



Regency Bellavista™ B41XT Gas Fireplace

Owners & Installation Manual

MODELS: B41XT-NG
B41XT-LP



Bellavista B41XT Video

WARNING:

If the information in these instructions are not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

FOR YOUR SAFETY

Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

Installation and service must be performed by a qualified installer, service agency or the gas supplier.

FOR YOUR SAFETY

What to do if you smell gas:

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

Tested by:



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

Homeowner: Please keep these instructions for future reference.

To the New Owner:

Congratulations!

You are the owner of a state-of-the-art Gas Fireplace by REGENCY®. The Bellavista™ B41XT has been designed to provide you with all the warmth and charm of a wood fireplace at the flick of a switch. The Bellavista™ B41XT 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 Regency® Fireplace.



Bellavista Benefits Video



Bellavista B41XT Video



MANUFACTURED MOBILE HOME REQUIREMENTS

INFORMATION FOR MOBILE/MANUFACTURED HOMES AFTER FIRST SALE

This Regency® product has been tested and listed by Warnock Hersey as a Direct Vent Wall Furnace to the following standards: VENTED GAS FIREPLACE HEATERS ANSI Z21.88-2009 / CSA 2.33-2009 and GAS-FIRED APPLIANCES FOR USE AT HIGH ALTITUDES CAN / CGA 2.17-M91.

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

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

This appliance comes equipped with a dedicated #8 Ground Lug for attachment of the ground wire to the steel chassis as applicable to local codes.

The appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70, or the Canadian Electrical Code, CSA C22.1.

This appliance may only be installed in an aftermarket permanently located, manufactured (U.S.A only) or mobile home, where not prohibited by local codes.

This appliance can only be used with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases.

Ensure that structural members are not cut or weakened during installation.

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This is a copy of the label that accompanies each Bellavista™ B41XT Direct Vent Gas Fireplace. We have printed a copy of the contents here for your review.

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 DECAL

Duplicate S/N

352

Listed: VENTED GAS FIREPLACE HEATER

Certified for/Certifiée pour: CANADA and U.S.A.

Tested to: CAN/CGA-2.17-M91, ANSI Z21.88-2009/CSA 2.23-2009

WN # 16485

MAY BE INSTALLED IN MANUFACTURED (MOBILE) HOMES AFTER FIRST SALE.



Intertek

Listed: VENTED GAS FIREPLACE HEATER

Certified for/Certifiée pour: CANADA and U.S.A.

Tested to: CAN/CGA-2.17-M91, ANSI Z21.88-2009/CSA 2.23-2009

WN # 16485

MAY BE INSTALLED IN MANUFACTURED (MOBILE) HOMES AFTER FIRST SALE.



Intertek

DO NOT REMOVE THIS LABEL / NE PAS ENLEVER CETTE ÉTIQUETTE

Serial No./ No de serie

352



○ NATURAL GAS: Model B41XT-NG

| | | |
|-------------------------|--------|-------------------|
| Minimum supply pressure | 5.0" | WC/C.E. (125kPa) |
| Manifold pressure high | 3.5" | WC/C.E. (0.87kPa) |
| Manifold pressure low | 1.6" | WC/C.E. (0.40kPa) |
| Orifice size | #30 | DMS |
| Minimum input | 30,000 | Btu/h |
| Maximum input | 42,500 | Btu/h |
| Altitude | 0-4500 | ft/pi |

○ PROPANE GAS: Model B41XT-LP

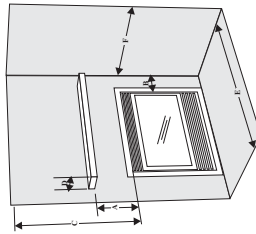
| | | |
|-------------------------|--------|-------------------|
| Minimum supply pressure | 11" | WC/C.E. (274kPa) |
| Manifold pressure high | 10" | WC/C.E. (2.49kPa) |
| Manifold pressure low | 6.4" | WC/C.E. (1.60kPa) |
| Orifice size | #49 | DMS |
| Minimum input | 29,500 | Btu/h |
| Maximum input | 37,500 | Btu/h |
| Altitude | 0-4500 | ft/pi |

APPAREIL FONCTIONNANT AU NATURAL GAS
CONÇU POUR ÊTRE POÊLE: Modèle B41XT

| | |
|--------------------------------------------|---------------------------------------------|
| Pression d'alimentation minimum | Pression à la tubulure d'échappement élevée |
| Pression à la tubulure d'échappement basse | Grandeur de l'injecteur |
| Grandeur de l'injecteur | Débit Calorifique minimum selon l'altitude |
| Débit Calorifique maximum selon l'altitude | |

ÉQUIPÉ À L'USINE POUR GAZ PROPANE
CONÇU POUR ÊTRE POÊLE: Modèle B41XT

| | |
|--------------------------------------------|---------------------------------------------|
| Pression d'alimentation minimum | Pression à la tubulure d'échappement élevée |
| Pression à la tubulure d'échappement basse | Grandeur de l'injecteur |
| Grandeur de l'injecteur | Débit Calorifique minimum selon l'altitude |
| Débit Calorifique maximum selon l'altitude | |

Minimum Clearances to Combustibles /
Dégagement Minimum De Matériaux Combustibles

Manifold Clearances from
Fireplace Opening:
(A) Min. 24" (610mm)

Side Wall Clearance
from Fireplace Opening:
(B) Min. 12-1/2" (318mm) (on one side)

Ceiling from Top of
Fireplace Opening:
(C) 33-3/4" (857mm)

Manifold Depth:
(D) Max. 12" (304mm)

Alcove Clearances:
(E) Min. Width 84" (2134mm),
(F) Max. Depth 36" (914mm)

Minimum Vent Clearances:
Horizontal Top 3" (76mm)
Horizontal Side 2" (51mm)
Horizontal Bottom 2" (51mm)
Vertical Vent 2" (51mm)

**DOOR SEAL: Please
check that the door is
properly sealed**

(See Instruction Manual for
detailed instructions)

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, in the United States, or when such a standard is not applicable, ANSI/INCISBCSA225.1/NFPA 501 A, Manufactured Home Installations Standard.

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.

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 MH, Maison mobile ou CAN/CSA-Z240 VC, Véhicules de camping, ou la norme 24 CFR Part 3280, Manufactured Home Construction and Safety Standard. Si ces normes ne sont pas pertinentes, utilisez la norme ANSI/INCISBCSA225.1/NFPA 501 A, Manufactured Home Installations Standard, ou ANSI A119.2 ou NFPA 501 C 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 ou mobile (E.-U. seulement) installée à demeure si les règlements locaux le permettent. Voir la notice de l'utilisateur pour plus de renseignements. Cet appareil ne peut pas être utilisé avec d'autres gaz sauf si une troussé de conversion certifiée est fournie.

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.

Pour utiliser uniquement avec les portes en verre certifiées avec l'appareil

For use with glass doors certified with the appliance only

Electrical supply / Électrique 115VAC, 1.13 A, 60Hz.

FPI Fireplace Products International Ltd.
Delta, BC, Canada

918-814

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

REQUIREMENTS

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.

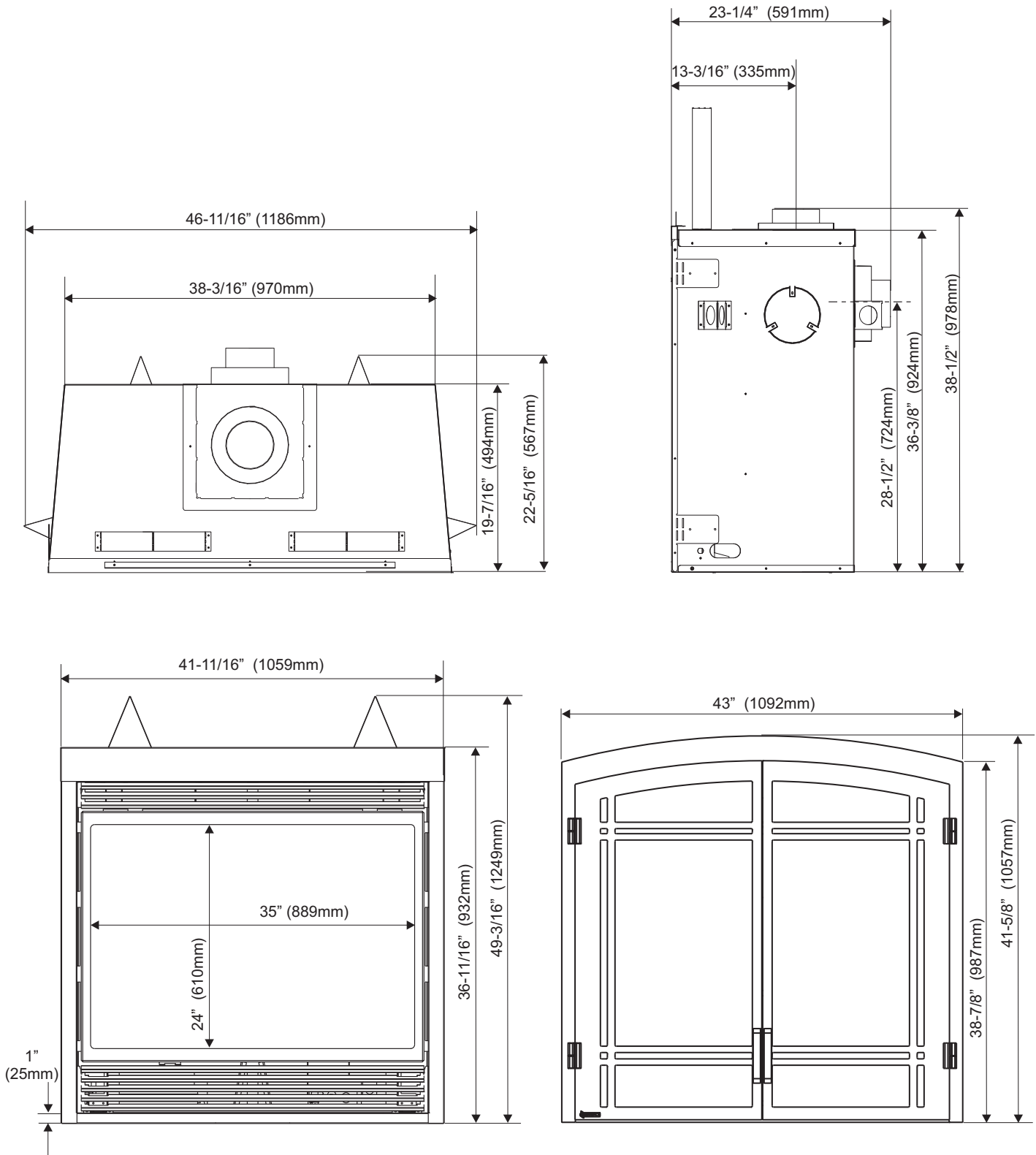
(d) **MANUFACTURER REQUIREMENTS - GAS EQUIPMENT VENTING SYSTEM NOT PROVIDED.** When the manufacturer of a Product Approved side wall horizontally vented gas fueled equipment does not provide the parts for venting the flue gases, but identifies "special venting systems", the following requirements shall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

UNIT DIMENSIONS



INSTALLATION

IMPORTANT MESSAGE SAVE THESE INSTRUCTIONS

The B41XT Gas Fireplace must be installed in accordance with these instructions. Carefully read all the instructions in this manual first. Consult the "authority having jurisdiction" to determine the need for a permit prior to starting the installation. It is the responsibility of the installer to ensure this fireplace is installed in compliance with manufacturers instructions and all applicable codes.

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 ROOM AS THE APPLIANCE.

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

GENERAL SAFETY INFORMATION

- 1) The appliance installation must conform with local codes or, in the absence of local codes, with the current Canadian or National Gas Codes, CAN1-B149 or ANSI Z223.1 Installation Codes.
- 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) See general construction and assembly instructions. The appliance and vent should be enclosed.
- 4) 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 Venting instructions.
- 5) Inspect the venting system annually for blockage and any signs of deterioration.
- 6) Venting terminals shall not be recessed into a wall or siding.
- 7) Any safety glass removed for servicing must be replaced prior to operating the appliance.
- 8) To prevent injury, do not allow anyone who is unfamiliar with the operation to use the fireplace.
- 9) Wear gloves and safety glasses for protection while doing required maintenance.
- 10) Be aware of electrical wiring locations in walls and ceilings when cutting holes for termination.

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

12) Installation and any repairs to this appliance should be done by a qualified service person. A professional service person should be called to inspect this appliance annually. Make it a practice to have all of your gas appliances checked annually.

13) Do not slam shut or strike the glass door.

14) Under no circumstances should any solid fuels (wood, paper, cardboard, coal, etc.) be used in this appliance.

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

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

INSTALLATION CHECKLIST

- 1) Locate appliance
 - a) Room location (Refer to "Locating Your Gas fireplace" section)
 - b) Clearances to Combustibles (Refer to "Clearances" section)
 - c) Mantle Clearances (Refer to "Combustible Mantel Clearances" section)
 - d) Framing & Finishing Requirements (Refer to "Framing & Finishing" section)
 - e) Venting Requirements (Refer to "Venting" section)
- 2) Assemble Top Standoffs and Top Facing Support and Side Nailing Strips (Refer to "Unit Assembly Prior to Installation" Section).
Note: Must be done before installing unit into place.
- 3) Install vent (Refer to "Venting" sections).
- 4) Install 1-AA battery into the DC Sparker.
Note: Pilot cannot be lit without battery in place.
- 5) Make gas connections. Test the pilot. Must be as per diagram (Refer to "Pilot Adjustment" section).
- 6) Make electrical connections to receptacle supplied with unit (recommended).
- 7) Install standard and optional features. Refer to the following sections:
 - a. Inner Panels or Brick Panels (Required)
 - b. Log Set Installation
 - c. Standard Flush Door
 - d. Remote Control (Optional)
 - e. Wall Switch
 - f. Wall Thermostat (Optional)
 - g. Fan Installation (Optional)
 - h. Light Installation (Optional)
 - i. Louvers / Flush Panels
 - j. Full Screen Arch Door
 - k. Finishing Trim (Optional)
- 8) Final check.

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.

LOCATING YOUR GAS FIREPLACE

- 1) When selecting a location for your fireplace, ensure that the clearances are met.
- 2) The appliance must be installed on a flat, solid, continuous surface. For example a wood, metal or concrete floor or in a raised (on the wall) application. The appliance must be installed on a metal or wood panel extending the full width and depth of the appliance.
- 3) The B41XT Gas Fireplace can be installed in a recessed position or framed out into the room as in A, B, C and D. See Diagram 1.

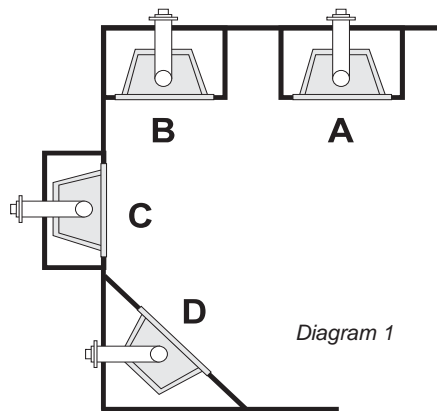


Diagram 1

- A) Flat on Wall
- B) Flat on Wall Corner
- C) Recessed into Wall/Alcove
- D) Corner

- 4) This appliance is Listed for bedroom installations using the standard Remote (millivolt thermostat system). Some areas may have further requirements, check local codes before installation.
- 5) The B41XT Gas Fireplace are approved for alcove installations, see "Clearances" section for details.
- 6) We recommend that you plan your installation on paper using exact measurements for clearances and floor protection before actually installing this appliance. Have an authorized inspector, dealer, or installer review your plans before installation.

Note: For vent terminations refer to "Exterior Vent Termination Locations" section.

INSTALLATION

CLEARANCES

The clearances listed below are Minimum distances unless otherwise stated:

A major cause of chimney related fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

Caution Requirements

The top, back and sides of the fireplace are defined by standoffs. The metal ends of the standoff may **NOT** be recessed into combustible construction.

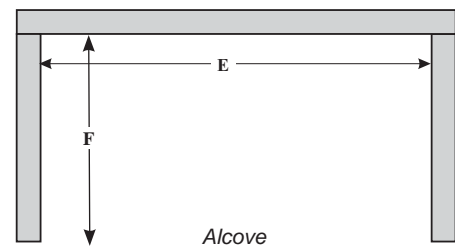
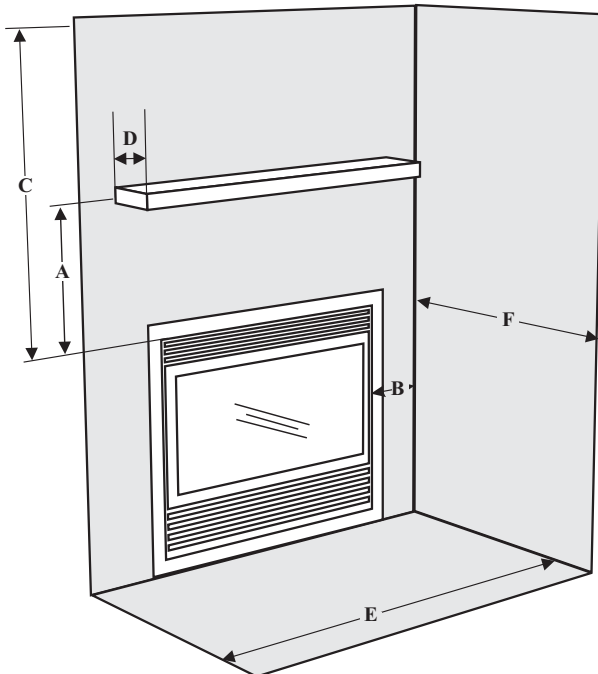
WARNING

Fire hazard is an extreme risk if these clearances (air space) to combustible materials are not adhered to. It is of greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

B41XT Clearance Requirements

| Clearance: | Dimension | Measured From: |
|-------------------------|----------------------------------|--------------------------------------------------|
| A: Mantel Height (min.) | 24" (610mm) | Top of Fireplace Opening |
| B: Sidewall | 12-1/2" (318mm) one side only | Side of Fireplace Opening |
| C: Ceiling | 33-3/4" (933mm) | Top of Fireplace Opening |
| D: Mantel Depth (max.) | 12" (304mm) | 32-1/4" (819mm) from Top of Fireplace Opening |
| E: Alcove Width | 84" (2134mm) | Wall to Wall (Minimum) |
| F: Alcove Depth | 36" (914mm) | Front to Back Wall (Maximum) |
| Notes: | 0" | No Hearth Required |

NOTE: A 16" deep non-combustible hearth pad is recommended for hardwood flooring and carpet.



Minimum Vent Clearances to Combustibles

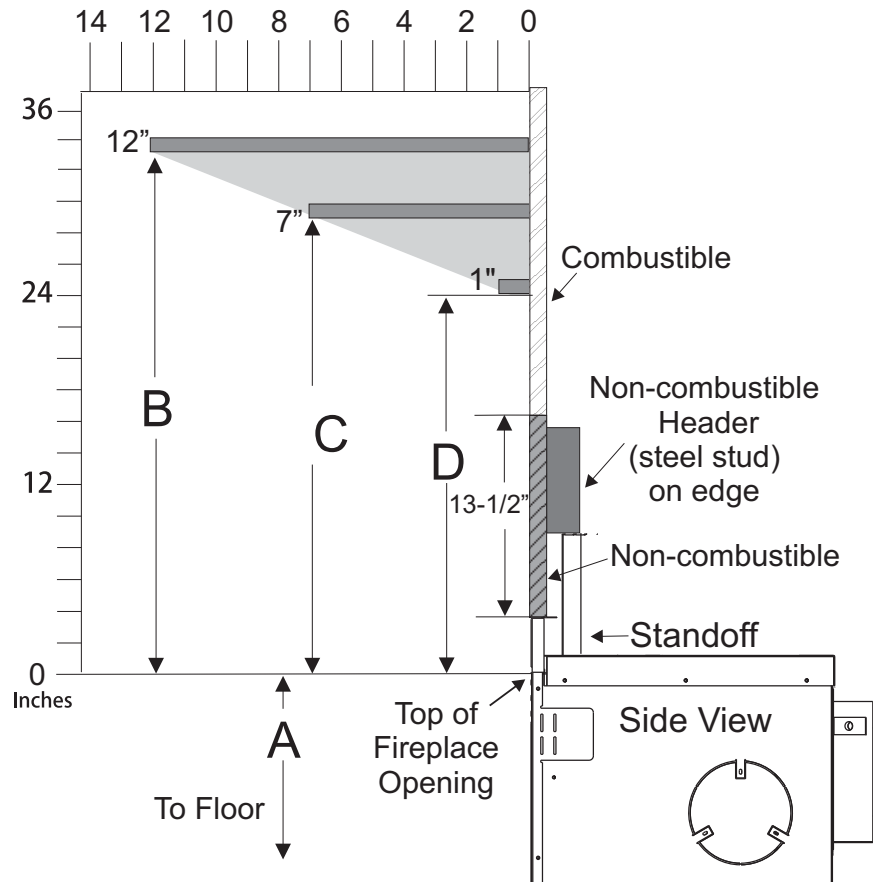
| | |
|-------------------|-----------|
| Horizontal Top | 3" (76mm) |
| Horizontal Side | 2" (51mm) |
| Horizontal Bottom | 2" (51mm) |
| Vertical Vent | 2" (51mm) |

MANTEL CLEARANCES

Due to the extreme heat this fireplace emits, the mantel clearances are critical. Combustible mantel clearances from top of front facing are shown in the diagram on the right.

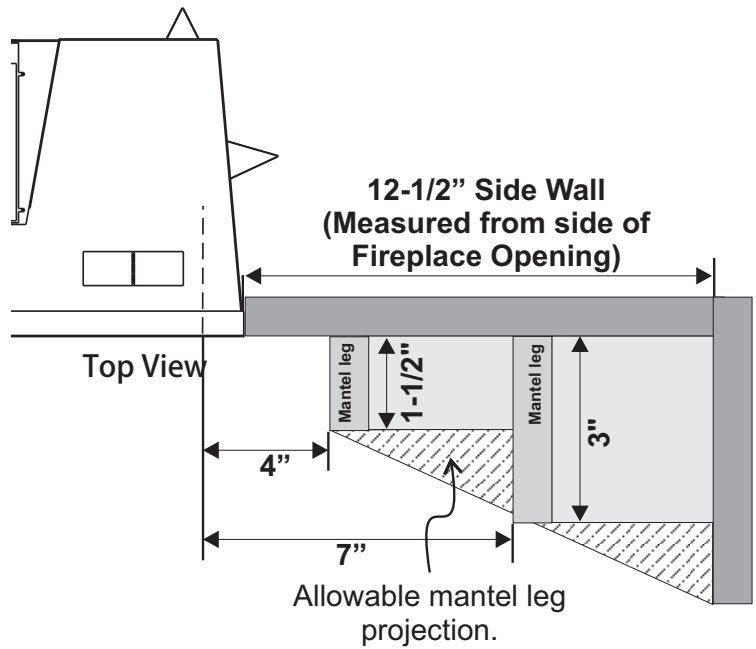
Note: A non-combustible mantel may be installed at a lower height if the framing is made of metal studs covered with a non-combustible board.

Note: Ensure the paint that is used on the mantel and the facing is "High Quality" or the paint may discolour.

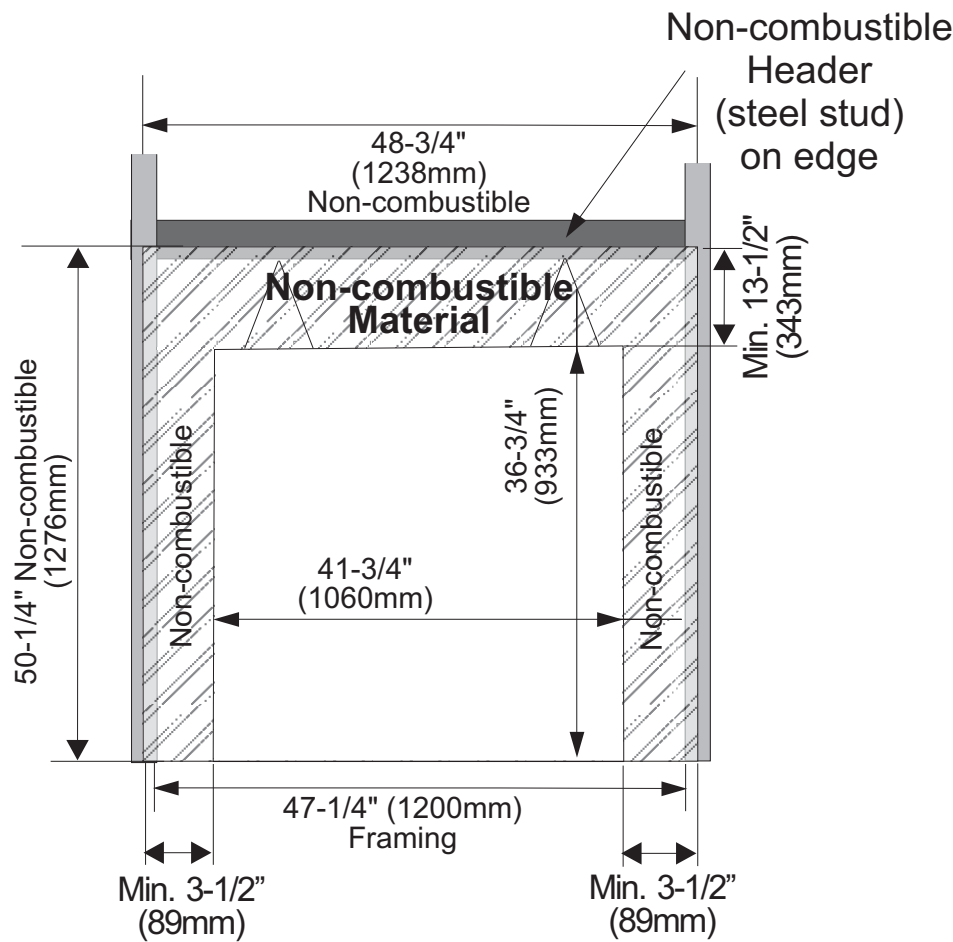


| Mantel Clearances B41XT | A | B | C | D |
|----------------------------------|--------------------|--------------------|--------------------|----------------|
| From Top of Fireplace Opening | 35-1/4" (895mm) | 32-1/4" (819mm) | 28-1/2" (724mm) | 24" (610mm) |

MANTEL LEG CLEARANCES



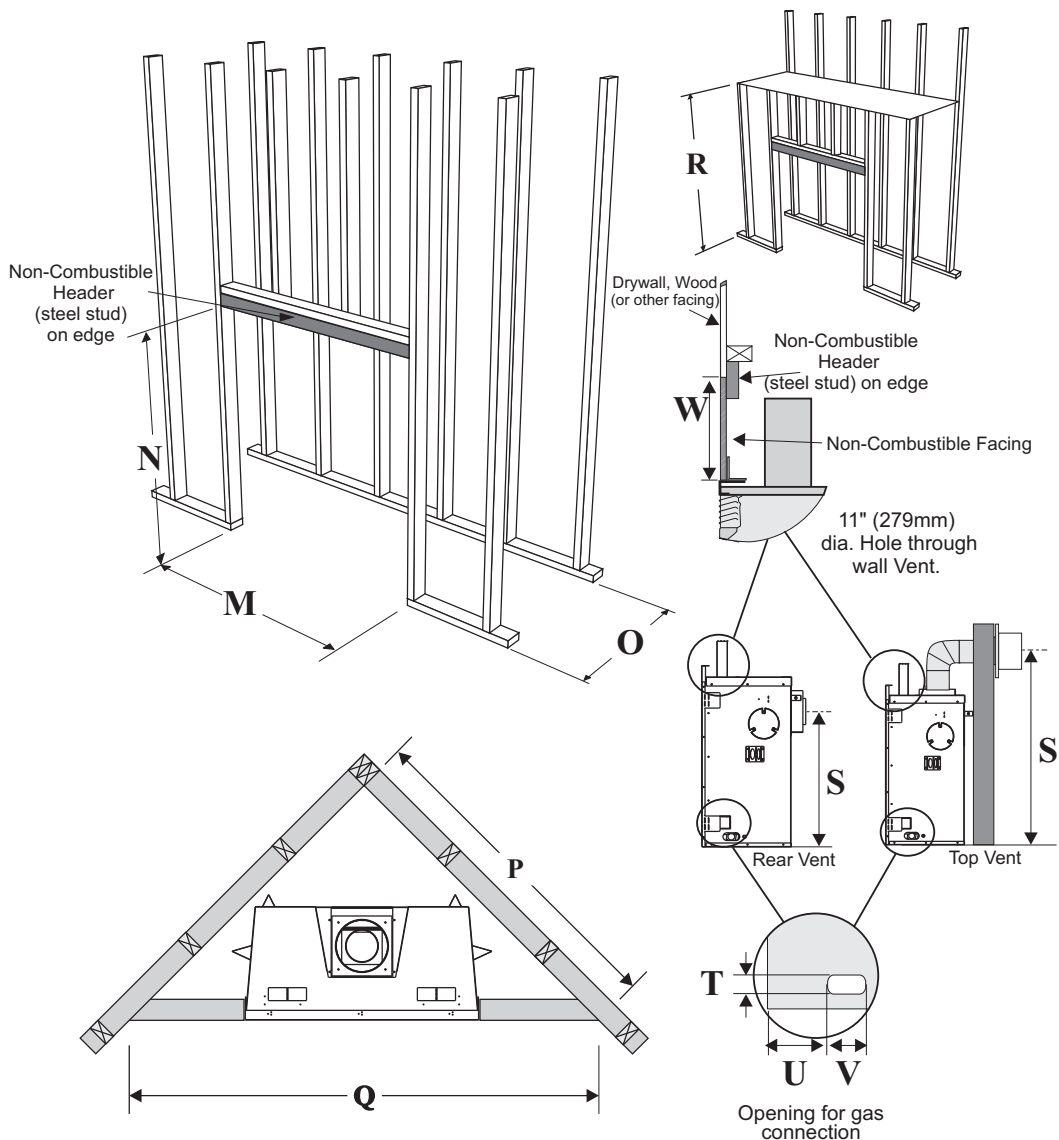
NON-COMBUSTIBLE REQUIREMENTS



FRAMING

| Framing Dimensions | Description | B41XT |
|--------------------|-------------------------------|-------------------------------|
| M | Framing Width | 47-1/4" (1200mm) |
| N | Framing Height | 49-1/2" (1257mm) |
| O (Rear Vent) | Framing Depth - Rear Vent | 23-1/4" (591mm) |
| O (Top Vent) | Framing Depth - Top Vent | 22-5/8" (575mm) |
| P | Corner Facing Wall Width | 60-1/4" (1530mm) |
| Q | Corner Facing Wall Width | 85-3/16" (2163mm) |
| R (Rear Vent) | Framed Chase Ceiling - Rear | 49-1/2" (1257mm) |
| R (Top Vent) | Framed Chase Ceiling - Top | 54-1/2" (1384mm) |
| S (Rear Vent) | Vent Centerline Height - Rear | 28-1/2" (724mm) |
| S (Top Vent) | Vent Centerline Height - Top | 47-1/2" (1207mm) Rigid / Flex |
| T | Gas Connection Height | 1-1/2" (38mm) |
| U | Gas Connection Inset | 5" (127mm) |
| V | Gas Connection Width | 3-1/4" (82mm) |
| W | Non-Combustible Top Height | 13-1/2" (343mm) |

**** Important:** Framing height requires consideration of the hearth depth. Dimension N = N + the thickness of the installed hearth.



