



## Regency Bellavista™ B41XTCE Gas Fireplace

Owners &  
Installation Manual

MODELS: B41XTCE-NG  
B41XTCE-LP



Bellavista B41XTCE Video



[www.regency-fire.com](http://www.regency-fire.com)

### 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!

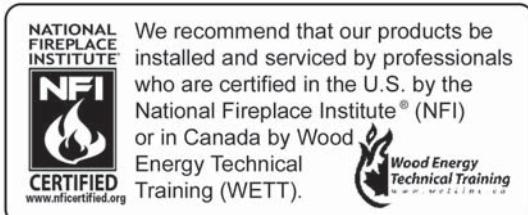
You are the owner of a state-of-the-art Gas Fireplace by REGENCY®. The Bellavista™ B41XTCE has been designed to provide you with all the warmth and charm of a wood fireplace at the flick of a switch. The Bellavista™ B41XTCE has been approved by Warnock Hersey/Intertek for both safety and efficiency. 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  
B41XTCE Video



Bellavista 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.

# TABLE OF CONTENTS

## SAFETY LABEL

Copy of Safety Decal.....	5
---------------------------	---

## REQUIREMENTS

MA Code - CO Detector.....	6
----------------------------	---

## DIMENSIONS

Unit Dimensions .....	7
-----------------------	---

## INSTALLATION

Important Message .....	8
Before You Start .....	8
General Safety Information.....	8
Installation Checklist.....	9
Locating Your Gas Fireplace .....	9
Clearances .....	10
Mantel Clearances.....	11
Mantel Leg Clearances.....	12
Non-Combustible Requirements .....	12
Framing .....	13
Framing & Finishing.....	14
Tile Finish .....	14
Clean Finish.....	14
Unit Assembly Prior to Installation .....	16
Top Standoff Assembly .....	16
Nailing strips .....	16
Venting Introduction.....	19
Vent Restrictor & Baffle Installation .....	19
Exterior Vent Termination Requirements .....	20
5" x 8" Rigid Pipe .....	21
Cross Reference Chart only .....	21
Venting Arrangements for horizontal terminations .....	23
Flex Vent or RIGID PIPE 5" x 8" .....	23
Rear Venting Deflector Installation .....	23
For rear vented horizontal terminations .....	23
Horizontal Terminations .....	24
Flex Vent 5" x 8" .....	24
RIGID PIPE 5" x 8" .....	25
AstroCap XL & Rigid rear vent kit- corner installations	26
Rigid pipe 5" x 8" .....	26
Venting arrangements.....	27
For Horizontal TerminationS .....	27
Rigid Pipe Venting Systems .....	28
Basic Horizontal & Vertical Terminations .....	28
Horizontal terminations.....	29
Two (2) 90° Elbows (Rigid Pipe 5" x 8").....	29
Horizontal terminations.....	29
Three (3) 90° Elbows (Rigid Pipe 5" x 8") .....	29
Venting arrangements.....	30
For Vertical TerminationS .....	30

Vertical terminations .....	31
Three (3) 90° Elbows (Rigid Pipe 5" x 8") .....	31
Unit Installation with Horizontal Termination .....	32
Gas Line Installation.....	34
Pilot Adjustment.....	35
High Elevation .....	35
886 S.I.T. Valve Description.....	35
Gas Pipe Pressure Testing .....	35
Brick panel installation.....	36
Optional black enamel panel installation .....	37
Log set installation.....	39
Optional Fan installation .....	43
Optional Wall Thermostat .....	45
Optional Remote Control .....	45
Optional Wall Switch.....	45
GT Remote installation .....	47
GTM Remote installation .....	48
GTMF Remote installation.....	50
Wiring Diagram.....	52
Line voltage wiring to receptacle in unit.....	52
Proflame system wiring diagram .....	53
Optional accent light Installation.....	54
Mesh guard Installation .....	56
Flush glass door Installation .....	57

## OPERATING INSTRUCTIONS

Operating Instructions .....	58
Lighting Procedure .....	58
Shutdown Procedure .....	58
First Fire .....	58
Normal Operating Sounds of Gas Appliances .....	58
Aeration Adjustment .....	58
Copy of Lighting Plate Instructions .....	59
Maintenance Instructions.....	60
Log Replacement .....	60
Door Glass.....	60
Accent Light Bulb Replacement .....	61
Valve Replacement.....	62
Installing Valve.....	62

## PARTS LIST

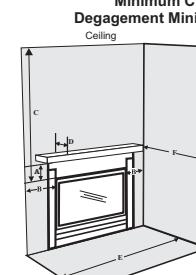
Main Assembly .....	63
Burner Assembly .....	64

## WARRANTY

The Warranty: Limited Lifetime .....	67
--------------------------------------	----

This is a copy of the label that accompanies each Bellavista™ B41XTCE 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.

 Intertek 4001172	<b>Duplicate S/N</b> <b>411</b>																																			
<b>Listed: VENTED GAS FIREPLACE HEATER</b> <b>Certified for/Certifiée pour: CANADA and U.S.A.</b> <b>Tested to: CAN/CGA-B.2.17-M91(R2009)</b> <b>ANSI Z21.88-2009/CSA 2.33-2009</b> <b>MAY BE INSTALLED IN MANUFACTURED (MOBILE) HOMES AFTER FIRST SALE.</b>																																				
<b>DO NOT REMOVE THIS LABEL / NE PAS ENLEVER CETTE ÉTIQUETTE</b> <b>Serial No./ No de série</b> <b>411</b>																																				
<b>NATURAL GAS: Model B41XTCE-NG</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Minimum supply pressure</td> <td style="width: 15%;">5.0"</td> <td style="width: 15%;">WC/C.E. (1.25 kPa)</td> <td style="width: 15%;">Pression d'allimentation minimum</td> <td style="width: 15%;">APPAREIL FONCTIONNANT AU NATURAL GAS CONCU POUR ETRE POELE: Modèle B41XTCE-NG</td> </tr> <tr> <td>Manifold pressure high</td> <td>3.5"</td> <td>WC/C.E. (0.87 kPa)</td> <td>Pression à la tubulure d'échappement élevée</td> <td></td> </tr> <tr> <td>Manifold pressure low</td> <td>1.6"</td> <td>WC/C.E. (0.40 kPa)</td> <td>Pression à la tubulure d'échappement basse</td> <td></td> </tr> <tr> <td>Orifice size</td> <td>#30</td> <td>DVS</td> <td>Grandeur de l'injecteur</td> <td></td> </tr> <tr> <td>Minimum input</td> <td>30,000</td> <td>Btu/h (8.79 kW)</td> <td>Débit Calorifique minimum selon</td> <td></td> </tr> <tr> <td>Maximum input</td> <td>42,500</td> <td>Btu/h (12.45 kW)</td> <td>Débit Calorifique maximum selon</td> <td></td> </tr> <tr> <td>Altitude</td> <td>0-4500 ft/pi</td> <td>(0-1372 m)</td> <td>l'altitude</td> <td></td> </tr> </table>	Minimum supply pressure	5.0"	WC/C.E. (1.25 kPa)	Pression d'allimentation minimum	APPAREIL FONCTIONNANT AU NATURAL GAS CONCU POUR ETRE POELE: Modèle B41XTCE-NG	Manifold pressure high	3.5"	WC/C.E. (0.87 kPa)	Pression à la tubulure d'échappement élevée		Manifold pressure low	1.6"	WC/C.E. (0.40 kPa)	Pression à la tubulure d'échappement basse		Orifice size	#30	DVS	Grandeur de l'injecteur		Minimum input	30,000	Btu/h (8.79 kW)	Débit Calorifique minimum selon		Maximum input	42,500	Btu/h (12.45 kW)	Débit Calorifique maximum selon		Altitude	0-4500 ft/pi	(0-1372 m)	l'altitude		<b>DOOR SEAL: Please check that the door is properly sealed</b> <small>(See Instruction Manual for detailed instructions)</small>
Minimum supply pressure	5.0"	WC/C.E. (1.25 kPa)	Pression d'allimentation minimum	APPAREIL FONCTIONNANT AU NATURAL GAS CONCU POUR ETRE POELE: Modèle B41XTCE-NG																																
Manifold pressure high	3.5"	WC/C.E. (0.87 kPa)	Pression à la tubulure d'échappement élevée																																	
Manifold pressure low	1.6"	WC/C.E. (0.40 kPa)	Pression à la tubulure d'échappement basse																																	
Orifice size	#30	DVS	Grandeur de l'injecteur																																	
Minimum input	30,000	Btu/h (8.79 kW)	Débit Calorifique minimum selon																																	
Maximum input	42,500	Btu/h (12.45 kW)	Débit Calorifique maximum selon																																	
Altitude	0-4500 ft/pi	(0-1372 m)	l'altitude																																	
<b>PROPANE GAS: Model B41XTCE-LP</b> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 15%;">Minimum supply pressure</td> <td style="width: 15%;">11"</td> <td style="width: 15%;">WC/C.E. (2.74 kPa)</td> <td style="width: 15%;">Pression d'allimentation minimum</td> <td style="width: 15%;">ÉQUIPÉ A L'USINE POUR GAZ PROPANE CONCU POUR ETRE POELE: Modèle B41XTCE-LP</td> </tr> <tr> <td>Manifold pressure high</td> <td>10"</td> <td>WC/C.E. (2.49 kPa)</td> <td>Pression à la tubulure d'échappement élevée</td> <td></td> </tr> <tr> <td>Manifold pressure low</td> <td>6.4"</td> <td>WC/C.E. (1.60 kPa)</td> <td>Pression à la tubulure d'échappement basse</td> <td></td> </tr> <tr> <td>Orifice size</td> <td>#49</td> <td>DVS</td> <td>Grandeur de l'injecteur</td> <td></td> </tr> <tr> <td>Minimum input</td> <td>29,500</td> <td>Btu/h (8.65 kW)</td> <td>Débit Calorifique minimum selon</td> <td></td> </tr> <tr> <td>Maximum input</td> <td>37,500</td> <td>Btu/h (10.99 kW)</td> <td>Débit Calorifique maximum selon</td> <td></td> </tr> <tr> <td>Altitude</td> <td>0-4500 ft/pi</td> <td>(0-1372 m)</td> <td>l'altitude</td> <td></td> </tr> </table>	Minimum supply pressure	11"	WC/C.E. (2.74 kPa)	Pression d'allimentation minimum	ÉQUIPÉ A L'USINE POUR GAZ PROPANE CONCU POUR ETRE POELE: Modèle B41XTCE-LP	Manifold pressure high	10"	WC/C.E. (2.49 kPa)	Pression à la tubulure d'échappement élevée		Manifold pressure low	6.4"	WC/C.E. (1.60 kPa)	Pression à la tubulure d'échappement basse		Orifice size	#49	DVS	Grandeur de l'injecteur		Minimum input	29,500	Btu/h (8.65 kW)	Débit Calorifique minimum selon		Maximum input	37,500	Btu/h (10.99 kW)	Débit Calorifique maximum selon		Altitude	0-4500 ft/pi	(0-1372 m)	l'altitude		<b>Minimum Clearances to Combustibles / Dégagement Minimum De Materiaux Combustibles</b>  <b>Mantel Clearances from Fireplace Opening:</b> (A) Min. 17-9/16" (446mm) <b>Side Wall Clearance from Fireplace Opening</b> (B) Min. 9" (229mm) <b>Ceiling from Top of Fireplace Opening:</b> (C) 36-5/8" (930mm) <b>Mantel Depth:</b> (D) Max. 12" (304mm) <b>Alcove Clearances:</b> (E) Min. Width 60" (1524mm), (F) Max. Depth 36" (914mm) <b>Minimum Vent Clearances:</b> Horizontal Top 3" (76mm) Horizontal Side 2" (51mm) Horizontal Bottom 2" (51mm) Vertical Vent 2" (51mm)
Minimum supply pressure	11"	WC/C.E. (2.74 kPa)	Pression d'allimentation minimum	ÉQUIPÉ A L'USINE POUR GAZ PROPANE CONCU POUR ETRE POELE: Modèle B41XTCE-LP																																
Manifold pressure high	10"	WC/C.E. (2.49 kPa)	Pression à la tubulure d'échappement élevée																																	
Manifold pressure low	6.4"	WC/C.E. (1.60 kPa)	Pression à la tubulure d'échappement basse																																	
Orifice size	#49	DVS	Grandeur de l'injecteur																																	
Minimum input	29,500	Btu/h (8.65 kW)	Débit Calorifique minimum selon																																	
Maximum input	37,500	Btu/h (10.99 kW)	Débit Calorifique maximum selon																																	
Altitude	0-4500 ft/pi	(0-1372 m)	l'altitude																																	
<small>This appliance must be installed in accordance with local codes, if any; if none, follow the National Fuel Gas Code, ANSI Z223.1, or Natural Gas and Propane Installation Code, CSA B149.1.  This appliance must be installed in accordance with the Standard CAN/CSA-Z240 MH, Mobile Housing, in Canada, or with the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, in the United States, or when such a standard is not applicable, ANSI/ICSB/CSA225.1/NFPA 501A, 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 réglements 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.  Installez l'appareil selon la norme CAN/CSA-Z240, Série MM, Maison mobiles ou CAN/CSA-Z240 VC, Véhicules de camping, ou la norme 24 CFR Part 3280, Manufactured Home Construction and Safety Standard.  Si ces normes ne sont pas pertinentes, utilisez la norme ANSI/ICSB/CSA225.1/NFPA 501A, Manufactured Home Installations Standard, ou ANSI/A119.2 ou NFPA 501C Standard for Recreational Vehicles.  Cet appareil doit être utilisé uniquement avec le type de gaz indiqué sur la plaque signalétique. Cet appareil peut être installé dans une maison préfabriquée ou mobile (É.-U. seulement) installée à demeure si les règlements locaux le permettent. Voir la notice de l'utilisateur pour plus de renseignements. Cet appareil ne peut pas être utilisé avec d'autres gaz sauf si une trousse de conversion certifiée est fournie.  <b>This vented gas fireplace heater is not for use with air filters.</b> <b>Ne pas utiliser de filtre à air avec ce foyer au gaz à évacuation.</b>  For use with glass doors certified with the appliance only  Electrical supply / Électricité 115VAC, 1.13 A, 60Hz.  <b>VENTED GAS FIREPLACE HEATER - NOT FOR USE WITH SOLID FUELS.</b>  <b>FOYER AU GAZ À ÉVACUATION - NE PAS UTILISER AVEC DU COMBUSTIBLE SOLIDE.</b></small>																																				
<b>FPI Fireplace Products International Ltd.</b> <b>Delta, BC, Canada</b>																																				
<small>919-163</small>																																				

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

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

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

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

# 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.

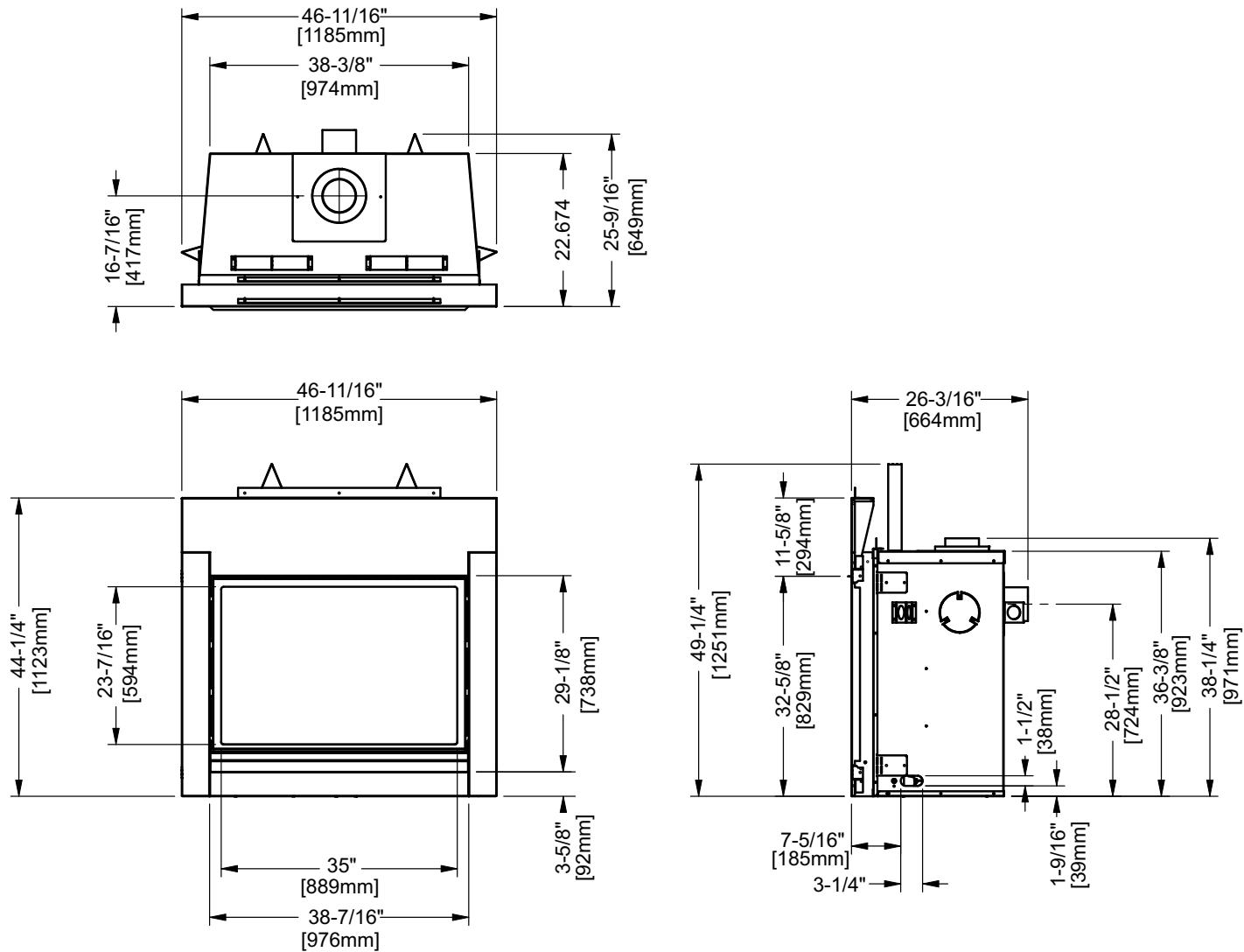
(d) MANUFACTURER REQUIREMENTS - GAS EQUIPMENT VENTING SYSTEM NOT PROVIDED. When the manufacturer of a Product Approved side wall horizontally vented gas fueled equipment does not provide the parts for venting the flue gases, but identifies "special venting systems", the following requirements shall be 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 B41XTCE 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 DRAPERYES.**

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

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

**YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE SAME AREA AS THE APPLIANCE. TODDLERS, YOUNG CHILDREN AND OTHERS MAY BE SUSCEPTIBLE TO ACCIDENTAL CONTACT BURNS. A PHYSICAL BARRIER IS RECOMMENDED IF THERE ARE AT RISK INDIVIDUAL IN THE HOUSE. TO RESTRICT ACCESS TO A FIREPLACE OR STOVE, INSTALL AN ADJUSTABLE SAFETY GATE TO KEEP TODDLERS, YOUNG CHILDREN AND OTHER AT RISK INDIVIDUALS OUT OF THE ROOM AND AWAY FROM HOT SURFACES.**

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

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

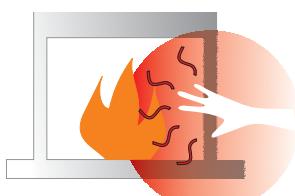
**ANY SAFETY SCREEN, GUARD, OR BARRIER REMOVED FOR SERVICING THE APPLIANCE, MUST BE REPLACED PRIOR TO OPERATING THE APPLIANCE.**

### 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) Make gas connections. Test the pilot. Must be as per diagram (Refer to "Pilot Adjustment" section).
- 5) Make electrical connections to receptacle supplied with unit (recommended).
- 6) Install standard and optional features. Refer to the following sections:
  - a. Install 4AA batteries into battery pack
  - b. Inner Panels or Brick Panels (Required)
  - c. Log Set Installation
  - d. Standard Flush Door
  - e. Remote Control
  - f. Wall Switch
  - g. Wall Thermostat
  - h. Fan Installation (Optional)
  - i. Light Installation (Optional)
- 7) Final check.

