 911-312 | Light Tray Assembly |
| 15 | 311-058 | Light Tray Gasket |
| 16 | 911-311/P | Proflame II IFC Board WIFI |
| 18 | 711-509/P | Fan Assembly - (910-331 Fan 15 Volts / 127 Cfm) |
| 19 | 911-337/P | Holder Battery w/Switch 0.584.103 |
| 20 | 911-342 | Cover Plate Switch |
| 21 | 711-040 | Front Cover Panel - Electronic |
| 22 | 711-510 | Side Glass Door Glass Assembly - Left & Right Sides (Each) |
| 23 | 940-590/P | Side Glass Door Glass w/ Gasket - Left & Right Sides (Each) |
| 24 | 711-514 | Side Panel Assembly - Right Side |
| 25 | 711-073/P | Side Panel Mesh Assembly - Left & Right Sides |
| 26 | 711-515 | Side Panel Assembly - Left Side |
| 27 | 711-506 | Front Glass Door Assembly |
| 28 | 711-516 | Front Panel Assembly |
| 29 | 711-072/P | Front Panel Mesh Assembly |
| 30 | 711-532 | Front Panel Door Assembly |
| 31 | 711-517 | Top Plate Front Assembly |
| 32 | 711-518 | Firebox Plate Front Assembly |
| 33 | 711-519 | Firebox Plate Rear Assembly |
| 34 | 711-027 | Inner Panel Clip (Each) |
| 35 | 711-513 | Relief Door Assembly |
| 36 | 923R | Starter Collar |
| 37 | 910-331/P | Fan Motor with Squirrel Cage |
| 38 | 940-589/P | Front Glass including Glass Gasket |
| 39 | 711-512 | Rear Cover Assembly Packaged |
| 40 | 711-026/P | Inner Rear Panel Steel |
| 41 | 711-025 | Front Inner Panel |

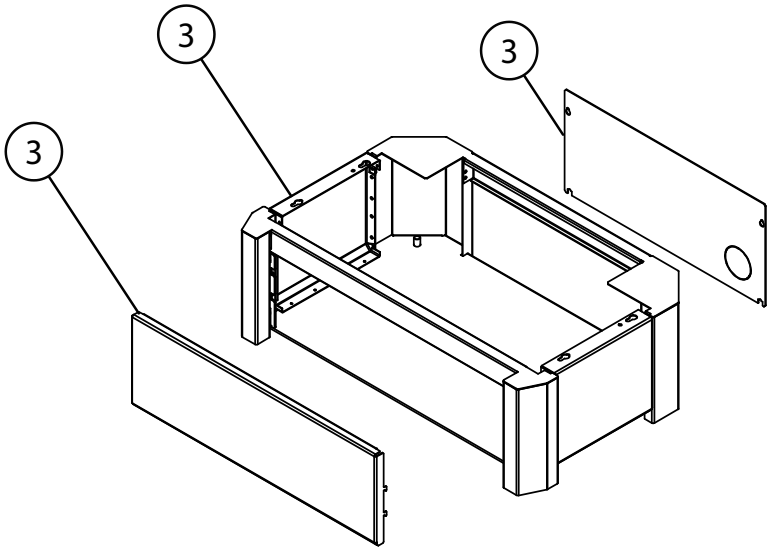
| | PART | DESCRIPTION |
|---|---|---|
| 42 | 711-077F | Bottom Access Panel |
| 43 | 711-055F | IFC Top Cover Plate |
| 44 | 711-054 | IFC Bottom Plate |
| N/S = Not Shown | | |
| N/S | W840470 | Pilot Assembly Gasket |
| N/S | 656-039 | Burner Orifice Mount Gasket |
| N/S | 711-071 | Restrictor Plate |
| N/S | 904-691 | Clip-U (Each) |
| N/S | 911-173 | Wire Harness IFC No CPI Switch 584.924 |
| N/S | 911-355 | Remote Control GTMFLSA Blk 0.584.080 |
| N/S | 911-137 | Clip Pilot Hood Holding 0.923.034 |
| N/S | 911-039 | Pilot Hood 2 Flame Sit SureFire 0.975.005 |
| N/S | 911-037 | Sense Electrode & Cable Red End 0.915.905 |
| N/S | 911-038 | Spark Electrode Cable Black End 0.915.020 |
| N/S | 910-432 | Tube Aluminum 1/8 x 24 w/ Steel Fittings |
| N/S | 910-036 | Orifice Pilot NG #51 977.165 |
| N/S | 910-037 | Orifice Pilot LP #30 977.167 |
| N/S | 936-194 | Gasket Starter Collar / Air Passage |
| N/S | 936-197 | Gasket Flue Collar / Starter Collar |
| N/S | 846-700 | Glass Gasket Tadpole Tape 6AL ½" Bulb Graphite w/1"PSA (7') (936-273) (1 Kit required per glass) |
| N/S | 910-802 | Wire SIT Valve to Burner On/Off |
| N/S | 911-177 | Wire 4 Pos IFC Fan & Light |
| N/S | 911-179 | Power Cord IFC Proflame II 120 Volts |
| N/S | 911-193 | Connector w/ Jumper |
| N/S | 911-210 | Antenna IFC Shielded Harness 315MHz |
| N/S | 911-282 | Wire Harness Battery Box Proflame II .584.922 |
| N/S | 711-071 | Restrictor Plate |
| N/S | 918-876 | Decal Remote Quick Reference GTMF |
| N/S | 918-835 | Decal Logo Regency / Flame Sit Remote |
| N/S | 919-516 | Decal QR Code Pro-Flame Remote Control |
| N/S | 948-223 | Logo Plate Plastic Regency/Flame Silver |
| N/S | 911-297 | Light Bulbs G9/ 120V/18W (Each) - 4 Per Unit |
| N/S | 391-935 | Grate & Ember Media Gi33/Gi29 |
| N/S | 904-165 | Fitting 3/8 Male Flarex Mpt Strt Adaptor |
| N/S | 904-616 | Fitting 3/8 Sch 40 BM 90 Elbow |
| N/S | 905-123 | Nipple 3/8 x 3.5 inch Black Mall |
| N/S | 905-124 | Nipple 3/8 x 10 inch Black Mall |
| N/S | 905-112 | Aeration Knob 10-32 |
| N/S | 312-121 | Pilot Shield |
| N/S | 911-182 | Fuse 3.15 A 250V 5mm x 20mm Littelfuse |
| N/S | 711-505 | Bottom Door Latch Assembly (Each) |
| N/S | 948-051 | Levelling Leg 3/8-16 x 1 in. Nylon Base (Each) 4 Per Unit |