INSTALLATION

FINISHING

IMPORTANT FINISHING DETAIL NOTE:

Before placing unit into final position - it is important to know the total thickness / height of finished hearth (tile, carpet, etc.) The base of the fireplace should be level or higher than the finished hearth height.

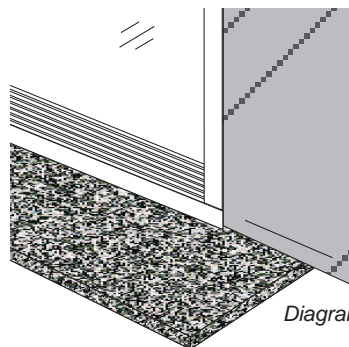


Diagram 1

Note:

All non-combustible facing material should butt up cleanly to the flanges around the firebox opening.

Rough edges will be visible from the front view with the flush louvers or flush panels - if not using the optional finishing trim.

To maintain a clean finished edge - it is recommended to install the non-combustible facing material with the finished edge against the fireplace / nailing strips.

Alternatively, you can use J Style Trim or Metal Corner Bead to cover cut edges of the non-combustible facing material.

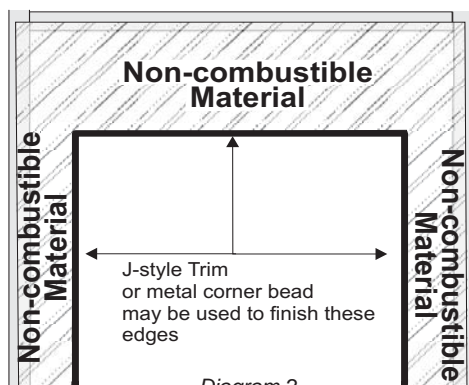


Diagram 2

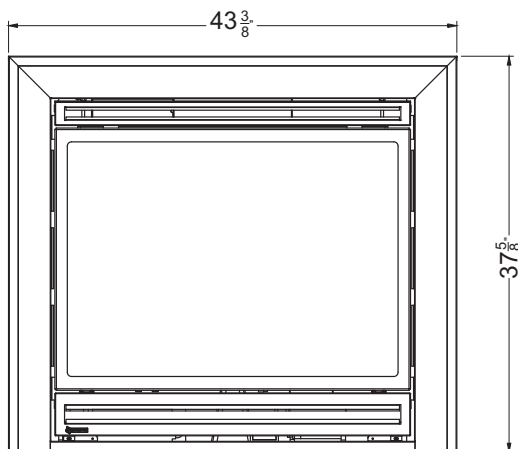


Diagram 3: Shown with optional Finishing Trim

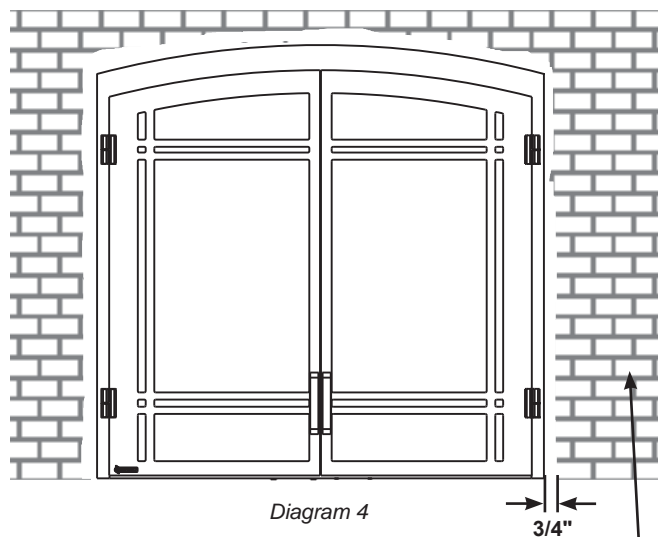
Important:

Finishing materials such as tile, river rock, etc, **must not** protrude beyond the front facing flanges the sides and top of the firebox opening.

Full Screen Doors Only:

If finishing with any material thicker than 1-1/4" - a 3/4" gap must be maintained between the full screen doors and the finishing material.

This gap is necessary to facilitate the installation and removal of the full screen doors.



Finishing material -
thicker than 1-1/4"

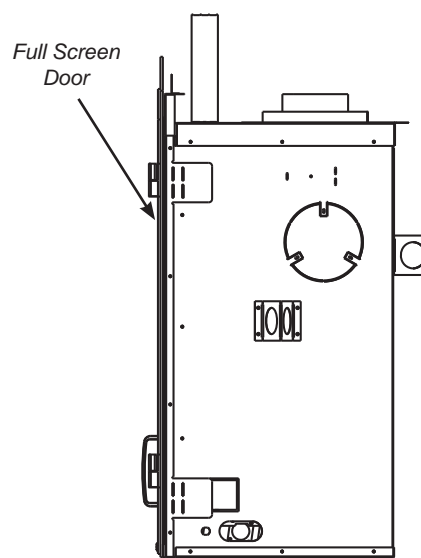


Diagram 5

UNIT ASSEMBLY PRIOR TO INSTALLATION

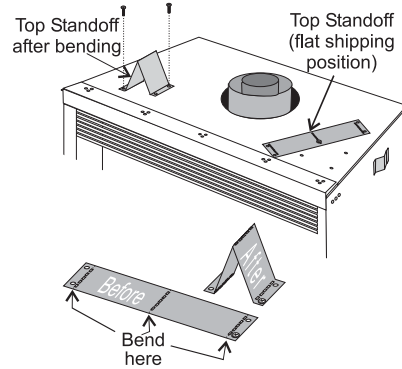
BEFORE YOU START

The Top Facing Support, the Side Nailing Strips, the 2 Top Standoffs and the Flue Collar must be correctly positioned and attached before the fireplace is moved into position.

TOP STANDOFF ASSEMBLY

The top standoffs are shipped in a flat position and must be folded into shape and attached.

- 1) Remove the standoffs from the fireplace top.
- 2) Take each standoff and bend into the correct shape. Bend up at the bend lines until the screw holes in the standoff and the pre-punched screw holes on the fireplace top line up.
- 3) Attach the standoff securely to the top with 2 screws per standoff (on opposite corners).



TOP FACING SUPPORT

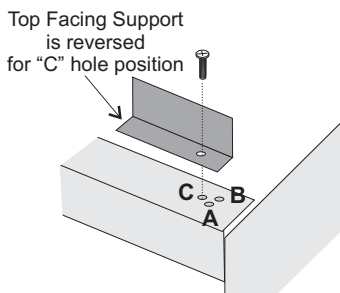
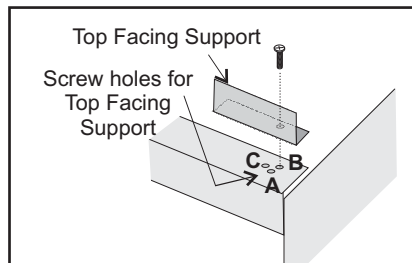
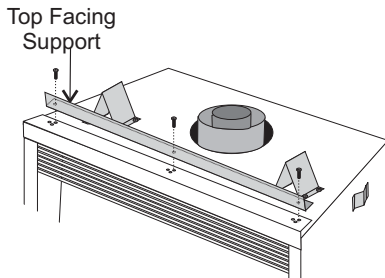
Determine the total thickness of facing material (e.g. drywall or wood plus ceramic tiles) to allow the finished surface to be flush with the front of the unit. Total facing thickness can vary from 1/2" (13mm) to 1-1/4" (32mm) thick.

The Top Facing Support can be mounted in 3 different positions depending on the thickness of the facing material.

| Screw Position | Facing Material Depth |
|----------------|-----------------------|
| A | 1/2" / 13mm |
| B | 7/8" / 22mm |
| C* | 1-1/4" / 32mm |

* For "C" screw position the top facing support is reversed.

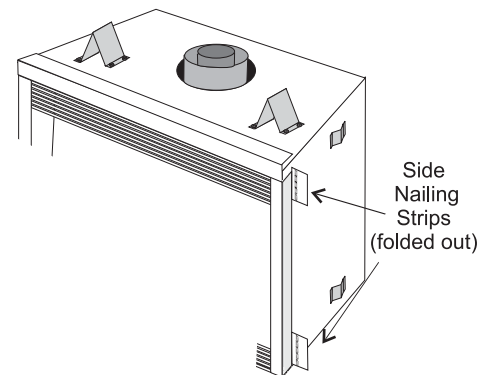
- 1) Mount Top Facing Support using the 3 supplied screws into the three pre-punched screw holes on the top front of the unit. Use hole positions A, B, or C depending on your facing depth.



"C" Screw Position:
For a facing material depth of 1-1/4" (32mm), the top facing support must be reversed.

SIDE NAILING STRIPS

The side nailing strips come attached to the unit. There are 2 plates, one on the top and bottom that can be folded out as required depending on the facing depth as per chart shown.



| Facing Material Depth |
|-----------------------|
| 1/2" / 13mm |
| 7/8" / 22mm |
| 1-1/4" / 32mm |

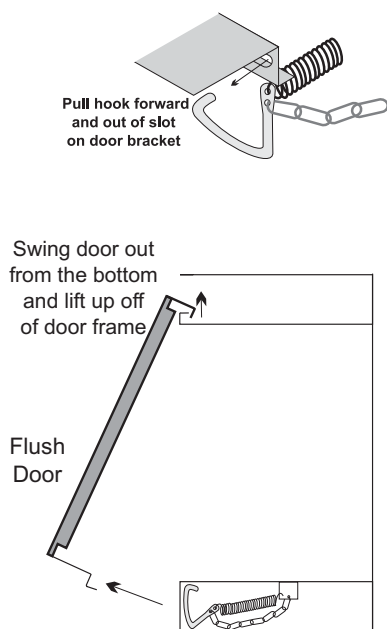
INSTALLATION

CONVERSION TO TOP VENT

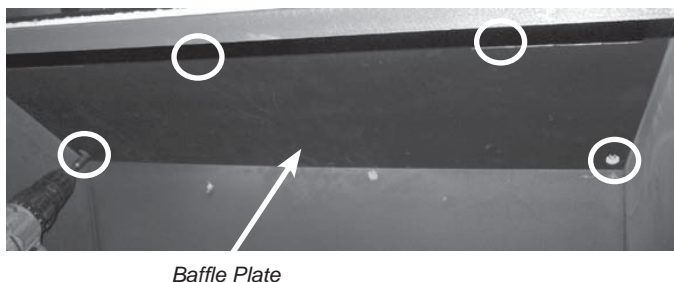
Note: This conversion must be done prior to the unit being placed in position.
The unit comes equipped as a rear vent unit. These instructions are to be used, only if the unit is going to be top vented.

| Top Collar Assembly Kit Includes: | |
|-----------------------------------|---------------------------------------|
| 1 | Intake Collar Assembly with Gasket |
| 1 | Intake Cover Plate with Gasket |
| 1 | Top/Rear Exhaust Assembly with Gasket |
| 1 | Baffle Plate |
| 29 | 1/4" x 1/2" Screws (4 spares) |
| 1 | Restrictor |
| 1 | Intake Collar Gasket (spare) |
| 1 | Exhaust Assembly Gasket (spare) |
| 1 | Insulation Plate Cover |
| 1 | Insulation Filling |

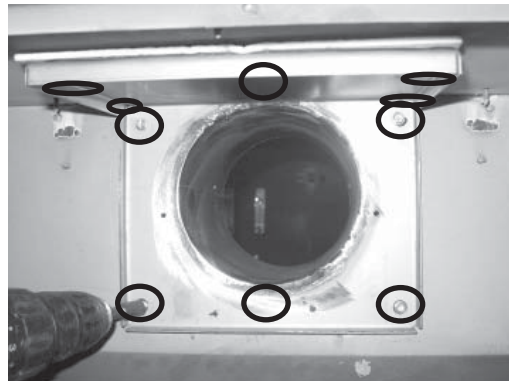
- 1) Remove the door by releasing the spring hooks at the bottom and lifting the door up off the door frame.



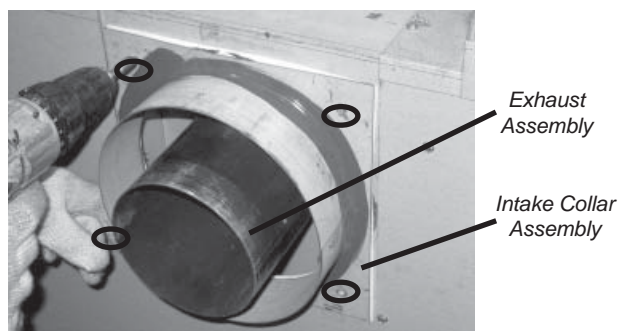
- 2) From inside the firebox, remove the baffle plate by removing 4 screws - remove top front screw first.



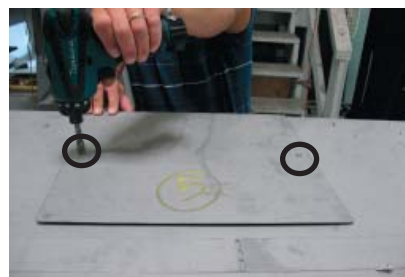
- 3) From the inside of the firebox, remove the exhaust assembly by removing the 10 screws.



- 4) From the outside rear of the firebox, remove the intake collar assembly. Remove the 4 - 1/4" x 1/2" screws.



- 5) From the outside top of the firebox - remove top insulation cover plate - by removing 2 screws as shown and discard.

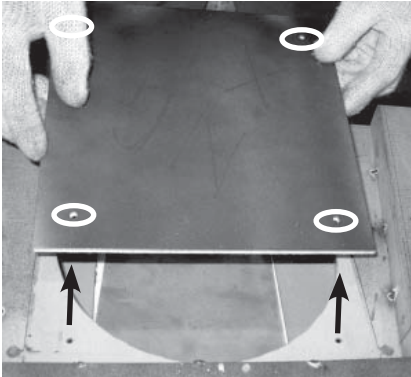


- 6) From the outside top of the firebox - slide the square piece of insulation out and discard.



INSTALLATION

- 7) **From the outside top of the firebox** - remove the intake cover plate by removing the 4 - 1/4" x 1/2" screws.



Before proceeding to Step 8, inspect condition of all gaskets. **DO NOT** install parts with damaged gaskets. Replace if necessary with spare gaskets supplied.

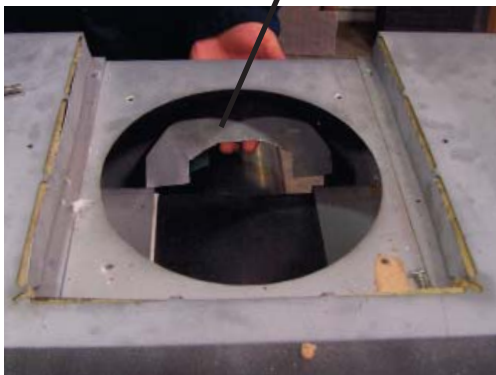
- 8) **From the outside top of the firebox** - completely remove the insulation under the cover plate as shown and discard.



- 9) **From the outside back of the firebox** - locate the insulation deflector and bend completely upwards flat against the back of firebox.

IMPORTANT: If the insulation deflector is not bent flat against the back of the firebox this will block air intake which will affect the unit's performance.

Insulation Deflector



View Front of Firebox

- 10) **From the inside of the firebox**, place the exhaust assembly into position as shown in Diagram 1 and secure with 10 - 1/4" x 1/2" screws (Diagram 2). Ensure all screws are tight, but do not over tighten. All 10 screws must be used.

Diagram 1

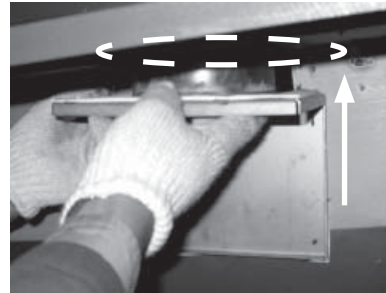
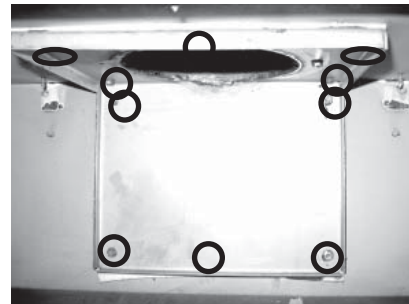
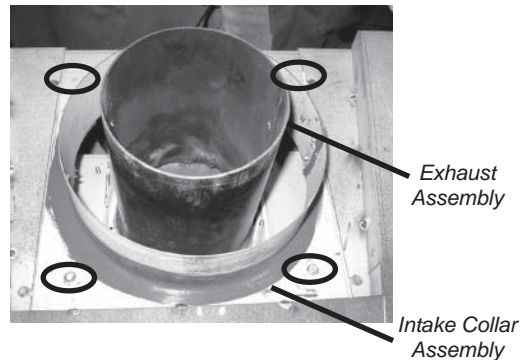


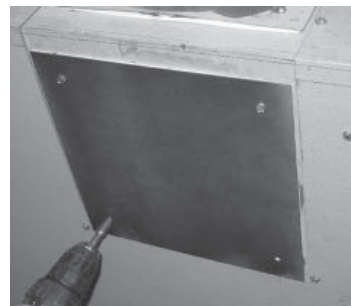
Diagram 2



- 11) **From the outside top of the firebox**, install the intake collar assembly. Secure with 4 - 1/4" x 1/2" screws. Ensure all screws are tight, but do not over tighten. All 4 screws must be used.



- 12) **From the outside rear of the firebox**, install the intake cover plate with 4 - 1/4" x 1/2" screws. Ensure all screws are tight, but do not over tighten. All 4 screws must be used.



- 13) Set vent restrictor accordingly - see next page.

- 14) **From inside the firebox**, re-install the baffle plate from step 2.

INSTALLATION

VENTING INTRODUCTION

The B41XT uses the "balanced flue" technology Co-Axial system. The inner liner vents products of combustion to the outside while the outer liner 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.

VENT RESTRICTOR & BAFFLE INSTALLATION

NOTE: THE VENT RESTRICTOR & BAFFLE MUST BE INSTALLED PRIOR TO OPTIONAL PANEL INSTALLATION.

- 1) Determine the venting configuration.
- 2) Go to venting arrangements section to determine if a vent restrictor setting is required.
Note: The vent restrictor does not apply to rear vent applications.
- 3) Remove baffle plate. See Diagram 3.
- 4) Align the vent restrictor plate to the required vent restrictor position as per diagram 1.
- 5) Once the vent restrictor plate is in the required position, secure with 2 - 1/4" x 1/2" screws. Ensure all screws are tight, but do not over tighten. (See diagram 2).

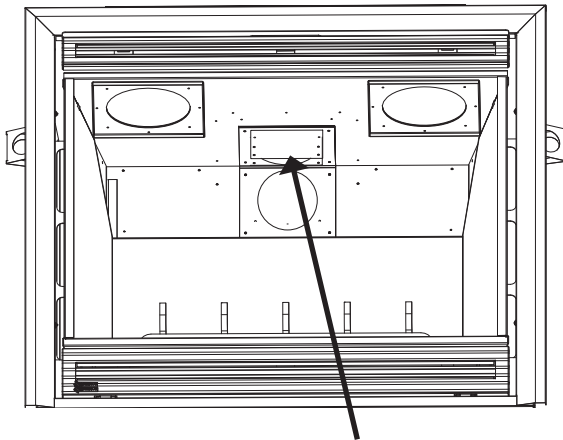
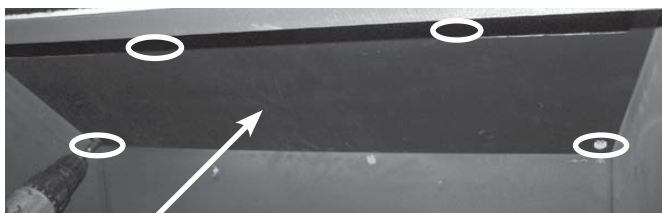


Diagram 2: Vent Restrictor installed on Top Exhaust Assembly

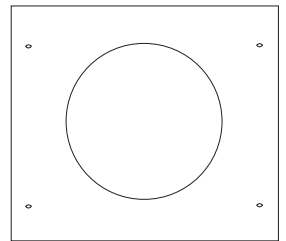
- 6) From **inside** the firebox, install the baffle plate with 4 - 1/4" x 1/2" screws. Ensure all screws are tightly secure, but do not over tighten.



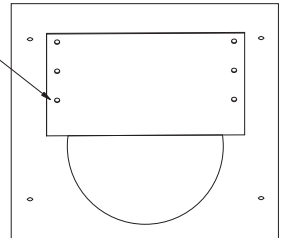
Baffle Plate

Diagram 3

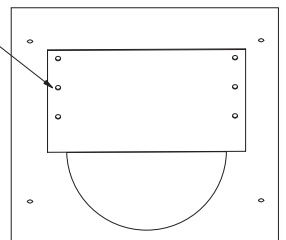
NO VENT RESTRICTOR
Factory setting



SET 1
THIS HOLE SETS THE
VENT RESTRICTOR
AT 3-1/2"



SET 2
THIS HOLE SETS THE
VENT RESTRICTOR
AT 2-1/2"



SET 3
THIS HOLE SETS THE
VENT RESTRICTOR
AT 1-1/2"

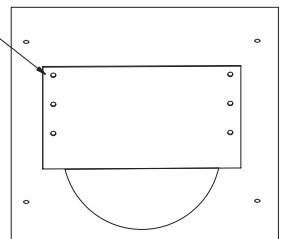
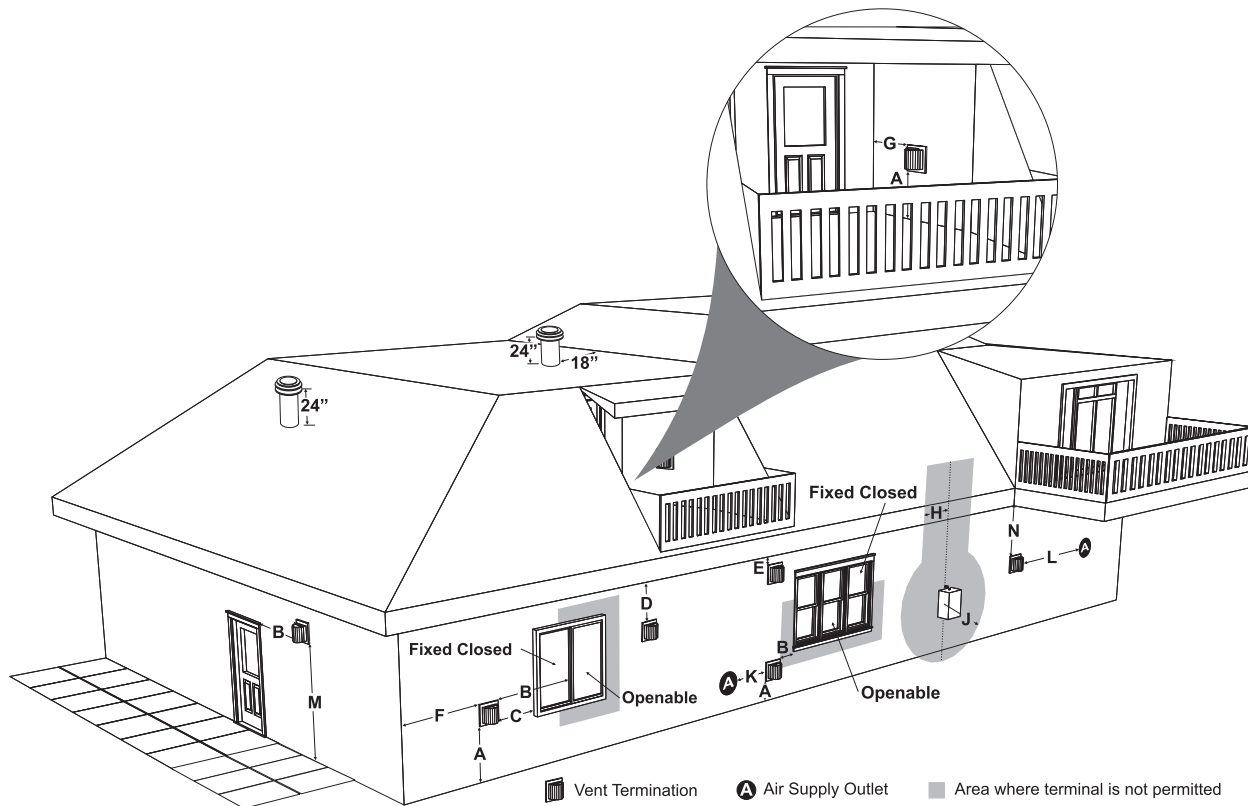