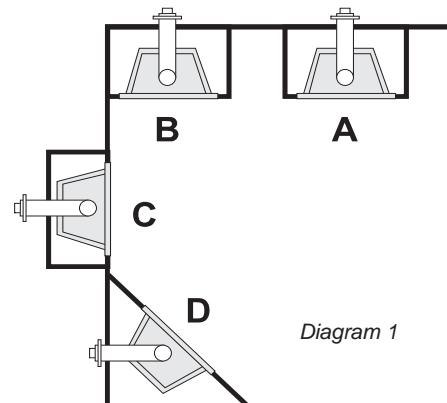
### This includes:

- 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 B41XTCE 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.



- 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 B41XTCE 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.

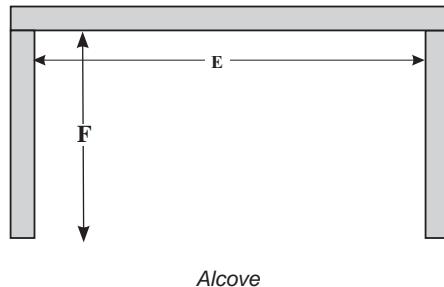
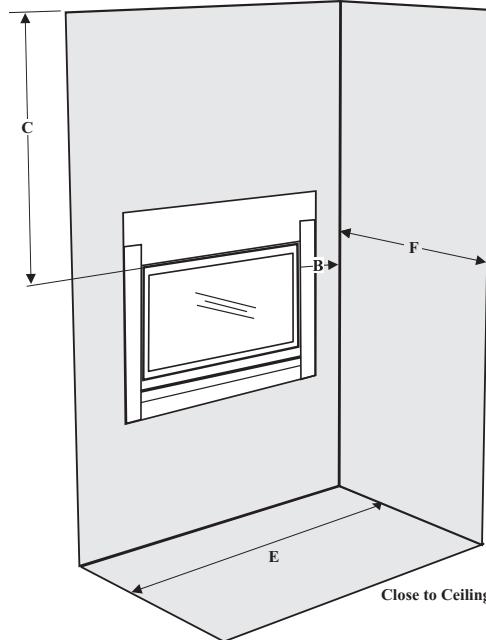
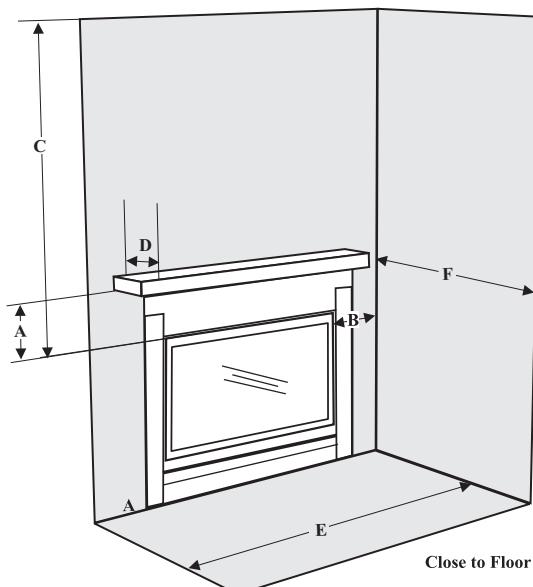
### WARNING

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.

### B41XTCE Clearance Requirements

Clearance:	Dimension	Measured From:
<b>A: Mantel Height (min.)</b>	17-9/16" (446mm)	Top of Fireplace Opening
<b>B: Sidewall</b>	9" (229mm)	Side of Fireplace Opening
<b>C: Ceiling</b>	36-5/8" (930mm)	Top of Fireplace Opening
<b>D: Mantel Depth (max.)</b>	12" (304mm) 25-13/16" (651mm) from Top of Fireplace Opening	
<b>E: Alcove Width</b>	60" (1524mm)	Wall to Wall (Minimum)
<b>F: Alcove Depth</b>	36" (914mm)	Front to Back Wall (Maximum)
<b>Notes:</b>	0"	No Hearth Required

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



### Minimum Vent Clearances to Combustibles

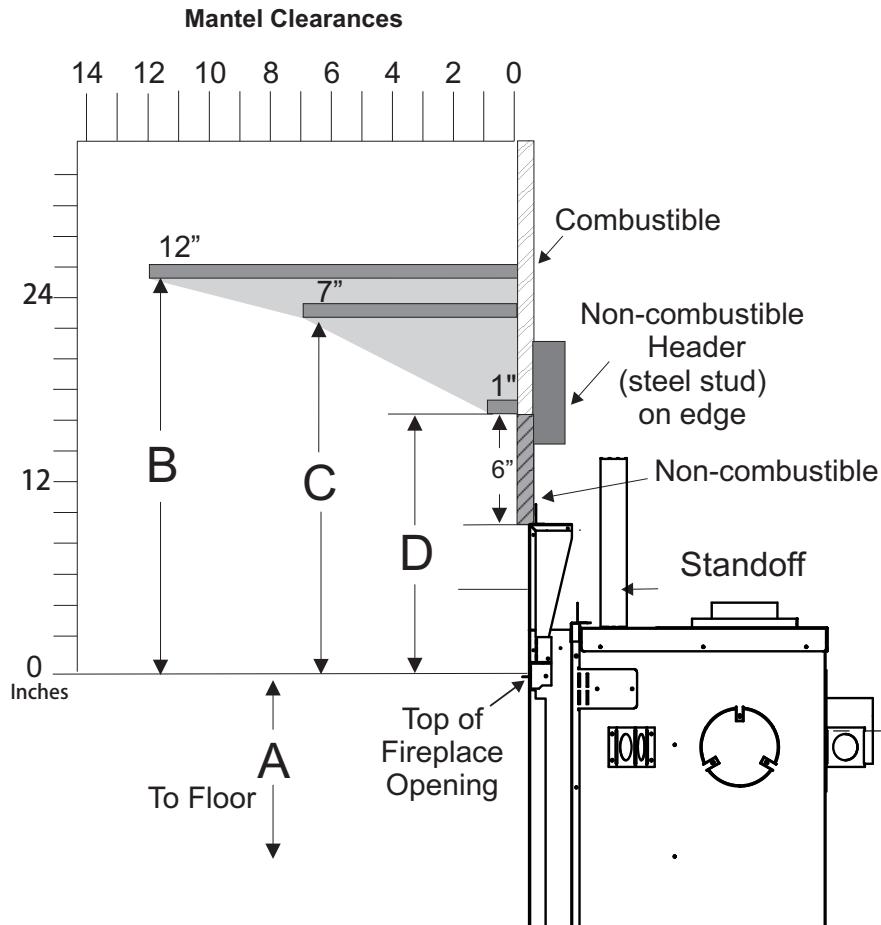
Horizontal Top	3" (76mm)
Horizontal Side	2" (51mm)
Horizontal Bottom	2" (51mm)
Vertical Vent	2" (51mm)

## 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.

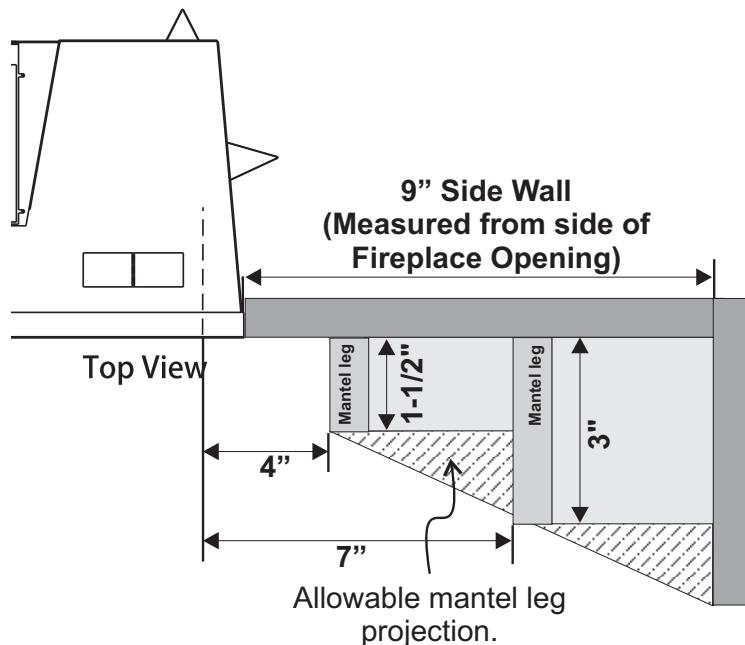
**Note:** A non-combustible mantel may be installed at a lower height if the framing is made of metal studs covered with a non-combustible board.

**Note:** Ensure the paint that is used on the mantel and the facing is "heat resistant" or the paint may discolour.

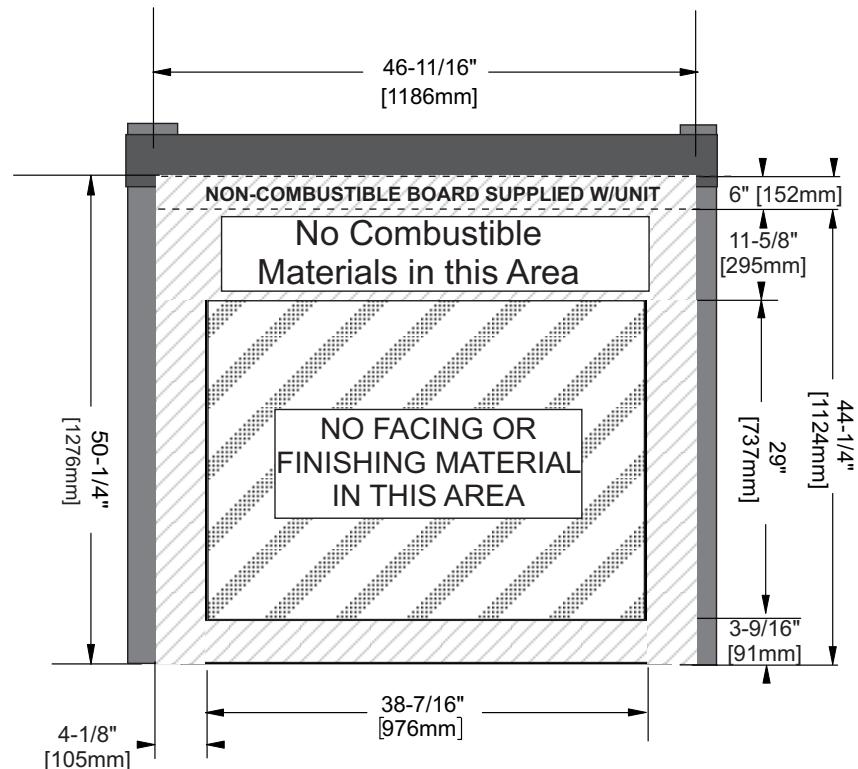


Mantel Clearances B41XT	A	B	C	D
From Top of Fireplace Opening	32-11/16" (830mm)	25-13/16" (656mm)	22-1/16" (560mm)	17-9/16" (446mm)

## MANTEL LEG CLEARANCES



## NON-COMBUSTIBLE REQUIREMENTS



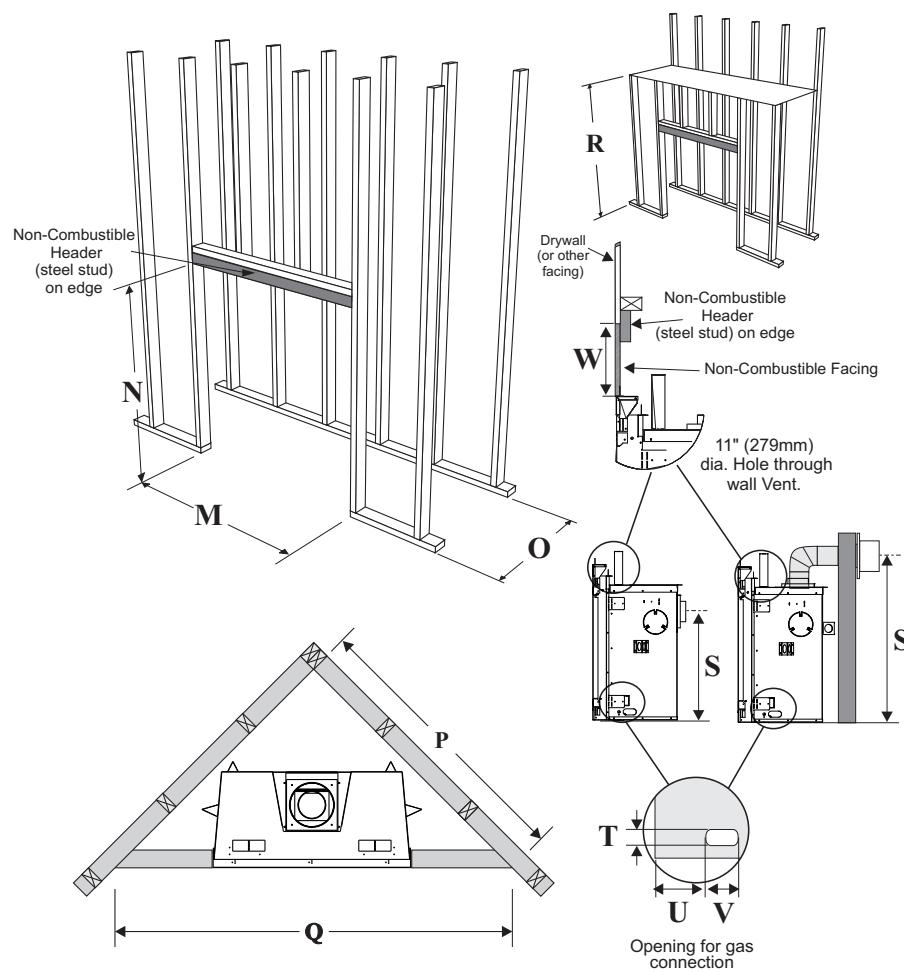
**NOTE:** The 6" x 46-11/16" supplied with the unit is secured directly above the unit as shown above.

\*\*All other non-combustible material is supplied by others.

## FRAMING

Framing Dimensions	Description	B41XTCE
M	Framing Width	47-1/4" (1200mm)
N	Framing Height	49-1/2" (1257mm)
O (Rear Vent)	Framing Depth - Rear Vent	26-1/2" (673mm)
O (Top Vent)	Framing Depth - Top Vent	25-7/8" (657mm)
P	Corner Facing Wall Width	65-1/4" (1657mm)
Q	Corner Facing Wall Width	91-11/16" (2329mm)
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

## FRAMING & FINISHING

- Frame in the enclosure for the unit with framing material.

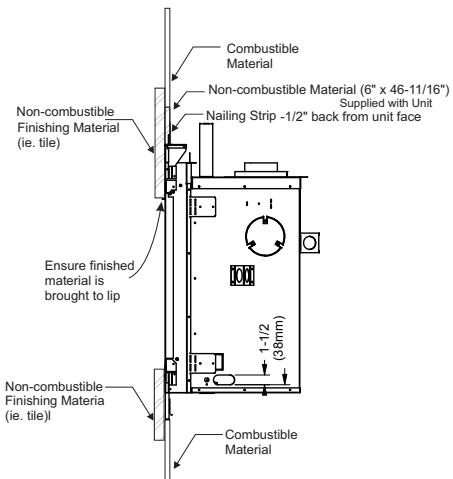
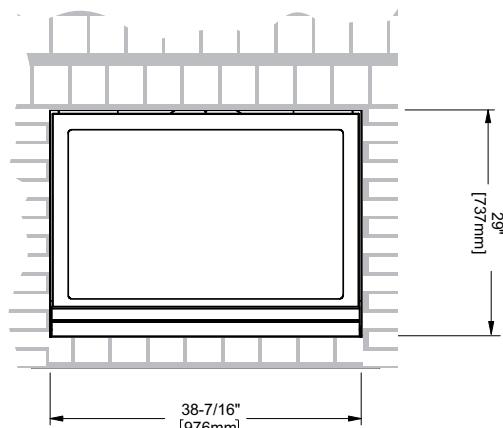
**Note:** When constructing the framed opening, please ensure there is access to install the gas lines when the unit is installed.

- For exterior walls, insulate the enclosure to the same degree as the rest of the house; apply vapour barrier and drywall, as per local installation codes. (Do not insulate the fireplace itself.)

**WARNING:** Failure to insulate and add vapor barriers to the inside of the exterior wall will result in operational and performance problems including, but not limited to: excessive condensation on glass doors, poor flame package, carbon, blue flames etc. These are not product related issues.

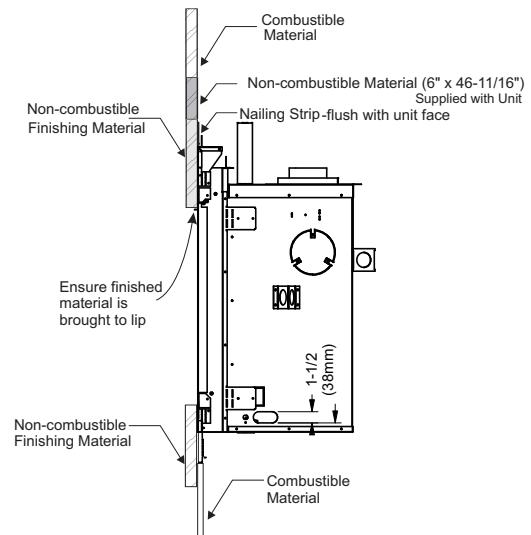
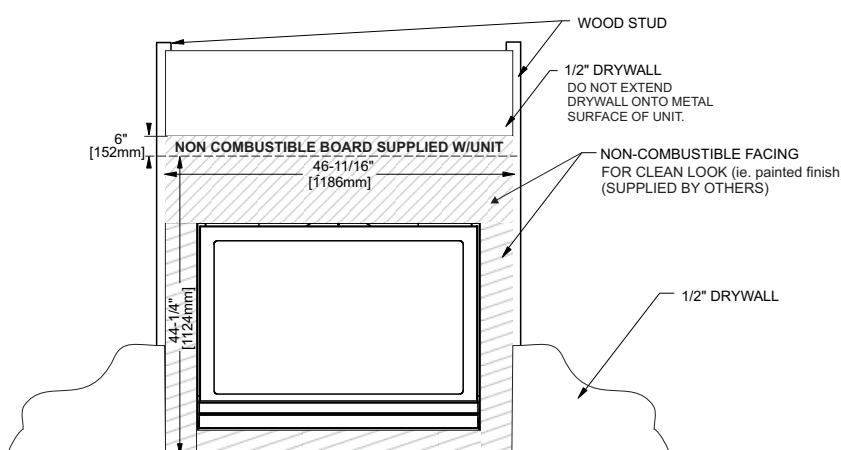
- The unit does not have to be completely enclosed in a chase. You must maintain clearances from the vent to combustible materials: See "Clearances" section. Combustible materials can be laid against the side and back standoffs and the stove base.
- Tile Finish Option 1: Drywall may be installed onto the unit as shown below to create a surface to apply finishing materials such as tile, slate, etc. Drywall cannot extend beyond the metal surface of the unit.
- Tile Finish Option 2: If applying a non-combustible finishing material (tile, slate, etc) the material can be installed directly onto the metal surface (clean front) of the unit in the area shown below.