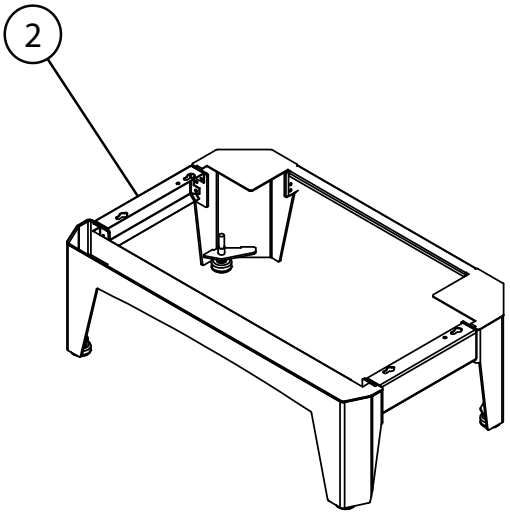
## Optional Accessories

| | PART | DESCRIPTION |
|---|---|---|
| 1 | 711-905<br>711-908 | Fluted Back Panel Black<br>Inner Panel Enamel Black |
| 2 | 711-911 | Legs |
| 3 | 711-915 | Pedestal F/S |
| 4 | 311-930/P<br>311-931<br>311-933<br>311-934 | Log Set Driftwood<br>Log Set Birch<br>Log Set High Definition Oak<br>Log Set Oak |
| N/S | 711-968 | Conversion - NG |
| N/S | 711-969 | Conversion - LP |
| N/S | 946-799 | WIFI Kit |



## 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.

## Warranty

# Indoor Gas Product Warranty

**Limited Lifetime Warranty**

FPI Fireplace Products International Ltd. (for Canadian customers) and Fireplace Products US, Inc. (for US customers) (collectively referred to herein as "FPI") extends this Limited Lifetime Warranty to the original purchaser of this Appliance provided the product remains in the original place of installation. The items covered by this Limited Lifetime Warranty and the period of such coverage are set forth in the table below.

An Appliance in this policy is defined as an Indoor Gas Fireplace, Indoor Gas Insert, Indoor Gas Freestanding Stove.

**This Appliance has only been certified and listed for use indoors.****

This Limited Lifetime Warranty starts on the day the Appliance was purchased.

**Note: There are select models which are approved for both indoor/outdoor use. See specific product manuals for details.