Diagram 1

EXTERIOR VENT TERMINATION REQUIREMENTS



| | Minimum Clearance Requirements | Canada ¹ | USA ² |
|---|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|------------------------|
| A | Clearance above grade, veranda, porch, deck, or balcony | 12"(30cm) | 12"(30cm) |
| B | Clearance to window or door that may be opened | 12"(30cm) | 9" (23cm) |
| C | Clearance to permanently closed window | * | * |
| D | Vertical clearance to ventilated soffit located above the terminal within a horizontal distance of 2 feet (61cm) from the center line of the terminal (check with the local code) | 24"(60cm) | 24"(60cm) |
| E | Clearance to unventilated soffit | 19-1/2"(50cm) | 20"(51cm) |
| F | Clearance to outside corner: with AstroCap XL Termination Cap. | 13"(33cm) | 13"(33cm) |
| | Clearance to outside corner: with all other approved Termination Caps. | 13"(33cm) | 13"(33cm) |
| G | Clearance to inside corner: with AstroCap XL Termination Cap | 5-1/2"(14cm) | 5-1/2"(14cm) |
| | Clearance to inside corner: with all other approved Termination Caps. | 7"(18cm) | 7"(18cm) |
| H | Clearance to each side of center line extended above meter/regulator assembly | 36"(90cm) ^a | * |
| J | Clearance to service regulator vent outlet | 36"(90cm) | * |
| K | Clearance to non-mechanical air supply inlet to building or the combustion air inlet to any other appliance | 12"(30cm) | 9" (23cm) |
| L | Clearance to a mechanical air supply inlet #3' (91cm) above if within 10' (3m) horizontally. | 72"(1.8m) | 36"(90cm) ^b |
| M | Clearance above paved sidewalk or a paved driveway located on public property | 84"(2.1m) [†] | * |
| N | Clearance under veranda, porch, deck, or balcony | 12"(30cm) [‡] | * |

¹ In accordance with current CSA B149.1, Natural Gas and Propane Installation Code
² In accordance with the current ANSI Z223.1/NFPA 54, National Fuel Gas Code
[†] A vent shall not terminate directly above a sidewalk or paved driveway which is located between two single family dwellings and serves both dwellings
[‡] Permitted only if veranda, porch, deck, or balcony is fully open on a minimum of two sides beneath the floor
* Clearance in accordance with local installation codes and the requirements of the gas supplier
^a 3 feet (91cm) within a height of 15 feet (4.5m) above the meter / regulator assembly
^b 3 feet (91cm) above - if within 10 feet (3m) horizontally

INSTALLATION

5" X 8" RIGID PIPE CROSS REFERENCE CHART ONLY

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

| Description | Simpson Direct Vent Pro® | Selkirk Direct Temp™ | Metal-Fab™ Sure Seal | ICC Excel Direct |
|----------------------------|-----------------------------|-------------------------|-------------------------|---------------------|
| 6" Pipe Length-Galvanized | 58DVA-06 | 5DT-6 | 5D6 | TC-5DL6 |
| 6" Pipe Length-Black | 58DVA-06B | 5DT-6B | 5D6B | TC-5DL6B |
| 9" Pipe Length-Galvanized | 58DVA-09 | 5DT-9 | N/A | N/A |
| 9" Pipe Length-Black | 58DVA-09B | 5DT-9B | N/A | N/A |
| 12" Pipe Length-Galvanized | 58DVA-12 | 5DT-12 | 5D12 | TC-5DL1 |
| 12" Pipe Length-Black | 58DVA-12B | 5DT-12B | 5D12B | TC-5DL1B |
| 18" Pipe Length-Galvanized | 58DVA-18 | 5DT-18 | 5D18 | TC-5DL18 |
| 18" Pipe Length-Black | 58DVA-18B - N/A from FPI | 5DT-18B | 5D18B | TC-5DL18B |
| 24" Pipe Length-Galvanized | 58DVA-24 | 5DT-24 | 5D24 | TC-5DL2 |
| 24" Pipe Length-Black | 58DVA-24B | 5DT-24B | 5D24B | TC-4DL2B |
| 36" Pipe Length-Galvanized | 58DVA-36 | 5DT-36 | 5D36 | TC-5DL3 |
| 36" Pipe Length-Black | 58DVA-36B | 5DT-36B | 5D36B | TC-5DL3B |
| 48" Pipe Length-Galvanized | 58DVA-48 | 5DT-48 | 5D48 | TC-5DL4 |
| 48" Pipe Length-Black | 58DVA-48B | 5DT-48B | 5D48B | TC-5DL4B |
| 60" Pipe Length-Galvanized | 58DVA-60 | N/A | N/A | N/A |
| 60" Pipe Length-Black | 58DVA-60B - N/A from FPI | N/A | N/A | N/A |

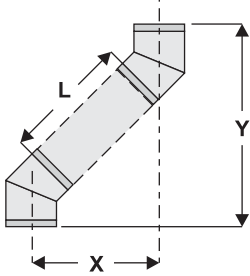
| | | | | |
|--------------------------------------|--------------------------|---------|-------|----------|
| Adjustable Length 3"-10"-Galvanized | N/A | N/A | 5DAL | TC-5DLT |
| Adjustable Length 3"-10"-Black | N/A | N/A | 5DALB | TC-5DLTB |
| Adjustable Length 11"-14"-Galvanized | Disc. - See 58DV-08A | 5DT-AJ | N/A | N/A |
| Adjustable Length 11"-14"-Black | Disc. - See 58DV-08B | 5DT-AJB | N/A | N/A |
| Extension Pipe 17"-24"-Galvanized | Disc. - See 58DV-16A | N/A | N/A | N/A |
| Extension Pipe 17"-24"-Black | Disc. - See 58DV-16AB | N/A | N/A | N/A |
| Adjustable Length 8-1/2"-Galvanized | 58DVA-08A - N/A from FPI | N/A | N/A | N/A |
| Adjustable Length 8-1/2"-Black | 58DVA-08AB | N/A | N/A | N/A |
| Extension Pipe 16"-Galvanized | 58DVA-16A - N/A from FPI | N/A | N/A | N/A |
| Extension Pipe 16"-Black | 46DVA-16AB | N/A | N/A | N/A |

| | | | | |
|--------------------------------------|-----------------------|------------|------------|-----------|
| 45° Elbow-Galvanized | 58DVA-E45 | 5DT-EL45 | 5DT-EL45 | TE-5DE45 |
| 45° Elbow-Black | 58DVA-E45B | 5DT-EL45B | 5DT-EL45B | TE-5DE45B |
| 45° Elbow Swivel-Galvanized | Disc. - See 58DVA-E45 | N/A | N/A | N/A |
| 45° Elbow Swivel-Black | Disc.-See 58DVA-E45B | N/A | N/A | N/A |
| 90° Elbow-Galvanized | 58DVA-E90 | 5DT-EL90S | 5DT-EL90S | TE-5DE90 |
| 90° Elbow-Black | 58DVA-E90B | 5DT-EL90SB | 5DT-EL90SB | TE-5DE90B |
| 90° Elbow, Swivel-Galvanized | Disc. - See 46DVA-E45 | N/A | N/A | N/A |
| 90° Elbow, Swivel-Black | Disc. - See 46DVA-E45 | N/A | N/A | N/A |
| 90° Starter Elbow, Swivel-Galvanized | N/A | N/A | N/A | N/A |
| Adaptor* | N/A | N/A | N/A | N/A |

| | | | | |
|--------------------------------------|-------------------------|----------|------|-----------|
| Ceiling Support | 58DVA-DC | 5DT-CS | 5DSP | TE-5DE45 |
| Cathedral Support Box | 58DVA-CS | 5DT-CSS | 5DRS | TE-5DE45B |
| Wall Support/Band | 58DVA-WS | 5DT-WS/B | 5DWS | N/A |
| Offset Support | 58DVA-ES - N/A from FPI | 5DT-OS | N/A | N/A |
| Wall Thimble-Black | 58DVA-WT | 5DT-WT | 5DWT | TE-5DE90 |
| Wall Thimble Support/Ceiling Support | 58DVA-DC - N/A from FPI | N/A | N/A | TE-5DE90B |
| Firestop Spacer | 58DVA-FS | 5DT-FS | 5DFS | N/A |
| Trim Plate-Black | 58DAV-WFS | 5DT-TP | 5DCP | N/A |

| Description | Simpson Direct Vent Pro® | Selkirk Direct Temp™ | Metal-Fab™ Sure Seal | ICC Excel Direct |
|--------------------------------------|-----------------------------------------------------|-------------------------|-------------------------|-------------------------------------|
| Attic Insulation Shield 12" | 58DVA-IS N/A from FPI | N/A | N/A | N/A |
| Basic Horizontal Termination Kit (A) | N/A | 5DT-HKA | N/A | N/A |
| Horizontal Termination Kit (B) | 58DVA-KHA | 5DT-HKB | N/A | N/A |
| Vertical Termination Kit | 58DVA-VHA | 5DT-VKC | N/A | N/A |
| High Wind Vertical Cap | 58DVA-VCH | N/A | N/A | TM-5VT |
| High Wind Horizontal Cap | N/A | N/A | N/A | TM-5DHT |
| Horizontal Square Termination Cap | N/A | 5DT-HHC | 5DHT | TM-5HT |
| Vertical Termination Cap | N/A | 5DT-HVC | 5DVT | TM-5VT |
| Storm Collar | 58DVA-SC | 5DT-SC | 5DSC | TM-SC |
| Adjustable Flashing 0/12-6/12 | 58DVA-F6 | 5DT-AF6 | 5DF | TF-5FA |
| Adjustable Flashing 6/12-12/12 | 58DVA-F12 | 5DT-AF12 | 5DF1-2 | TF-5FB |
| Vinyl Siding Standoff | 58DVA-VSS | 5DT-VS | 5DVS | TM-VSS |
| Vinyl Siding Shield Plate | N/A | 5DT-VSP | N/A | N/A |
| Snorkel Termination 14" | 58DVA-SNK14 | N/A | N/A | TM-5ST14 |
| Snorkel Termination 36" | 58DVA-SNK36 (N/A - FPI) | N/A | N/A | TM-5ST36 |
| Restrictor Disk | 58DVA-RD | N/A | N/A | TM-5DS |
| Colinear Flex Connectors | N/A | N/A | N/A | N/A |
| FPI | | | | |
| 946-604/P | Simpson Direct Vent -Vent Guard (Optional) | | 946-623/P | AstroCap XL Horizontal Cap |
| 770-994 | Rigid Pipe Adaptor (Must use with all rigid piping) | | 946-506/P | Vent Guard (Optional) |
| 946-606 | Starter collar reducer 5" x 8" to 4" x 6-5/8" | | 946-625 | Vinyl Siding Standoff - AstroCap XL |

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 (510-994).

| Offset Pipe Selection: Use this table to determine offset pipe lengths. | | | | |
|-------------------------------------------------------------------------|-------------------|-------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pipe Length (L) | 5" x 8" Venting | |  | For specific instructions on venting components - visit the manufacturers website listed below. |
| | Run (X) | Rise (Y) | | |
| 0" (0mm) | 5-11/16" (144mm) | 15-5/16" (389mm) | | |
| 6" (152mm) | 8-13/16" (224mm) | 18-7/16" (468mm) | | |
| 9" (229mm) | 10-15/16" (278mm) | 20-9/16" (522mm) | | |
| 12" (305mm) | 13" (330mm) | 22-11/16" (576mm) | | |
| 24" (610mm) | 21-7/16" (697mm) | 31-1/16" (789mm) | | |
| 36" (914mm) | 29-13/16" (757mm) | 39-7/16" (1002mm) | | |
| 48" (1219mm) | 38-1/4" (972mm) | 47-7/8" (1216mm) | | |
| | | | | <p>Simpson Direct Vent Pro: www.duravent.com</p> <p>Selkirk Direct-Temp: www.selkirkcorp.com</p> <p>Metal-Fab Sure Seal: www.mtfab.com</p> <p>Industrial Chimney Company: www.icc-rsf.com</p> <p>Note: Horizontal runs of vent must be level, or have a 1/4" rise for every 1 foot of run towards the termination. Never allow the vent to run downward - this could cause high temperatures and may present a possible fire hazard.</p> |

INSTALLATION

VENTING ARRANGEMENTS FOR HORIZONTAL TERMINATIONS

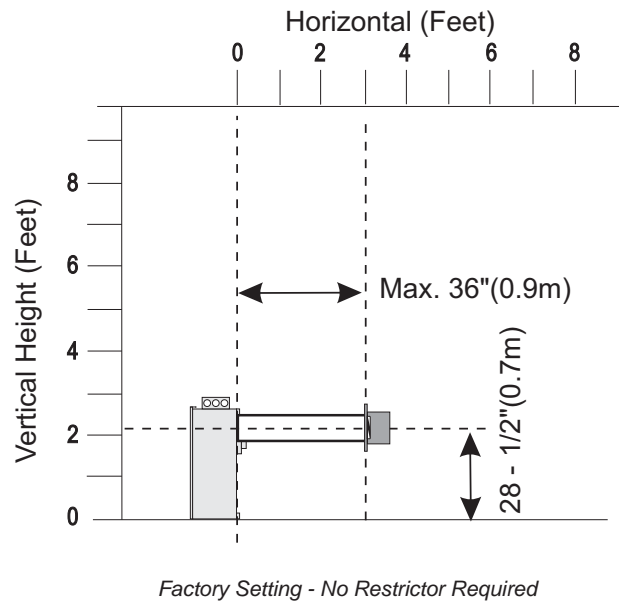
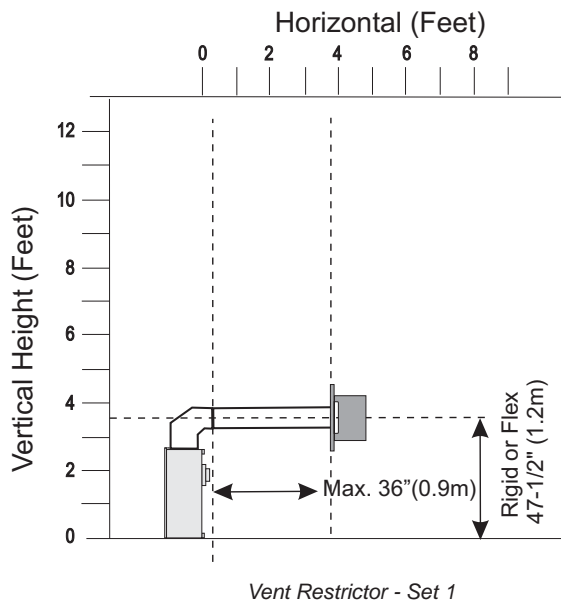
FLEX VENT OR RIGID PIPE 5" X 8"

The diagrams show all allowable combinations of vent runs with 5" x 8" venting using the Regency direct vent system or rigid vent system. A vent guard should be used whenever the termination is lower than the specified minimum or as per local codes.

For horizontal terminations the Regency Direct Vent Flex System may be used for installations upto a maximum **continuous** vent length of 10ft (3.0m).

Note: Must use optional rigid pipe adaptor (Part # 770-994) when using Rigid Pipe vent systems.

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



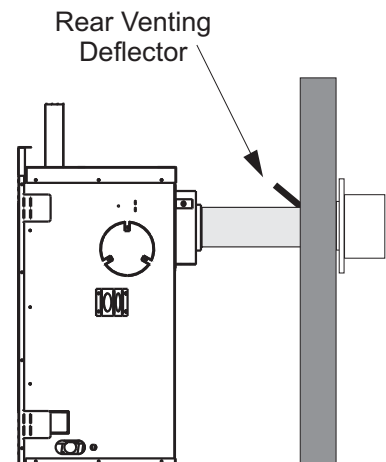
IMPORTANT
Must use Rear Venting Deflector packaged with unit in rear vent horizontal termination applications.

REAR VENTING DEFLECTOR INSTALLATION FOR REAR VENTED HORIZONTAL TERMINATIONS

The Rear Vent Deflector comes with the unit. When the unit is shipped the deflector is slightly tucked underneath the top nailing strips located at the top of the firebox.

NOTE: The Rear Venting Deflector must be installed before the unit is put in place.

- 1) Secure the rear venting deflector to the wall thimble using 2 screws as shown. Ensure to use the same screw holes as the wall thimble.



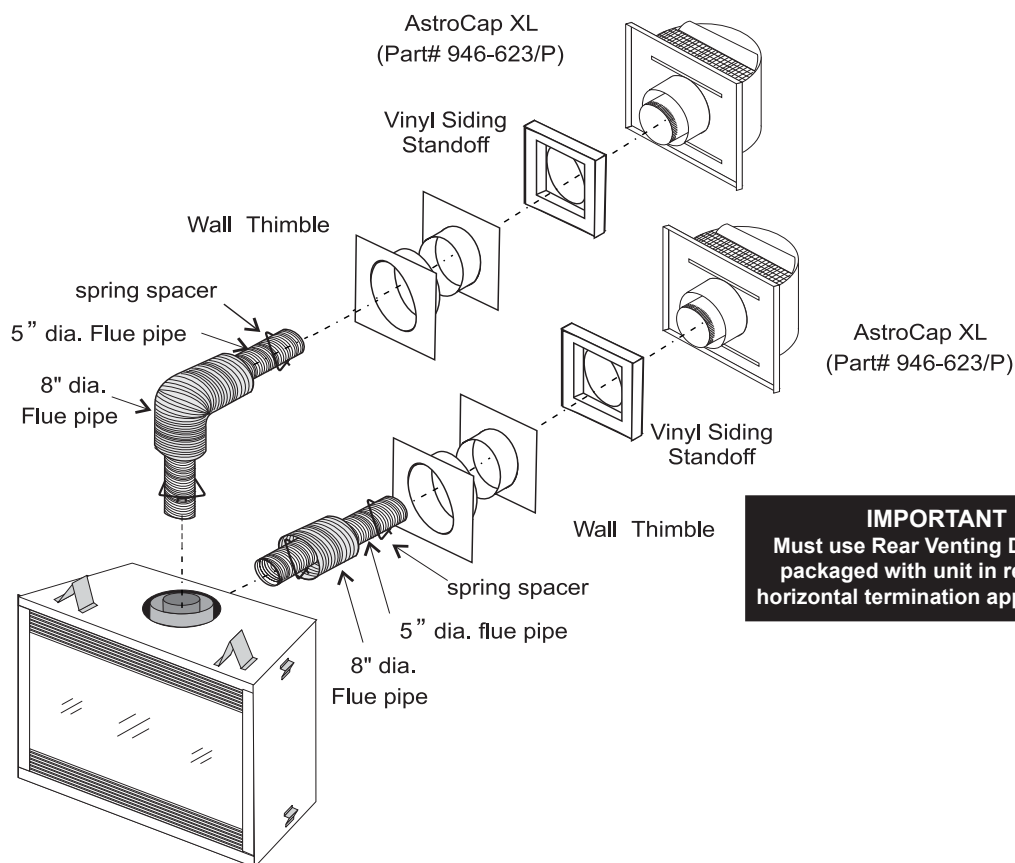
HORIZONTAL TERMINATIONS

FLEX VENT 5" X 8"

These venting systems, in combination with the B41XT Direct Vent Gas Fireplace, has been tested and listed as a direct vent heater system by Warnock Hersey. The location of the termination cap must conform to the requirements in the Vent Terminal Locations diagram in "Exterior Vent Termination Locations" section.

Regency® Direct Vent (Flex) System 4 foot Termination Kit (Part# 946-615) or 10 foot Termination Kit (Part# 946-616) includes all the parts needed to install the B41XT with a either a top or rear vent.

| FPI Kit # | Length | Contains: |
|-----------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| #946-615 | 4 Feet | <ol style="list-style-type: none"> 1) 8" flexible liner (Kit length) 2) 5" flexible liner (Kit length) 3) spring spacers 4) thimble 5) AstroCap XL termination cap 6) screws 7) tube of Mill Pac 8) plated screws 9) S.S. screws #8 x 1-1/2" drill point 10) vinyl siding standoff |
| #946-618 | 6 Feet | |
| #946-616 | 10 Feet | |
| | | |



Notes:

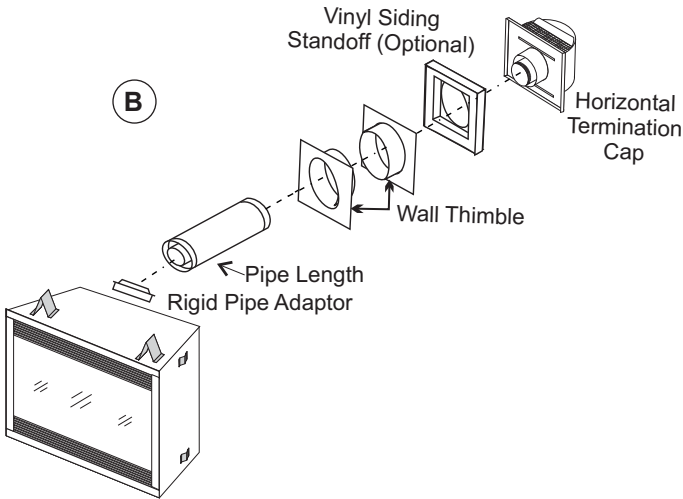
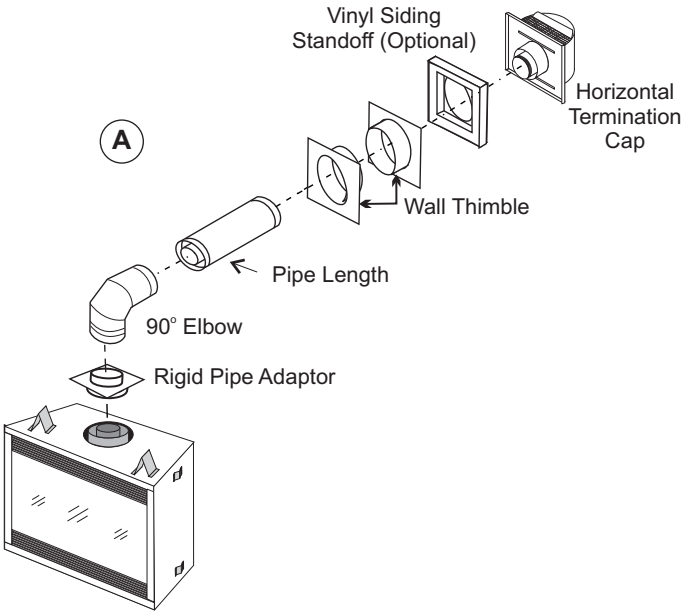
- 1) Liner sections should be continuous without any joints or seams.
- 2) Only Flex pipe purchased from Regency may be used for Flex installations.
- 3) Regency® Direct Vent System (Flex) is only approved for horizontal terminations.

NOTE: If longer runs are required the FPI Direct Vent system (Flex) #946-616 includes all parts needed to install the B41XT with a maximum 10' run.

HORIZONTAL TERMINATIONS

RIGID PIPE 5" X 8"

| Horizontal Termination | |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A | Top Vent - No Vertical Rise <ul style="list-style-type: none">• When venting with a 90° elbow directly off the unit Flex vent or approved Rigid Vent System• Max. 3 ft. horizontal run |
| B | Rear Vent w/ Horizontal Termination <ul style="list-style-type: none">• Max. 3ft. horizontal run |



IMPORTANT
Must use Rear Venting Deflector packaged with unit in rear vent horizontal termination applications.

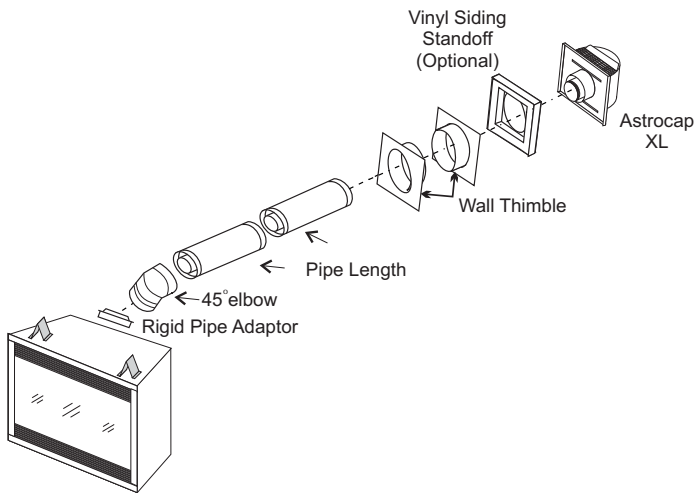
HORIZONTAL TERMINATIONS

ASTROCAP XL & RIGID REAR VENT KIT FOR CORNER INSTALLATIONS RIGID PIPE 5" X 8"

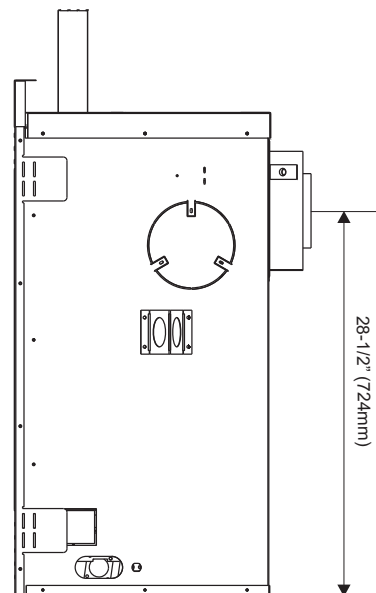
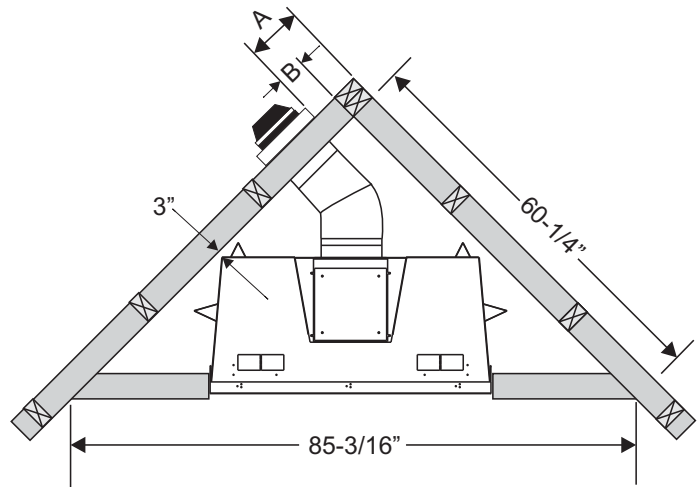
Designed for a minimum vent configuration when using a rear vent application with a horizontal termination in a corner installation.

| Kit# 946-612 Includes: | | |
|------------------------|----------------------------------|-----------|
| 1 | AstroCap XL | 946-623/P |
| 1 | Rigid Pipe Adaptor | 770-994 |
| 1 | Vinyl Siding Standoff (Optional) | 946-625 |
| 1 | Wall Thimble | 58DVA-WT |
| 1 | 6" Galvanized Rigid Pipe | 58DVA-06 |
| 1 | 8-1/2" Galvanized Pipe Extension | 58DVA-08A |
| 1 | 45° Galvanized Elbow | 58DVA-E45 |
| 1 | 90ml MillPac | 948-128 |

| Placement of the Unit into the Corner | |
|-------------------------------------------|----------|
| Back Top Corner of Unit to Wall | 3" |
| Inside Corner out along the Wall | 60-1/4" |
| Across the Face of the Unit, Wall to Wall | 85-3/16" |
| A - Clearance to Outside Corner | 13" |
| B - Clearance to Inside Corner | 5-1/2" |



IMPORTANT
Must use Rear Venting Deflector packaged with unit in rear vent horizontal termination applications.