### TILE FINISH



### CLEAN FINISH

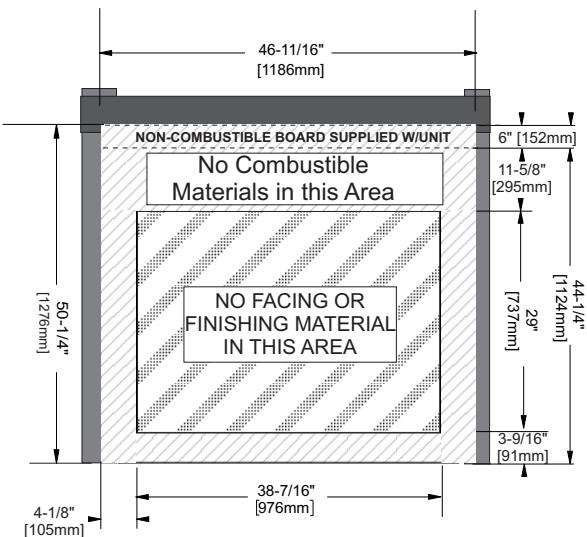
- If applying a non-combustible facing it may be installed over the metal surface (clean front) of the unit in the area shown below.



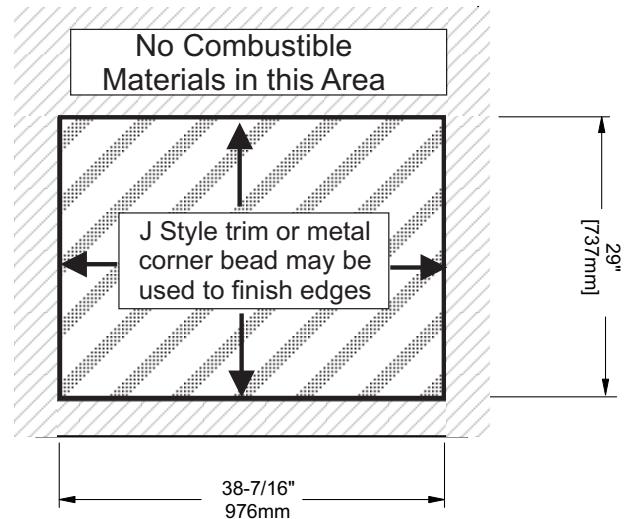
**NOTE:** The 6" x 46-11/16" non combustible material supplied with this unit can be replaced if trying to achieve a clean finish. A large piece of non combustible material (ie. 4' x 8' x 1/2") can be used to eliminate taped seams on or near unit.

7. Non-combustible material (ie. tile, slate, etc) may be brought up to the edge of the glass door of the unit. Minimum clearances must be adhered to, this will assure ease of glass door removal and access to the lower panel.

**NOTE:** Non-combustible finishing materials may be of any thickness desired.



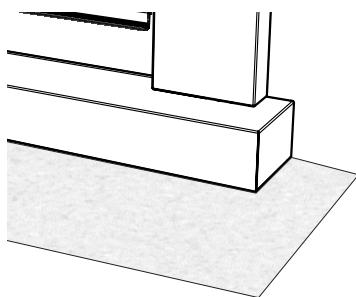
Minimum Clearances for Finishing Materials



Trim materials

### 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, 4 sided faceplate or mantel should be level or higher than the finished hearth height.



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

Rough edges may be visible from an angle.

To maintain a clean finished edge - facing material edges may be finished with a J-style trim or metal cornerbead (both materials available at your local building or hardware store).

**IMPORTANT:** Materials used must be NON-COMBUSTIBLE.

## UNIT ASSEMBLY PRIOR TO INSTALLATION

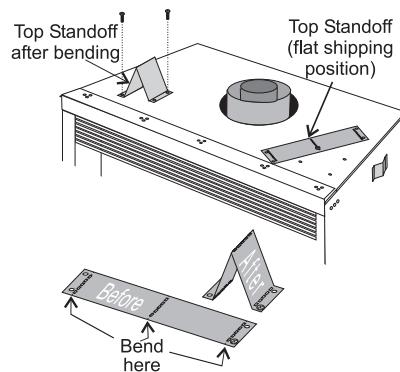
### BEFORE YOU START

The Top Nailing 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

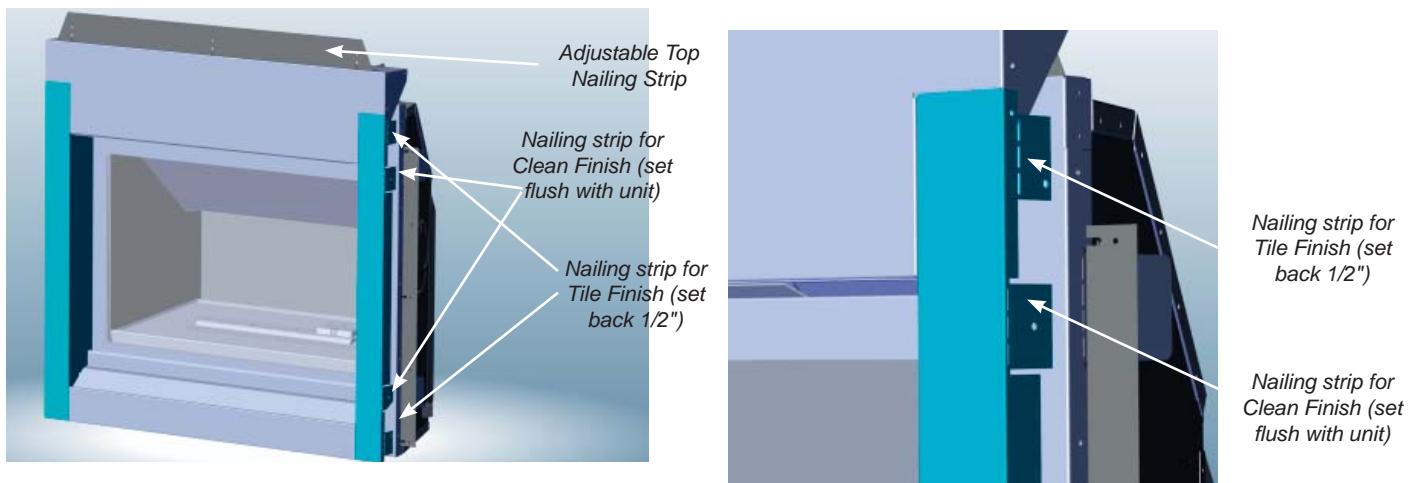
The top standoffs are shipped in a flat position and must be folded into shape and attached.

- 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).



#### NAILING STRIPS

1. There are 8 (eight) side nailing strips and one top nailing strip available on the unit. One set of four (4) are for a clean finish installation, the other set are for a tile finish installation as they are set back 1/2" (13mm). The top nailing strip is adjustable to 1/2" (13mm).
2. Bend the required four (4) nailing strips to 90°.
3. Attach top nailing strip with one (1) screw (located at the back of the nailing strip). Adjust to required position, flush or back 1/2" and tighten screw.



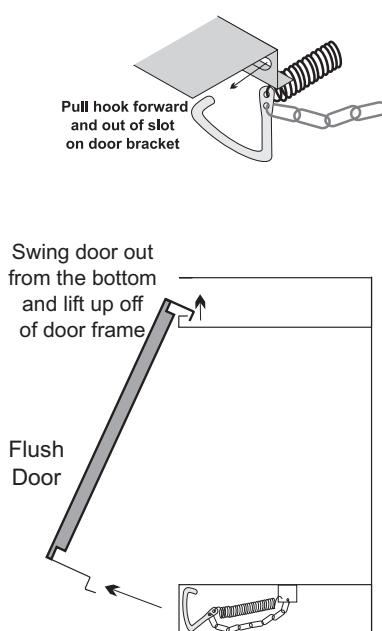
## CONVERSION TO TOP VENT

**Note:** This conversion must be done prior to the unit being placed in position.

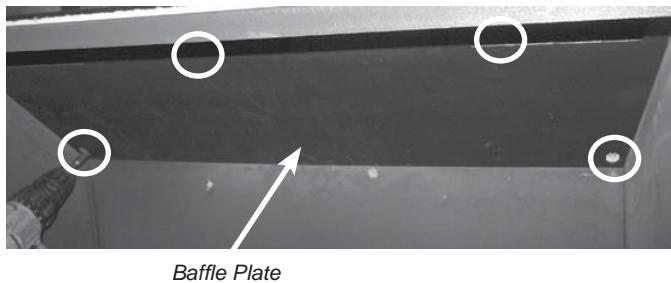
The unit comes equipped as a rear vent unit. These instructions are to be used, only if the unit is going to be top vented.

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.



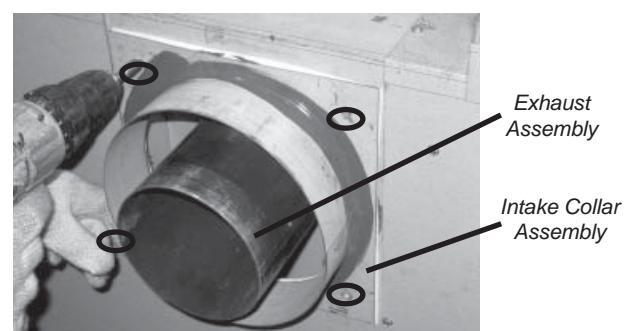
- 2) From inside the firebox, remove the baffle plate by removing 4 screws - remove top front screw first.



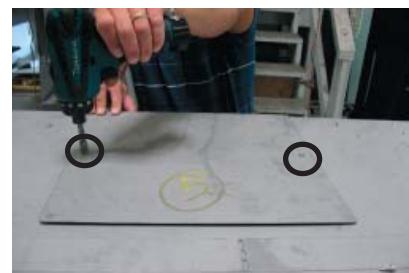
- 3) From the inside of the firebox, remove the exhaust assembly by removing the 10 screws.



- 4) From the outside rear of the firebox, remove the intake collar assembly. Remove the 4 - 1 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.

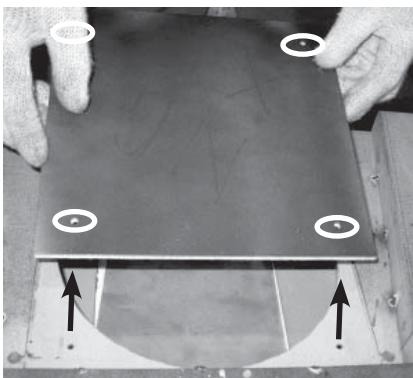


- 6) From the outside top of the firebox - slide the square piece of insulation out and discard.



# INSTALLATION

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



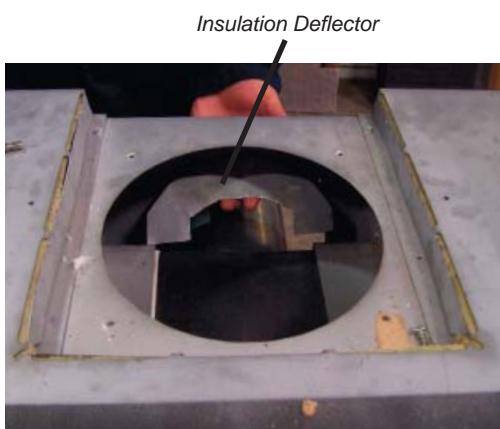
**Before proceeding to Step 8,** inspect condition of all gaskets. DO NOT install parts with damaged gaskets. Replace if necessary with spare gaskets supplied.

- 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.

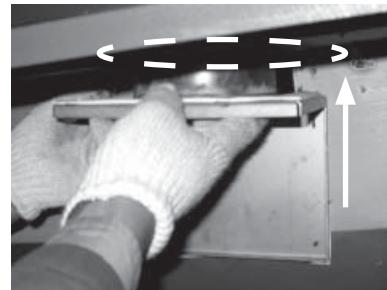
**IMPORTANT:** If the insulation deflector is not bent flat against the back of the firebox this will block air intake which will affect the unit's performance.



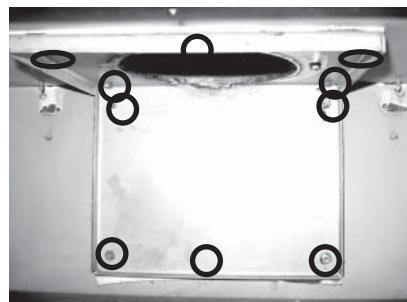
*View Front of Firebox*

- 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.

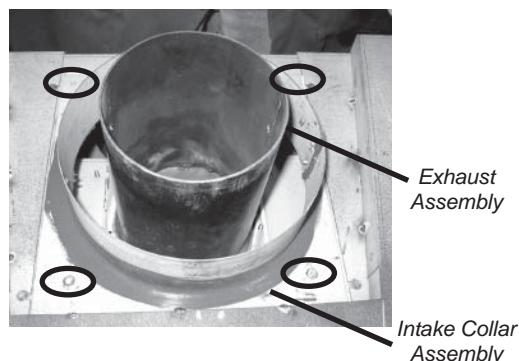
*Diagram 1*



*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.

## VENTING INTRODUCTION

The B41XTCE 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).

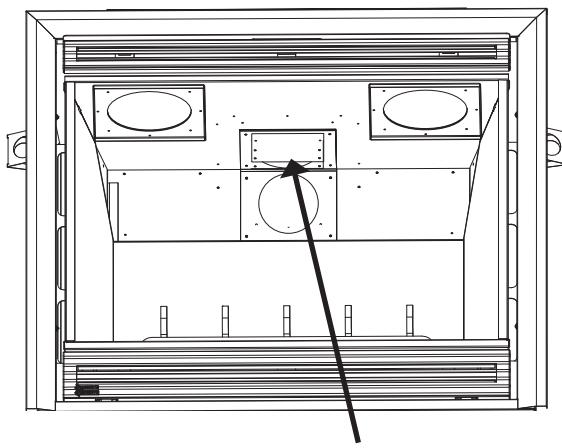
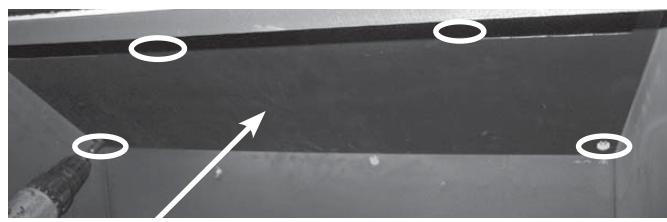


Diagram 2: Vent Restrictor installed on  
Top Exhaust Assembly

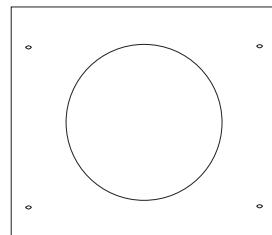
- 6) From **inside** the firebox, install the baffle plate with 4 - 1/4" x 1/2" screws. Ensure all screws are tightly secure, but do not over tighten.



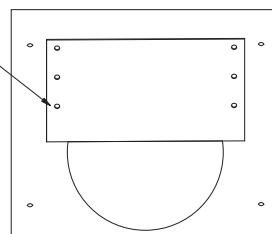
Baffle Plate

Diagram 3

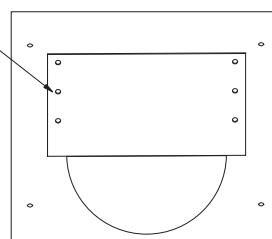
**NO VENT RESTRICTOR**  
*Factory setting*



**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"

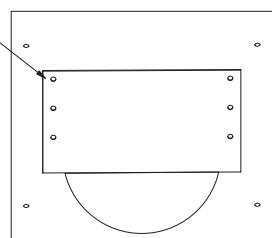
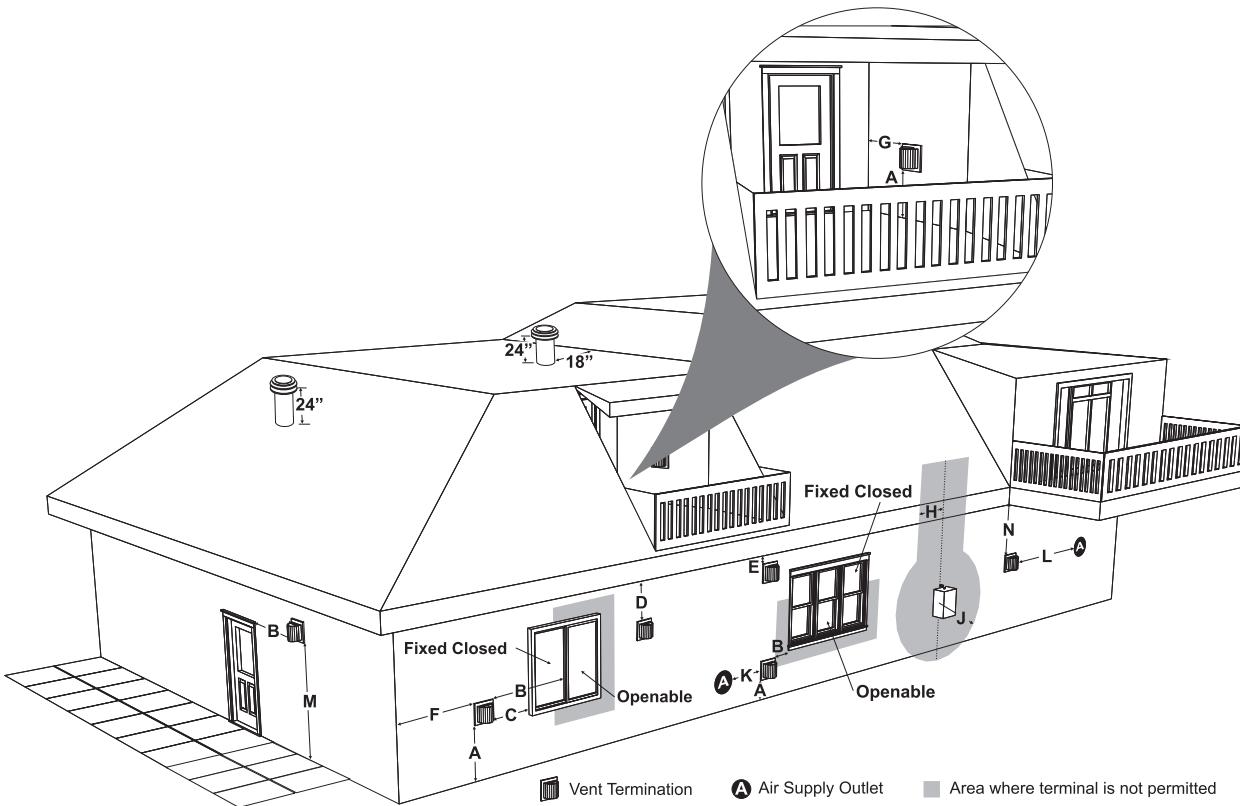