**The Limited Lifetime Warranty is not transferable, amendable or negotiable under any circumstances.**

| **Indoor Gas Products**<br>Warranty Coverage Parts and Labor | **Limited Lifetime** | **5 years** | **2 years** | **1 year** | **Subsidized Labor Coverage* (Years)** |
|---|---|---|---|---|---|
| Firebox and Heat Exchanger | ✓ | | | | 3 |
| Steel Burner Tube | ✓ | | | | 3 |
| Glass Thermal breakage only | ✓ | | | | 3 |
| All painted Surrounds/Inlays Finishes<br>White/Black Chase Vents/Steel Framing Kits | | ✓ | | | 3 |
| Brick Panels/Log sets/Ceramic Burners/Grates | | ✓ | | | 3 |
| All Castings | | ✓ | | | 3 |
| Valve assembly and all gas control components (Pilot assembly, flame sensors, Spark Electrode, Pilot Tubing, Orifices, Thermocouple, Thermopile) | | | ✓ | | 2 |
| All Other Electrical components (Ignition Control Boards, Wiring, Wiring Harnesses, Lighting Wiring Assemblies, Switches, Blowers, Blower Control Module, Battery Pack, Remote Control Systems) | | | ✓ | | 2 |
| Enamel Panels/Painted Steel Panels | | | ✓ | | 1 |
| Venting/Venting Components | | | ✓ | | 1 |
| All Stainless steel surrounds<br>All black chrome Brushed nickel/Antique copper Faceplates/surrounds<br>All Inner/Outer Black Glass panels | | | | ✓ | 1 |
| All Firebox Media (Glass Crystals, Crushed Glass, Glass Fire beads, Volcanic, Ceramic, Spa Stones, River Pebbles, Fireballs) | | | | ✓ | 1 |
| All hardware | | | | ✓ | 1 |
| WIFI Dongle | | | | ✓ | 1 |
| Mesh/Glass Safety Barriers | | | | ✓ | 1 |
| Accent Light Bulbs | | | | ✓ | 1 |
| Glass (Crazing) | | | | ✓ | 1 |

**Note:** Warranty coverage noted above may not be applicable as components/options vary based on appliance purchased.

**Conditions:**

Warranty protects against defect in manufacture or FPI factory-assembled components only, unless herein specified otherwise.

***This warranty does not cover dealer travel costs, mileage, fuel, tolls for diagnostic or service work. All labor rates paid to authorized dealers are subsidized, pre-determined rates. Dealers may charge you for travel and additional time beyond their subsidy.**

Any part(s) found to be defective during the warranty period as outlined above will be repaired or replaced at FPI's option through an accredited distributor, dealer or pre-approved and assigned agent; provided that the defective part is returned to the distributor, dealer or agent for

inspection if requested by FPI. Alternatively, FPI may, at its discretion, fully discharge all of its obligations under warranty by refunding the verified purchase price of the product to the original purchaser. The purchase price must be confirmed by the original Bill of Sale. **The authorized selling dealer, or an alternative authorized FPI dealer if pre-approved by FPI, is responsible for all in-field diagnosis and service work related to all warranty claims. FPI is not responsible for results or costs of workmanship of unauthorized FPI dealers or agents in the negligence of their service work.**

At all times, FPI reserves the right to inspect reported in the field/on location complaints of products claimed to be defective before processing or authorizing any claim. Failure to allow this upon request will void the warranty.

All warranty claims must be submitted by the dealer servicing the claim, including a copy of the Bill of Sale (proof of purchase by you). All claims must be complete and provide full details as requested by FPI to receive consideration for evaluation. **Incomplete claims may be rejected.**

**Replacement Appliances to the original purchaser are limited to one per warranty term.** Appliances must be installed according to all manufacturers' instructions as per the manual. All Local and National required codes must be met.

The installer is responsible for ensuring the Appliance is operating as designed at the time of installation.

The original purchaser is responsible for the annual maintenance of the Appliance, as outlined in the owner's manual. As outlined below, the warranty may be voided due to problems caused by a lack of maintenance.

Records/receipts of any maintenance completed on the appliance must be kept in case asked for when dealer submits a warranty claim.

Purchased parts: Repair/replacement parts purchased by the consumer from FPI after the original coverage has expired on the Appliance will carry a **90-day** warranty from the purchase date, 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.

Special Finishes - One year on brushed nickel, black chrome and antique copper faceplates/surrounds. You can expect some changes in color as the product "ages" with constant heating and cooling. FPI warranties the product for any manufacturing defects on the original product. However, the manufacturer's warranty does not cover changing colors and marks, i.e. fingerprints, etc. applied after the purchase of the product. Damage from the use of abrasive cleaners is not covered by warranty.