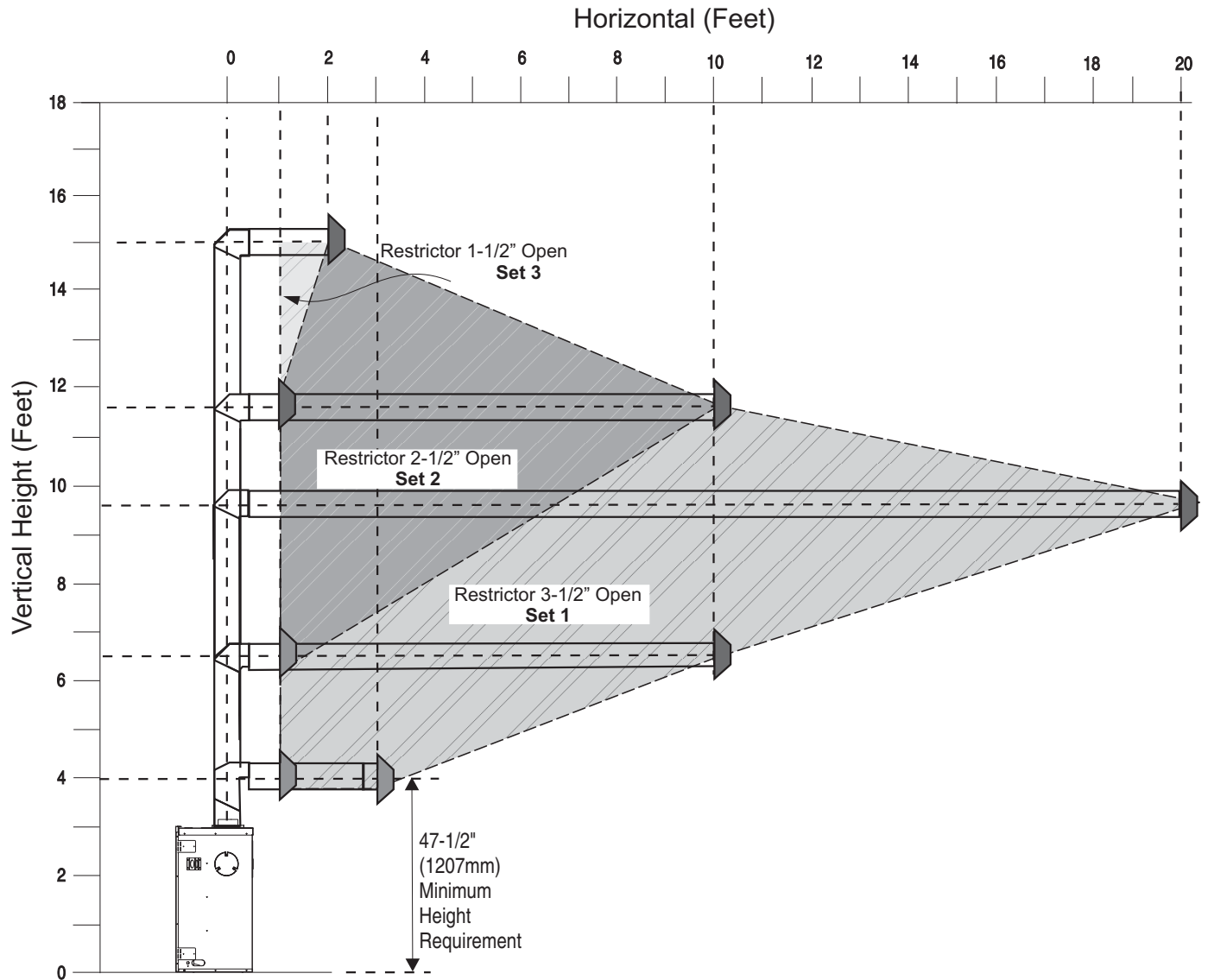


INSTALLATION

VENTING ARRANGEMENTS FOR HORIZONTAL TERMINATIONS

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

- Maintain clearances to combustibles as listed in "Clearances" section
- Horizontal vent must be supported every 3 feet.
- Firestops are required at each floor level and whenever passing through a wall.
- A wall thimble is mandatory for all horizontal terminations due to high temperatures.



RIGID PIPE VENTING SYSTEMS

BASIC HORIZONTAL & VERTICAL TERMINATIONS

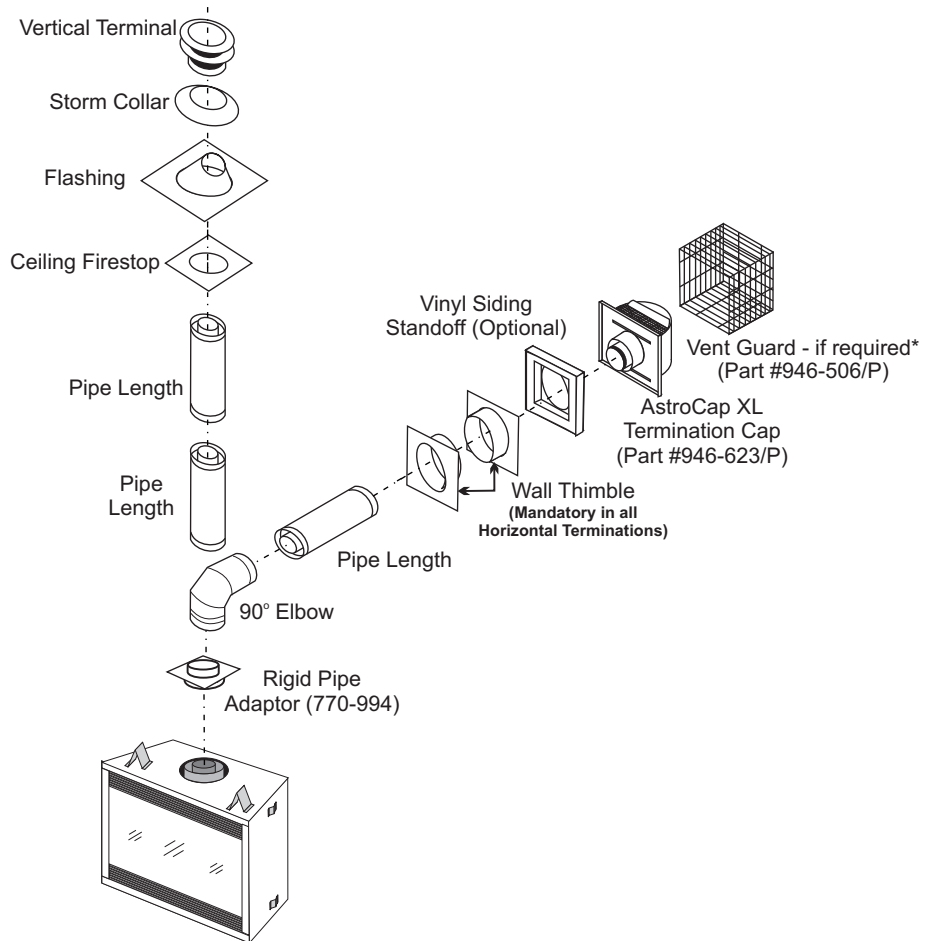
Rigid Pipe Vent Systems offer a complete line of component parts for installation of both horizontal and vertical installations. Many items are offered in decorative black, as well as galvanized finish.

The minimum components required for a basic Horizontal Termination are:

- 1 AstroCap XL Termination Cap
- 1 90° Elbow
- 1 Rigid Pipe Adaptor
- 1 Wall Thimble
- 1 Length of rigid pipe to suit wall thickness

The minimum components required for a basic Vertical Termination are:

- 1 Vertical Termination Cap
- 1 Rigid Pipe Adaptor
- 1 Lengths of pipe to adequately penetrate roof
- 1 Ceiling Firestop
- 1 Flashing
- 1 Storm Collar



Wall thickness is measured from the back standoffs to the inside mounting surface of termination cap. For siding other than vinyl, furring strips may be used, instead of a vinyl siding standoff, to create a level surface to mount the vent terminal. The Terminal must not be recessed into siding. Measure the wall thickness including furring strips.

If a Vinyl Siding Standoff is required (it must be used with vinyl siding), measure to outside surface of wall without siding and add 2 inches.

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

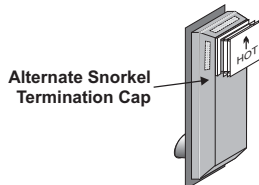
WARNING:

Do not combine venting components from different venting systems.

Exception: However, use of the the AstroCap XL™ is acceptable with all systems.

This product has been evaluated by Intertek for using a Rigid Pipe Adaptor in conjunction with Simpson DV Pro, Metal-Fab Sure-Seal, ICC Excel and Selkirk Direct-Temp systems. Use of these systems with the Rigid Pipe adaptor is deemed acceptable and does not affect the Warnock Hersey/Intertek listing of components.

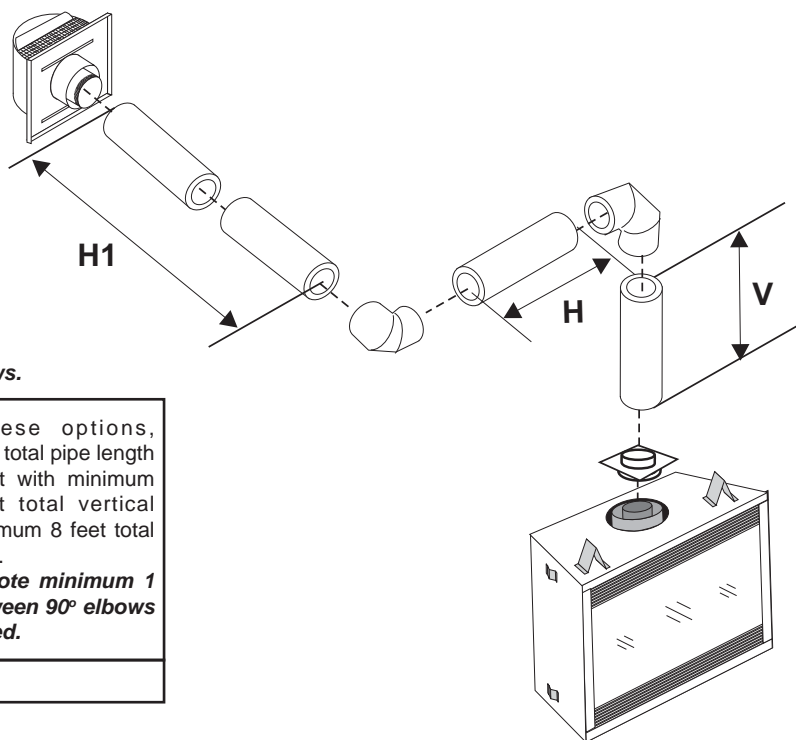
Alternate Horizontal Termination Caps



The FPI AstroCap XL™ is certified for installations using FPI venting systems as well as Simpson Dura-Vent® Direct Vent Pro, ICC Excel and Selkirk Direct-Temp. AstroCap XL™ 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

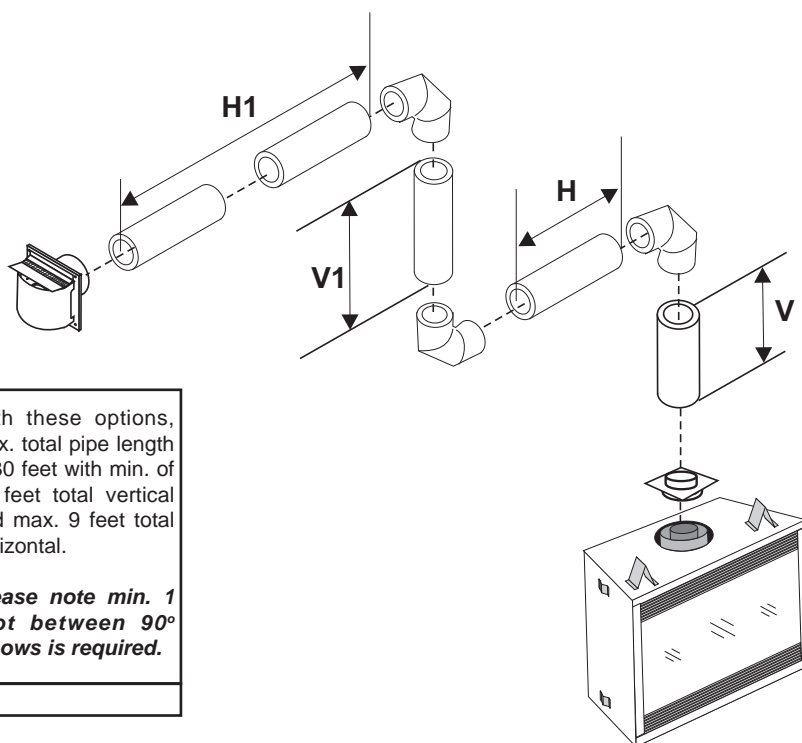
HORIZONTAL TERMINATIONS TWO (2) 90° ELBOWS (RIGID PIPE 5" X 8")



| Option | V | H + H1 | With these options, maximum total pipe length is 30 feet with minimum of 6 feet total vertical and maximum 8 feet total horizontal. <i>Please note minimum 1 foot between 90° elbows is required.</i> |
|------------------------------|---------|---------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A) | 0' Min. | 2' Max. | |
| B) | 1' Min. | 3' Max. | |
| C) | 2' Min. | 4' Max. | |
| D) | 3' Min. | 5' Max. | |
| E) | 4' Min. | 6' Max. | |
| F) | 5' Min. | 7' Max. | |
| G) | 6' Min. | 8' Max. | |
| No Vent Restrictor Installed | | | |

Lengths do not include elbow indicated.
Must use rigid pipe adaptor #770-994.

HORIZONTAL TERMINATIONS THREE (3) 90° ELBOWS (RIGID PIPE 5" X 8")

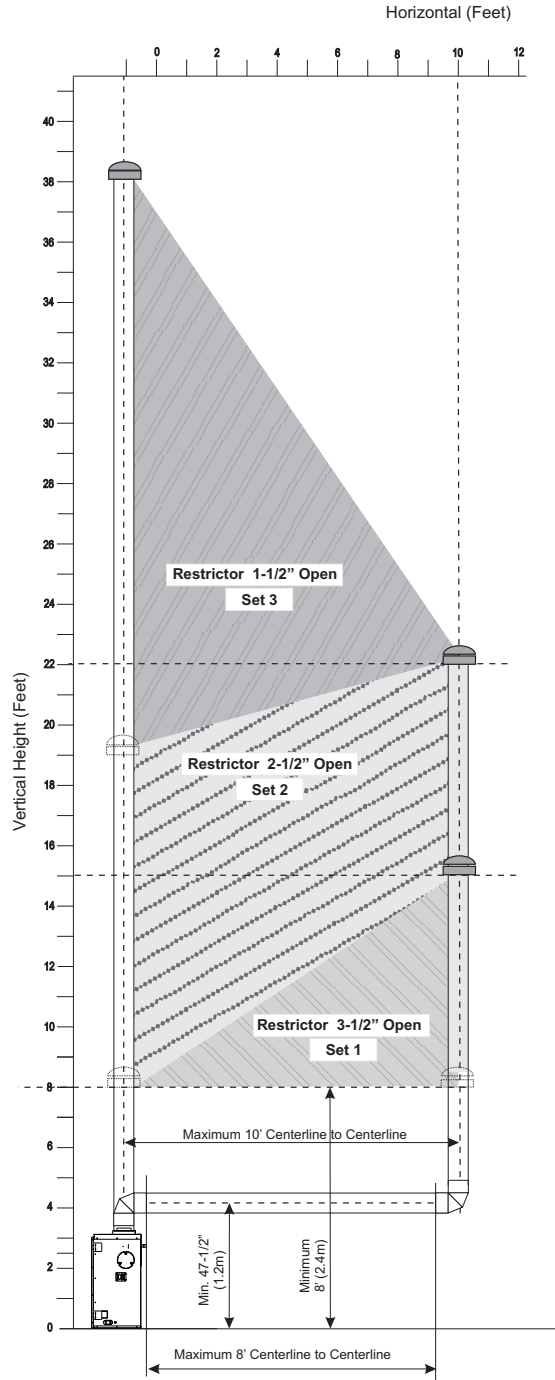


| One 90° elbow = Two 45° elbows. | | | | | |
|---------------------------------|---------|---------|----------|---------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Option | V | H | V + V1 | H + H1 | With these options, max. total pipe length is 30 feet with min. of 12 feet total vertical and max. 9 feet total horizontal. <i>Please note min. 1 foot between 90° elbows is required.</i> |
| A) | 0' Min. | 1' Max. | 1' Min. | 2' Max. | |
| B) | 1' Min. | 2' Max. | 3' Min. | 3' Max. | |
| C) | 2' Min. | 2' Max. | 5' Min. | 4' Max. | |
| D) | 3' Min. | 2' Max. | 7' Min. | 5' Max. | |
| E) | 4' Min. | 3 Max. | 9' Min. | 6' Max. | |
| F) | 5' Min. | 4' Max. | 10' Min. | 7' Max. | |
| G) | 6' Min. | 5' Max. | 11' Min. | 8' Max. | |
| H) | 7' Min. | 6' Max. | 12' Min. | 9' Max. | |
| No Vent Restrictor Installed | | | | | |

Lengths do not include elbow indicated.
Must use rigid pipe adaptor #770-994.

VENTING ARRANGEMENTS FOR VERTICAL TERMINATIONS

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 Venting Systems** for Propane and Natural Gas. Two 45° elbows equal to one 90° elbow. Maximum of four 45° elbows allowed.



- Vent must be supported at offsets.
- Firestops are required at each floor level and whenever passing through a wall.
- Maintain clearances to combustibles as listed in the "Clearances" section.
- Refer to the "Vent Restrictor Position" section for details on how to change the vent restrictor from the factory setting to 3-1/2" opening, 2-1/2" opening and to 1-1/2" opening.

Note: Must use optional flue adapter when using Rigid Pipe (Part # 770-994).

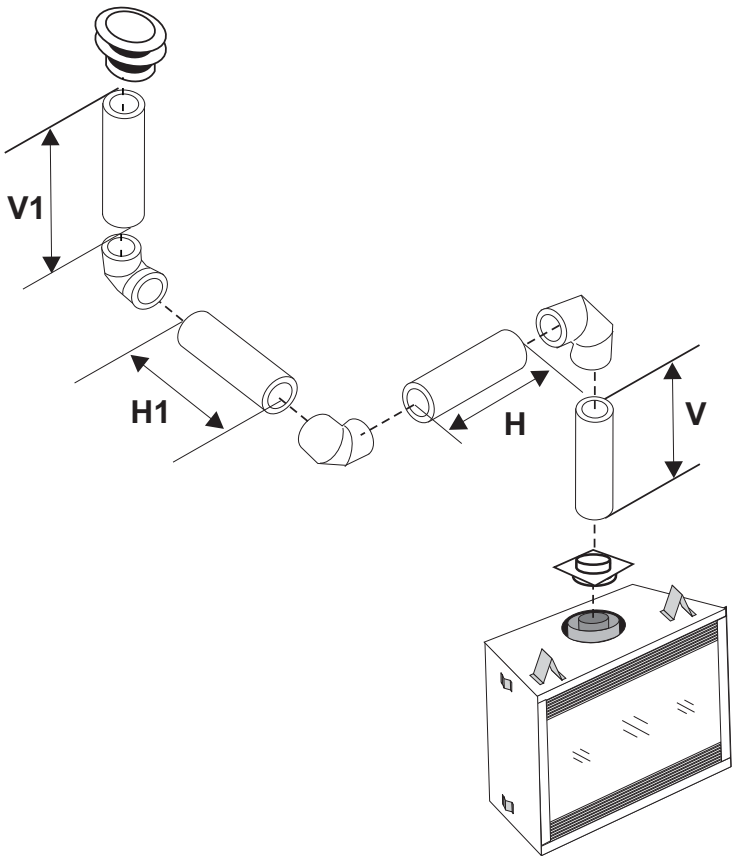
INSTALLATION

VERTICAL TERMINATIONS THREE (3) 90° ELBOWS (RIGID PIPE 5" X 8")

One 90° elbow = Two 45° elbows.

| Option | V | H + H1 | V + V1 | <div>With these options, max. total pipe length is 30 feet with min. of 10 feet total vertical and max. 8 feet total horizontal.</div> <div>Please note min. 1 foot between 90° elbows is required.</div> |
|------------------------------|---------|---------|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A) | 0' Min. | 2' Max. | 2' Min. | |
| B) | 1' Min. | 2' Max. | 3' Min. | |
| C) | 2' Min. | 3' Max. | 4' Min. | |
| D) | 3' Min. | 4' Max. | 6' Min. | |
| E) | 4' Min. | 5' Max. | 7' Min. | |
| F) | 5' Min. | 6' Max. | 8' Min. | |
| G) | 6' Min. | 7' Max. | 9' Min. | |
| H) | 7' Min. | 8' Max. | 10' Min. | |
| No Vent Restrictor Installed | | | | |

Lengths do not include elbow indicated.
Must use rigid pipe adaptor #770-994



UNIT INSTALLATION WITH HORIZONTAL TERMINATION 5" X 8" VENTING (Rigid Vent Systems)

Minimum Vent Clearances to Combustibles

* Clearances noted below must be maintained; except when passing through a wall, ceiling or at the termination where the use of a firestop or wall thimble reduces clearance to 1-1/2" (38mm).

| | |
|-------------------|------------|
| Horizontal Top* | 3" (76mm)* |
| Horizontal Side | 2" (51mm) |
| Horizontal Bottom | 2" (51mm) |
| Vertical Vent | 2" (51mm) |

Below are the recommended framing dimensions (inside measurements) for the 5" x 8" rigid vent terminations - for use with a firestop or wall thimble.

Install the vent system according to the manufacturer's instructions included with the components.

- 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. Rough in the gas preferably on the right side of the unit and the electrical (junction block is on the left side) on the left.
- 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 required.
- 3) In conjunction with the Approved Vent system, install the adaptor after the unit is set in its desired location. Slip the adapter over the existing inner and outer flue collar. Fasten to the outer collar only with the 3 supplied screws (drilling pilot holes will make this easier).
- 4) Level the fireplace and fasten it to the framing using nails or screws through the top and side nailing strips.

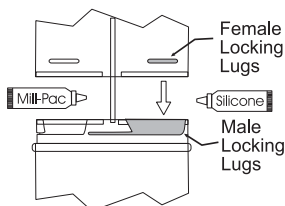


Diagram 1

- 5) Assemble the desired combination of pipe and elbows to the appliance adaptor and twist-lock for a solid connection.

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. Silicone (red RTV) is optional.

Horizontal runs of vent must be supported every 3 feet (0.9meter). Wall straps are available for this purpose.

- 6) Mark the wall for a square hole.-see chart to left for size. The center of the square hole should line up with the center-line of the horizontal pipe. Cut and frame the square hole in the exterior wall where the vent will be terminated. See diagram 2 for center line requirements.

If the wall being penetrated is constructed of non-combustible material, i.e. masonry block or concrete, an 8" (203mm) diameter hole is acceptable.

Note:

- a) The horizontal run of vent must be level, or 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 "Exterior Vent Termination Locations" section for more details.

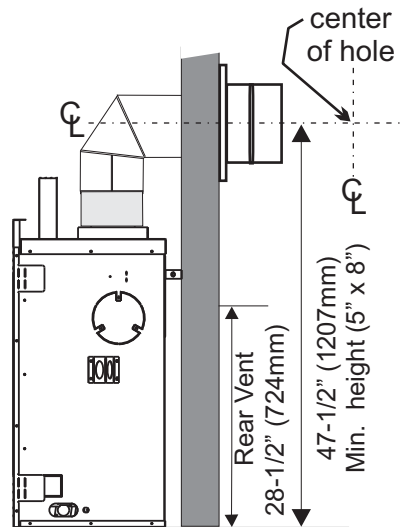


Diagram 2

IMPORTANT
Must use Rear Venting Deflector packaged with unit in rear vent horizontal termination applications.

- 7) Ensure that the pipe clearances to combustible materials are maintained (Diagram 5). Install the termination cap.

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

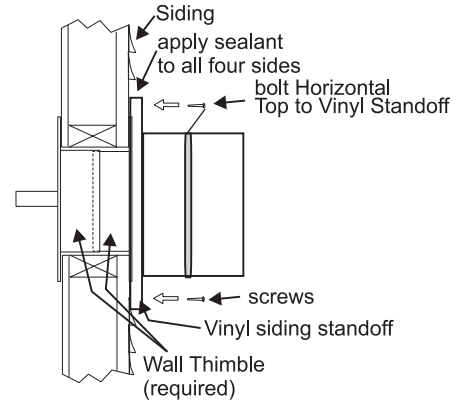


Diagram 5

The four wood screws provided should be replaced with appropriate fasteners for stucco, brick, concrete, or other types of sidings.

- 8) Before connecting the horizontal run of vent pipe to the vent termination, slide the Wall Thimble over the vent pipe. The wall thimble is required for all horizontal terminations.
- 9) 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 sufficient distance so as to result in a minimum pipe overlap of 1-1/4 inches (32mm). Secure the connection between the vent pipe and the vent cap.
- 10) Install wall thimble in the center of the framed hole and attach with wood screws (Diagram 7).

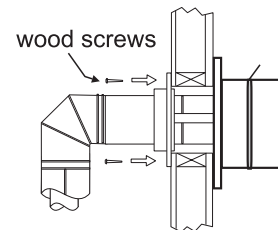


Diagram 7

INSTALLATION

UNIT INSTALLATION WITH HORIZONTAL TERMINATION

5" X 8" VENTING (Flex Vent Systems)

Minimum Vent Clearances to Combustibles

* Clearances noted below must be maintained; except when passing through a wall, ceiling or at the termination where the use of a firestop or wall thimble reduces clearance to 1-1/2" (38mm).

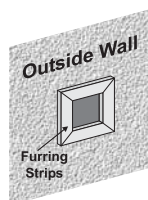
| | |
|-------------------|-----------|
| Horizontal Top | 3" (76mm) |
| Horizontal Side | 2" (51mm) |
| Horizontal Bottom | 2" (51mm) |
| Vertical Vent | 2" (51mm) |

Below are the recommended framing dimensions (inside measurements) for the 5" x 8" rigid vent terminations - for use with a firestop or wall thimble.

| Recommended Framed Opening Size | |
|------------------------------------|--------------|
| Vent Size | Framing Size |
| 5" x 8" | 11" x 11" |

- 1) Locate the unit in the framing, rough in the gas (preferably on the right side of the unit). Locate the centerline of the termination and mark wall accordingly. Cut an square hole in the wall - see chart (inside dimension).

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



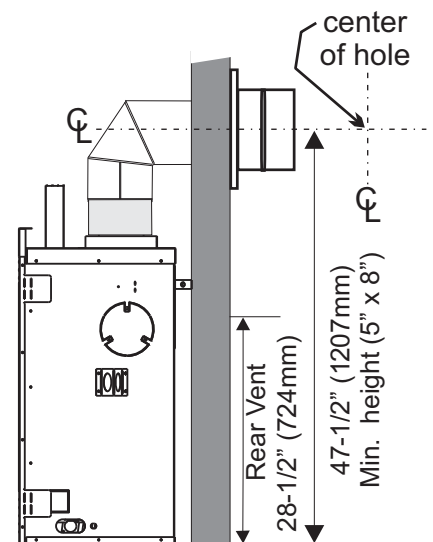
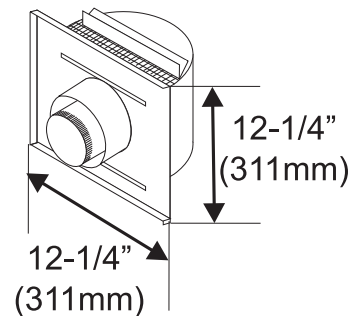
- 2) Level the fireplace and fasten it to the framing using nails or screws through the nailing strips.
- 3) Assemble the vent assembly by applying Mill Pac to the inner flue collar of the termination and slipping the inner flex liner over it at least 1-3/8" (35mm). Fasten with the 3 screws (drilling pilot holes will make this easier). Apply Mill Pac or high temperature silicone to the outer flex pipe and slip it over the outer flue collar of the vent terminal at least 1-3/8" (35mm) and fasten with the 3 screws.

NOTE: Horizontal sections must be supported at intervals not exceeding 3 feet (0.9 meter). (Flame picture and performance will be affected by sags in the liner).

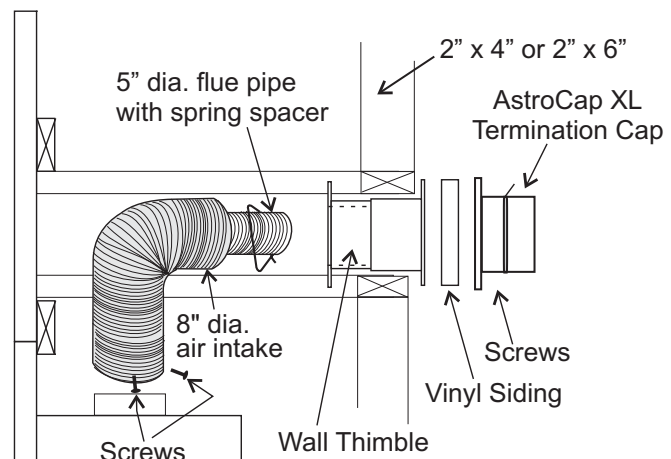
- 4) Separate the 2 halves of the wall thimble and securely fasten the one with the tabs to the outside wall making sure that the tabs are on top and bottom. Fasten the other thimble half to the inside wall. The thimble halves slip inside each other and can be adjusted for 2 x 4 or 2 x 6 walls.
- 5) Slip the assembled liner and termination assembly through the thimble making sure the termination cap faces up (there are markings on the cap that show which way is up). This will position the termination cap with proper down slope for draining water. Fasten the cap to the outer wall with the 4 supplied screws.
- 6) Pull the centre inner and outer flex liner out enough to slip over the flue collars of the fireplace. (You may wish to cut the liner shorter to make it more workable.) Do not bend liner more than 90°. **The liners must slip over the collars a minimum of 1-3/8".**
- 7) Apply Mill Pac over the fireplace inner flue collar and slip the inner flex liner down over it and attach with 3 supplied screws.
- 8) Do the same with the outer flue collar and outer flex liner.
- 9) Apply a bead of silicone between the thimble and termination and around the outer edge of the terminal at the wall in order to keep the water out.