Diagram 1

# INSTALLATION

## EXTERIOR VENT TERMINATION REQUIREMENTS



	Minimum Clearance Requirements	Canada <sup>1</sup>	USA <sup>2</sup>
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) <sup>a</sup>	*
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) <sup>b</sup>
M	Clearance above paved sidewalk or a paved driveway located on public property	84"(2.1m) <sup>†</sup>	*
N	Clearance under veranda, porch, deck, or balcony	12"(30cm) <sup>‡</sup>	*

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

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

<sup>†</sup> A vent shall not terminate directly above a sidewalk or paved driveway which is located between two single family dwellings and serves both dwellings

<sup>‡</sup> 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

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

<sup>b</sup> 3 feet (91cm) above - if within 10 feet (3m) horizontally

## 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

# INSTALLATION

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)	Simpson Direct Vent Pro: <a href="http://www.duravent.com">www.duravent.com</a>
6" (152mm)	8-13/16" (224mm)	18-7/16" (468mm)	Selkirk Direct-Temp: <a href="http://www.selkirkcorp.com">www.selkirkcorp.com</a>
9" (229mm)	10-15/16" (278mm)	20-9/16" (522mm)	Metal-Fab Sure Seal: <a href="http://www.mtlfab.com">www.mtlfab.com</a>
12" (305mm)	13" (330mm)	22-11/16" (576mm)	Industrial Chimney Company: <a href="http://www.icc-rsf.com">www.icc-rsf.com</a>
24" (610mm)	21-7/16" (697mm)	31-1/16" (789mm)	<b>Note:</b> 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.
36" (914mm)	29-13/16" (757mm)	39-7/16" (1002mm)	
48" (1219mm)	38-1/4" (972mm)	47-7/8" (1216mm)	

## VENTING ARRANGEMENTS FOR HORIZONTAL TERMINATIONS

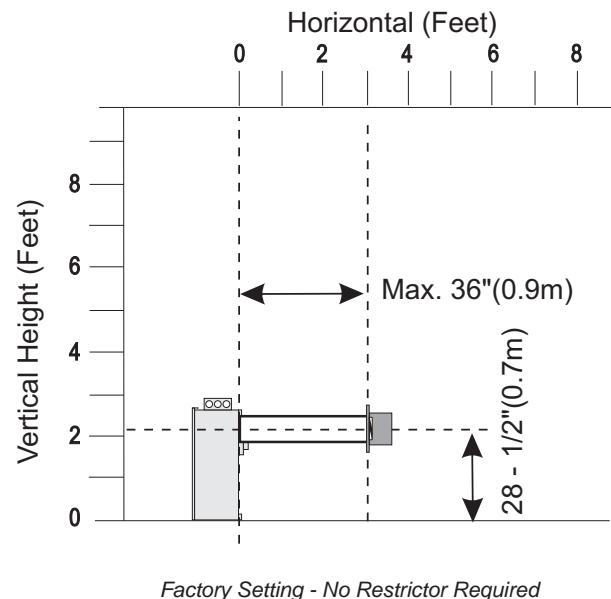
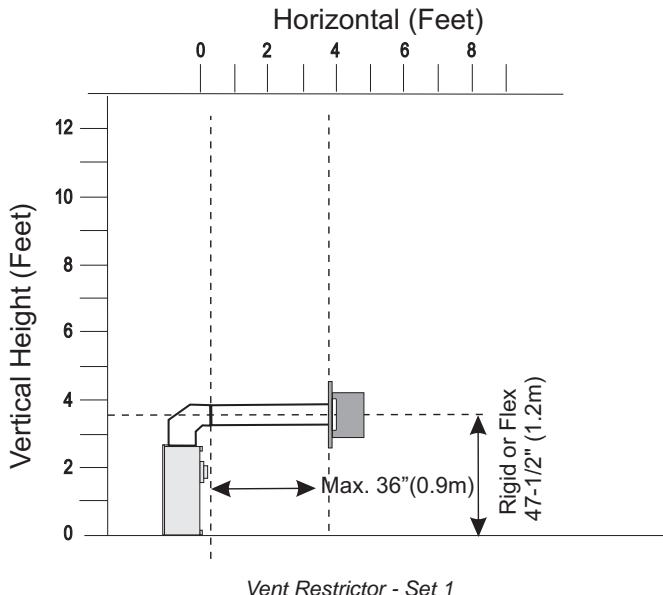
### FLEX VENT OR RIGID PIPE 5" X 8"

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.



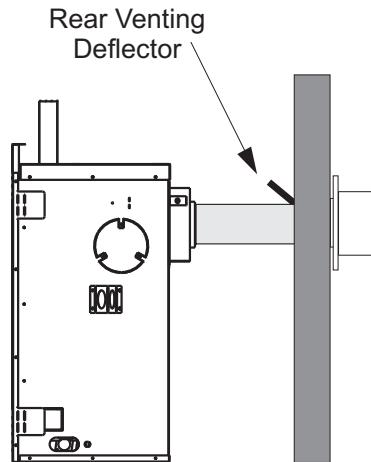
**IMPORTANT**  
Must use Rear Venting Deflector packaged with unit in rear vent horizontal termination applications.

## 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.

- 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.



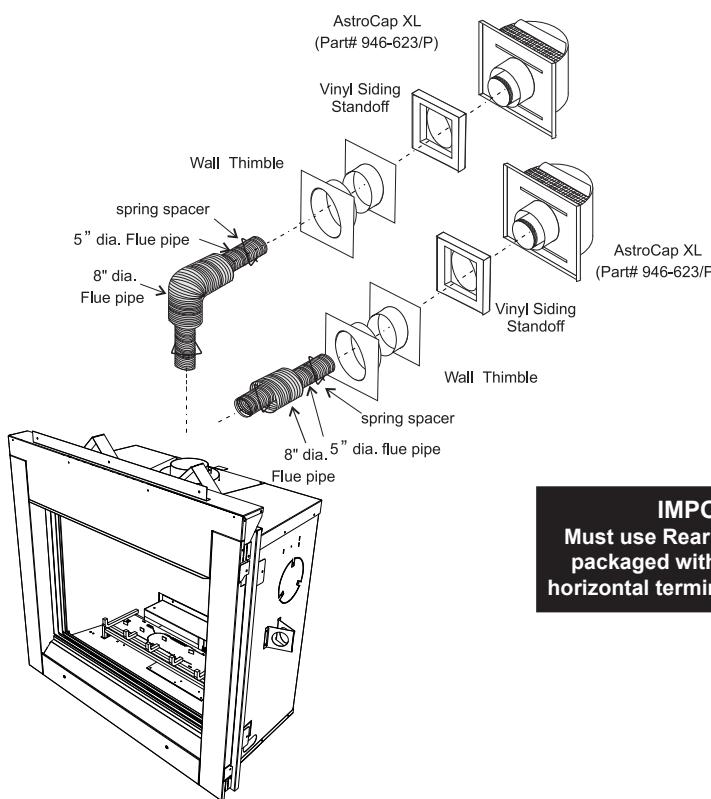
# INSTALLATION

## HORIZONTAL TERMINATIONS FLEX VENT 5" X 8"

These venting systems, in combination with the B41XTCE 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 B41XTCE with either a top or rear vent.**

FPI Kit #	Length	Contains:
#946-615	4 Feet	1) 8" flexible liner (Kit length) 2) 5" flexible liner (Kit length) 3) spring spacers 4) thimble 5) <b>AstroCap XL</b> 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	



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

### Notes:

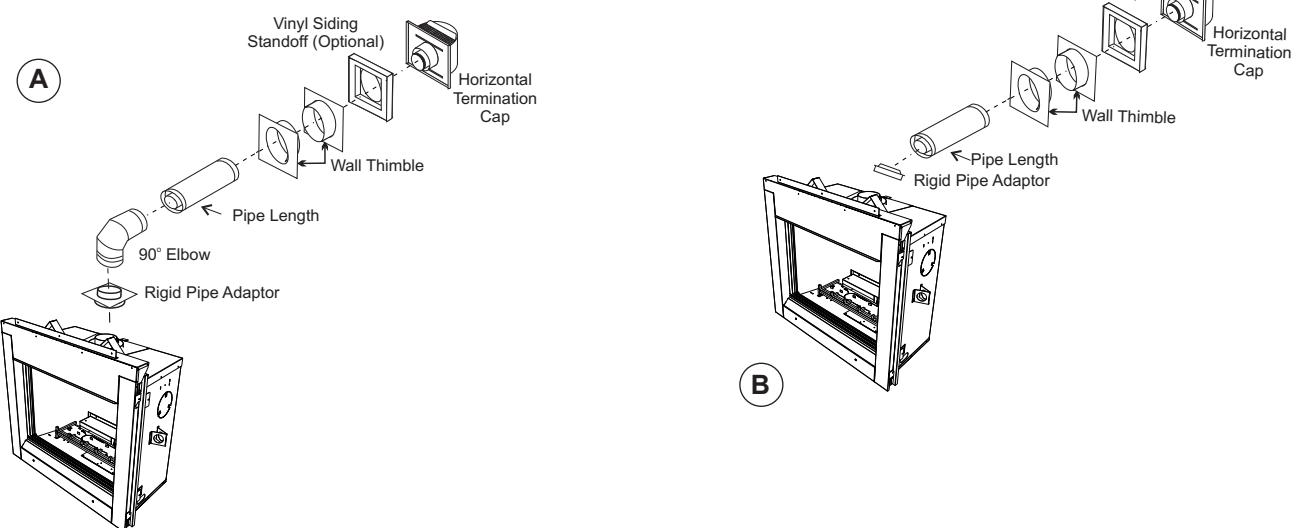
- 1) Liner sections should be continuous without any joints or seams.
- 2) Only Flex pipe purchased from Regency may be used for Flex installations.
- 3) Regency® Direct Vent System (Flex) is only approved for horizontal terminations.

**NOTE: If longer runs are required the FPI Direct Vent system (Flex) #946-616 includes all parts needed to install the B41XTCE with a maximum 10' run.**

## HORIZONTAL TERMINATIONS

RIGID PIPE 5" X 8"

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



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

# INSTALLATION

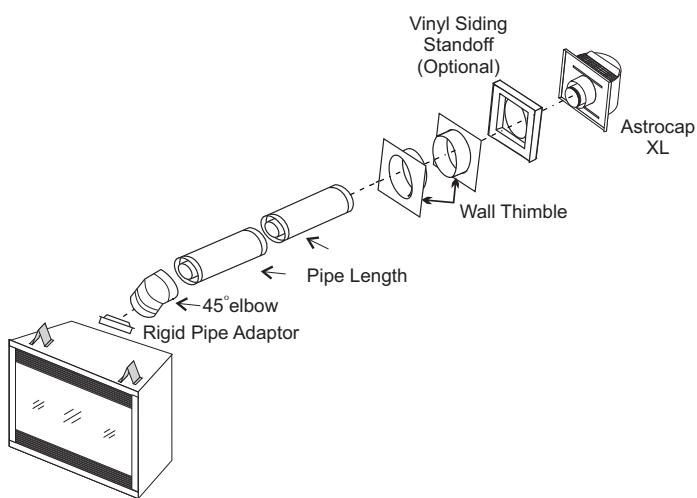
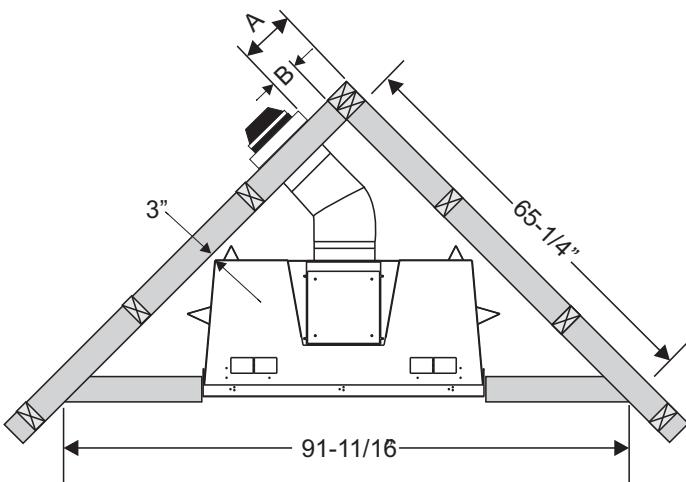
## HORIZONTAL TERMINATIONS

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

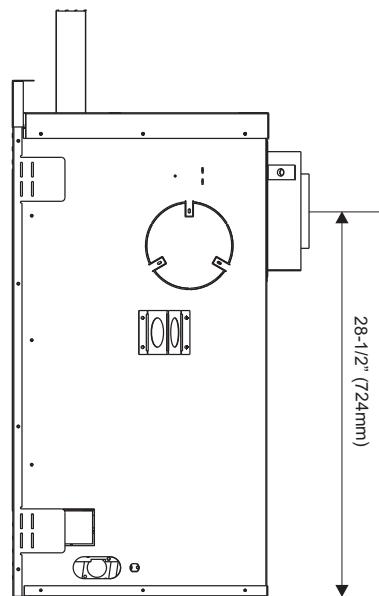
Designed for a minimum vent configuration when using a rear vent application with a horizontal termination in a corner installation.

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	65-1/4"
Across the Face of the Unit, Wall to Wall	91-11/16"
A - Clearance to Outside Corner	13"
B - Clearance to Inside Corner	5-1/2"



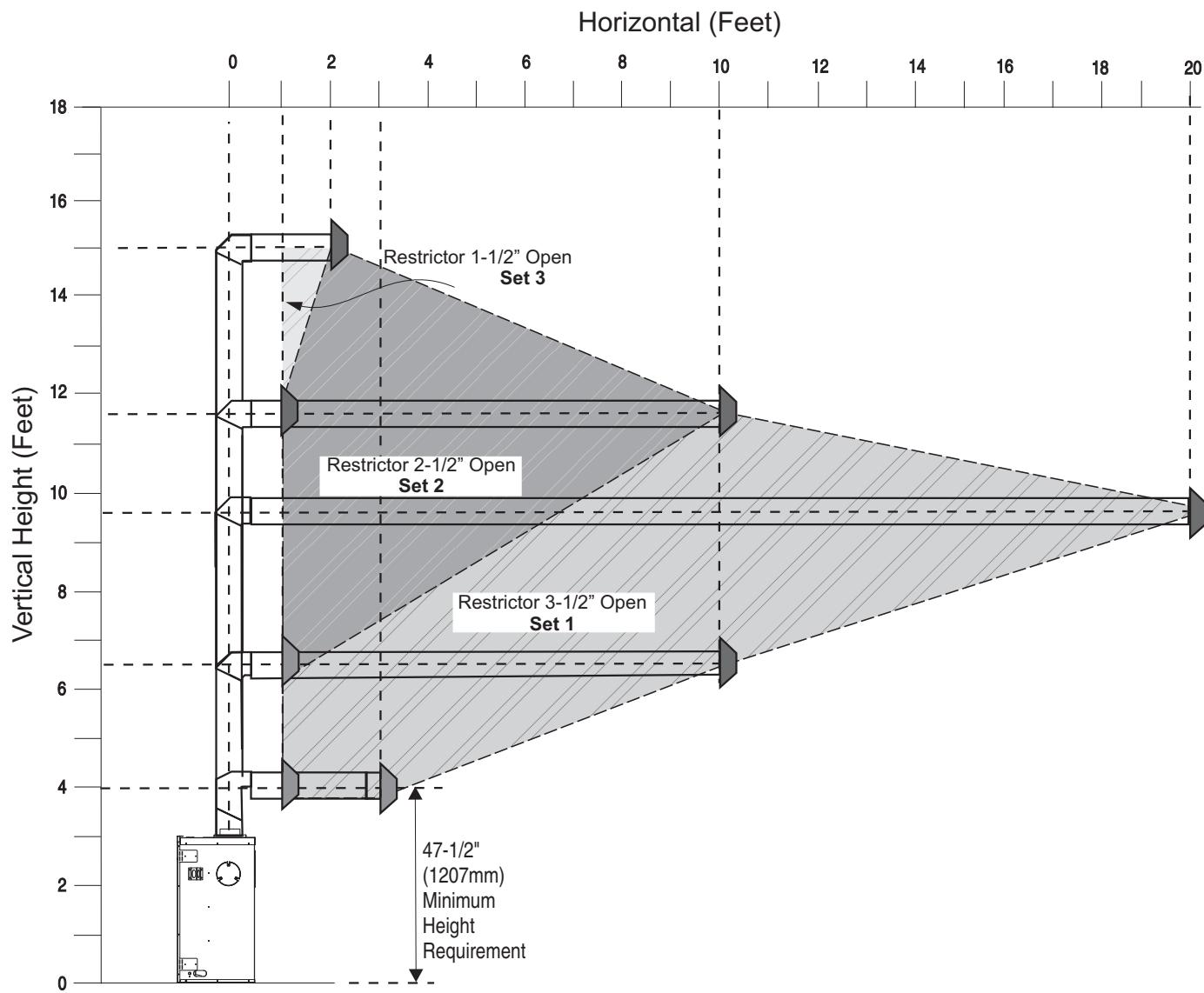
**IMPORTANT**  
Must use Rear Venting Deflector packaged with unit in rear vent horizontal termination applications.



## 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.



# INSTALLATION

## 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.

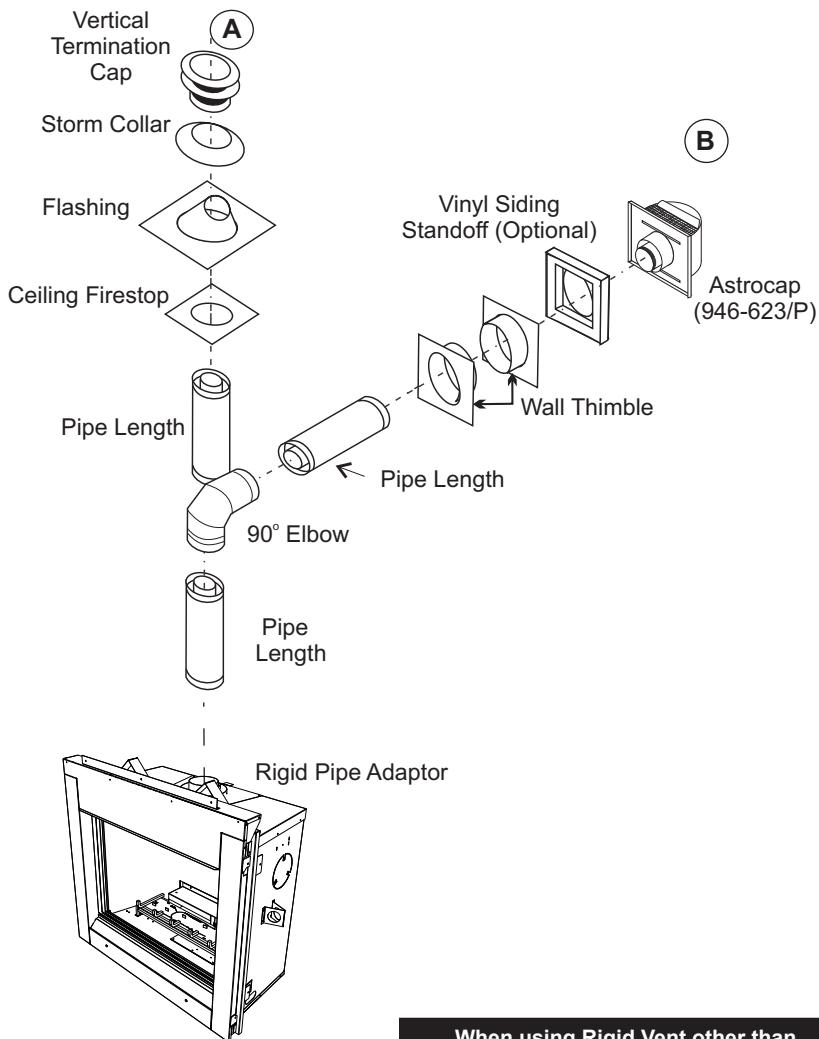
If a Vinyl Siding Standoff is required (it must be used with vinyl siding), measure to outside surface of wall without siding and add 2 inches.

