



# HZI234E Gas Insert

MODELS: HZI234E-NG Natural Gas HZI234E-LP Propane

## Owners & Installation Manual



### WARNING:

Improper installation, adjustment, alteration, service or maintenance can cause injury, property damage, or loss of life. Refer to this manual. For assistance or additional information consult an authorized installer, service agency or the gas supplier.

### FOR YOUR SAFETY:

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

Installation and service must be performed by an authorized 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.

## REGENCY GAS FIREPLACE INSERT

### TO THE NEW OWNER

Congratulations! You are the owner of a state-of-the-art Gas Insert by FPI.

The HZI234E Direct Vent Gas Insert has been designed to provide you with all the warmth and charm of a fireplace, at the flick of a switch. The HZI234E-NG and HZI234E-LP have been approved by Warnock Hersey 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 FPI Fireplace.



# WARNING!



**HOT GLASS WILL  
CAUSE BURNS**

**DO NOT TOUCH GLASS  
UNTIL COOLED**

**NEVER ALLOW CHILDREN  
TO TOUCH GLASS**



**NATIONAL  
FIREPLACE  
INSTITUTE**  
**CERTIFIED**  
[www.nficertified.org](http://www.nficertified.org)

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



**Wood Energy  
Technical Training**  
[www.wettinc.ca](http://www.wettinc.ca)



## SAFETY LABEL

Copy of safety decal.....	4
---------------------------	---

## REQUIREMENTS

MA Code - CO Detector.....	5
----------------------------	---

## DIMENSIONS

Dimensions w/ low profile 3 sided faceplate.....	6
Dimensions w/ low profile 4 sided faceplate.....	7
Dimensions w/ contemporary and contour faceplate.....	8

## INSTALLATION

For Your Safety.....	9
Important Message .....	10
Gas Pressure Testing .....	10
Specifications .....	10
Installation Into A Solid Fuel Burning Fireplace Or Factory Built Fireplace.....	10
Before You Start .....	10
Installation Checklist.....	11
Materials Required .....	11
Minimum Fireplace Opening.....	11
Minimum Clearances To Combustibles .....	12
Combustible Mantel .....	12
Clearances .....	12
Venting.....	13
Converting from 3" & 3" venting to 3" & 2" .....	14
Vent Restrictor Position .....	14
Flue Liner Installation .....	15
Gas Connection .....	15
Gas Insert Aeration System.....	15
High Elevation .....	16
Gas Line Installation .....	16
Pilot Adjustment.....	16
Gas Pipe Pressure Testing .....	16
886 S.I.T. Valve .....	16
Description.....	16
Conversion from NG to Lp.....	17
Glass Crystals or optional ceramic stones .....	20
Installation On Burner.....	20
Optional Pebble / Crystal Installation.....	21
for Firebox Base .....	21

Reflective Panel Installation .....	22
Glass door Removal / Installation.....	23
Optional Screen door Removal / Installation .....	23
Low profile faceplate installation.....	24
(3 and 4 sided).....	24
Contour & Contemporary faceplate .....	26
Optional backing plate .....	29
Optional hearth Trim-contour/standard faceplate .....	31
Optional hearth Trim - Low profile faceplate.....	32
Proflame Remote Control receiver Installation .....	33
Optional wall thermostat installation .....	35
Wiring Diagram.....	36
Proflame Remote system gt/GTM .....	36
AC power adaptor installation (for surefire systems)...	37
Fan wiring Diagram .....	38

## OPERATING INSTRUCTIONS

Operating Instructions .....	39
First Fire .....	39
Lighting Procedure .....	39
Shutdown Procedure .....	39
Normal Operating Sounds of Gas Appliances .....	39
Copy of Lighting Plate Instructions.....	40

## MAINTENANCE

Maintenance Instructions.....	41
Glass Gasket .....	41
General Vent Maintenance .....	41
Door Glass .....	41
Fan Replacement .....	42
Valve assembly Replacement .....	44

## PARTS LIST

Main assembly.....	45
3 and 4 sided low profile Faceplate Assembly.....	46
Faceplate Assembly .....	47
Backing Plate & Hearth Trim Assembly .....	48

## WARRANTY

Warranty.....	51
---------------	----

## SAFETY LABEL

This is a copy of the labels that accompany each HZI234E Gas Insert. We have printed a copy of the contents here for your review. The safety label is located on a plate inside the base of the unit visible when the bottom louver is opened. Ensure that the safety label is attached to the unit.

**NOTE: FPI 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.**

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

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

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

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

381

DO NOT REMOVE THIS LABEL / NE PAS ENLEVER CETTE ÉTIQUETTE



381

Serial No. / No de serie



Intertek  
4001172

Listed: VENTED GAS FIREPLACE HEATER  
Tested to: CAN/CGA-2.17-M91(R2009)  
ANSI Z21.88-2009/CSA 2.33-2009  
Certified for / Certifiée pour: CANADA AND U.S.A.