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.

ASTROCAP XL DIMENSIONS (946-623/P)



IMPORTANT
Must use Rear Venting Deflector packaged with unit in rear vent horizontal termination applications.



UNIT INSTALLATION WITH VERTICAL TERMINATION 5" X 8" VENTING (Rigid Vent Systems)

**MUST USE RIGID PIPE
ADAPTOR #770-994**

* Clearances noted below must be maintained; except when passing through a wall, ceiling or at the termination where the use of a firestop or wall thimble reduces clearance to 1-1/2" (38mm).

- 1) Maintain the 2" 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 "Venting" Sections for the maximum vertical rise of the venting system and the maximum horizontal offset limitations.

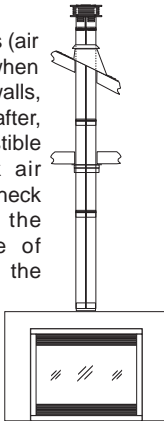


Diagram 1

- 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 this point. Next, drop a plumb bob from the roof to the hole previously drilled in the ceiling, and mark the spot where the vent will penetrate the roof.

- 3) A Firestop spacer must be installed in the floor or ceiling of every level. To install the Firestop spacer in a flat ceiling or wall, cut a 11 inch square hole. Frame the hole as shown in Diagram 2 and install the firestop.

Note: All vertical terminations are vented using 5" x 8" venting and rigid pipe adaptor #770-994.

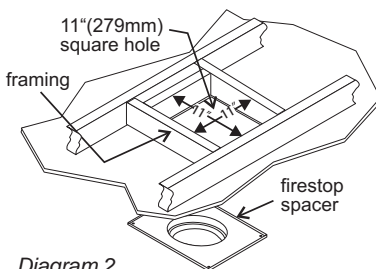
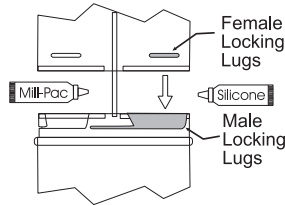


Diagram 2

- 4) Assemble the desired lengths of pipe and elbows. Ensure that all pipes and elbow connections are in the fully twist-locked position and sealed.



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

- 5) Cut a hole in the roof centered 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 2". Slip the flashing under the shingles (shingles should overlap half the flashing) as per Diagram 3.

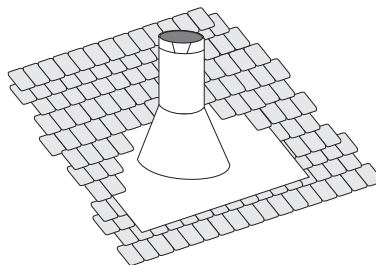


Diagram 3: The upper half of the flashing is installed under the roofing material and not nailed down until the chimney is installed. This allows for small adjustments.

- 6) Continue to assemble pipe lengths.

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

Galvanized pipe 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 Dia. 4 or local codes. Note that for steep roof pitches, the vertical height must be increased. A poor draft, or down drafting can result from high wind conditions near big trees or adjoining roof lines, in these cases, increasing the vent height may solve the problem.

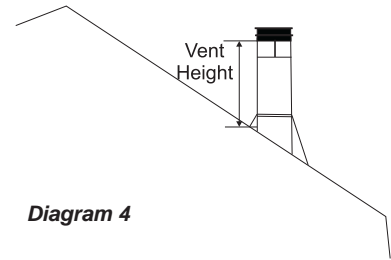


Diagram 4

| Roof Pitch | Minimum Vent Height | |
|---------------------|---------------------|--------|
| | Feet | Meters |
| flat to 7/12 | 2 | 0.61 |
| over 7/12 to 8/12 | 2 | 0.61 |
| over 8/12 to 9/12 | 2 | 0.61 |
| over 9/12 to 10/12 | 2.5 | 0.76 |
| over 10/12 to 11/12 | 3.25 | 0.99 |
| over 11/12 to 12/12 | 4 | 1.22 |
| over 12/12 to 14/12 | 5 | 1.52 |
| over 14/12 to 16/12 | 6 | 1.83 |
| over 16/12 to 18/12 | 7 | 2.13 |
| over 18/12 to 20/12 | 7.5 | 2.29 |
| over 20/12 to 21/12 | 8 | 2.44 |

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

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

Note: Any closets or storage spaces, which the vent passes through must be enclosed.

GAS LINE INSTALLATION

The gas line is brought through the right side of the appliance. The gas valve is situated on the right hand side of the unit and the gas inlet is on the right hand side of the valve.

The gas line connection may be made of rigid pipe, copper pipe or an approved flex connector. (If you are using rigid pipe, ensure that the valve can be removed for servicing.) Since some municipalities have additional local codes it is always best to consult with your local authorities and the CAN/CGA B149 installation code.

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 servicing. Flare nuts for copper lines and flex connectors are usually considered to meet this requirement.

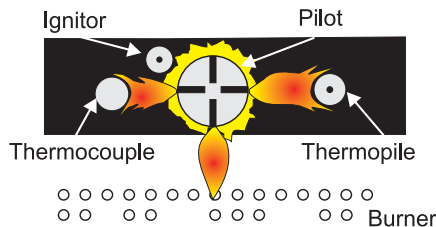
Important: Always check for gas leaks with a soap and water solution or gas leak detector. Do not use open flame for leak testing.

INSTALLATION

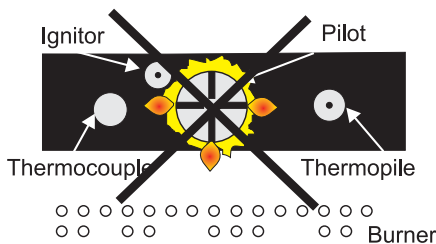
PILOT ADJUSTMENT

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

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



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



HIGH ELEVATION

This unit is approved in Canada for altitude to 4500 ft. (CAN/CGA-2.17-M91). For Natural Gas installations above 4500 ft. follow current CAN/CGA-B149.1.

B41XT -NG System Data

| | |
|----------------------------------------|--------------------|
| Conversion Kit # | |
| For 0 to 4500 feet altitude | |
| Burner Inlet Orifice Sizes: #30 | |
| Max. Input Rating | 42,500 Btu/h |
| Min. Input Rating | 30,000 Btu/h |
| Supply Pressure | min. 5.0" w.c. |
| Manifold Pressure (High) | 3.5" +/- 0.2" w.c. |
| Manifold Pressure (Low) | 1.6" +/- 0.2" w.c. |

B41XT - LP System Data

| | |
|----------------------------------------|--------------------|
| For 0 to 4500 feet altitude | |
| Burner Inlet Orifice Sizes: #49 | |
| Max. Input Rating | 37,500 Btu/h |
| Min. Input Rating | 29,500 Btu/h |
| Supply Pressure | min. 11.0" w.c. |
| Manifold Pressure (High) | 10" +/- 0.2" w.c. |
| Manifold Pressure (Low) | 6.4" +/- 0.2" w.c. |

GAS PIPE PRESSURE TESTING

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

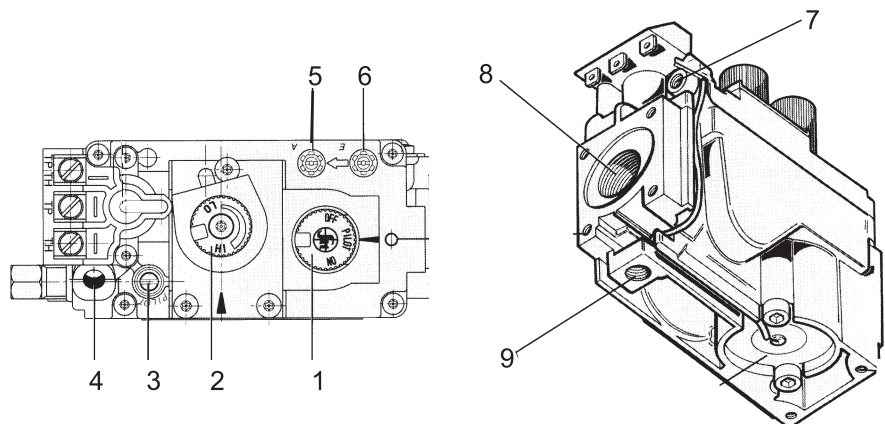
The manifold pressure is controlled by a regulator built into the gas control, and should be checked at the pressure test point.

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

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

S.I.T. VALVE DESCRIPTION

- 1) Gas on/off knob
- 2) Manual high/low adjustment
- 3) Pilot Adjustment
- 4) Thermocouple Connection - option
- 5) Outlet Pressure Tap
- 6) Inlet Pressure Tap
- 7) Pilot Outlet
- 8) Main Gas Outlet
- 9) Alternative TC Connection Point



BRICK PANEL INSTALLATION

Must install one of the following: Brick Panels, Stainless Steel or Black Enamel Panels.

**Dangerous operating conditions may occur if the panels are not installed or if installed with broken panels.
Handle with care. DO NOT FORCE INTO POSITION.**

- 1) Unwrap the Brick Panels from the protective wrapping.



- 2) Ensure that the logs are not in the unit.

- 3) Prior to installation of the brick panels, remove the top panel bracket currently fitted into the baffle opening on the inside top of the firebox. See diagram below.



Top Panel Bracket

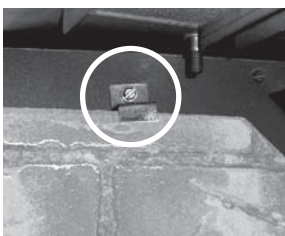
- 4) Install the back brick panel first - use caution when clearing the burner assembly and rear log tray so that the panel does not get damaged.

Note: Ensure that the back panel is centered.



Back Panel Installed

- 5) Install either the left or right side brick panel by removing the screw and brick clip on the upper side of the firebox wall (left side shown). Position the left brick panel in place and secure with the brick panel clip and screw removed from the firebox as shown below.



- 6) Slide the top brick panel under the left or right side panel (which ever is installed first - right side panel shown here) and back brick panel, use care not to damage panel.



- 7) Install the remaining side panel (left or right), following the same instructions as step 5.

- 8) Carefully position and fit the top bracket in place by ensuring the tabs of the bracket fit into the baffle openings as shown in the diagram 1 below. Push downwards to secure the bracket to the top panel.



INSTALLATION

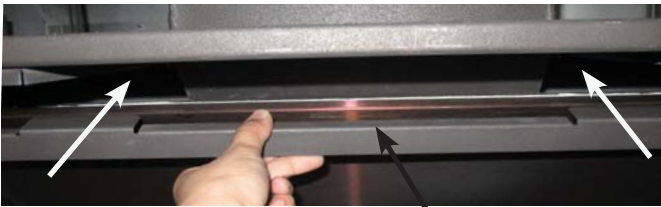
OPTIONAL STAINLESS STEEL / BLACK ENAMEL PANEL INSTALLATION

| Before installation, panels must be handled and cleaned as per instructions noted below: | |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Stainless Steel Panels | Black Enamel Panels |
| <ul style="list-style-type: none">Stainless panels must be inspected for scratches and dimples prior to installation. All claims to be recorded at this time. Claims for damage after installation will not receive consideration. | <ul style="list-style-type: none">Black Enamel panels must be inspected for scratches and dimples prior to installation. All claims to be recorded at this time. Claims for damage after installation will not receive consideration. |
| <ul style="list-style-type: none">To protect the finish during installation and handling - cotton gloves MUST be worn at all times while handling the panels (even when removing protective coating). | |
| <ul style="list-style-type: none">Stainless panels will discolor a little during normal operation. This is normal and should not be considered a defect. | <ul style="list-style-type: none">Black Enamel panels will discolor a little during normal operation. This is normal and should not be considered a defect. |
| <ul style="list-style-type: none">* All hand and finger marks MUST be cleaned off with a soft cloth and a stainless steel cleaner. Most stainless steel cleaners leave a film/ residue on the surface of the panels. Use an ammonia based cleaner (ie. glass cleaner) to remove this film 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. | <ul style="list-style-type: none">* All hand and finger marks 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. |

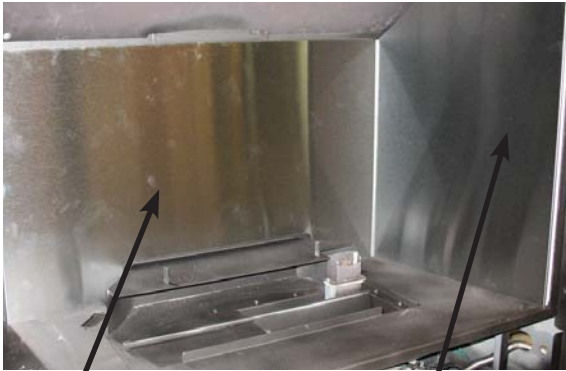
Note: Panels must be installed prior to the installation of the log set and vermiculite.



- 1) Prior to installation of the reflective panels, remove the top panel bracket currently fitted into the baffle opening on the inside top of the firebox. See diagram below.
- 2) Install the back stainless panel first - be careful not to scratch the panel on the burner or log tray when installing. Ensure the back panel is centered when installed.
- 3) Install the right side panel - secure with panel clip and 1 screw. See step 3.



Top Panel Bracket

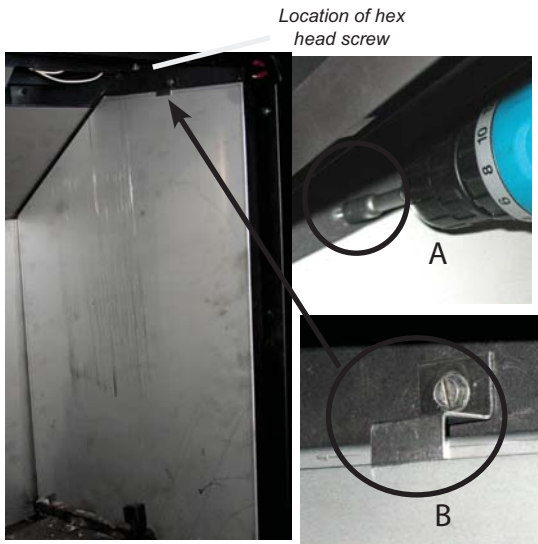


Back Panel

Right Side Panel

INSTALLATION

- 4) Remove 1 screw (see inset A), position right side panel in firebox - position panel clip in place and secure with 1 screw (see inset B). Tighten the screw.



- 7) Carefully position and fit the top bracket in place by ensuring the tabs of the bracket fit into the baffle openings as shown below. Push downwards to secure the bracket to the top panel.



Top panel bracket shown installed with Stainless Steel Panels



- 5) Slide top panel under the top of the back and right side panels as shown below.



- 6) Install left side panel - repeat step 4.

INSTALLATION

LOG SET INSTALLATION

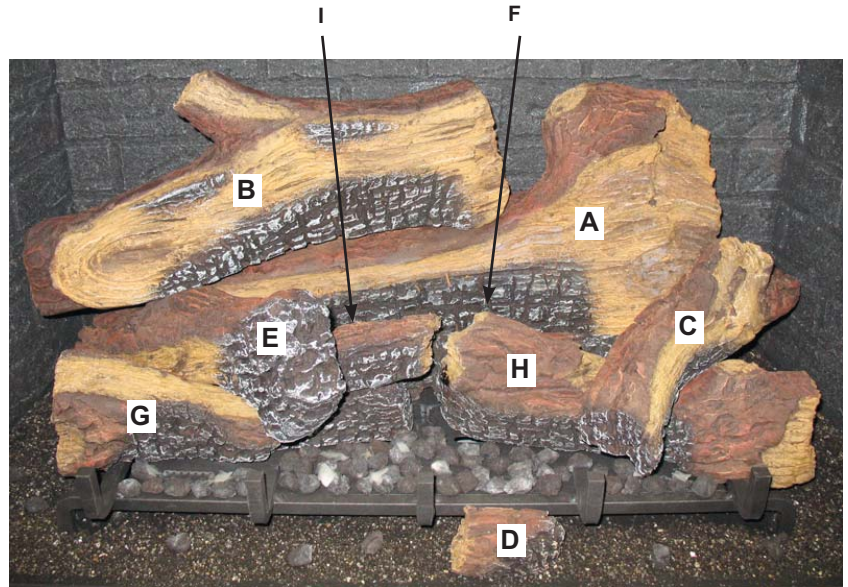
Installation of Brick or Stainless Steel / Black Enamel Panels must be completed before installing the log set.

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

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

Log Kit# 506-930 contains the following pieces:

| | |
|---------|------------------------------------------------|
| A | Rear Bottom Right Log |
| B | Rear Top Left Log |
| C | Right Top Cross Log |
| D | Front Log Piece |
| E | Left Top Cross Log |
| F | Center Right Log |
| G | Front Bottom Left Log |
| H | Front Bottom Right Log |
| I | Center Left Log |
| 902-156 | Lava Rocks |
| 902-179 | Vermiculite |
| 946-669 | Platinum Embers (supplied w/package manual) |

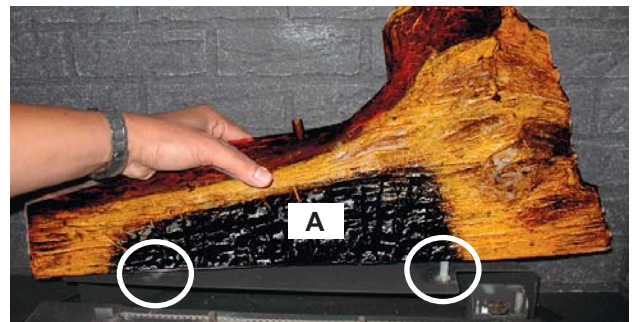


1) Carefully remove the logs from the packaging and unwrap them. The logs are fragile, handle with care - **do not force into position**.

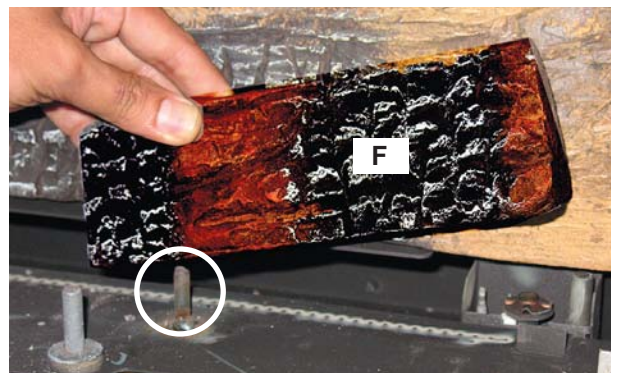
2) Spread vermiculite along the base of the firebox.



3) Place Log A on the rear log support pins with the flat side to the back.



4) Place Log F on the right side of the burner, directly in front of Log A. Position Log F so it fits into the pin on the burner as shown below.

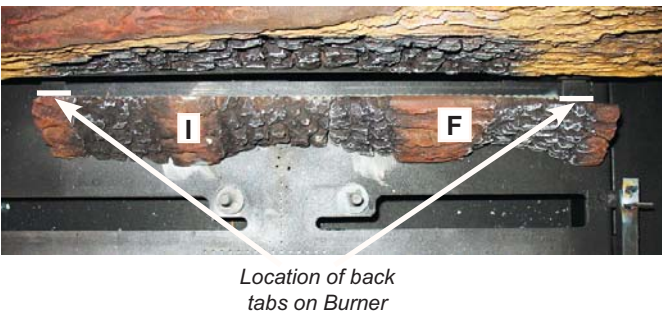


INSTALLATION

- 5) Place Log I on the left side of the burner, directly in front of Log A. Position Log I so it fits into the pin on the burner as shown below.



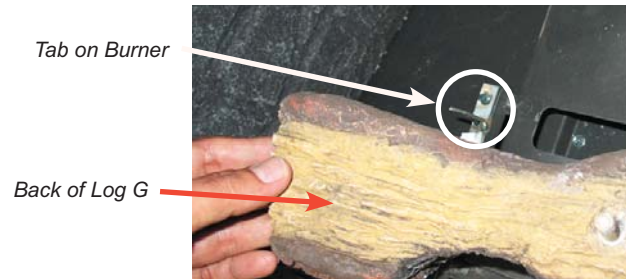
- 6) When Log F and I are in position - make sure they are positioned all the way back and touch the tabs on the burner as shown below.



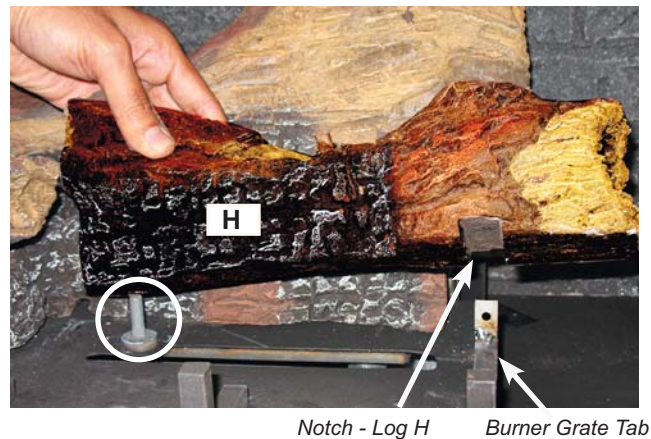
- 7) Place Log G on the left front side of the burner in front of log I. Position Log G so it fits into the pin on the burner as shown below.



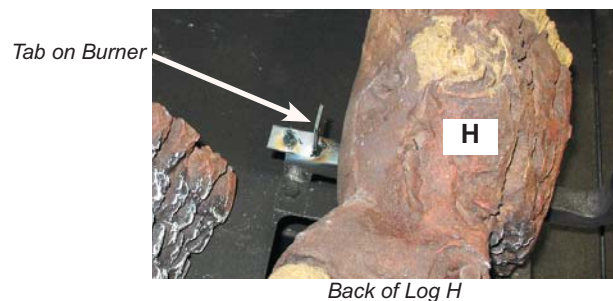
- 8) Slide the left side of Log G back until it touches the tab on the burner shown below.



- 9) Place Log H on the right front side of the burner in front of log F. Position Log G so it fits into the pin on the burner as shown below. There is a notch on the bottom of log H - position the log so the notch fits over the 5th burner grate tab as shown below.

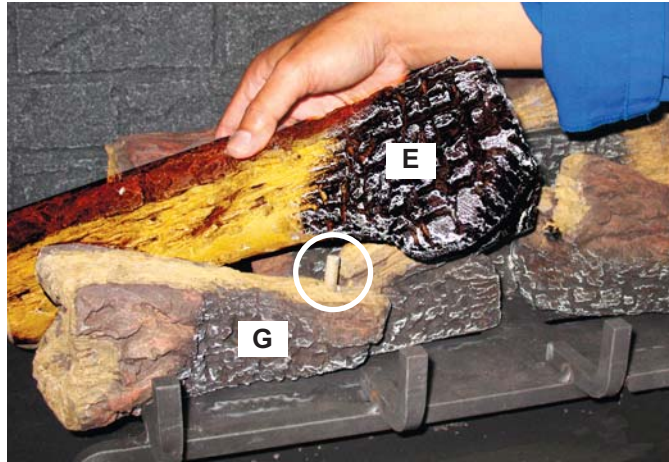


- 10) Slide the right side of Log H back until it touches the tab on the burner shown below.

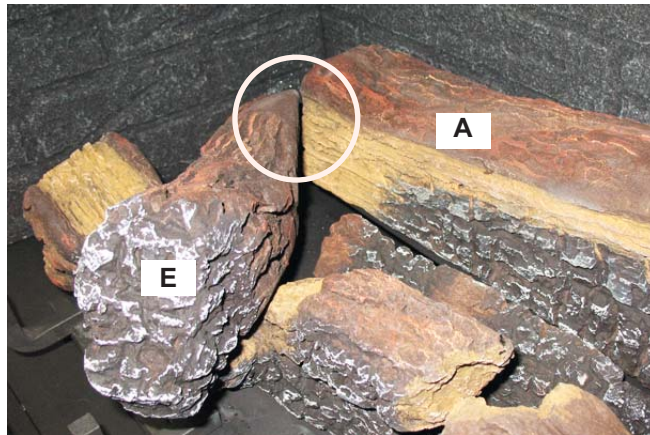


INSTALLATION

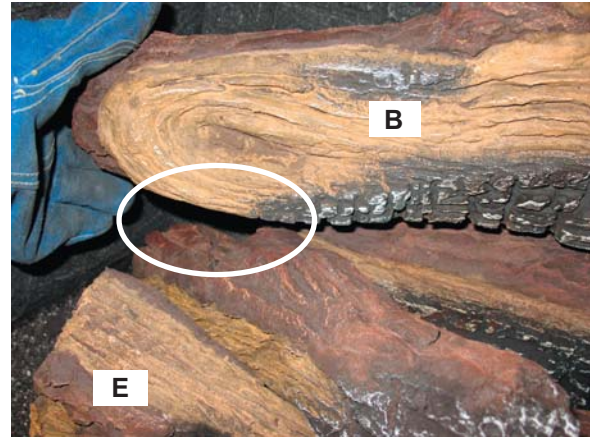
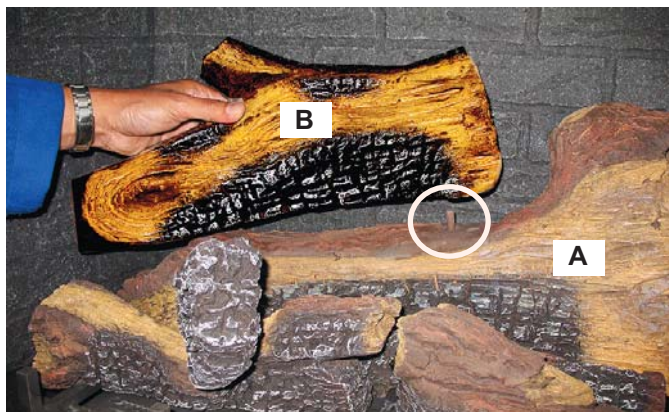
- 11) Position Log E on top of Log G - fit Log E into the pin on Log G as shown below.



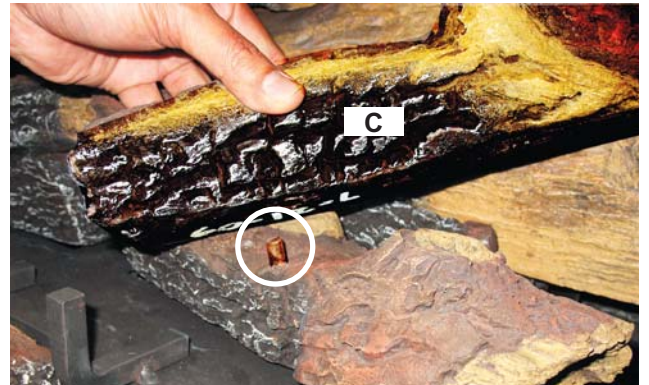
- 12) With Log E in position on Log G - ensure that Log E touches the back corner of Log A as shown below.



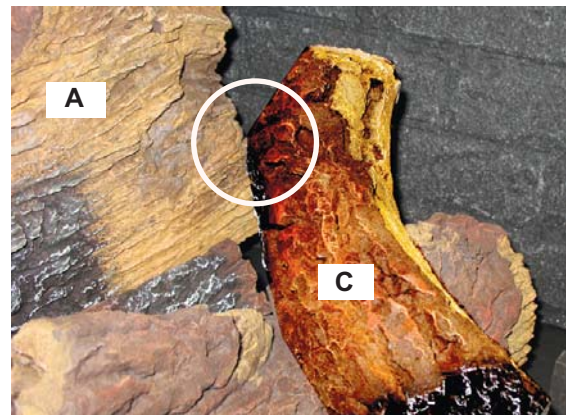
- 13) Position Log B on top of Log A. Log B fits into the pin in Log A. Ensure Log B sits upright 90 degrees with the left side of the log resting on the notch in Log E. See next 2 diagrams.



- 14) Position Log C on top of Log H. Log C fits into the pin in Log H. as shown below.



- 15) With Log C in position on Log H - assure that Log C contacts the back corner of Log A as shown below.



- 16) Place the lava rocks on the burner in front of the logs as shown below. Be careful not to overlap the lava rock and ensure the burner ports are left exposed in front of Logs E and H as shown below.



IMPORTANT:
Do not cover burner ports with lava rocks as this will change the flame pattern.

Note: Extra lava rocks can be placed on the vermiculite on the floor of the firebox - see below.