#### **WARNING:**

Do not combine venting components from different venting systems.

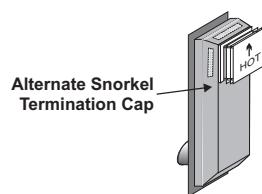
Exception: However, use of the the AstroCap XL™ is acceptable with all systems.

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.



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

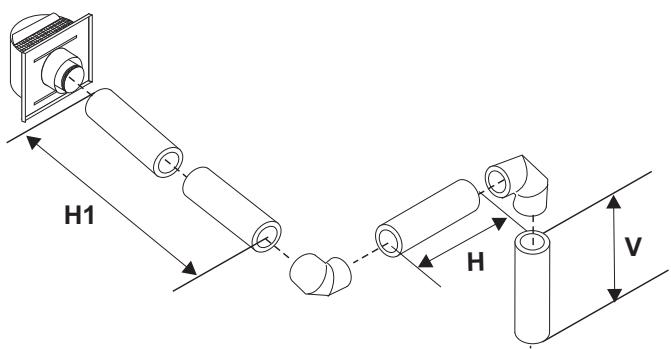
#### **Alternate Horizontal Termination Caps**



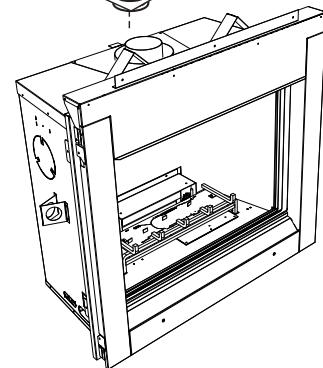
The FPI AstroCap XL™ is certified for installations using FPI venting systems as well as Simpson Dura-Vent® Direct Vent Pro, ICC Excel and Selkirk Direct-Temp. AstroCap XL™ is a proprietary trademark of FPI Fireplace Products International Ltd. Dura-Vent® and Direct Vent are registered and/or proprietary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

**HORIZONTAL TERMINATIONS**

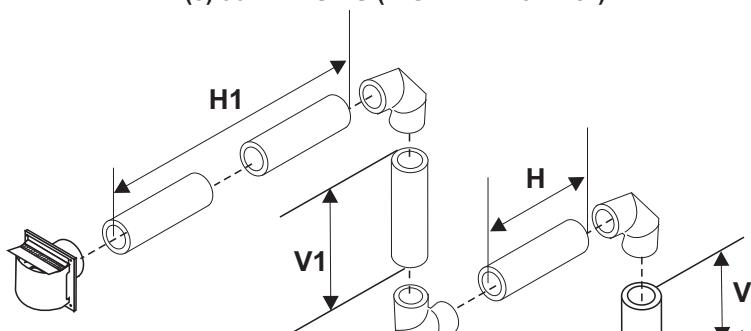
TWO (2) 90° ELBOWS (RIGID PIPE 5" X 8")



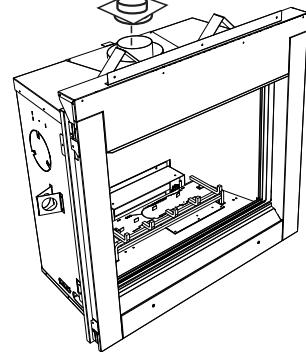
One 90° elbow = Two 45° elbows.				
Option	V	H + H1		
A)	0' Min.	2' Max.	With these options, maximum total pipe length is 30 feet with minimum of 6 feet total vertical and maximum 8 feet total horizontal. <i>Please note minimum 1 foot between 90° elbows is required.</i>	
B)	1' Min.	3' Max.		
C)	2' Min.	4' Max.		
D)	3' Min.	5' Max.		
E)	4' Min.	6' Max.		
F)	5' Min.	7' Max.		
G)	6' Min.	8' Max.		
<b>No Vent Restrictor Installed</b>				
Lengths do not include elbow indicated.				
Must use rigid pipe adaptor #770-994.				

**HORIZONTAL TERMINATIONS**

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

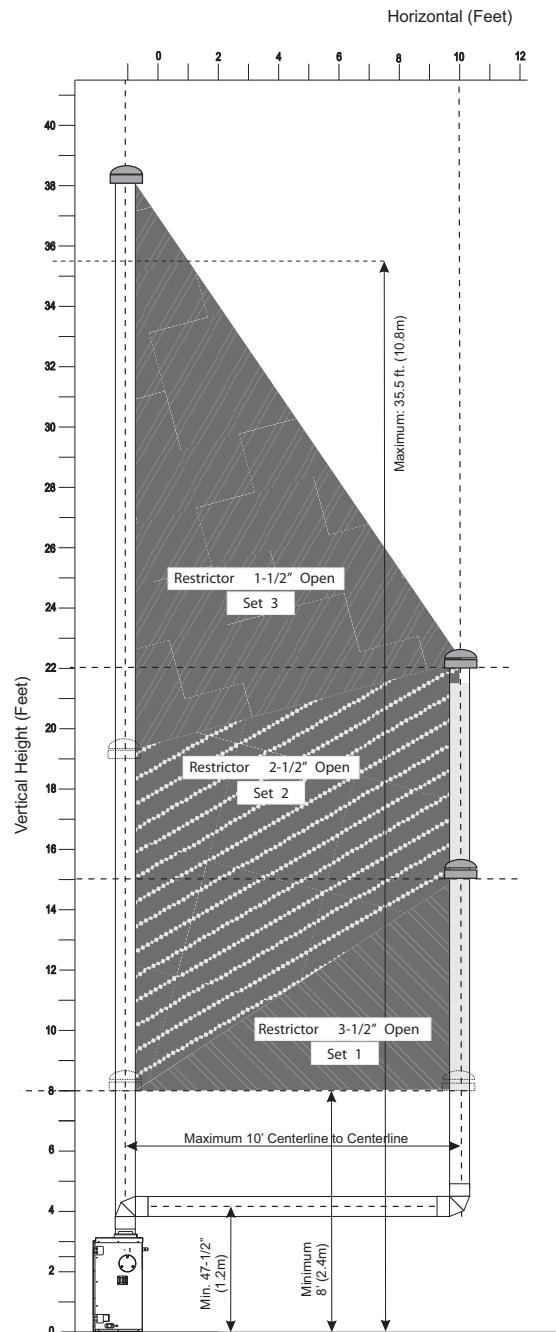


One 90° elbow = Two 45° elbows.						
Option	V	H	V + V1	H + H1		
A)	0' Min.	1' Max.	1' Min.	2' Max.	With these options, maximum total pipe length is 30 feet with minimum of 6 feet total vertical and maximum 8 feet total horizontal. <i>Please note minimum 1 foot between 90° elbows is required.</i>	
B)	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.		
<b>No Vent Restrictor Installed</b>						
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).

## VERTICAL TERMINATIONS

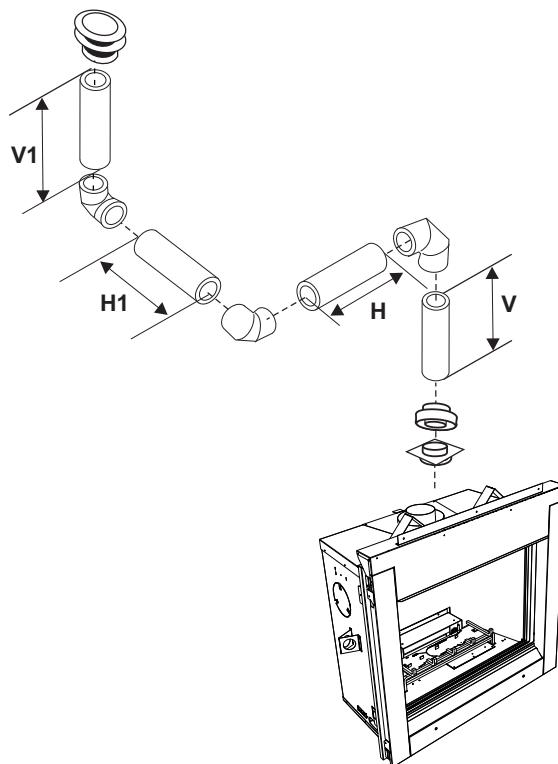
THREE (3) 90° ELBOWS (RIGID PIPE 5" X 8")

<i>One 90° elbow = Two 45° elbows.</i>				
Option	V	V + V1	H + H1	
A)	0' Min.	2' Min.	2' Max.	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>
B)	1' Min.	3' Min.	2' Max.	
C)	2' Min.	4' Min.	3' Max.	
D)	3' Min.	6' Min.	4' Max.	
E)	4' Min.	7' Min.	5' Max.	
F)	5' Min.	8' Min.	6' Max.	
G)	6' Min.	9' Min.	7' Max.	
H)	7' Min	10' Min.	8' Max.	

**No Vent Restrictor Installed**

Lengths do not include elbow indicated.

Must use rigid pipe adaptor #770-994



# INSTALLATION

## 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.

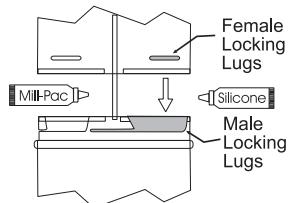


Diagram 1

- 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.

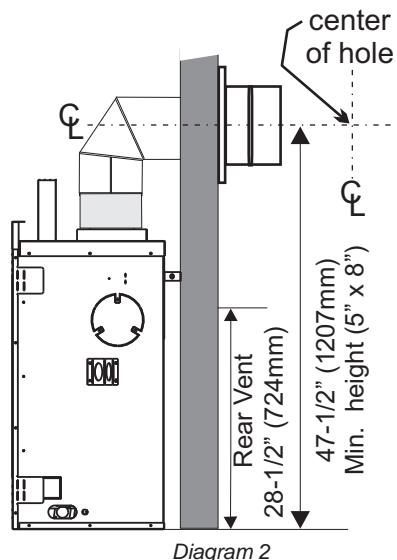
**Horizontal runs of vent must be supported every 3 feet (0.9meter). Wall straps are available for this purpose.**

- 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:

- 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.
- 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.



**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.

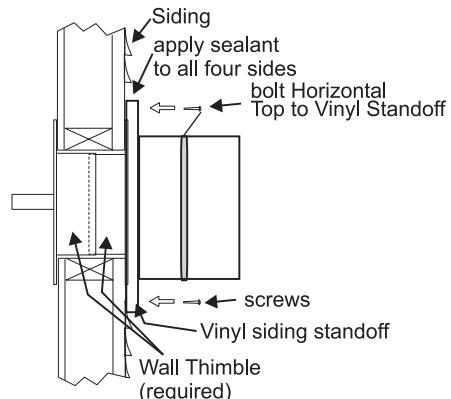


Diagram 5

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).

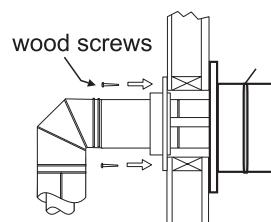


Diagram 7

## 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).

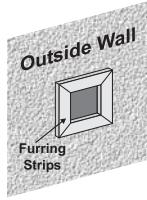
Horizontal Top	3" (76mm)
Horizontal Side	2" (51mm)
Horizontal Bottom	2" (51mm)
Vertical Vent	2" (51mm)

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"

- 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.



- Level the fireplace and fasten it to the framing using nails or screws through the nailing strips.
- 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 flue 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).

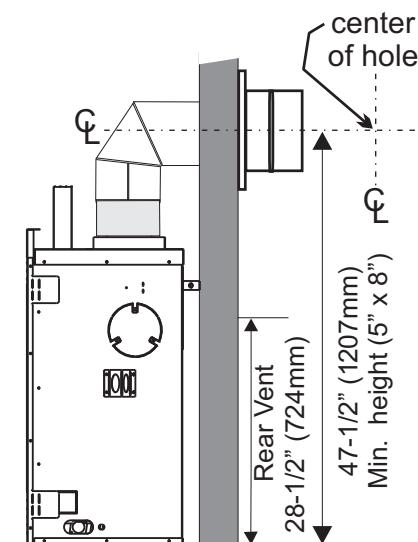
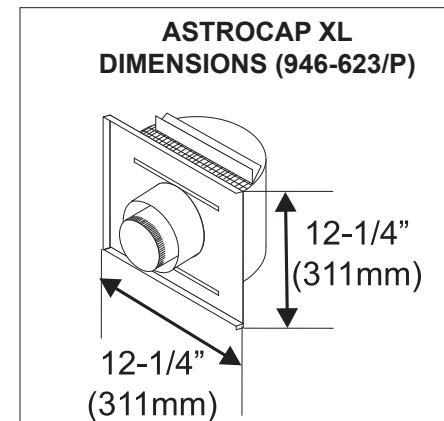
- Separate the 2 halves of the wall thimble and securely fasten the one with the tabs to the outside wall making sure that the tabs are on top and bottom. Fasten the other thimble half to the inside wall. The thimble halves slip inside each other and can be adjusted for 2 x 4 or 2 x 6 walls.

- 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.

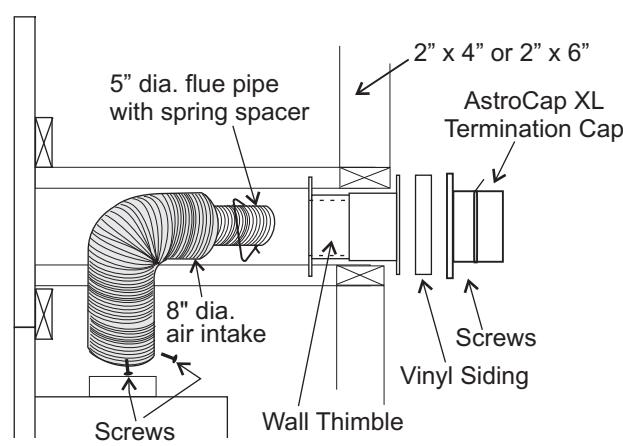
- Pull the centre inner and outer flex liner out enough to slip over the flue collars of the fireplace. (You may wish to cut the liner shorter to make it more workable.) Do not bend liner more than 90°. **The liners must slip over the collars a minimum of 1-3/8".**

- Apply Mill Pac over the fireplace inner flue collar and slip the inner flex liner down over it and attach with 3 supplied screws.
- Do the same with the outer flue collar and outer flex liner.
- 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.



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



# INSTALLATION

## 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.

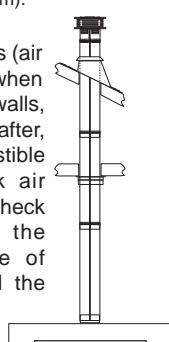


Diagram 1

- 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.

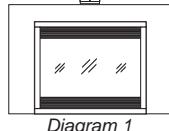


Diagram 2

- 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.

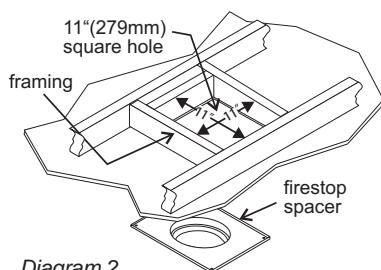
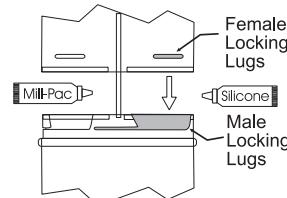


Diagram 2

- 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.

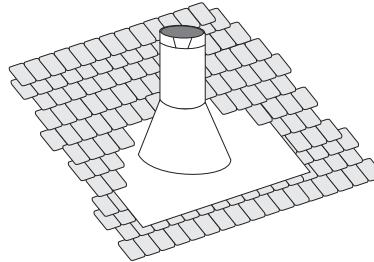


Diagram 3: The upper half of the flashing is installed under the roofing material and not nailed down until the chimney is installed. This allows for small adjustments.

- 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.

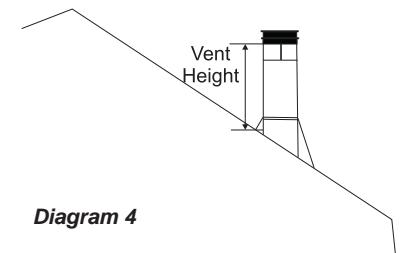


Diagram 4

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 rails, 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.

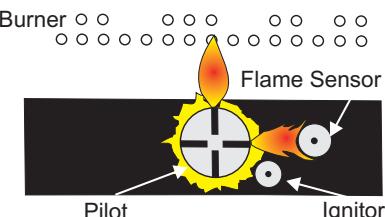
For USA installations follow local codes and/or the current National Fuel Gas Code, ANSI Z223.1.

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.

## PILOT ADJUSTMENT

Periodically check the pilot flames. Correct flame pattern has two strong blue flames: 1 flowing around the flame sensor 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 Regency® dealer for further instructions.

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

## 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.

B41XTCE -NG System Data	
For 0 to 4500 feet altitude	
<b>Burner Inlet Orifice Sizes:</b>	#30
<b>Max. Input Rating</b>	42,500 Btu/h
<b>Min. Input Rating</b>	30,000 Btu/h
<b>Supply Pressure</b>	min.5.0" w.c.
<b>Manifold Pressure (High)</b>	3.5"+/- 0.2" w.c.
<b>Manifold Pressure (Low)</b>	1.6"+/- 0.2" w.c.

B41XTCE - LP System Data	
For 0 to 4500 feet altitude	
<b>Burner Inlet Orifice Sizes:</b>	#49
<b>Max. Input Rating</b>	37,500 Btu/h
<b>Min. Input Rating</b>	29,500 Btu/h
<b>Supply Pressure</b>	min.11.0" w.c.
<b>Manifold Pressure (High)</b>	10"+/- 0.2"w.c.
<b>Manifold Pressure (Low)</b>	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.

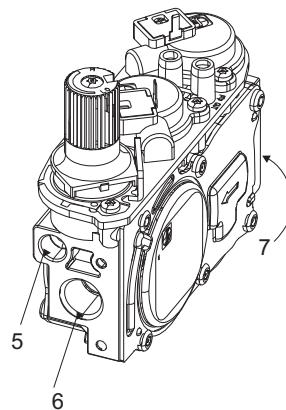
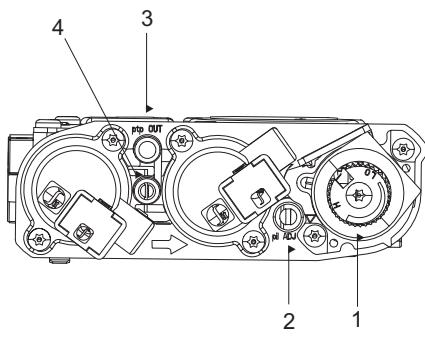
The manifold pressure is controlled by a regulator built into the gas control, and should be checked at the pressure test point.