If freight damage has been found either externally or internally, the dealer must be informed within 3 days. All claims as a result of damage must be submitted by the dealer servicing the claim, including a copy of the Bill of Sale (proof of purchase). All claims must be complete and provide full details as requested by FPI to receive consideration for evaluation. **Incomplete claims may be rejected.**

As this is a Limited Lifetime Warranty, if the Appliance needs to be replaced, the Appliance that was purchased at the time of sale might not be replaced with exactly the same model Appliance. In that case, FPI will replace your Appliance with one that is similar at the time of replacement under the terms of this Limited Lifetime Warranty, but ONLY in the event that an item covered by the Limited Lifetime Warranty is found to be defective. Please refer to the table on first page of this warranty for items covered by the Limited Lifetime Warranty. Product changes might be the result of the original Appliance being discontinued, changes in regulatory requirements, product advancements, etc., which are beyond the control of FPI. **This Limited Lifetime Warranty does not cover any installation costs, or costs associated with changes of required clearances for the replacement Appliance, hearth pads, mantles, facing and/or facing materials such as framing, completed walls made of drywall, wood, non-combustible board, tile, brick, stone, marble etc., venting/chimney systems, or components of the chimney system.**

If a suitable replacement is not available, FPI will refund **50%** of the purchase price of the Appliance and any applicable FPI accessories (faceplates, brick panels, media, etc.) purchased at the time of sale. **In no event will FPI refund any portion of the purchase price of, or reimburse costs associated with, any other items, including without limitation, installation of a new Appliance, changes of required clearances for a new Appliance, hearth pads, mantles, facing and/or facing materials such as framing, completed walls made of drywall, wood, non- combustible board, tile, brick, stone, marble etc., venting/chimney systems, or components of the chimney system. A copy of the receipt or bill of sale will be necessary to validate the purchase price.**

**For appliances approved for both Indoor/Outdoor use:**

Optional finishing trims and faceplate's may be used in the outdoor environment. Plated faceplates are not recommended for outdoor installation due to the high potential for oxidation to form on the surface. However, please note that some fading or corrosion will occur due to environmental exposure. This would also apply to the gas appliance. Rust/corrosion is not covered under the terms of the warranty policy.

Fan kits may be installed but are not recommended in areas where there is high humidity. The appliance must be vented the same as if installed indoors. Follow the same guidelines/venting parameters when this is installed outdoors. Horizontal termination caps must not discharge into the same space shared by the front of the appliance. Vertical termination caps are recommended.

Appliances approved for use outdoors must be installed in a weatherproof enclosure while still following all clearance to combustible materials as outlined in the appliance manual.

**Exclusions:**

This Limited Lifetime Warranty does not extend to paint, rust or corrosion of any kind due to a lack of maintenance or improper venting, combustion air provision, corrosive chemicals (i.e. chlorine, salt, air, etc.), door, valve, pilot, fan cover, pressure relief door or glass gasketing, batteries, color fading, carbon/sooting of the log sets due to use and does not cover lava rock, platinum/glowing embers, andiron black embers, vermiculite.

Malfunction, damage or performance-based issues as a result of environmental conditions, location, chemical damages, downdrafts, installation error, an installation by an unqualified installer, incorrect chimney components (including but not limited to cap size or type), operator error, abuse, misuse, use of improper fuels, lack of regular maintenance and upkeep, acts of God, weather-related problems from hurricanes, tornados, earthquakes, floods, lightning strikes/bolts or acts of terrorism or war, which result in a malfunction of the Appliance are not covered under the terms of this Limited Lifetime Warranty.

FPI has no obligation to enhance or modify any Appliance once manufactured (i.e. as products evolve, field modifications or upgrades will not be performed on existing Appliances).

Any Appliance showing signs of neglect or misuse will not be covered under the terms of this warranty policy and may void this warranty, including Appliances with rusted or corroded fireboxes that have not been reported as rusted or corroded within **three (3)** months of installation/purchase.

Appliances which show evidence of being operated while damaged, or with problems known to the purchaser and causing further damages will void this warranty.

Appliances where the serial no. has been altered, deleted, removed or made illegible will void this warranty.

Minor movement, expansion and contraction of the steel is normal and is not covered under the terms of this warranty.

Freight damages for products or parts are not covered under the terms of the warranty.

Products made or provided by other manufacturers and used in conjunction with the FPI Appliance without prior authorization from FPI may void this warranty.