Extra Lava Rocks

- 17) Separate platinum embers and place on the front burner on and around the lava rocks. Avoid stacking platinum embers. Platinum embers may be placed over burner ports.



Platinum Embers

- 18) Place Log D on the base of the firebox in between burner grate posts 3 and 4.



Burner Grate Post 3

Burner Grate Post 4

- 19) Test fire to ensure proper lighting (make sure flame flows smoothly from one end of the burner to the other).

If there is any flame hesitation, check that area for any blockage of the burner ports.

INSTALLATION

Optional WALL THERMOSTAT

A wall thermostat may be installed if desired, connect the wires as per the wiring diagram. Use table below to determine the maximum wire length.

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

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

CAUTION
Do not wire millivolt wall thermostat wires to 120V wire.

Thermostat Wire Table

| Recommended Maximum Lead Length (Two-Wire) When Using Wall Thermostat (CP-2 System) | |
|-------------------------------------------------------------------------------------------|-------------|
| Wire Size | Max. Length |
| 14 GA. | 50 Ft. |
| 16 GA. | 32 Ft. |
| 18 GA. | 20 Ft. |
| 20 GA. | 12 Ft. |
| 22 GA. | 9 Ft. |

Optional REMOTE CONTROL

Use the Regency® Remote Control Kit approved for this unit. Use of other systems may void your warranty.

The remote control kit comes with a hand held transmitter, a receiver and a wall mounting plate.

1) Choose a convenient location on the wall to install the receiver and the receptacle box (protection from extreme heat is very important). Run wires from the fireplace to that location. Use Thermostat Wire Table.

2) Connect the two wires to the gas valve. See wiring diagram,

CAUTION
Do not wire millivolt remote control wires to 120V wire.

3) Install 3 AAA alkaline batteries in transmitter and 4 AA alkaline batteries in the receiver. Install the receiver and its cover in the wall. Switch the remote receiver to "remote" mode. The remote control is now ready for operation.

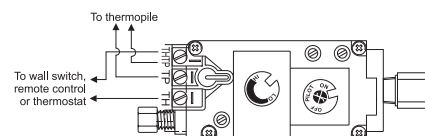
Optional WALL SWITCH

1) Run the supplied 10' of wire through the right or left side gas inlet opening. Be careful not to damage wire.

Note: We recommend a maximum of 10' of wire but if you wish to go with a longer run, use the Thermostat Wire Table.

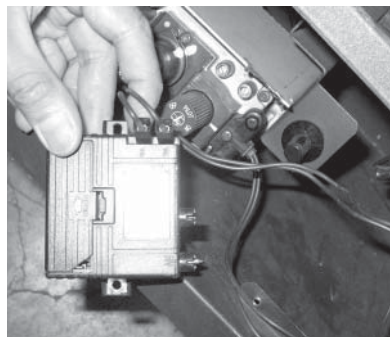
2) Connect the wire to a wall switch and install into the receptacle box. Also attach wires to the valve as shown below.

CAUTION
Do not wire millivolt wall switch wire to 120V wire.



DC SPARKER BATTERY INSTALLATION

- 1) The DC Sparker requires 1 AA battery to operate. **Note:** Pilot cannot be lit without battery in place.
- 2) Remove the battery cover from the DC Sparker.
- 3) Insert 1 AA battery, as illustrated below. Replace the battery cover.



OPTIONAL FAN INSTALLATION

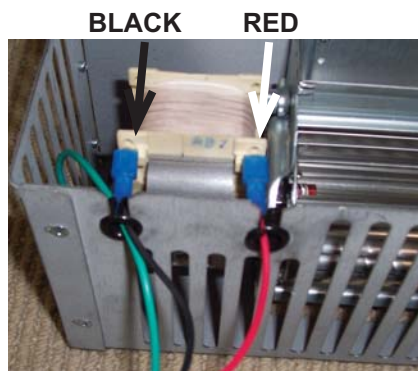
Important: 120 Volt AC power is needed for the fan switch and blower. The receptacle box will be installed on the left hand side of the unit and must be wired by a qualified electrician prior to fan assembly being installed. The neutral(wider) slot of the polarized receptacle should be at the top.

Ground terminal must not be removed.
Unit must be grounded at all times.

- 1) Turn the power off, unplug accent lights if installed.
- 2) Remove bottom access panel or louver, if necessary. Remove the standard flush door.
- 3) Remove fan assembly from box, locate green ground wire and pull out of fan assembly - taking care not to damage or cut wire casing.



- 4) Connect the **Black** wire to the left side terminal of the fan motor. Slide the black wire and the green ground wire into grommet and push grommet into the fan assembly housing.
- 5) Connect the **Red** wire onto the right side terminal of the fan motor. Connect the red wire into the grommet and push grommet into the fan assembly housing.



- 6) Position the fan base with the motor end towards the rear of the firebox and then slide the fan in towards the rear of the unit. Turn the fan housing slightly to the left and make the fan assembly parallel to the rear wall.



- 7) Lift the fan housing upwards and slip it over the two mounting studs. (use of dish soap will help the rubber grommets slide down over the pins)

NOTE: If optional accent lights are installed, take care when sliding the fan into position. Fan must be maneuvered around the right side of the light.

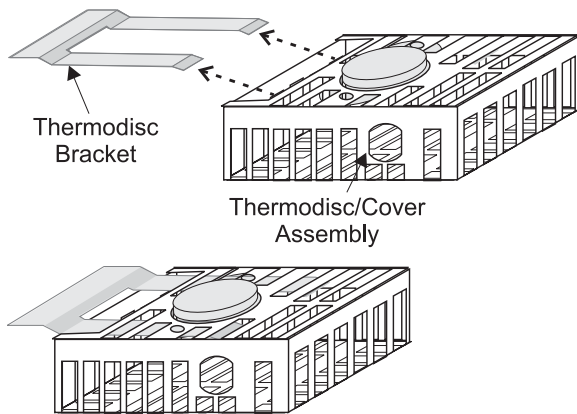


- 8) Connect and secure fan ground cable to ground lug.



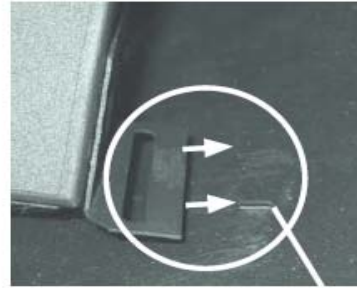
INSTALLATION

- 9) Slide the thermodisc/cover assembly onto the bracket clip on the left underside of the firebox. Ensure that no wires will touch hot surfaces.



*Ensure that there is no interference with the wires when the louver is closed and that no wire will touch the hot metal surfaces or sharp edges.

- 10) Slide the the Fan control box under the clip on the floor of the firebox.



Slightly open clip with flat head screw driver if necessary. Caution: If clip is opened too wide it will not hold the Fanspeed Control Box.



- 11) To provide the maximum clearance from the louvers, plug the fan power cord into the rear end of the receptacle box



- 12) **Important:** Secure the fan wires and power cord by attaching one of the adhesive backed wire holder clips (Part #910-199) onto the unit base.

TO REMOVE THE FAN

- 1) Turn the power off.
- 2) Reverse the above instructions.

Maintenance: The sealed bearings are lubricated, there is no need to lubricate them further. (Extra lubricant will cause more lint and dust buildup - causing the bearings to prematurely fail). Regular cleaning and vacuuming of the fan area will add to the life of the motor.

IMPORTANT:

These fans collect a lot of dust from within your home. Ensure you maintain these fan motors on a regular basis by vacuuming the fan blades and housing using a soft brush nozzle.

AERATION ADJUSTMENT

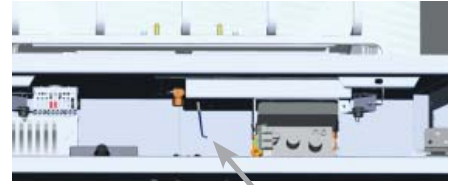
The burner aeration is factory set but may need adjusting due to either the local gas supply or altitude. Open the air shutter for a blue flame or close for a more yellow flame.

CAUTION: Carbon will be produced if air shutter is tightly closed.

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

Minimum Air Shutter Opening:

| | |
|----|------|
| NG | 1/4" |
| LP | 1/2" |



Air shutter rod: located to the left of the valve assembly.

WIRING DIAGRAM

Caution: Ensure that the wires do not touch any hot surfaces and are away from sharp edges.

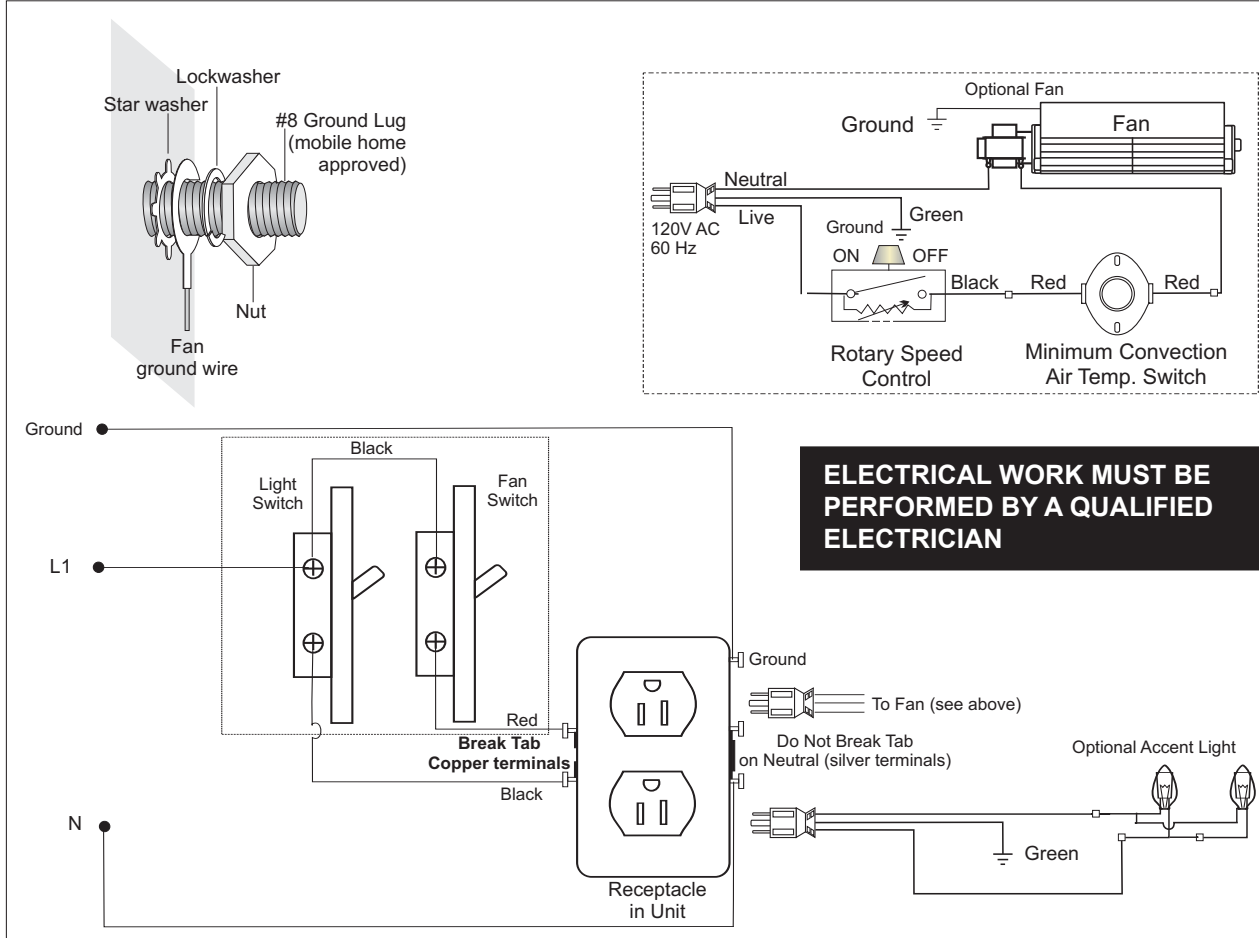
CAUTION: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.

This heater does not require a 120V A.C. supply for operation. In case of a power failure, the burner switch and the optional remote control/thermostat will continue to operate. However, a 120V A.C. power supply is needed for the fan/blower operation, Proflame GTMF, and light options.

(Do not cut the ground terminal off under any circumstances.)

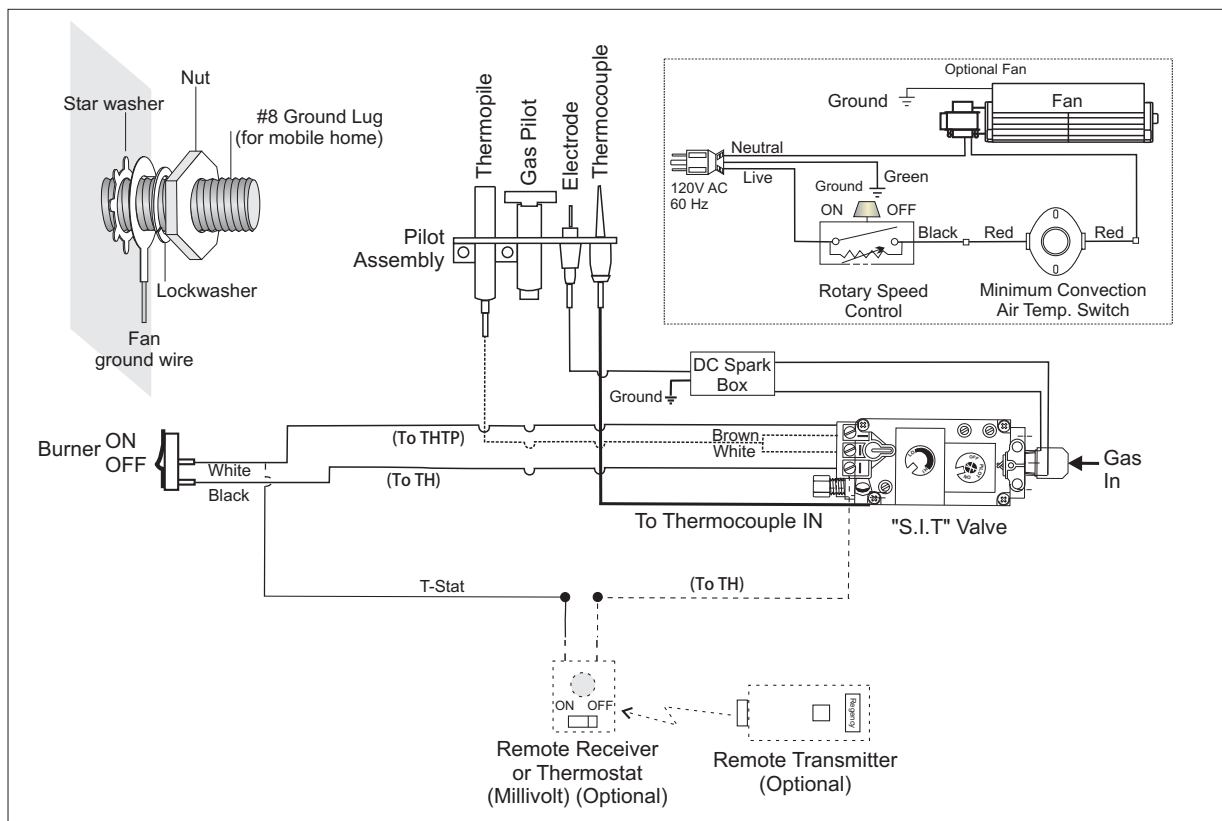
NOTE: Even if the fan, GTMF system or light options are not purchased with the unit, it is still a good idea to bring power to the receptacle box (provided with the unit) in case the optional fan or light is installed at a later date.

LINE VOLTAGE WIRING TO RECEPTACLE IN UNIT TO MAKE OUTLETS INDEPENDENT OF EACH OTHER

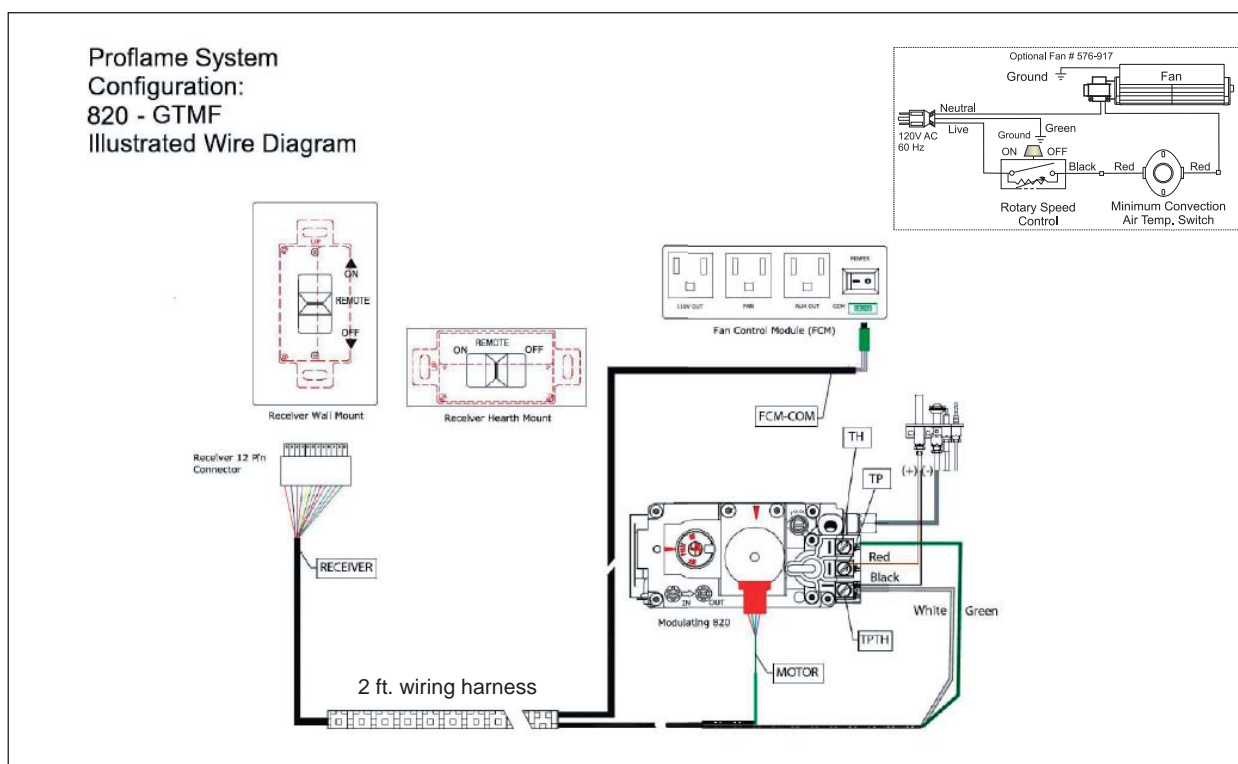


INSTALLATION

WIRING DIAGRAM FOR NG AND LP UNITS



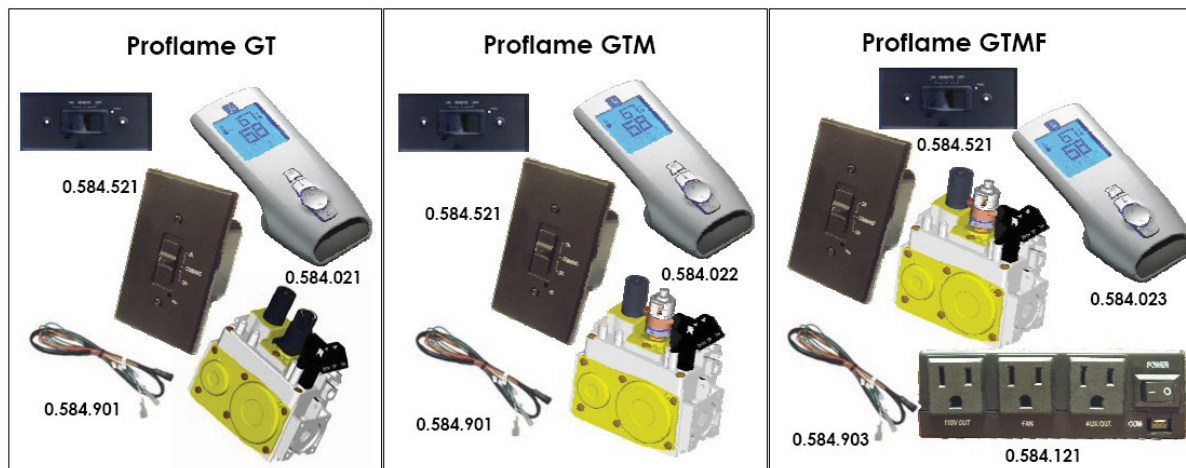
WIRING DIAGRAM FOR GTMF REMOTE



584 Proflame GT Series Feature Sheet

| Feature | Icon | Proflame GT | Proflame GTM | Proflame GTMF |
|---------------------------------------------------|------|-------------|----------------|----------------|
| Room Temperature Display | | X | X | X |
| Child Lock | | X | X | X |
| Low Battery | | X | X | X |
| On/Off Thermostat | | X | X | X |
| Flame On/Off Only | | X | | |
| Flame ON/Off & Modulation (6 Levels) ¹ | | | X ¹ | X ¹ |
| Smart Thermostat | | | X | X |
| Fan Speed Control (6 Levels) | | | | X |
| On/Off Auxillary Outlet (110V) | | | | X |
| Constant (110V) Outlet | | | | X |

(X) Indicates Included Feature



Note 1 ~ Proflame Flame Modulator for GTM & GTMF Remote Controls are sold separately. Choice of NG or LP flame modulator (to match unit fuel type). See Regency Retail Price pages for complete details

Note: Regency Proflame systems include a white and black wall cover & switch.

INSTALLATION

OPTIONAL ACCENT LIGHT INSTALLATION

| B41XT Accent Light Assembly Kit | | |
|---------------------------------|----------------|------------------------|
| 1 | 910-814 | Plug wiring + gasket |
| 2 | 910-997 | Halogen Bulb |
| 2 | 940-363 | Amber Glass |
| 1 | Light Assembly | Includes gaskets (x 2) |
| 1 | 918-864 | Instruction Sheet |

Important: 120 Volt AC power is required for the optional light. The receptacle box will be installed on the lower left corner of the unit and will need to be wired by a qualified electrician prior to the optional light installation. The neutral (wider) slot of the polarized receptacle should be at the top. A wall mounted switch should be installed to turn the accent lighting on/off. See wiring diagram in the instruction manual.

- 1) Shut off electrical supply.
- 2) Remove Full Screen Door and bottom Louver if installed.
- 3) Remove the glass door - see instructions in manual.
- 4) Remove the logs, lava rock and vermiculite if installed.
- 5) Remove the brick or inner panels if installed - see instructions in manual.
- 6) Remove the burner and rear log tray - see below.



Diagram 1: Remove the left and right screws.

- 7) Slide the burner assembly to the right to release it from the orifice, then lift it out.



Diagram 2: Slide burner assembly to the right and then remove.

- 8) Remove the 2 screws securing the rear log tray and lift out. Diagram 3

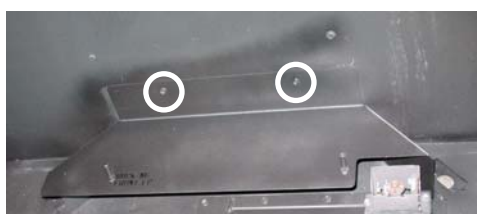


Diagram 3

- 9) Remove the 2 screws securing the base tray - lift base tray up and out. Diagram 4a and 4b.



Diagram 4a



Diagram 4b

Base Tray

- 10) Remove the 2 cover plates from the floor of the firebox by removing 2 screws from each plate.

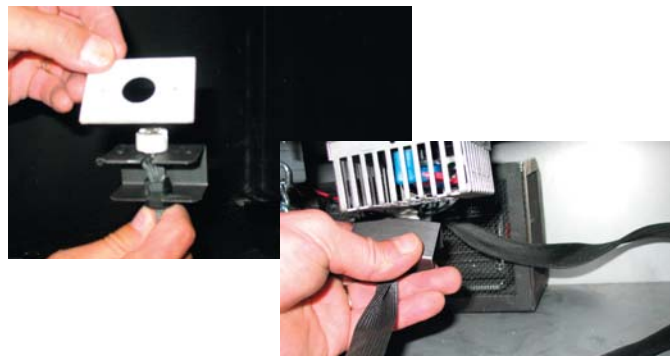


- 11) Remove the cover plate and gasket from the underside of the floor of the firebox.

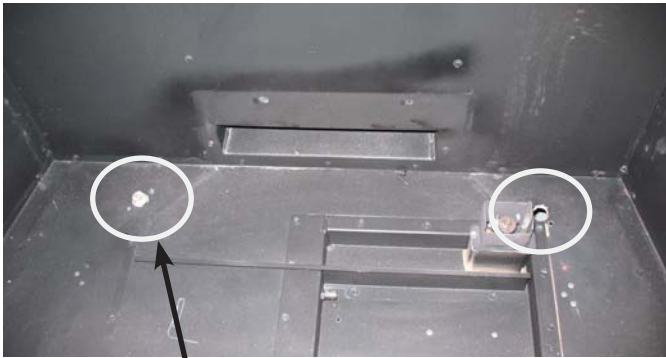


Firebox Base

- 12) Install gaskets onto light assembly mounting plates and feed wires thru the underside of the firebox base. Left side shown, repeat for right side.



- 13) Install each light assembly from the underside of the floor of the firebox. Secure with 2 screws as shown below.



NOTE: The ground wire will need to be pulled back out of the protective casing to be able to reach the ground lug. Gently pull the end of the green wire backwards exposing enough wire to reach ground lug.

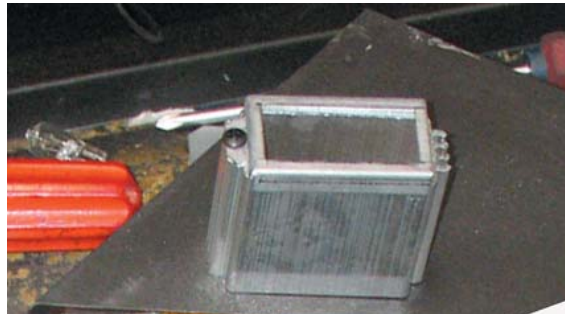


- 14) Install a bulb into each light assembly.

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



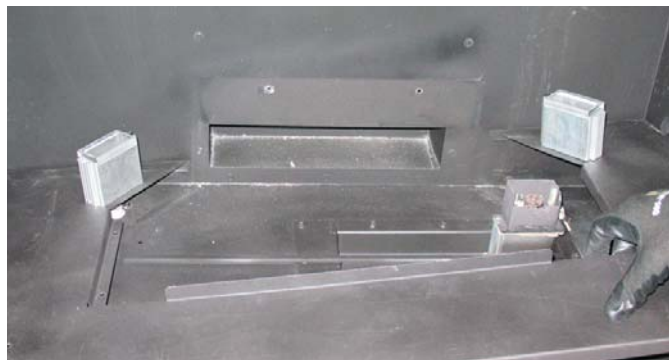
- 15) Install two light diffusers on to the base tray.



- 16) Secure diffusers onto base tray from the backside of the tray with 2 screws.



- 17) Reinstall base tray with light diffusers - use caution when installing do not damage the bulb.



- 18) Install amber glass on to light diffusers.

Note: Glass is longer than diffuser for ease of removal.



- 19) Reverse steps 9 - 1.

INSTALLATION

FLUSH GLASS DOOR INSTALLATION

The standard flush door comes with a black frame. To install the frame, simply hook the top door flange onto the top of the unit and swing the door towards the unit, see Diagram 1.

Be careful that the glass gasket does not roll up; there must be a gap between the gasket and the door lip to ensure that the door sits securely on the unit, see Diagram 2.