**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.**

## 886 S.I.T. VALVE DESCRIPTION

- 1) Manual high/low adjustment
- 2) Pilot adjustment
- 3) Outlet Pressure Tap
- 4) Inlet Pressure Tap
- 5) Pilot Outlet
- 6) Main Gas Outlet
- 7) Main Gas Inlet



# INSTALLATION

## BRICK PANEL INSTALLATION

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

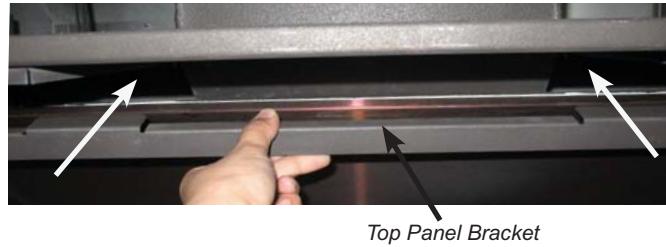
**Dangerous operating conditions may occur if the panels are not installed or if installed with broken panels.  
Handle with care. DO NOT FORCE INTO POSITION.**

- 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.



- 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.



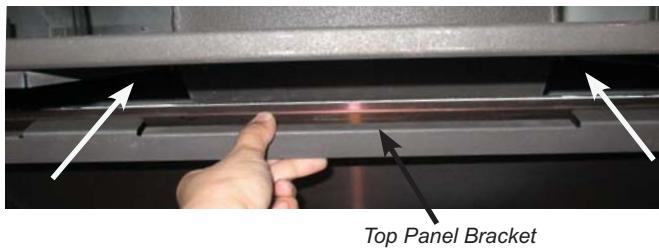
## OPTIONAL BLACK ENAMEL PANEL INSTALLATION

Black Enamel Panels
• 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.
• Black Enamel panels will discolor a little during normal operation. This is normal and should not be considered a defect.
<b>* All hand and finger marks <b>MUST</b> 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.</b>

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

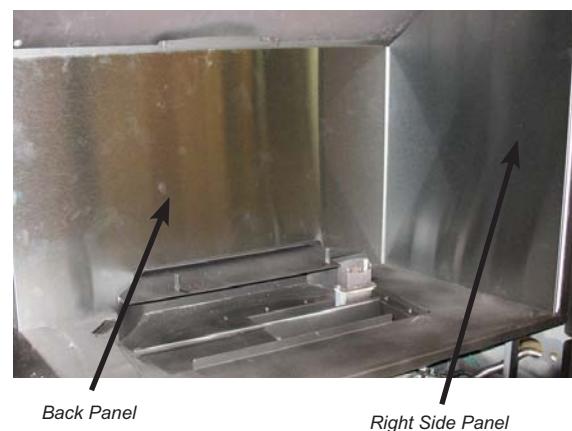


- Prior to installation of the reflective panels, remove the top panel bracket currently fitted into the baffle opening on the inside top of the firebox. See diagram below.



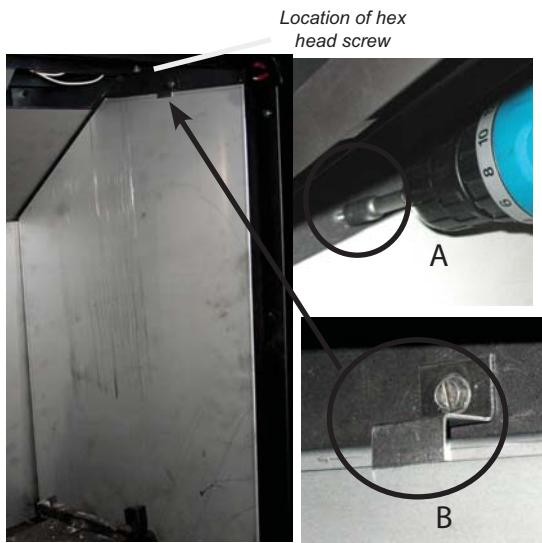
- Install the back stainless panel first - be careful not to scratch the panel on the burner or log tray when installing. Ensure the back panel is centered when installed.

- Install the right side panel - secure with panel clip and 1 screw. See step 3.



# 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.



- 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.

*Top panel bracket shown installed  
with Stainless Steel Panels*



## LOG SET INSTALLATION

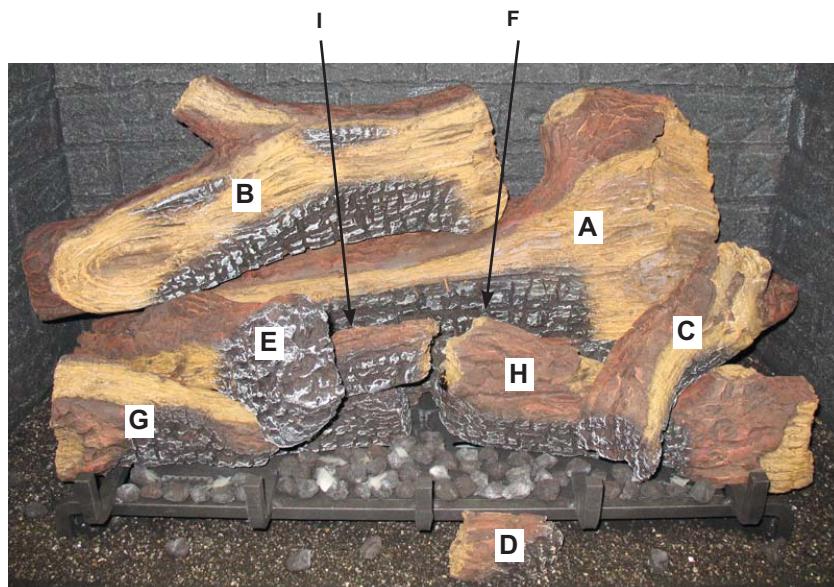
Installation of Brick or Stainless Steel / Black Enamel Panels must be completed before installing the log set.

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/packaged manual)

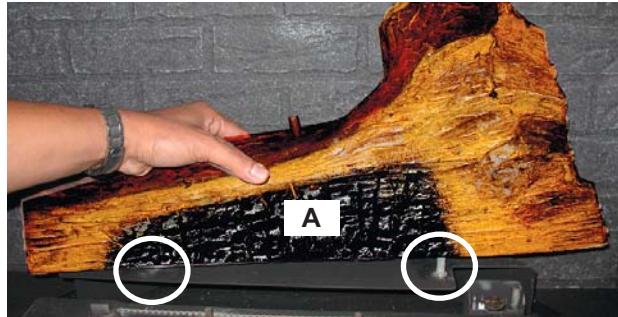


1) Carefully remove the logs from the packaging and unwrap them. The logs are fragile, handle with care - **do not force into position**.

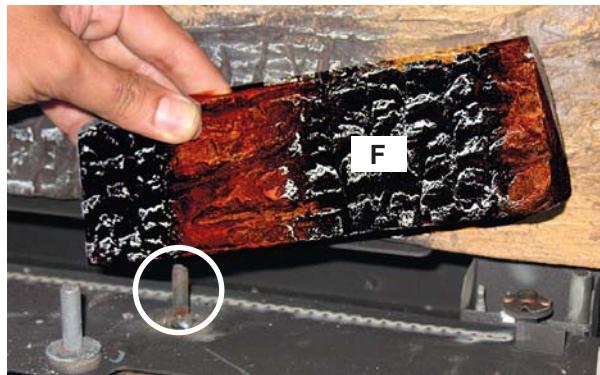
2) Spread vermiculite along the base of the firebox.



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.

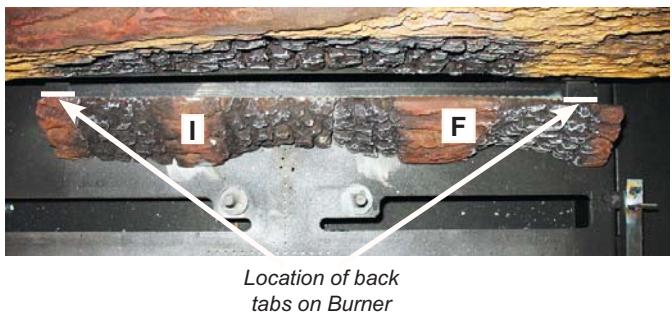


# INSTALLATION

- 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.



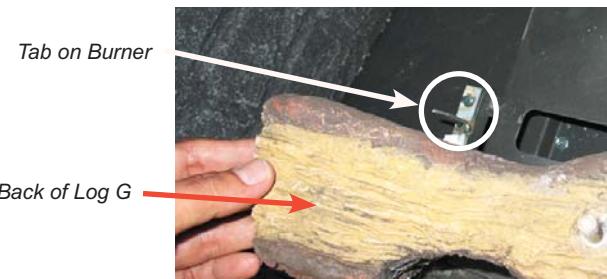
- 6) When Log F and I are in position - make sure they positioned all the way back and touch the tabs on the burner as shown below.



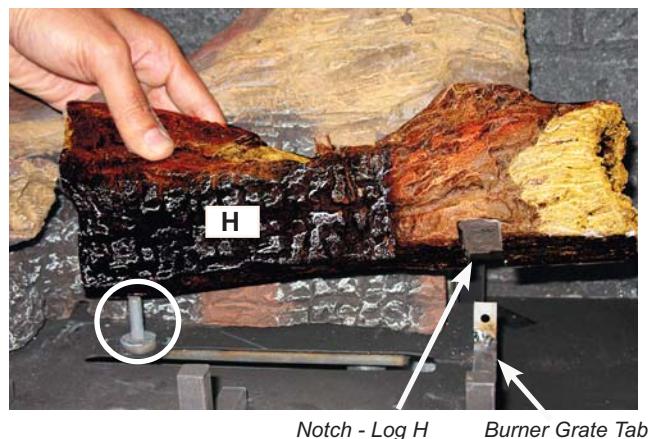
- 7) Place Log G on the left front side of the burner in front of log I. Position Log G so it fits into the pin on the burner as shown below.



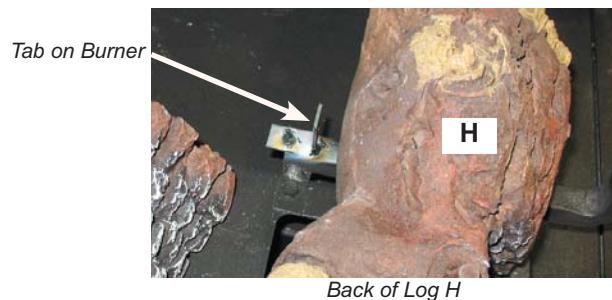
- 8) Slide the left side of Log G back until it touches the tab on the burner shown below.



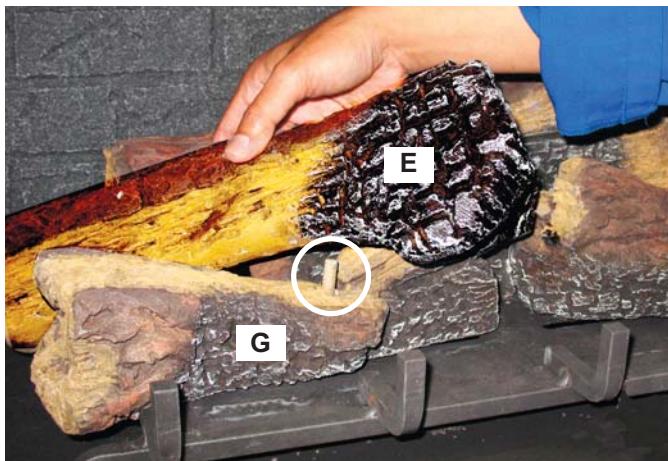
- 9) Place Log H on the right front side of the burner in front of log F. Position Log G so it fits into the pin on the burner as shown below. There is a notch on the bottom of log H - position the log so the notch fits over the 5th burner grate tab as shown below.



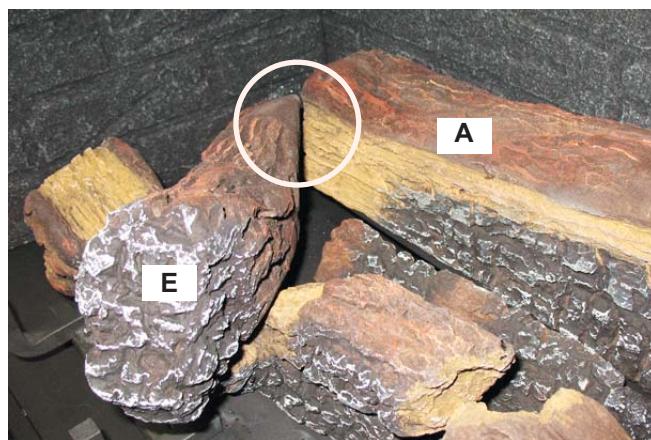
- 10) Slide the right side of Log H back until it touches the tab on the burner shown below.



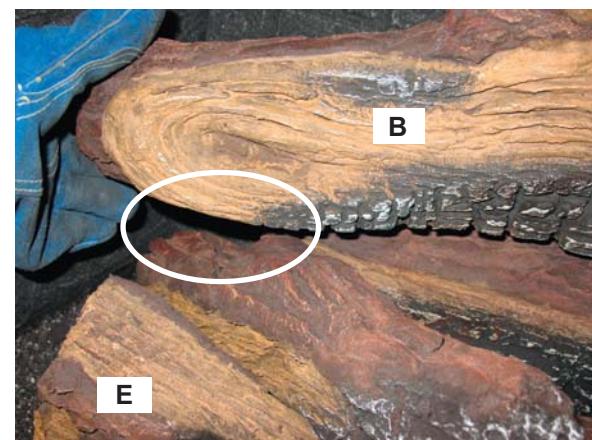
**11)** Position Log E on top of Log G - fit Log E into the pin on Log G as shown below.



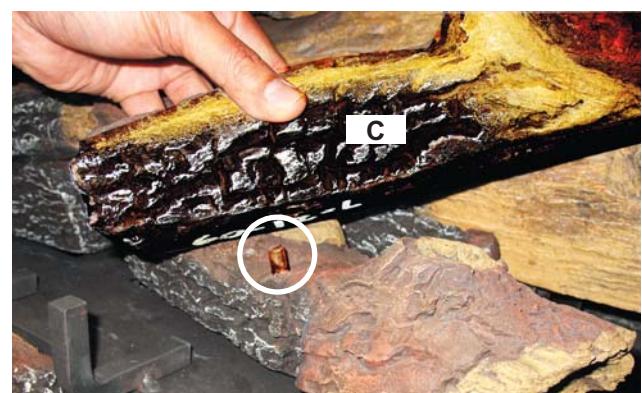
**12)** With Log E in position on Log G - ensure that Log E touches the back corner of Log A as shown below.



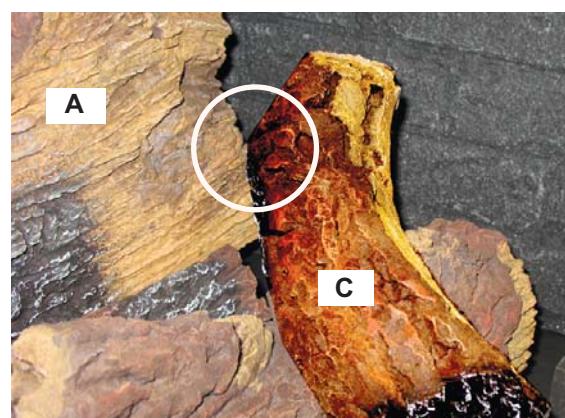
**13)** Position Log B on top of Log A. Log B fits into the pin in Log A. Ensure Log B sits upright 90 degrees with the left side of the log resting on the notch in Log E. See next 2 diagrams.



**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.



# INSTALLATION

- 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.

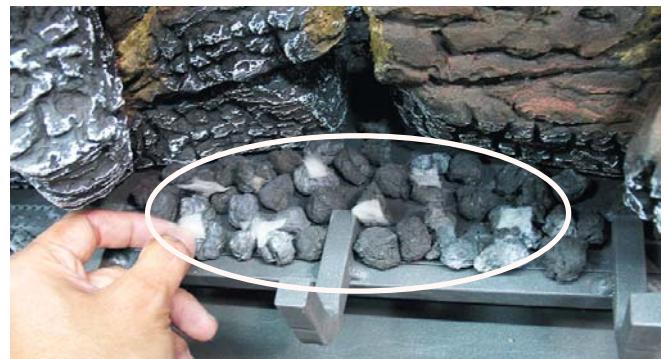


**Note:** Extra lava rocks can be placed on the vermiculite on the floor of the firebox - see below.



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.

## OPTIONAL FAN INSTALLATION

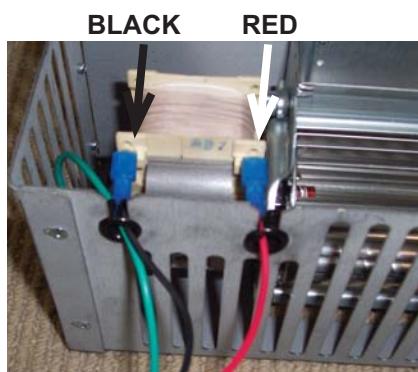
Important: 120 Volt AC power is needed for the fan switch and blower. The receptacle box will be installed on the left hand side of the unit and must be wired by a qualified electrician prior to fan assembly being installed. The neutral(wider) slot of the polarized receptacle should be at the top.

**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.

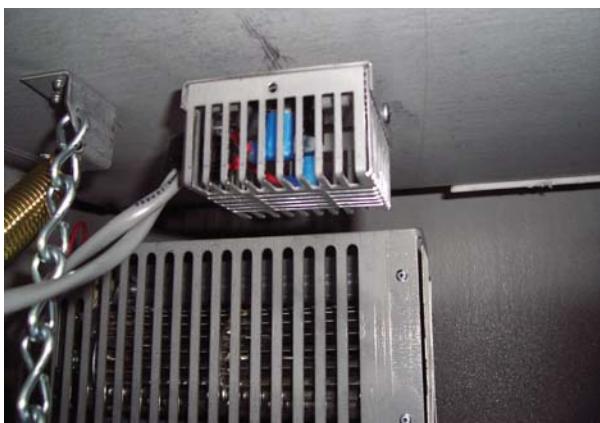
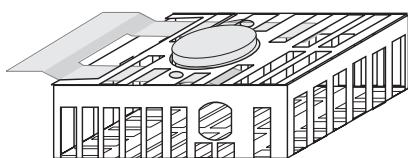
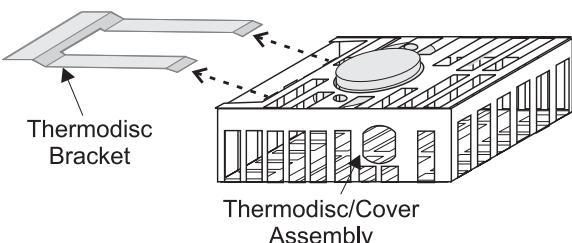


- 8) Connect and secure fan ground cable to ground lug.



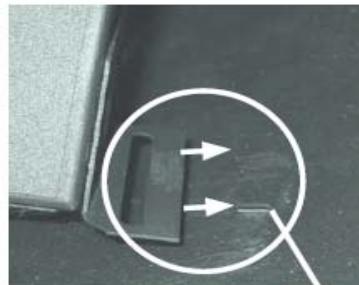
# INSTALLATION

- 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 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.

## 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

<b>Recommended Maximum Lead Length (Two-Wire) When Using Wall Thermostat (CP-2 System)</b>	
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.
- 2) Connect the two wires to the gas valve. See wiring diagrams. Optional wall switch GT/GTM/GTMF using wire 0.584.907

**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.

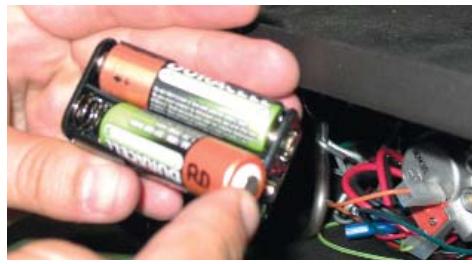
**Note:** We recommend a maximum of 10' of wire but if you wish to go with a longer run, use the Thermostat Wire Table.