Model/Modèle:  
HZI234E-NG

### NATURAL GAS FIREPLACE INSERT: MODEL HZI234E-NG Factory Equipped For Altitude 0-4500ft. (0-1370m)

Min. Supply Pressure	5"	WC	(1.25 kpa)
Low Setting Man. Pressure	1.6"	WC	(0.40 kpa)
Max. Manifold Pressure	3.5"	WC	(0.87 kpa)
Orifice Size	48	DMS	
Minimum Input	12,000	Btu/h	(3.52 kW)
Maximum Input	16,500	Btu/h	(4.84 kW)



Model/Modèle:  
HZI234E-LP

### PROPANE GAS FIREPLACE INSERT: MODEL HZI234E-LP Factory Equipped For Altitude 0-4500ft. (0-1370m)

Min. Supply Pressure	11"	WC	(2.74 kpa)
Low Setting Man. Pressure	6.4"	WC	(1.59 kpa)
Max. Manifold Pressure	10"	WC	(2.49 kpa)
Orifice Size	56	DMS	
Minimum Input	12,000	Btu/h	(3.51 kW)
Maximum Input	15,000	Btu/h	(4.40 kW)

### VENTED GAS FIREPLACE HEATER / FOYER AU GAZ À ÉVACUATION

For installation in Solid Fuel Burning Fireplaces. This appliance must be installed in accordance with local codes, if any. If none, follow the National Fuel Code, ANSI Z223.1/NFPA 54 or Natural Gas and Propane Installation Codes, CSA B149.1. This vented gas fireplace heater is not for use with air filters.

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

This appliance is only for use with the type of gas indicated on the rating plate. See owner's manual for details. For use with glass doors certified with the appliance only. This appliance is not convertible for use with other gases, unless a certified kit is used.

**WARNING:** This fireplace has been converted for use with a gas fireplace insert only and cannot be used for burning wood or solid fuels unless all original parts have been replaced, and the fireplace re-approved by the authority having jurisdiction. For use with glass doors certified with the appliance only.

Installer l'appareil selon les codes ou règlements locaux, ou, en l'absence de tels règlements, selon les codes d'installation ANSI Z223.1, National Fuel Gas Code ou CSA-B149.1 en vigueur.

Cet appareil d'évacuation directe doit être installé selon les instructions du fabricant et conformément à la norme Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280 ou les Standard of Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities ANSI/NFPA 501A, ou la norme CAN/CSA Z240 Série MM, Maisons mobiles au Canada.

Cet appareil n'est pas convertible pour une utilisation avec d'autres gaz, sauf si un kit certifié est utilisé.

**AVERTISSEMENT :** Ce foyer a été converti pour utilisation avec un foyer au gaz encastrable et ne peut être utilisé pour brûler du bois ou d'autres combustibles solides à moins que toutes les pièces d'origine aient été remplacées et que le foyer ait été approuvé de nouveau par l'autorité compétente.

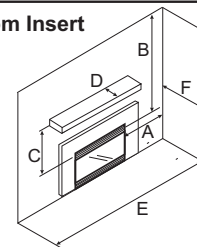
Fan Part No. 910-331/P

Electrical Supply: 115 V, 56 WATTS, 60 Hz

**NOT FOR USE WITH SOLID FUEL-NE PAS UTILISER AVEC DU COMBUSTIBLE SOLIDE.**

### Minimum Clearances to Combustibles from Insert

Side Walls	*A	8"	(203mm)
Ceiling	B	56"	(1422mm)
Min. Mantel Height	C	15.5"	(394mm)
Max. Mantel Depth	D	12"	(305mm)
Alcove Width	E	60"	(1524mm)



\* Alcove side wall must have a min. of 8" (203mm) clearance on one side.

FPI Fireplace Products International Ltd., Delta BC, CANADA  
MADE IN CANADA / FABRIQUE AU CANADA