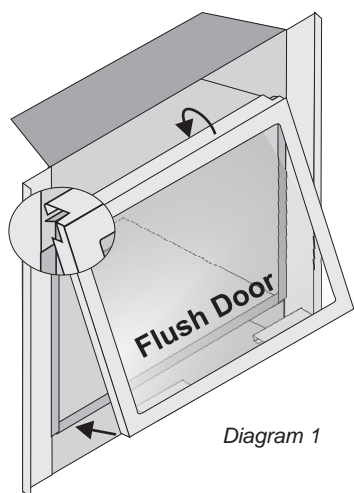


Diagram 1

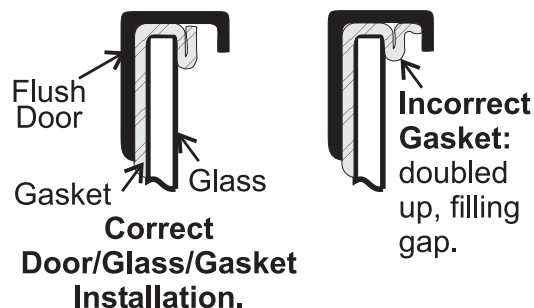


Diagram 2

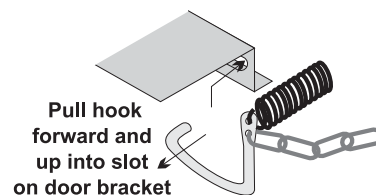
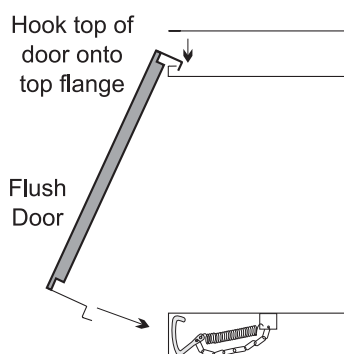


Diagram 3

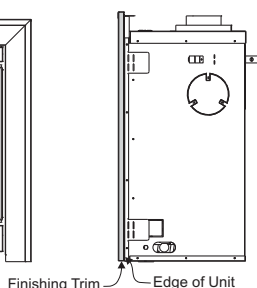
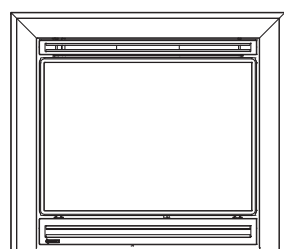
Use the hook to pull the spring out until you can put the hook into the slot on the bottom door bracket. Repeat for 2nd spring. See Diagram 3.

To remove the flush door, reverse the above steps.

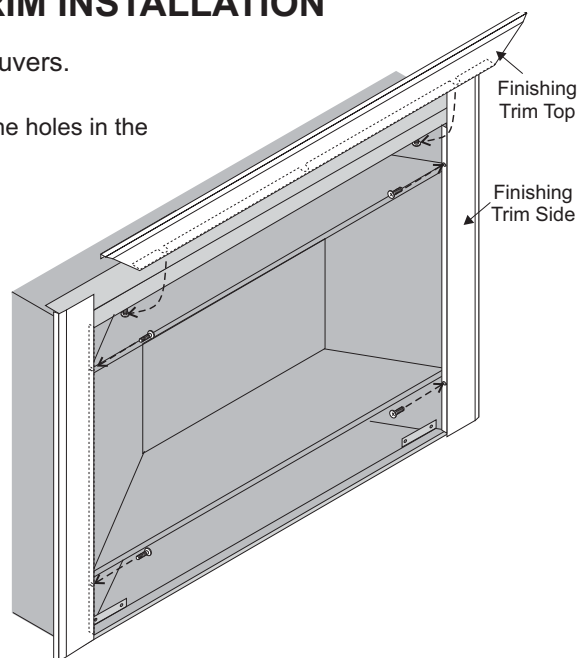
OPTIONAL FINISHING TRIM INSTALLATION

NOTE: Install the Finishing Trim prior to installing the Flush Louvers.

- 1) Install the Finishing Trim sides as shown in the diagram; line up the holes in the side trim with the holes in the firebox side.
- 2) Secure with 2 screws per side.
- 3) Loosen the 2 screws in the top inside edge of the firebox.
- 4) Slide the Finishing Trim Top over the Side Trim pieces and fit the bottom bracket slots over the screws. Tighten the 2 screws to secure in place.

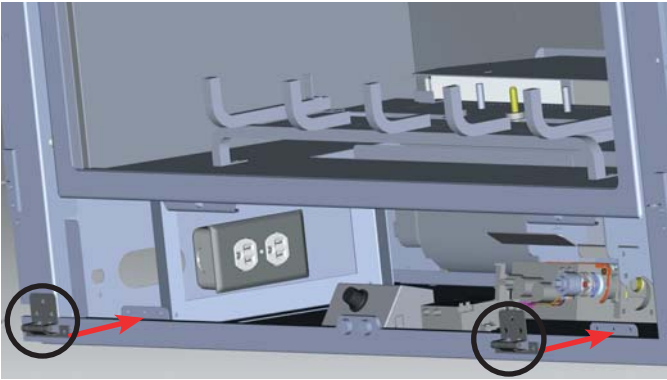


| | B41XT | B36XT |
|---|---------|---------|
| W | 43-3/8" | 40-1/2" |
| H | 37-5/8" | 35-3/4" |

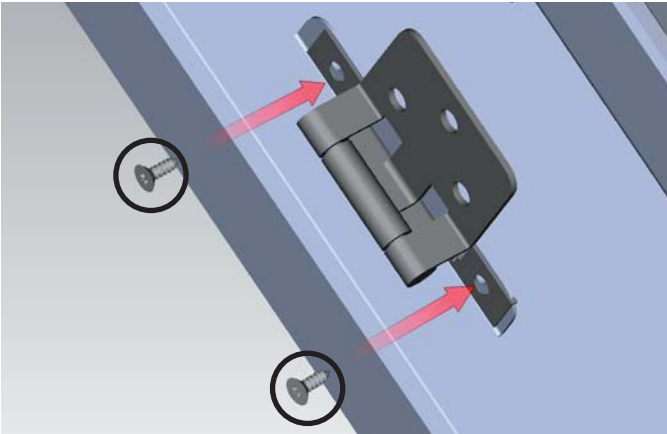


LOUVERS / FLUSH PANEL INSTALLATION

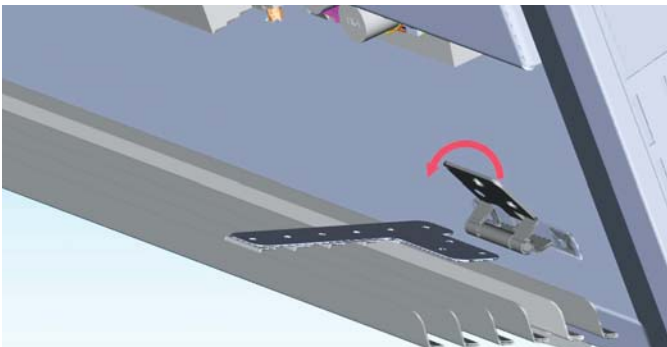
1. To install the lower louver or flush panel - line up the 2 hinges with the brackets in the unit as shown below.



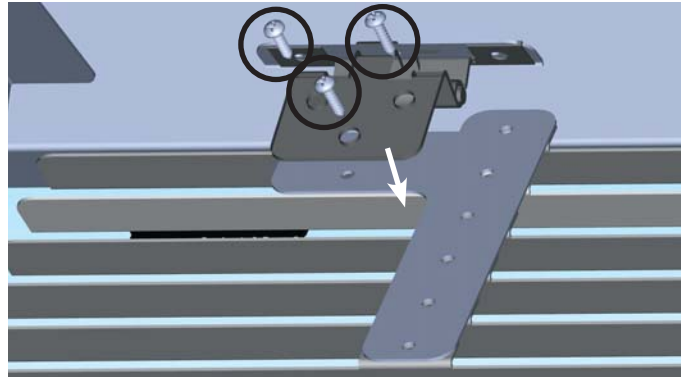
2. Attach the each hinge to the corresponding bracket with 2 screws as shown below.



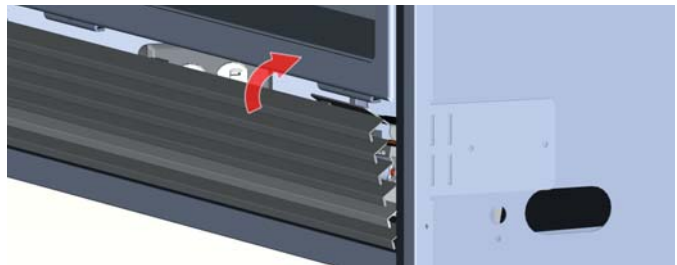
3. Flip the hinges down to 90° - line up the louver / flush panel as shown below.



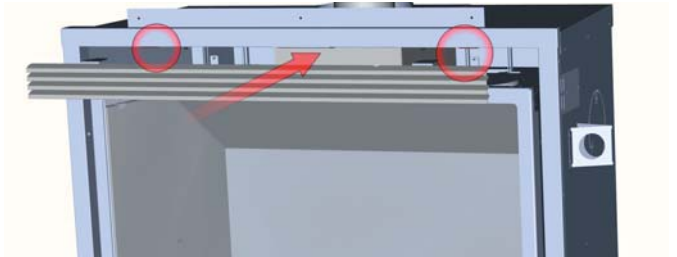
4. Fasten the hinges to the louver / flush panel with 3 screws each as shown below.



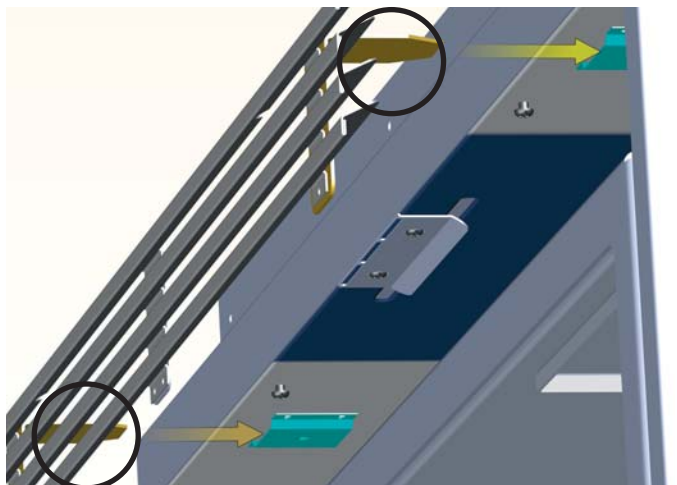
5. Flip up the louver / flush panel to close.



6. To install the top louver / flush panel - line up the 2 tabs on the louver / flush panel with the corresponding bracket clip on the inside top of the unit (see below).



Location of bracket clips in unit.



INSTALLATION

FULL SCREEN ARCH DOOR AND FRAME INSTALLATION

- 1) Remove glass door (refer to glass door removal in the manual).
- 2) Install 4 Phillips screws (supplied with packaging) to the inside walls of the unit (see Diagram 1 for locations).

Do not tighten the screws - leave them loose for the next step.

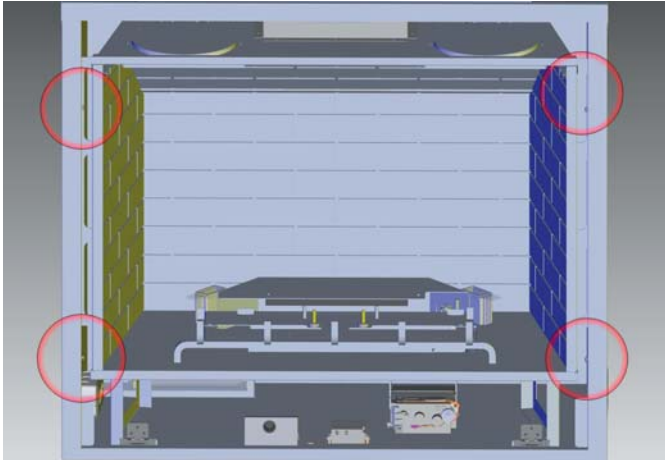


Diagram 1

- 3) Remove 2 screws from inside the firebox in the location shown below.

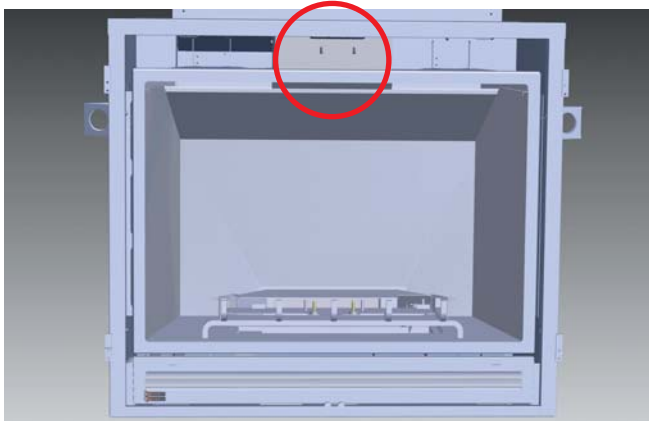


Diagram 2

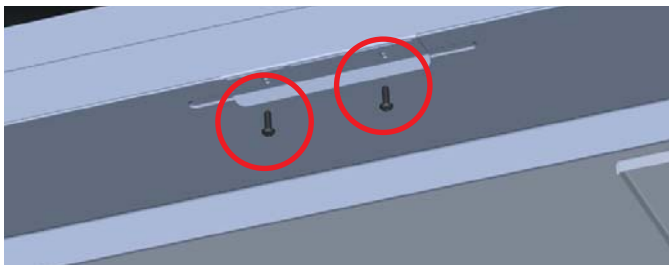


Diagram 2a

- 4) Slide bracket into slot on the back of the full screen door frame. See diagram 3.
- 5) Lift screen doors off of door frame to reduce the weight during installation.

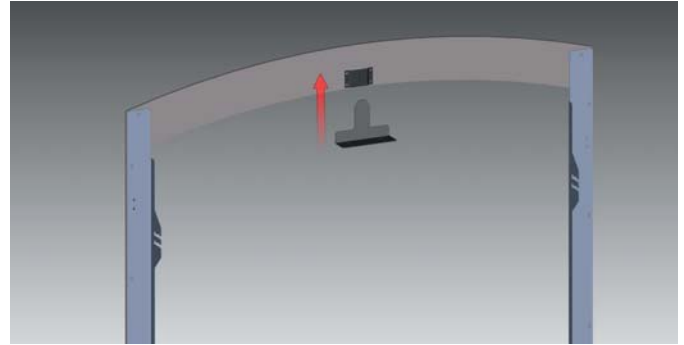


Diagram 3

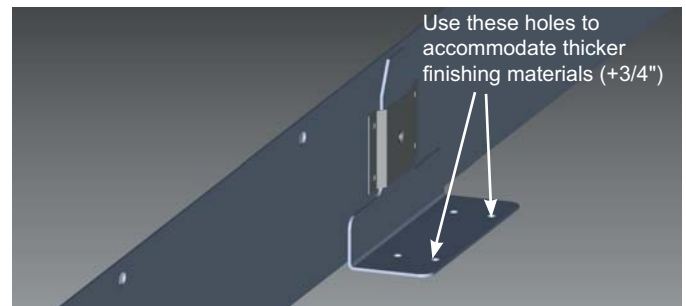


Diagram 3a

- 6) Mount the door frame onto 4 loosened screws from step 2 and retighten.

Note: The door frame is adjustable **up** by 3/4" to accommodate for finished flooring.

The door frame can also be adjusted **out** 3/4" from the unit to accommodate finishing materials. See Diagram 4.

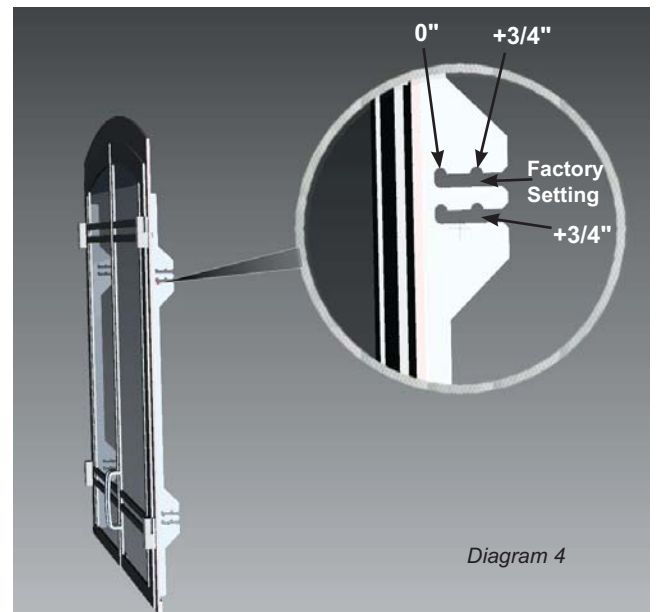
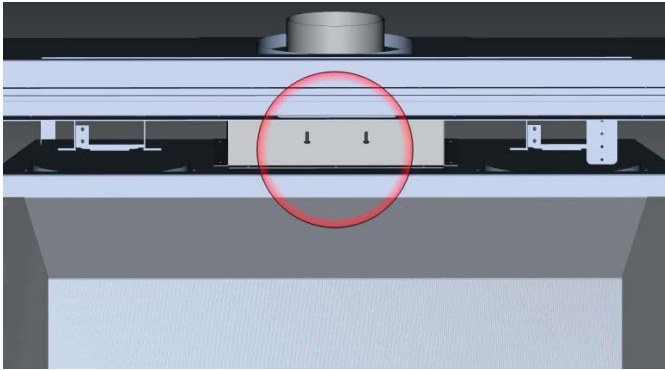


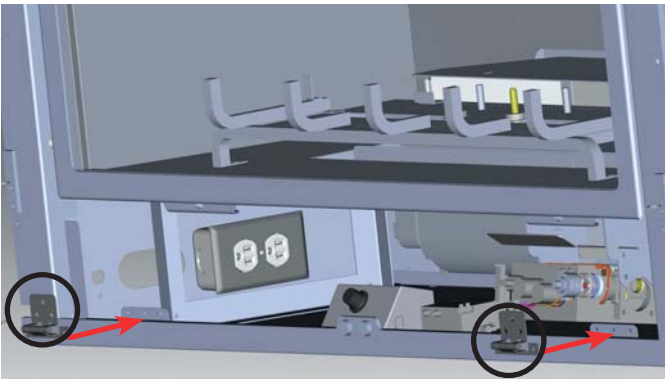
Diagram 4

- 7) Secure the bracket installed in Step 4 - to the inside of the firebox in the same location and with the same screws from Step 3 .

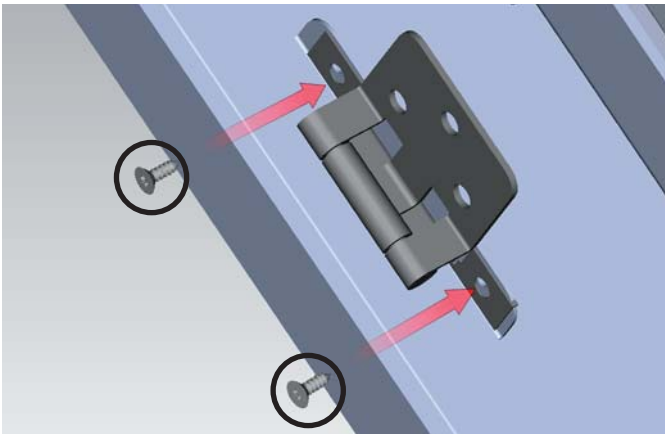


- 8) Reinstall the glass door.

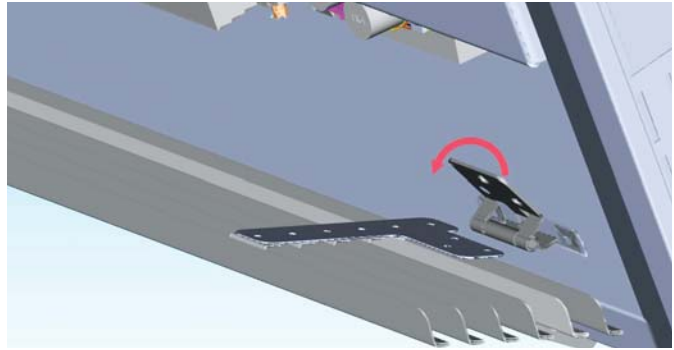
- 9) To install the lower screen mesh panel - line up the 2 hinges with the brackets in the unit as shown below.



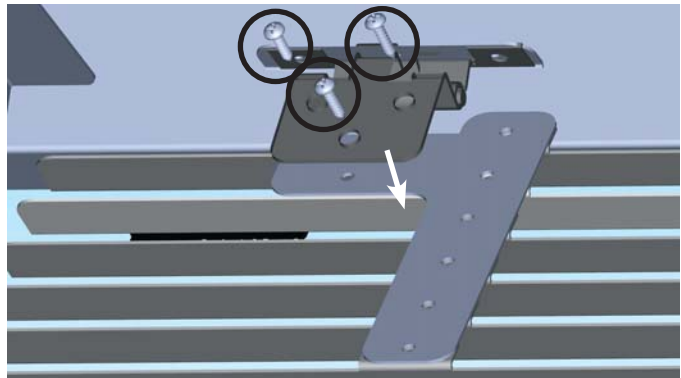
- 10) Attach each hinge to the corresponding bracket with 2 screws as shown below.



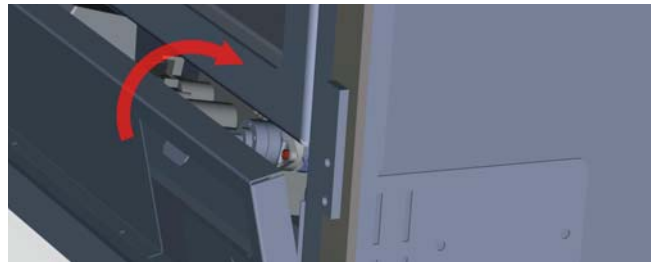
- 11) Flip the hinges down to 90° - line up the lower mesh screen door as shown below.



- 12) Fasten the hinges to the lower screen mesh panel with 3 screws each as shown below.

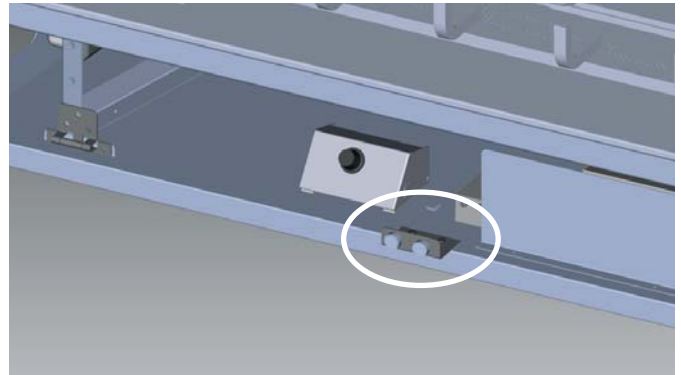
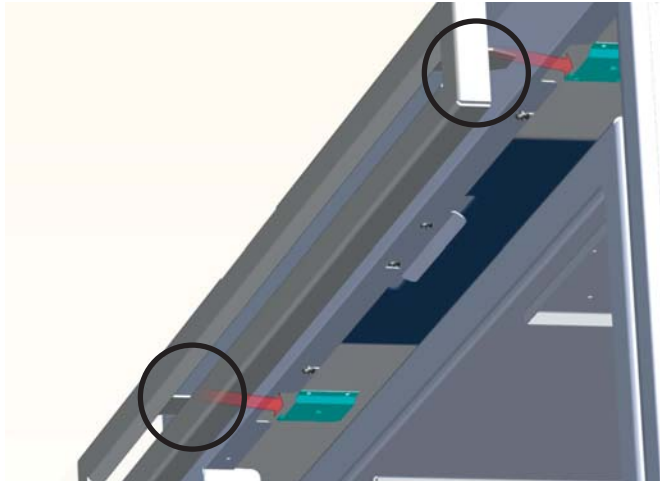


- 13) Flip up the lower screen mesh panel to close.

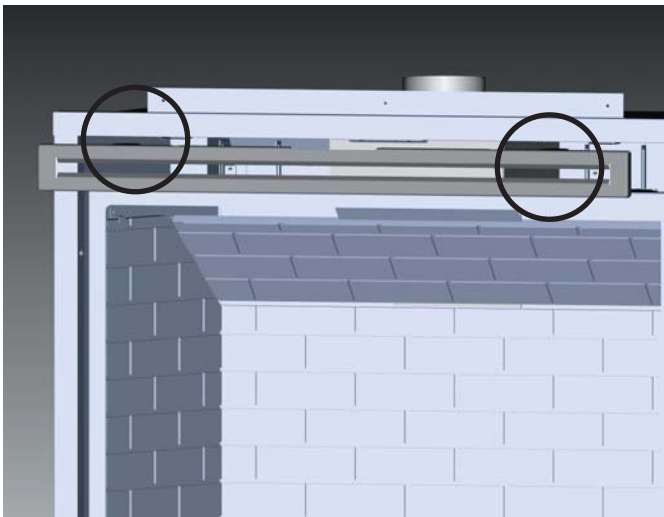


INSTALLATION

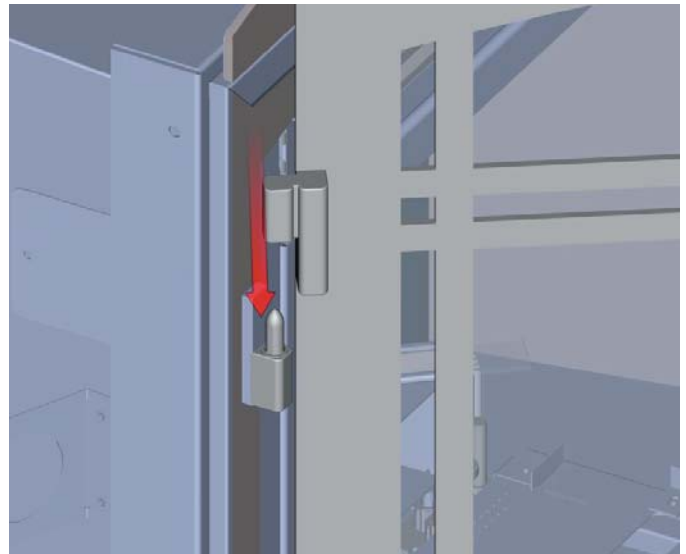
- 14) To install the top panel - line up the 2 tabs on the panel with the corresponding bracket clip on the inside top of the unit and slide into place (see below).



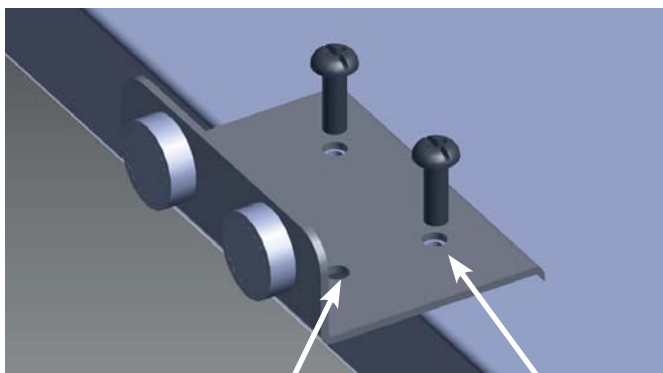
- 16) Re-hang the screen doors.



Location of bracket clips in unit.

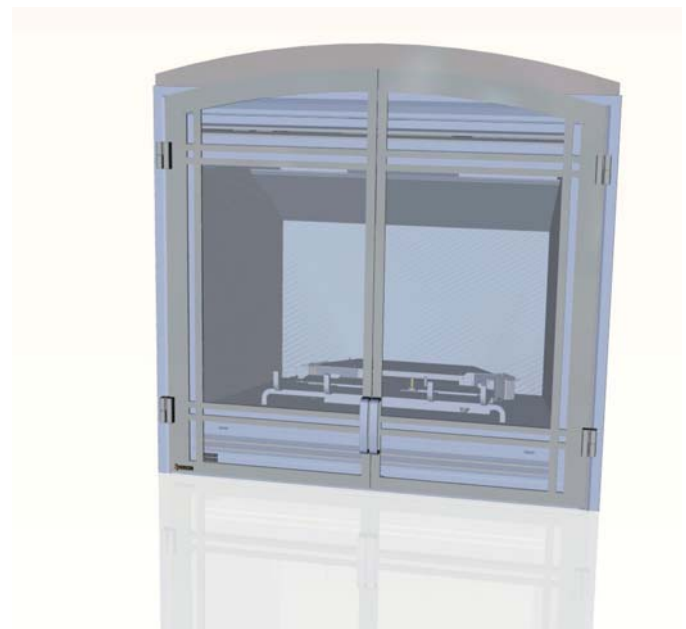


- 15) The full screen doors are stabilized by 2 magnets which are attached to a bracket. Install the bracket to the flange at the base of the unit using 2 screws. There are 2 hole locations on the bracket to accommodate flush wall & thicker finishing materials.