**Limitations of Liability:**

The original purchaser's exclusive remedy under this warranty, and FPI's sole obligation under this Limited Lifetime Warranty, express or implied, in contract or in tort, shall be limited to replacement, repair, or refund, as outlined above. IN NO EVENT WILL FPI BE LIABLE UNDER THIS WARRANTY FOR ANY INCIDENTAL OR CONSEQUENTIAL COMMERCIAL DAMAGES OR DAMAGES TO PROPERTY. TO THE EXTENT PERMITTED BY APPLICABLE LAW, FPI MAKES NO EXPRESS WARRANTIES OTHER THAN THE WARRANTY SPECIFIED HEREIN. THE DURATION OF ANY IMPLIED WARRANTY IS LIMITED TO DURATION OF THE EXPRESSED WARRANTY SPECIFIED ABOVE. IF IMPLIED WARRANTIES CANNOT BE DISCLAIMED, THEN SUCH WARRANTIES ARE LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.

Some US states do not allow limitations on how long an implied warranty lasts, or allow exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

Customers located outside the US should consult their local, provincial or national legal codes for additional terms, which may apply to this warranty.

**How to Obtain Warranty Service:**

Customers should contact the authorized selling dealer to obtain warranty service. In the event the authorized selling dealer is unable to provide warranty service, please contact FPI by mail at the address listed below. Please include a brief description of the problem and your address, email and telephone contact information. A representative will contact you to make arrangements for an inspection and/or warranty service.

Canadian Warrantor:

**FPI Fireplace Products International Ltd.**

6988 Venture St. Delta, British Columbia
Canada, V4G 1H4

U.S. Warrantor:

**Fireplace Products US, Inc.**

PO Box 2189 PMB 125

Blaine, WA

United States, 98231

Or contact the Regency Customer Care Centre at 1-800-442-7432 (phone) / 604-946-4349 (fax) /customerservice@regency-fire.com (e-mail)

**Product Registration and Customer Support:**

Thank you for choosing a Regency Fireplace. Regency strives to be a world leader in the design, manufacture, and marketing of hearth products. To provide the best support for your product, we request that you complete a product registration form at http://www.regency-fire.com/Customer-Care/Warranty-Registration.aspx within **ninety (90)** days of purchase.

# Warranty Registration Card

REGENCY FIREPLACE PRODUCTS

**Product Registration and Customer Support:**

Thank you for choosing a Regency Fireplace. Regency strives to be a world leader in the design, manufacture, and marketing of hearth products. To provide the best support for your product, we request that you complete a product registration form found on our Web Site under Customer Care within ninety (90) days of purchase.

For purchases made in **CANADA or the UNITED STATES**:

http://www.regency-fire.com/Customer-Care/Warranty-Registration.aspx

For purchases made in AUSTRALIA:

http://www.regency-fire.com.au/Customer-Care/Warranty-Registration.aspx

You may also complete the warranty registration form below to register your Regency Fireplace Product and mail and/or fax it back to us, and we will register the warranty for you. It is important you provide us with all the information below in order for us to serve you better.

**Warranty Registration Form (or Register online immediately at the above Web Site):**

| | |
|---|---|
| **Warranty Details** | |
| Serial Number (required): | |
| Purchase Date (required) (mm/dd/yyyy): | |
| **Product Details** | |
| Product Model (required): | |
| **Dealer Details** | |
| Dealer Name (required): | |
| Dealer Address: | |
| Dealer Phone #: | |
| Installer: | |
| Date Installed (mm/dd/yyyy): | |
| **Your Contact Details** (required) | |
| Name: | |
| Address: | |
| Phone: | |
| Email: | |

For purchases made in CANADA:

**FPI Fireplace Products International Ltd.**
6988 Venture St.
Delta, British Columbia
Canada, V4G 1H4

Phone: 604-946-5155
Fax: 1-866-393-2806

For purchases made in the UNITED STATES:

**Fireplace Products US, Inc.**

PO Box 2189 PMB 125
Blaine, WA
United States, 98231

Phone: 604-946-5155
Fax: 1-866-393-2806

For purchases made in AUSTRALIA:

**Fireplace Products Australia Pty Ltd**
99 Colemans Road
Dandenong South, Vic.
Australia, 3175

Phone: +61 3 9799 7277
Fax: +61 3 9799 7822

For fireplace care and tips and answers to most common questions please visit our Customer Care section on our Web Site. Please feel free to contact your selling dealer if you have any questions about your Regency product.

# Recycling

**PRODUCT LIFE CYCLE:**
By recycling your used appliances, you divert waste from your local landfills and help the environment. You also reduce the need for raw materials to manufacture new products. Contact your local municipality for appliance recycling services, local recycling programs, or appliance removal services to ensure your Regency appliance components, and packaging are properly recycled.

# notes

***Installer: Please complete the following information***

**Dealer Name & Address:** _____

_____

**Installer:** _____

**Phone #:** _____

**Date Installed:** _____

**Serial #:** _____

REGENCY
FIREPLACE PRODUCTS

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