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

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

## BATTERY INSTALLATION

- 1) 4 AA batteries must be installed in the battery pack to operate the burner switch.
- 2) Install 2 AA batteries per side and connect as shown below. The battery pack will be located near the gas controls at the base of the unit.



## 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) <sup>1</sup>			X <sup>1</sup>	X <sup>1</sup>
Smart Thermostat			X	X
Fan Speed Control (6 Levels)				X
On/Off Auxiliary 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 2 ~ FPI Proflame Remote Controls come standard with white wall mount switch & cover plate.

## GT REMOTE INSTALLATION

- 1) Shut off the gas supply and disconnect all power to the unit.
- 2) Remove the louvers, bay door or faceplate if installed.
- 3) Disconnect battery pack - located on the floor of the unit, as shown below and discard.



- 4) Remove DFC (digital firebox control box) from the floor of the unit.

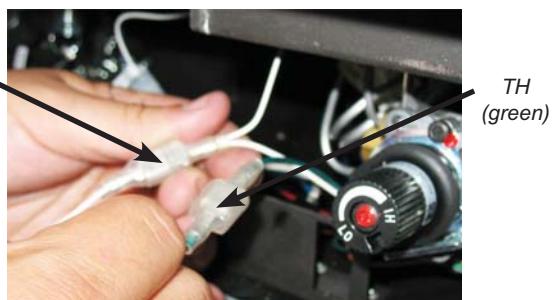


- 5) Disconnect wire harness, ground wire and spark wire from DFC. See attached wiring diagram for details.



- 6) Identify wires in the GT remote wiring harness. (see wiring diagram.)

- 7) Connect the TPTH and TH wires - green to green and white to white as shown below. See attached wiring diagram for details.



- 8) Plug in receiver DC supply wire - as shown below.



- 9) Install 4 - AA batteries into the receiver, ensure correct polarity.



- 10) Plug receiver wires into the back of the receiver and bundle wires with the wire clip as shown below.



- 11) Install the heat shield to the receiver with two screws and attach to the floor of the unit with a velcro pad.



- 12) Reverse steps 5 and 4.

- 13) Match the remote control to the receiver - see remote control instructions.

- 14) Reverse steps 2 and 1.

- 15) Check to ensure there are no gas leaks.

## GTM REMOTE INSTALLATION

- 1) Shut off the gas supply and disconnect all power to the unit.
- 2) Remove the louvers, bay door or faceplate if installed.
- 3) Disconnect battery pack - located on the floor of the unit, as shown below and discard.



- 4) Remove DFC (digital firebox control box) from the floor of the unit.

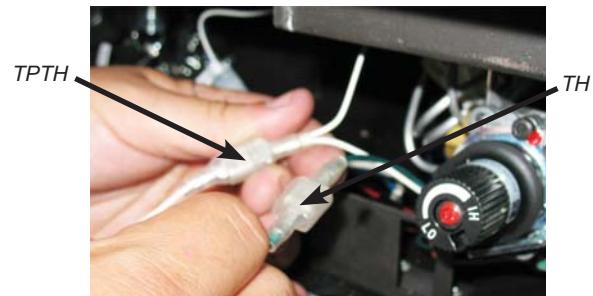


- 5) Disconnect wire harness, ground wire and spark wire from DFC.



DFC

- 6) Identify wires in the GTM/GTMF remote wiring harness. (see wiring diagram.)
- 7) Connect the TPTH and TH wires - green to green and white to white as shown below.



- 8) Plug in receiver DC supply wire - as shown below.



- 9) Remove the hi/lo knob if installed by removing 2 screws as shown below.



- 10) Install the stepper motor in the same location the hi/lo knob was removed from - with 2 screws as shown below.

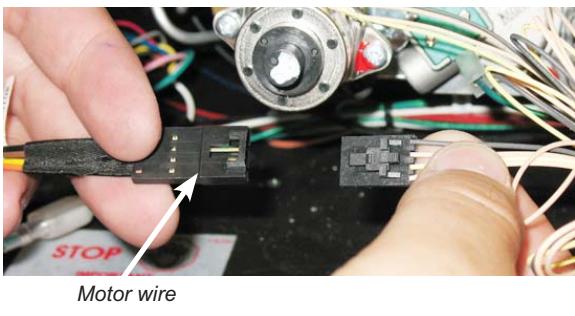


- 11) Remove the receiver if installed - unplug the motor wire from the back of the receiver - as shown below.

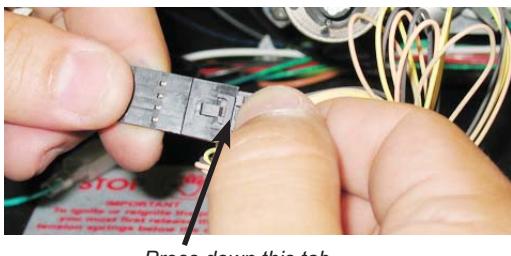


- 12) Reattach wires from step 5.

- 13) Plug the stepper motor into the 'motor wire' as shown below.



- 14) To unattach these wires - un-clip from the wires on the stepper motor side as shown below.



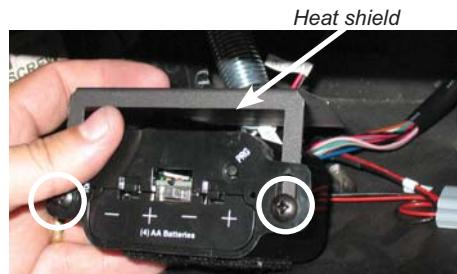
- 15) Install 4-AA batteries into the receiver.



- 16) Bundle all wires together and clip with supplied wire clip - as shown below.



- 17) Install the heat shield to the receiver with two screws and attach to the floor of the unit with a velcro pad - also peel off paper on back side of wire clip and place wires conveniently in appliance.



- 18) Match the remote control to the receiver - see remote control instructions.

- 19) Reverse steps 2 and 1.

- 20) Check to ensure there are no gas leaks.

## GTMF REMOTE INSTALLATION

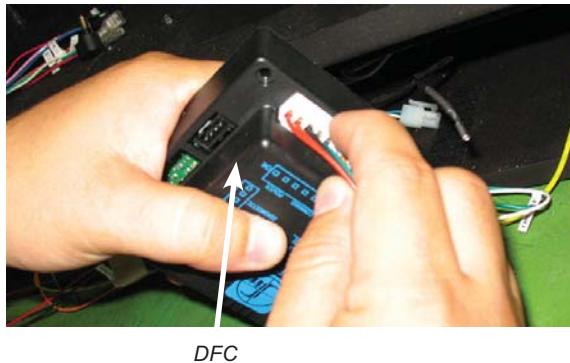
- 1) Shut off the gas supply and disconnect all power to the unit.
- 2) Remove the louvers, bay door or faceplate, if installed.
- 3) Disconnect battery pack - located on the floor of the unit, as shown below and discard.



- 4) Identify wires in the GTM/GTMF remote wiring harness. (see wiring diagram.)
- 5) Remove DFC (digital firebox control box) from the floor of the unit.

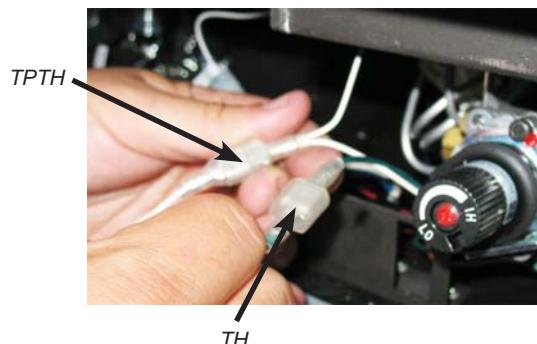


- 6) Disconnect wire harness, ground wire and spark wire from DFC.



DFC

- 7) Connect the TPTH and TH wires - green to green and white to white as shown below.



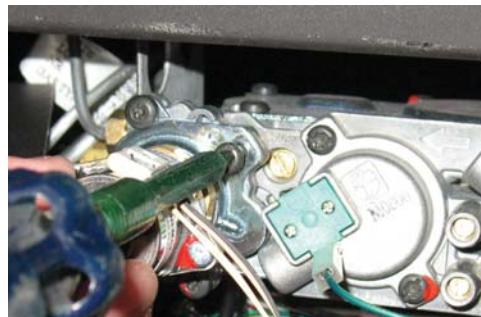
- 8) Plug in receiver DC supply wire - as shown below.



- 9) Remove the hi/lo knob by removing 2 screws as shown below.



- 10) Install the stepper motor in the same location the hi/lo knob was removed from - with 2 screws as shown below.



11) Install 4 - AA batteries into the receiver.



12) Plug 'motor' wires into the back of the receiver and bundle wires with the wire clip - as shown below.

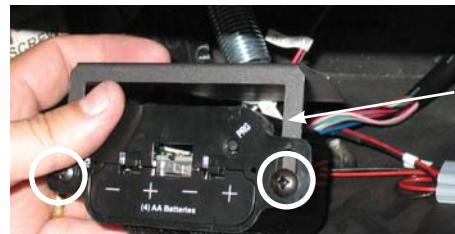


13) Reattach wires from step 5.

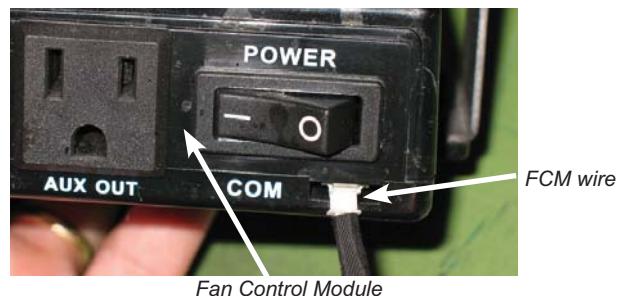


14) Reinstall the DFC box onto the velcro pad on the floor of the unit.

15) Install the heat shield to the receiver with two screws and attach to the floor of the unit with a velcro pad.



16) From the wire harness, plug the FCM wire into the fan control module.



17) Install the heat shield onto the fan control module - then install onto the velcro pad located on the floor of the unit located left of the receiver.



18) Plug fan control module into receptacle located on the left hand side of the unit.

19) Match the remote control to the receiver - see remote control instructions.

20) Reverse steps 2 and 1.

21) Check to ensure there are no gas leaks..

# INSTALLATION

## WIRING DIAGRAM

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

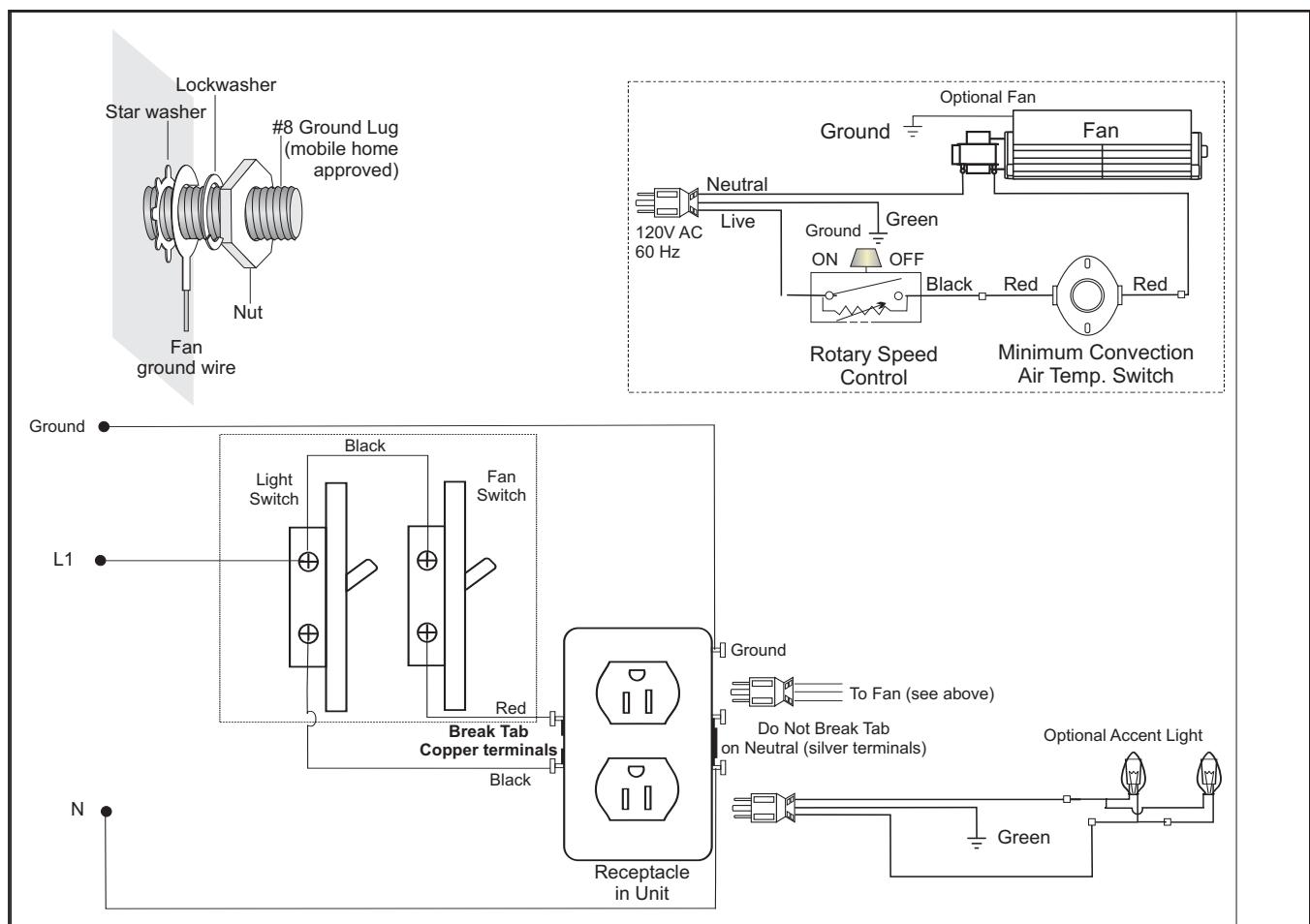
**CAUTION:** Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.

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.

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

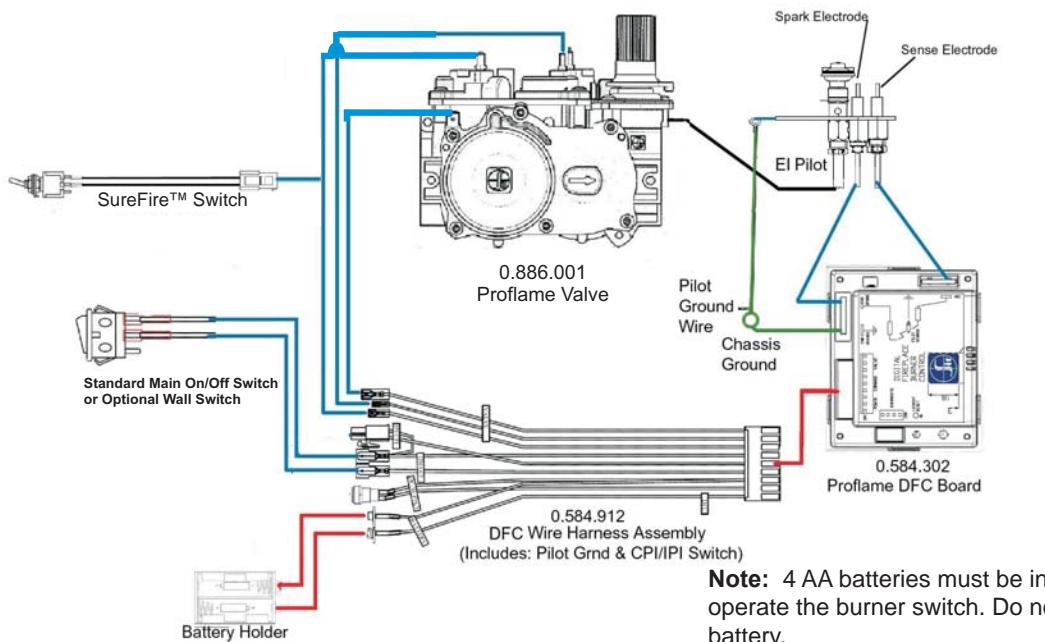
**NOTE:** Even if the fan is not purchased with the unit, it is still a good idea to bring power to the receptacle box (provided with the unit) in case the fan is installed at a later date.

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



## PROFLAME SYSTEM WIRING DIAGRAM

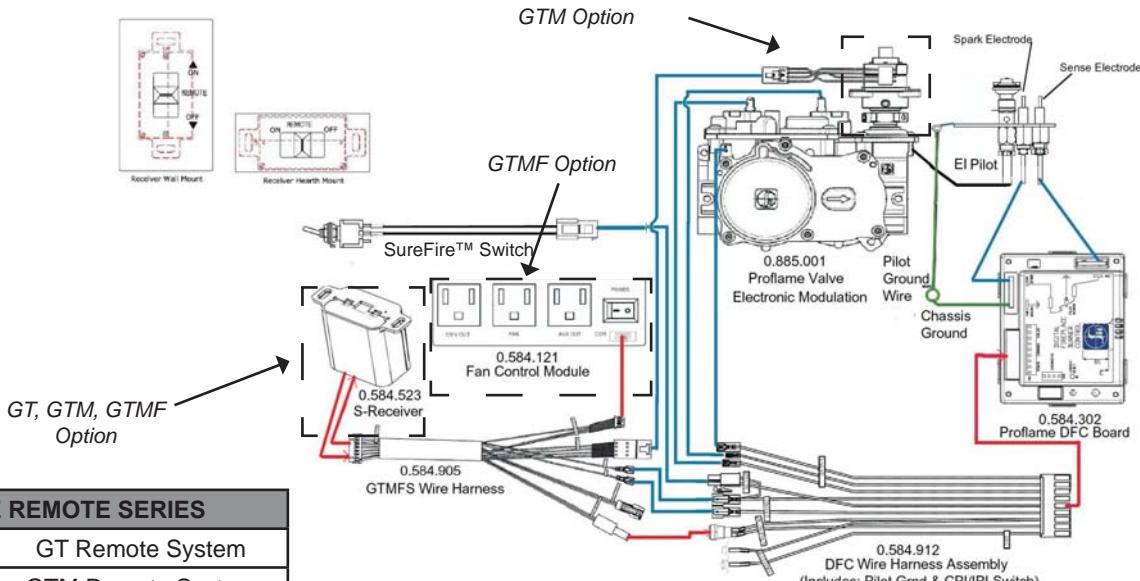
### CONFIGURATION: 886 ON/OFF STAND ALONE



**IMPORTANT:** If the optional remote control is used, the AA batteries normally installed into the battery holder must be removed. The AA batteries in the receiver now operate the unit. Having AA batteries in both the battery holder and receiver will damage the gas valve.