*Flush Wall
Screw Location*

*Thicker Finishing
Screw Location*



Final Screen Door Install

OPERATING INSTRUCTIONS

- 1) Read and understand these instructions before operating this appliance.
- 2) Check to see that all wiring is correct and enclosed to prevent possible shock.
- 3) Check to ensure there are no gas leaks.
- 4) Make sure the glass in the glass door frame is properly positioned. Never operate the appliance with the glass removed.
- 5) Verify that the venting and cap are unobstructed.
- 6) The unit should never be turned off, and on again without a minimum of a 60 second wait.

FIRST FIRE

The **FIRST FIRE** in your heater is part of the paint curing process. To ensure the paint is properly cured, it is recommended you burn your fireplace for at least four (4) hours the first time.

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.

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 ATTEMPT TO CLEAN THE GLASS WHILE IT IS STILL HOT!

DO NOT BURN THE UNIT WITHOUT THE GLASS DOOR 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 after the unit has cooled down or the film will bake on and become very difficult to remove. Use a non-abrasive cleaner and **DO NOT ATTEMPT TO CLEAN THE GLASS WHILE IT IS HOT.**

LIGHTING PROCEDURE

IMPORTANT

To ignite or reignite the pilot, you must first remove the glass door.

NOTE: The Gas ON/OFF knob cannot be turned from "ON", "PILOT" or "OFF" unless it is partially depressed.

- 1) Ensure the wall mounted switch or remote is in the "OFF" position.
- 2) Turn the gas control knob so the indicator points to the "OFF" position and wait 5 minutes for any gas in the combustion chamber to escape.
- 3) Turn the gas control knob counterclockwise so the indicator points to the "PILOT" position. Depress the gas control knob fully until the pilot lights. After approximately one minute, release the gas control knob. The pilot flame should continue to burn.

Only when the pilot holds, without pressure being applied to the gas control knob, re-install the glass door to the unit. The unit **must not** be operated without the glass door in place.

If the pilot does not remain lit, repeat operation allowing a longer period before releasing gas control knob.

- 4) When the pilot stays lit, turn the gas control knob to the "ON" position.
- 5) Use the wall switch or remote control to turn the unit ON.

NOTE: When using the remote control refer to the remote manual.

NOTE: If there is no spark present at the pilot when depressed, the AA battery may be weak. Refer to "DC Spark Battery Replacement" section.

SHUTDOWN PROCEDURE

- 1) Turn the wall mounted switch or remote to the "OFF" position.
- 2) Press "OFF" on the remote control.
- 3) Turn the gas control knob to the "OFF" position to turn off the pilot.

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.

Burner Tray:

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

Pilot Flame:

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

Gas Control Valve:

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

Unit Body/Firebox:

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

Blower Thermodisc:

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

COPY OF LIGHTING PLATE INSTRUCTIONS



FOR YOUR SAFETY READ BEFORE LIGHTING

This appliance must be installed in accordance with local codes, if any; if none, follow the National Fuel Gas Code, ANSI Z223.1/NFPA 54, or Natural Gas and Propane Installation Codes, CSA B149.1. (Australia: AS5601-2004, New Zealand: NZS 5261)


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.

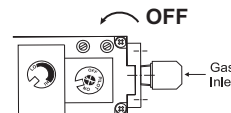
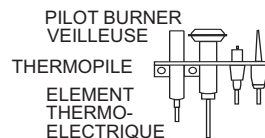
- A) This appliance has a pilot which must be lighted by hand. When lighting the pilot, follow these instructions exactly.
- B) BEFORE LIGHTING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
WHAT TO DO IF YOU SMELL GAS
 - Do not try to light any appliance.
 - Do not touch any electric switch, do not use any phone in your building.
 - Immediately call your gas supplier from a neighbours phone. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.
- C) Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it, call a qualified service technician. Forced or attempted repair may result in a fire or explosion.
- D) Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.
- E) This appliance needs fresh air for safe operation and must be installed so there are provisions for adequate combustion and ventilation air.


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

LIGHTING INSTRUCTIONS


STOP! Read the safety information above on this label.

- 1) Push in gas control knob slightly and turn clockwise  to "OFF". Knob cannot be turned from "PILOT" to "OFF" unless knob is pushed in slightly. Do not force.



- 2) Wait five (5) minutes to clear out any gas. If you then smell gas STOP! Follow step "B" in the Safety Information above on this label. If you don't smell gas, go to the next step.
- 3) Turn knob on gas control counterclockwise  to "PILOT".
- 4) Push in control knob all the way and hold in until the pilot lights up. Continue to hold the control knob in for about 20 seconds after the pilot is lit. Release knob and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 1) to 4). If knob does not pop up when released, stop and immediately call your service technician or gas supplier. If the pilot will not stay lit after several tries, turn the gas control knob to "OFF" and call your service technician or gas supplier.
- 5) Turn gas control knob counterclock-wise to "ON".
- 6) Turn the unit on.

TO TURN OFF GAS APPLIANCE

- 1) Turn off the unit.
- 2) Push in the gas control knob slightly and turn clockwise  to "OFF". Do not force.
- 3) Turn off all electric power to the appliance if service is to be performed.
You may shut off the pilot during prolonged non use periods to conserve fuel.

DO NOT REMOVE THIS INSTRUCTION PLATE

918-583

MAINTENANCE INSTRUCTIONS

- 1) Always turn off the gas 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 appliance and door with a damp cloth (never when unit is hot). Never use an abrasive cleaner. The glass should be cleaned with a gas fireplace glass cleaner. **The glass should be cleaned when it starts looking cloudy.**
- 3) The heater is finished in a heat resistant paint and should only be refinished with heat resistant paint. Regency® uses StoveBright Paint - Metallic Black #6309.
- 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) 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.

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

- 6) Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.
- 7) In the event this appliance has been serviced check that the vent-air system has been properly resealed & reinstalled in accordance with the manufacturer's instructions.
- 8) Verify operation after servicing.

General Vent Maintenance

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

- 1) Check the Venting System for corrosion in areas that are exposed to the elements. These will appear as rust spots or streaks, and in extreme cases, holes. These components should be replaced immediately.
- 2) Remove the Cap, and shine a flashlight down the Vent. Remove any bird nests, or other foreign material.

- 3) Check for evidences of excessive condensation, such as water droplets forming in the inner liner, and subsequently dripping out the joints. Continuous condensation can cause corrosion of caps, pipe, and fittings. It may be caused by having excessive lateral runs, too many elbows, and exterior portions of the system being exposed to cold weather.
- 4) Inspect joints, to verify that no pipe sections or fittings have been disturbed, and consequently loosened. Also check mechanical supports such as Wall Straps, or plumbers' tape for rigidity.

LOG REPLACEMENT

The unit should never be used with broken logs. Turn off the gas valve and allow the unit to cool before opening door and 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 diagrams under Log Installation.

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

THERMOPILE / THERMOCOUPLE

- 1) Open the Bottom Louvers or Grills. Remove the Top Louver or Grill.
- 2) Remove the Trim Kit, Glass Door, Log Set, Grate and Burner Assembly (see the "Log Installation" & "Glass Door Removal" sections).
- 3) Disconnect thermocouple by loosening nut from the valve with a 9mm wrench. Disconnect thermopile by loosening 2 screws marked TP on the valve.
- 4) Remove 2 screws from the pilot assembly and pull up far enough to be able to loosen the thermocouple or thermopile with a 7/16" wrench. **NOTE: the pilot line is very fragile, use caution when pulling it up.**
- 5) Drop the thermocouple or thermopile down through the extrusion and pull it out of the unit.
- 6) Reinstall the new ones in reverse order.

GLASS GASKET

If the glass gasket requires replacement use a tadpole glass gasket (Part # 936-155).

DOOR GLASS

Your Regency® fireplace is supplied with high temperature 5mm-Ceramic glass. If your glass requires cleaning, we recommend using an approved glass cleaner available at all authorized dealers. Do not use abrasive materials.

CAUTION & WARNINGS:

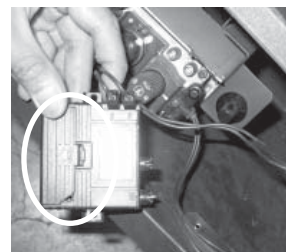
- * Do not clean when the glass is hot.
- * The use of substitute glass will void all product warranties.
- * Care must be taken to avoid breakage of the glass.
- * Do not strike or abuse the glass.
- * Do not operate this fireplace without the glass front or with a cracked or broken glass front.
- * Wear gloves when removing damaged or broken glass.
- * Replacement of the glass panels should be done by a licensed or qualified service person.

GLASS REPLACEMENT

In the event that you break your glass by impact, purchase your replacement from an authorized Regency dealer only. Replacement glass (Part #940-362/P) is shipped already installed into the door frame. Reinstall as per Glass Door Installation in the "Glass Door Removal" section.

DC SPARKER BATTERY REPLACEMENT

- 1) Remove the battery cover from the DC Sparker - remove the AA battery.



- 2) Replace with a new 'AA' battery and reinstall battery cover.



ACCENT LIGHT BULB REPLACEMENT

- 1) Shut off electrical supply.
- 2) Remove Full Screen Door and bottom Louver if installed.
- 3) Remove the glass door - see instructions in manual.
- 4) Remove the logs, lava rock and vermiculite if installed.
- 5) Remove the brick or inner panels if installed - see instructions in manual.
- 6) Remove the burner and rear log tray - see below.



Diagram 1: Remove the left and right screws.

- 7) Slide the burner assembly to the right to release it from the orifice, then lift it out.



Diagram 2: Slide burner assembly to the right and then remove.

- 8) Remove the 2 screws securing the rear log tray and lift out. Diagram 3

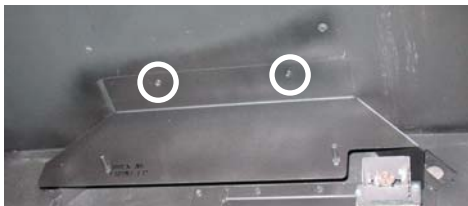


Diagram 3

- 9) Remove the 2 screws securing the base tray - lift base tray up and out. Diagram 4a and 4b.



Diagram 4a



Diagram 4b

Base Tray

- 10) Replace the bulbs as necessary.

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



- 11) Reverse steps 9 - 1.

VALVE REPLACEMENT

- 1) Shut off the gas and electrical supply.
- 2) Remove the louvers
- 3) Open the flush door and remove the door.
- 4) Remove the logs.
- 5) Remove the burner/grate assembly by removing the 2 screws.



Diagram 1: Remove the left and right screws.

- 6) Slide the burner assembly to the right to release it from the orifice, then lift it out.



Diagram 2: Slide burner assembly to the right and then remove.

- 7) Remove the 2 screws securing the rear log tray and lift out. Diagram 3



Diagram 3

- 8) Remove the 2 screws securing the burner tray - lift base tray up and out. Diagram 4a and 4b.



Diagram 4a



Diagram 4b

- 9) Disconnect the inlet gas line. See Diagram 5.

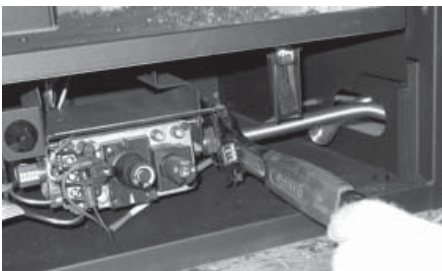


Diagram 5

- 10) Disconnect the wall switch wires from the valve. (see Diagram 6)

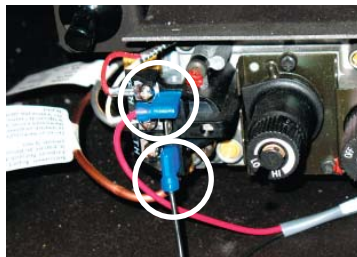


Diagram 6

- 11) Remove the 14 screws securing the valve tray assembly in place (Diagram 7) and then lift the entire assembly out (Diagram 8). Also remove the valve gasket.



Diagram 7

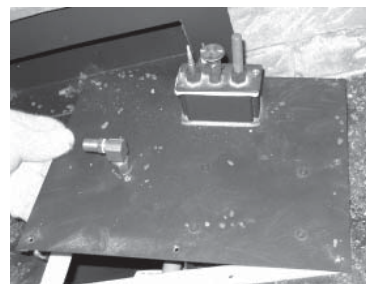


Diagram 8

INSTALLING VALVE

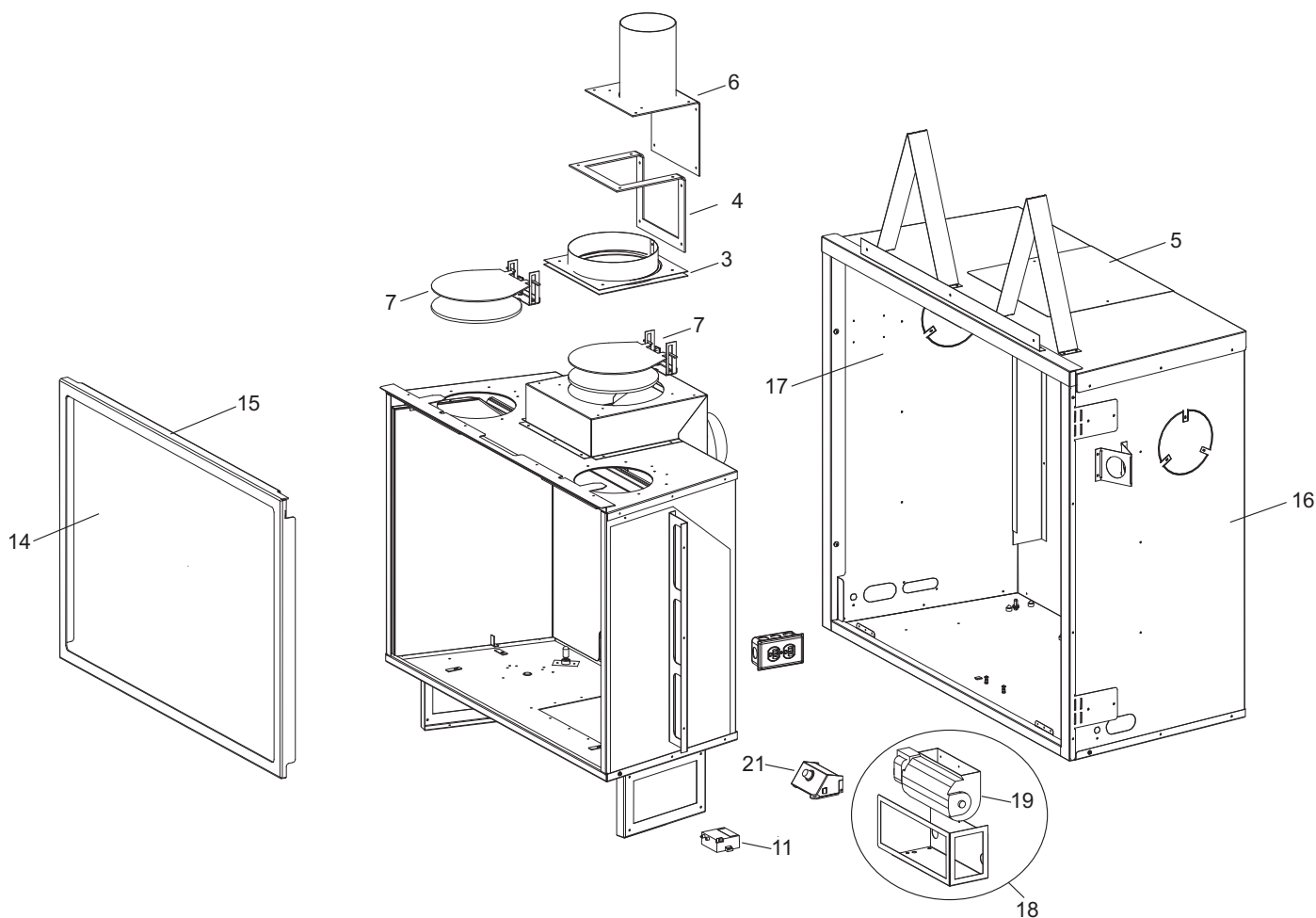
- 1) Place new valve tray and gasket into position.
- 2) Reinstall the 14 hold down screws.
- 3) Hook up the 2 TP and 2 TH wires to the appropriate connections on the valve.
- 4) Reinstall the rear log tray.
- 5) Install burner/grate assembly
- 6) Hook up the gas line and check for gas leaks with a soap and water solution or a gas leak detector. (Do not use open flame for leak testing.)
- 7) Fire up the unit temporarily
- 8) Check the manifold pressure.
- 9) Reinstall the logs and brick panels as needed.
- 10) Reinstall the door and replace the louvers.
- 11) Fire up the unit again and check for proper flame appearance and glow on logs.

PARTS LIST

MAIN ASSEMBLY

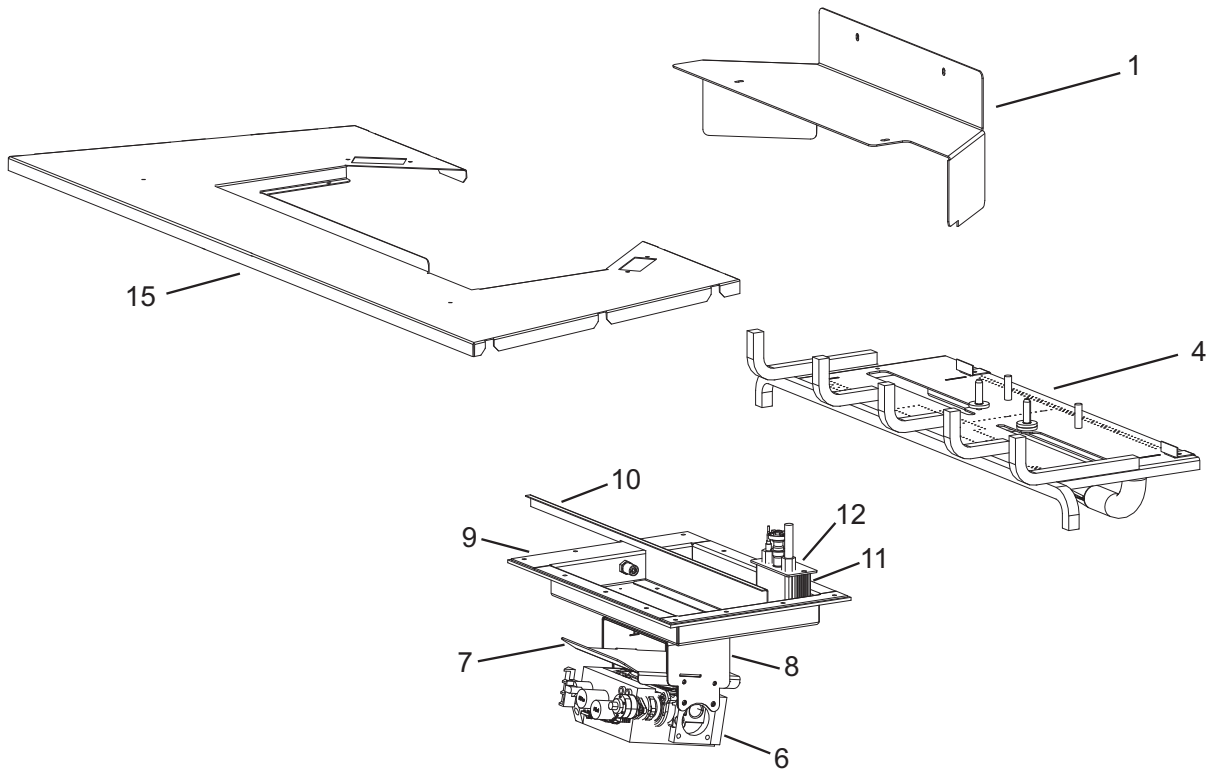
| Part # | Description | Part # | Description |
|---------------|--------------------------------|---------------|---------------------------------|
| 1) 506-086 | Top Insulation Plate | 18) 506-917 | Fan Assembly |
| 2) 506-074 | Top Insulation | 19) 910-215/P | Fan Motor (120 Volts) |
| 3) 506-513 | Flue Collar Outer Assembly | 432-966 | Fan Switch Assy (120 Volts) |
| 4) 506-000 | Exhaust Gasket | 20) 910-813 | Power Cord (120 Volts) |
| 5) 556-095 | Flue Collar Gasket | 21) 910-330 | Fan Speed Control |
| 6) * | Flue Collar Inner Assembly | 22) 904-586 | Knob - Speed Control |
| 7) 596-042F | Top Relief Plate | 23) 910-142 | Thermodisc - Fan Auto ON/OFF |
| 8) 476-023 | Relief Gasket - Door Top | | |
| 10) 820-389 | Thermodisc Bracket | 24) 946-000 | Round Duct Adaptor |
| 11) 910-073 | Spark Generator Battery Holder | 25) 910-367 | Box - Plastic Switch Receptacle |
| 12) 948-259 | Spring Handle Lever | 26) 910-412 | Fan Speed Controller |
| 13) 948-025 | Spring Door Extension | 27) 910-417 | Knob - White |
| 14) 940-362/P | Ceramic Glass | 28) 910-366 | Switch Cover Plate - White |
| 15) 506-083 | Door Frame | 29) 946-006 | Grill Plate - White |
| 16) * | Outerbox Assembly | 30) 946-005 | Wall Adaptor Plate - White |
| 17) * | Firebox Assembly | 31) 946-002 | Round to Oval Adaptor |
| | | 32) 946-001 | Oval Duct Adaptor |
| | | 33) 946-007 | Angle Bracket |
| | | 34) 946-517/P | Fan Assembly - Heat Wave |
| | | 35) 946-004 | Junction Box |
| | | 506-959 | Optional Accent Light |
| | | 36) 918-810 | Manual |

* Not available as a replacement part.



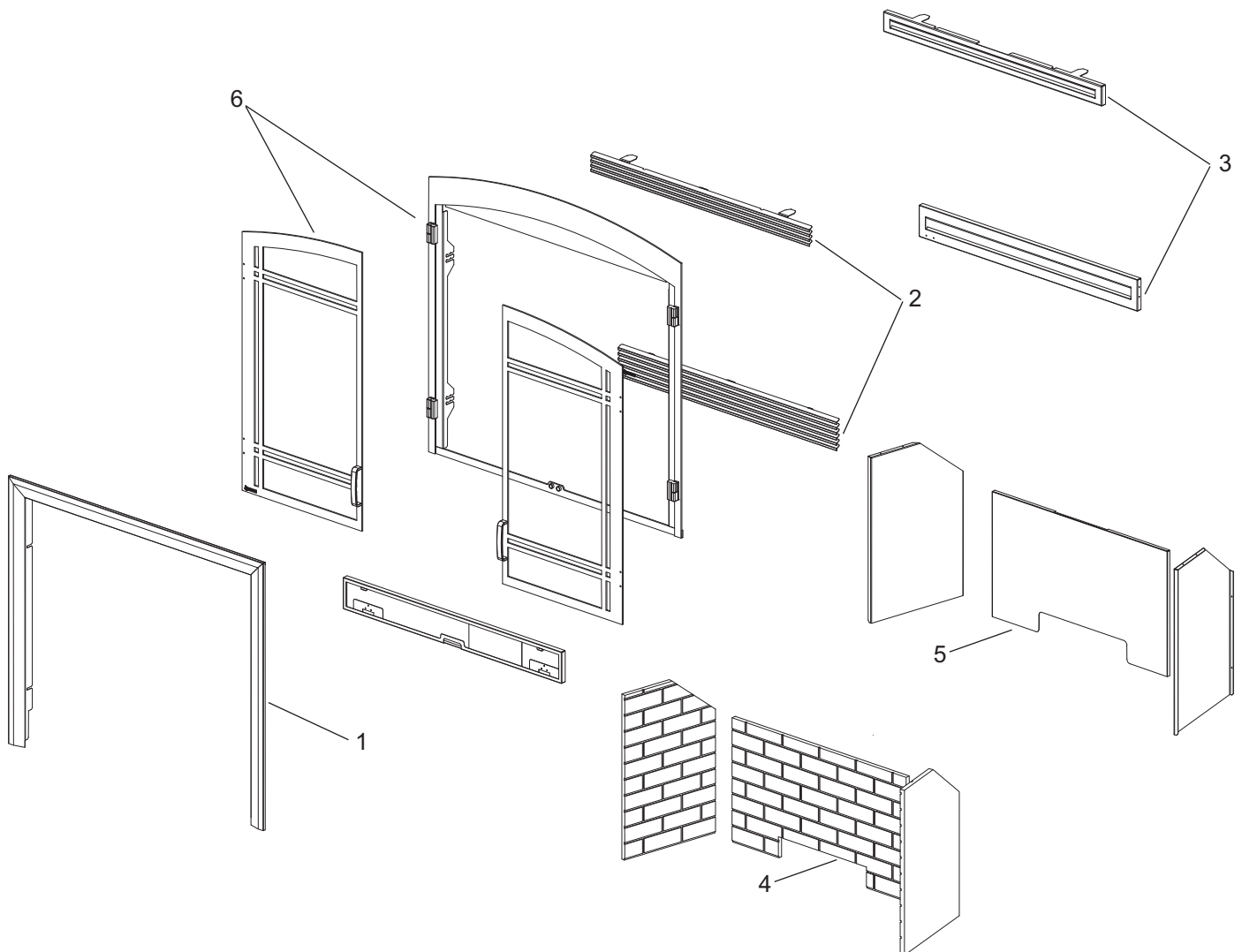
BURNER ASSEMBLY

| Part # | Description | Part # | Description |
|-------------|------------------------------|-------------|-----------------------|
| 1) 506-070 | Rear Log Tray | 904-660 | Orifice #30 NG |
| 506-525 | B41XT Burner Assembly NG | 904-431 | Orifice #49 LP |
| 4) 506-531 | B41XT Grate Assembly | 506-574/P | Valve Assembly - NG |
| 6) 910-568 | Valve NG/LP SIT High/Low 820 | 506-576/P | Valve Assembly - LP |
| 7) 506-072 | Valve Shield | 506-003 | Valve Assembly Gasket |
| 8) 506-071 | Valve Mounting | 15) 506-062 | Base Tray |
| 9) 506-055 | Valve Tray Plate | 506-930 | Log Set |
| 10) 506-075 | Air Deflector | | |
| 11) 380-013 | Pilot Holder Extruded | | |
| 12) 910-038 | Pilot Assembly - NG | | |
| 910-039 | Pilot Assembly - LP | | |
| 910-386 | Thermocouple | | |
| 910-341 | Thermopile | | |



ACCESSORIES

| Part # | Description |
|------------|----------------------------------------|
| 1) 506-946 | 3-Sided Finishing Trim |
| 2) 506-920 | Louvers Set - Black |
| 506-924 | Louvers Set - Gold / Black |
| 506-926 | Louvers Set - Steel / Black |
| 3) 506-916 | Black Flush Panels - Set |
| 4) 506-901 | Brick Panels - Standard Brown |
| 506-902 | Brick Panels - Standard Red |
| 506-905 | Brick Panels - Standard Cinder Gray |
| 5) 506-907 | Inner Panels - Brushed Stainless Steel |
| 506-908 | Inner Panels - Black Enamel |
| 6) 506-980 | Full Screen Doors - Black |
| 506-982 | Full Screen Doors - Midnight Grey |
| 506-984 | Full Screen Doors - Midnight Brown |





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

The Warranty: Limited Lifetime

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

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

External casting, surrounds and grills are covered against cracks and warps resulting from manufacturer defects, parts and subsidized labour* for three (3) years from the date of purchase and parts only thereafter.

Special Finishes - One year on brushed nickel and antique copper full screens and doors. You can expect some changes in color as the product "ages" with constant heating and cooling. FPI warrants the product for any manufacturing defects on the original product. However, the manufacturers warranty does not cover changing colors and marks, ie. finger prints, etc applied after the purchase of the product. Damage from the use of abrasive cleaners is not covered by warranty.

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

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

Simpson Dura-Vent venting components (Direct Vent units) are covered by Simpson Dura-Vent Inc. warranty.

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

Conditions:

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

Porcelain/Enamel - Absolute perfection is either guaranteed nor commercially possible. Any chips must be reported and inspected by an authorized dealer within three days of installation. Reported damage after this time will be subject to rejection.

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

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

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

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

Exclusions:

This limited Lifetime Warranty does not extend to or include paint, door or glass gasketing or trim.

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

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

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

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

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

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

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

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

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

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

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

* Subsidy according to job scale as predetermined by FPI.

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

Reasons to register your product online today!

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

Installer: Please complete the following information

Dealer Name & Address: _____

Installer: _____

Phone #: _____

Date Installed: _____

Serial No.: _____