918-987

## 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:

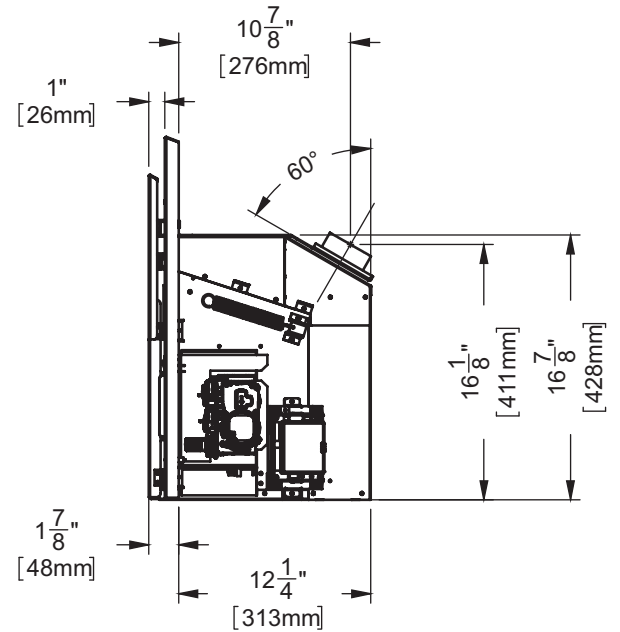
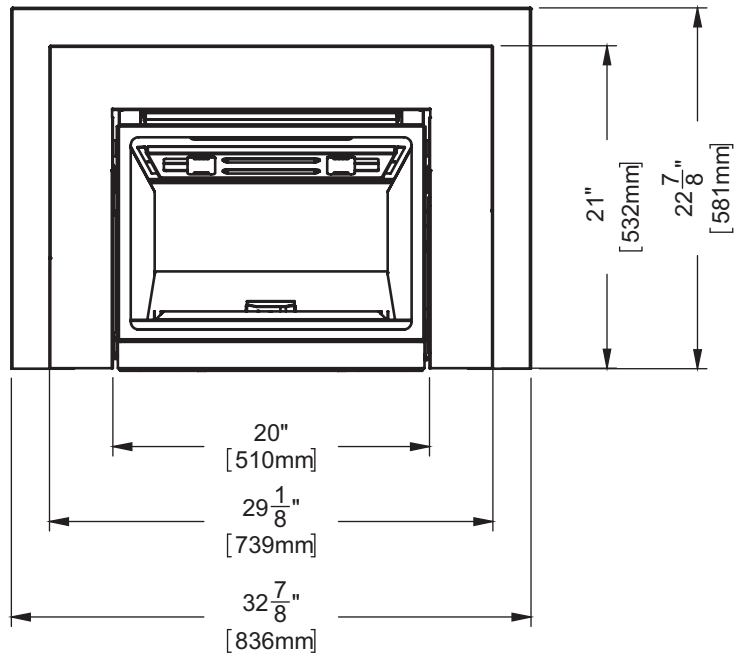
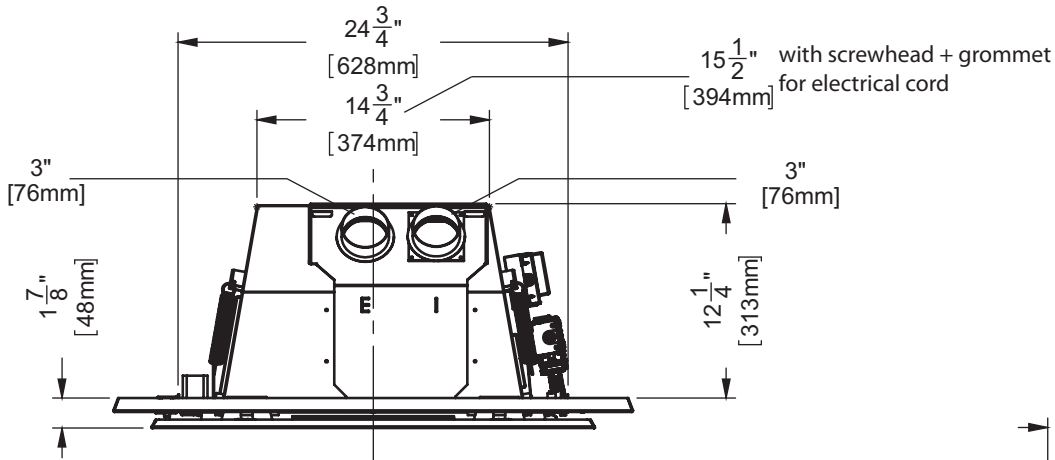
1. The referenced "special venting system" instructions shall be included with the appliance or equipment installation instructions; and

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.