## PROFLAME SYSTEM WIRING DIAGRAM

### CONFIGURATION: 886 GTMF



PROFLAME REMOTE SERIES	
946-690	GT Remote System
946-691*	GTM Remote System
946-692*	GTMF Remote
	
<small>*Must also order a 946-693-NG or 946-694 modulator if using the noted remote controls.</small>	

# 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

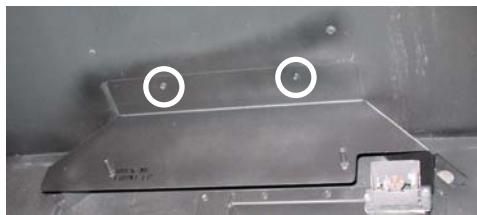


Diagram 3

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



Diagram 4a

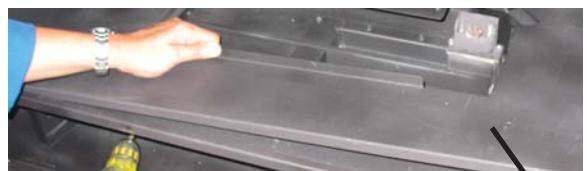


Diagram 4b

Base Tray

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

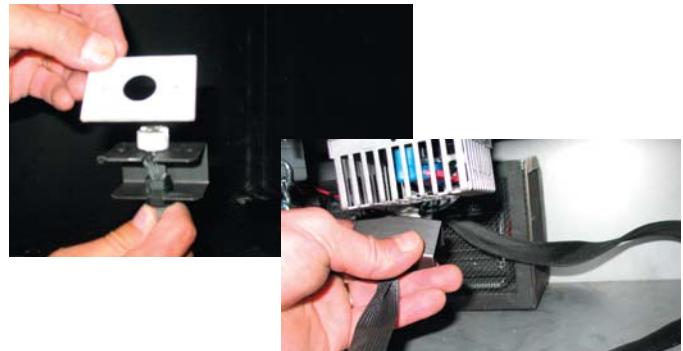


- 11) Remove the cover plate and gasket from the underside of the floor of the firebox.



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.



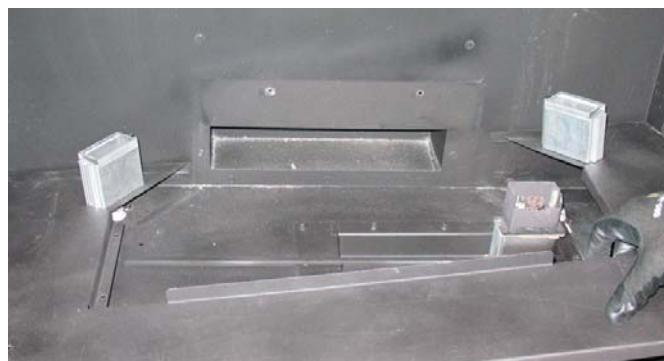
- 15) Install two light diffusers on to the base tray.



- 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.

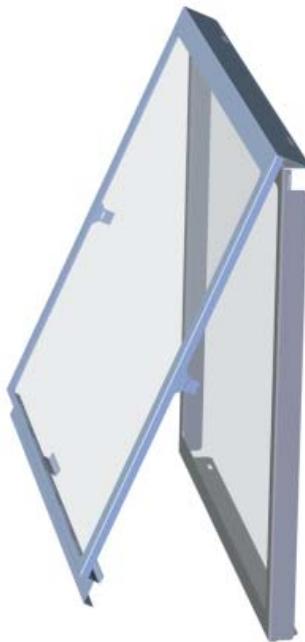
**Note:** Glass is longer than diffuser for ease of removal.



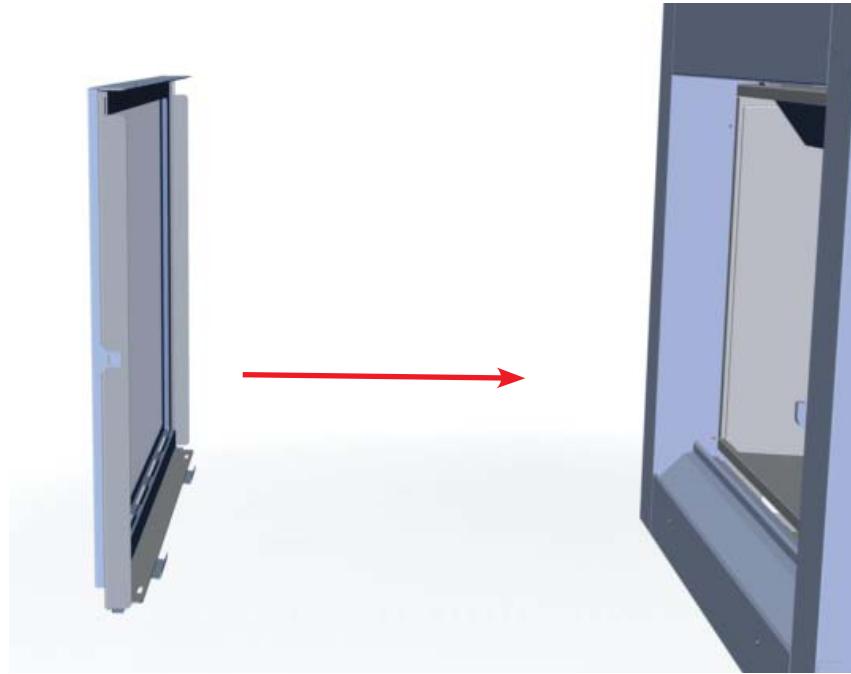
- 19) Reverse steps 9 - 1.

## MESH GUARD INSTALLATION

- 1) Hook mesh guard frame over top of flush glass door frame as shown in Diagram 1.  
Push bottom part of mesh frame over flush glass door frame until tabs snaps into place.



- 2) Install mesh guard and flush glass together - following flush glass door installation instructions.



## 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.

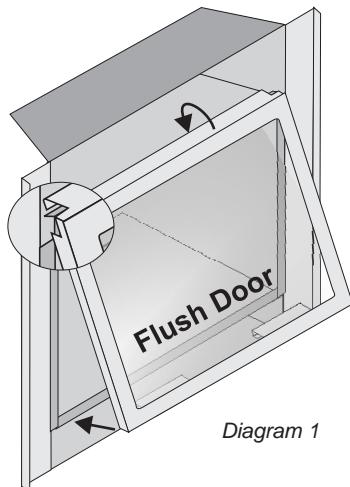


Diagram 1

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.

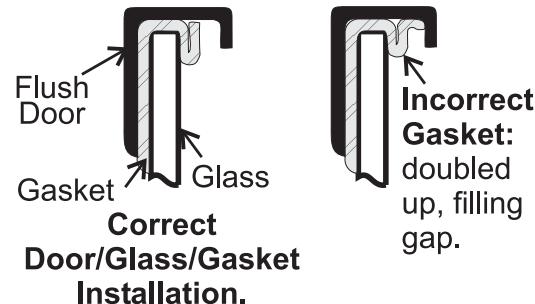
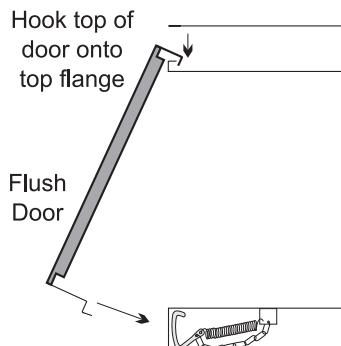


Diagram 2



Hook top of door onto top flange  
Flush Door

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.

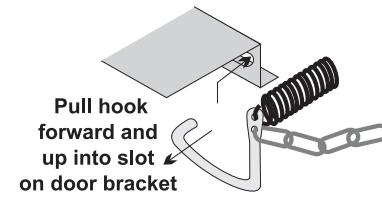


Diagram 3

To remove the flush door, reverse the above steps.



## 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.

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

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

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

- A) This appliance is equipped with an ignition device which automatically lights the pilot.  
Do not try to light the pilot by hand.

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

**WHAT TO DO IF YOU SMELL GAS**

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

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

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

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

**QUE FAIRE SI VOUS SENTEZ UNE ODEUR DE GAZ :**

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

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

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

## LIGHTING INSTRUCTIONS

- 1) Turn on ON/OFF switch
- 2) After approximately 4 seconds the spark ignition system will spark for 60 seconds to light the main burner.

- 3) The unit will turn on.

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

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

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

- 1) Appuyez le bouton ON / OFF
- 2) Attendre 4 secondes. Le système d'allumage produira des étincelles pendant 60 secondes afin d'amorcer le brûleur principal.

- 3) Les flammes s'allumeront.

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

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

- a) Attendre 5 minutes et éteindre l'appareil en réglant l'interrupteur à la position « OFF »;
- b) Attendre 2 secondes et rallumer le système à l'aide de l'interrupteur ou de la télécommande.
- c) L'unité répétera l'étape 2.

## TO TURN OFF GAS APPLIANCE

- 1) Turn off ON/OFF switch
  - 2) If service is to be performed - you must disconnect power to the unit, from the battery pack, refer to manual.
- 1) Appuyez sur le bouton ON / OFF
  - 2) Si le service est effectué, vous devez débrancher l'appareil, du bloc-piles, voir le manuel d'instruction pour plus de détails.

## DO NOT REMOVE THIS INSTRUCTION PLATE

918-628b

# MAINTENANCE

## 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.

## 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.

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



Diagram 4a



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.

- 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.

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

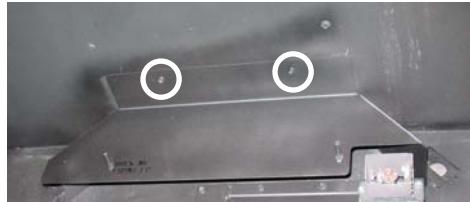


Diagram 3

# MAINTENANCE

## 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 burner tray up and out. Diagram 4a and 4b.



Diagram 4a



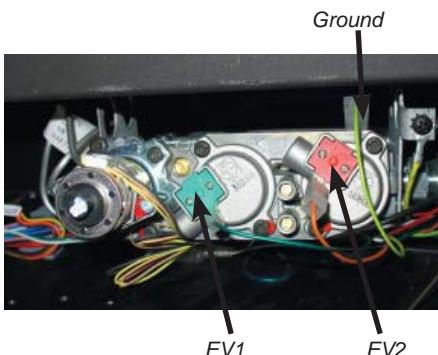
Diagram 4b

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



Diagram 5

- 10) Disconnect the EV1, EV2, and ground wires from the valve - as shown below.



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

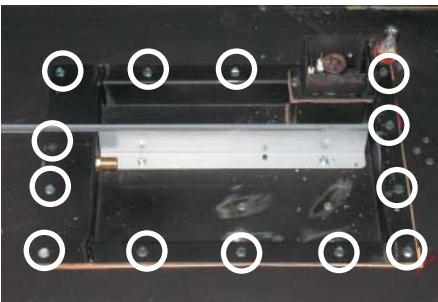


Diagram 7

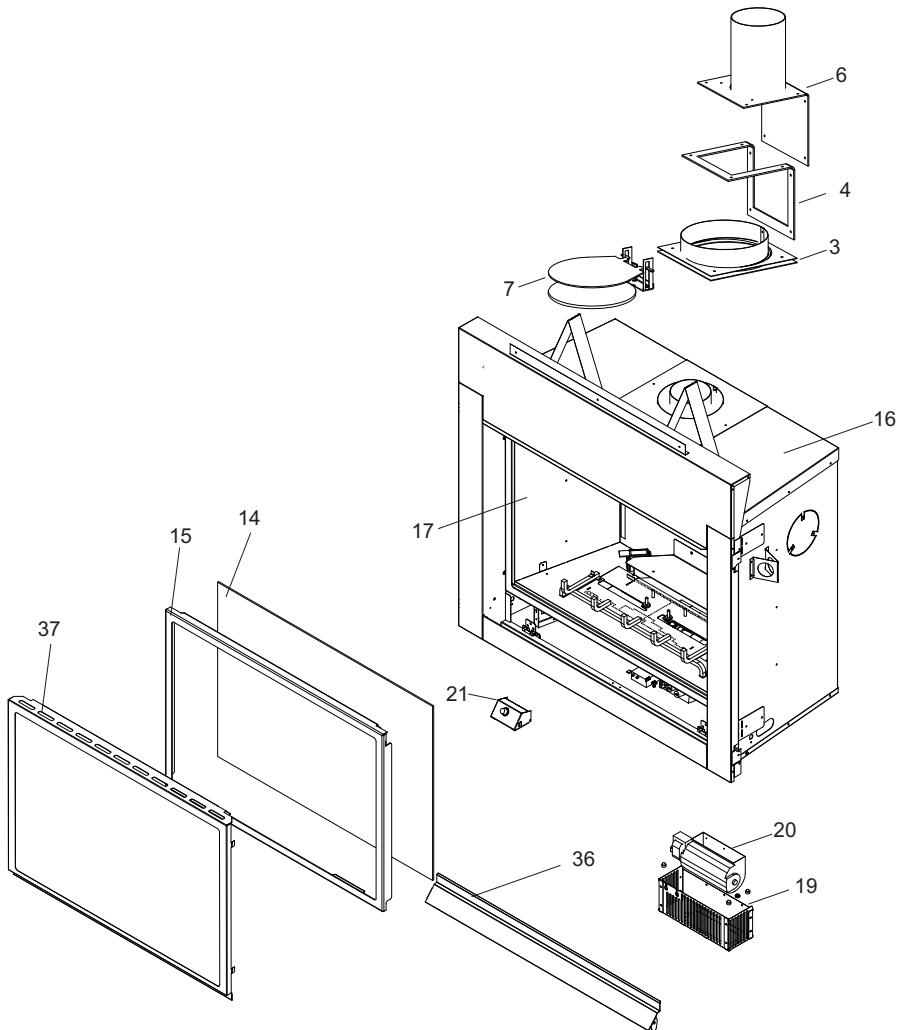
## INSTALLING VALVE

- 1) Place new valve tray and gasket into position.
- 2) Reinstall the 14 hold down screws.
- 3) Connect the EV1, EV2 and ground 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.

# MAIN ASSEMBLY

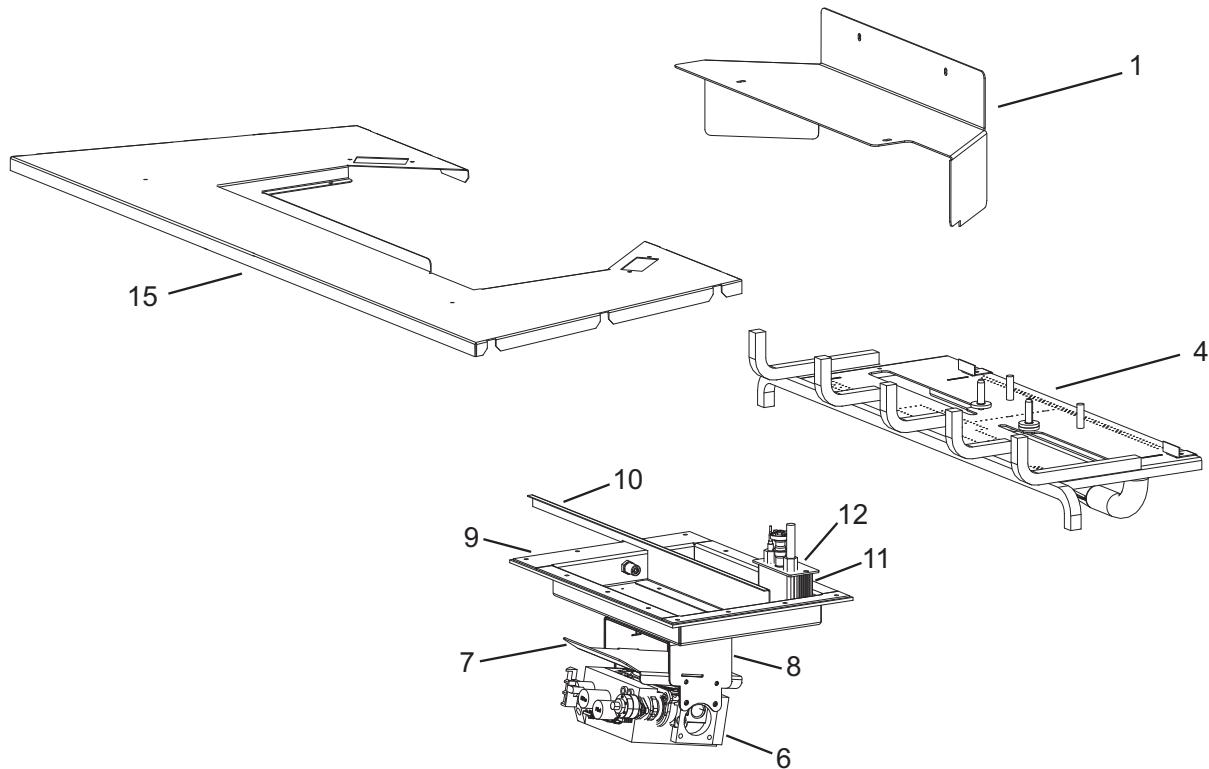
<b>Part #</b>	<b>Description</b>	<b>Part #</b>	<b>Description</b>
1) 506-086	Top Insulation Plate	21) 910-330	Fan Speed Control
2) 506-074	Top Insulation	22) 904-586	Knob - Speed Control
3) 506-513	Flue Collar Outer Assembly	23) 910-142	Thermodisc - Fan Auto ON/OFF
4) 556-095	Flue Collar Gasket	24) 946-000	Round Duct Adaptor
5) 506-000	Exhaust Gasket	25) 910-367	Box - Plastic Switch Receptacle
6) *	Flue Collar Inner Assembly	26) 910-412	Fan Speed Controller
7) 596-042F	Top Relief Plate	27) 910-417	Knob - White
8) 476-023	Relief Gasket - Door Top	28) 910-366	Switch Cover Plate - White
		29) 946-006	Grill Plate - White
10) 820-389	Thermodisc Bracket	30) 946-005	Wall Adaptor Plate - White
911-012	Ignition Module	31) 946-002	Round to Oval Adaptor
12) 948-259	Spring Handle Lever	32) 946-001	Oval Duct Adaptor
13) 948-025	Spring Door Extension	33) 946-007	Angle Bracket
14) 940-362/P	Ceramic Glass	34) 946-517/P	Fan Assembly - Heat Wave
15) 506-083	Door Frame	35) 946-004	Junction Box
		36)	Lower access panel
		37)	Mesh Guard
		506-959	Optional Accent Light
16) *	Outerbox Assembly		
17) *	Firebox Assembly	36) 919-162	Manual
18) 506-917	Fan Assembly		
19) 910-215/P	Fan Motor (120 Volts)		
432-966	Fan Switch Assy (120 Volts)		
20) 910-813	Power Cord (120 Volts)		

\* 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	B41XTCE Burner Assembly NG	904-431	Orifice #49 LP
506-530	B41XTCE Burner Assembly LP	506-574 E/P	Valve Assembly - NG
4) 506-531	B41XTCE Grate Assembly	506-576 E/P	Valve Assembly - LP
6) 911-004 911-005	Valve NG SIT 886 Valve LP SIT 886	506-003	Valve Assembly Gasket
7) 506-072	Valve Shield	15) 506-062	Base Tray
8)	Valve Mounting	506-930	Log Set
9) 506-055	Valve Tray Plate		
10) 506-075	Air Deflector		
11) 380-013	Pilot Holder Extruded		
12) 911-006 911-007	Pilot Assembly - NG Pilot Assembly - LP Flame Sensor Igniter		





## NOTES



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 warranties 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, thermodisks, 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](http://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: \_\_\_\_\_



Bellavista  
B41XTCE Video

Installer: \_\_\_\_\_

Phone #: \_\_\_\_\_

Date Installed: \_\_\_\_\_

Serial No.: \_\_\_\_\_

Register your Warranty and be automatically entered to  
**WIN A FIRETABLE**

See website for sweepstakes rules.

**REGENCY**  
FIREPLACE PRODUCTS