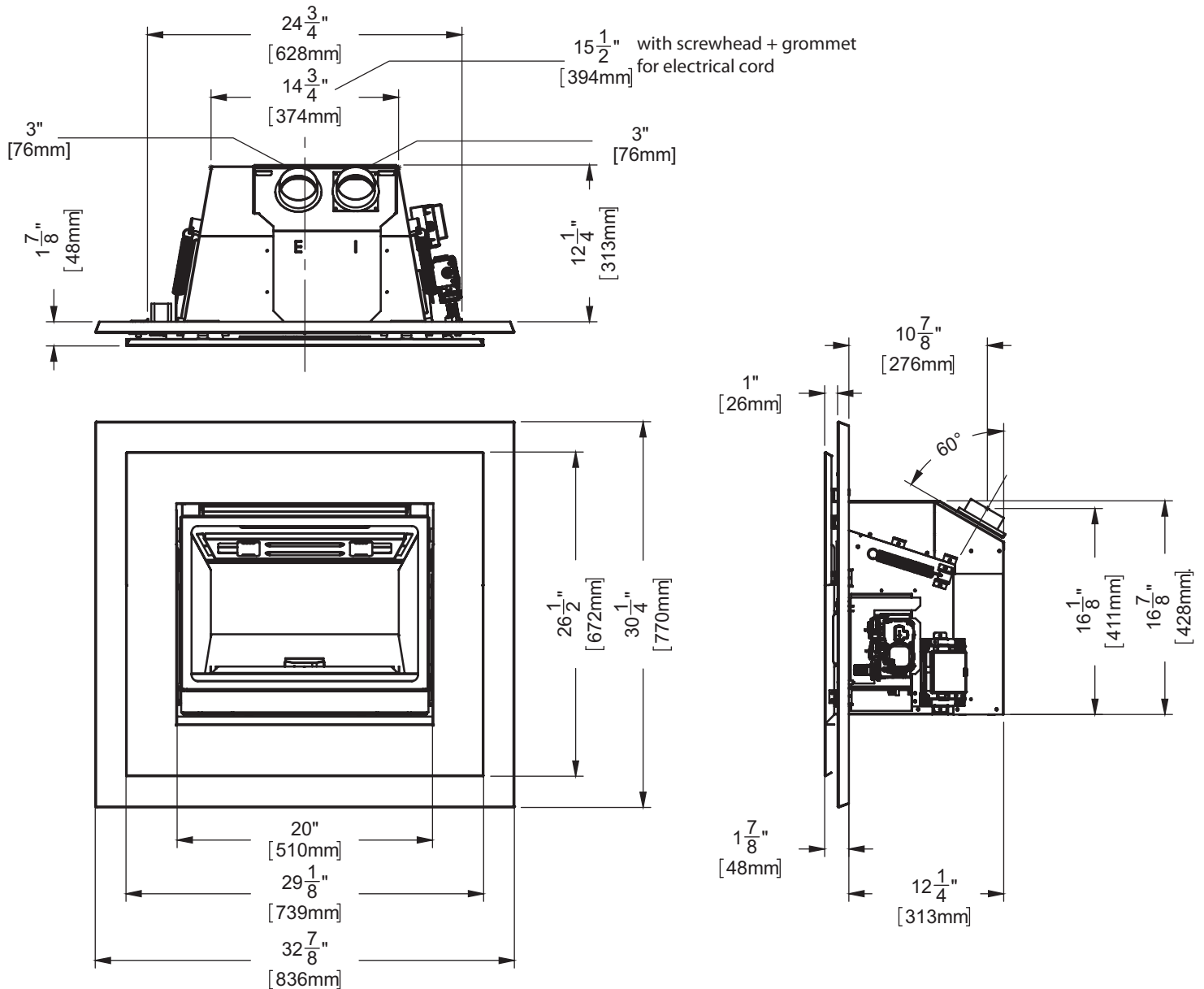
(e) A copy of all installation instructions for all Product Approved side wall horizontally vented gas fueled equipment, all venting instructions, all parts lists for venting instructions, and/or all venting design instructions shall remain with the appliance or equipment at the completion of the installation.

# DIMENSIONS

## DIMENSIONS W/ LOW PROFILE 3 SIDED FACEPLATE



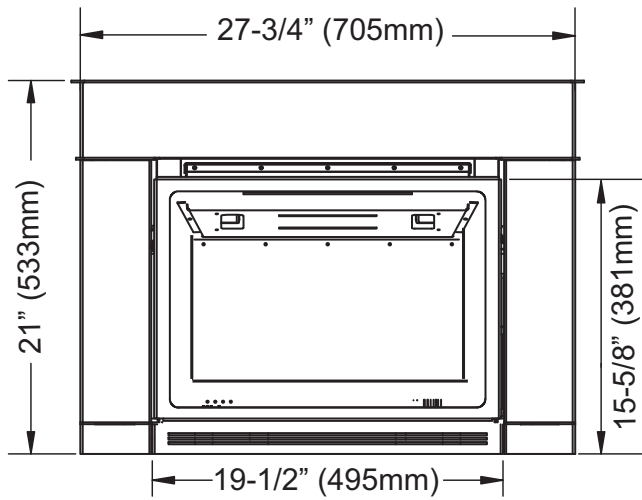
**DIMENSIONS W/ LOW PROFILE 4 SIDED FACEPLATE**



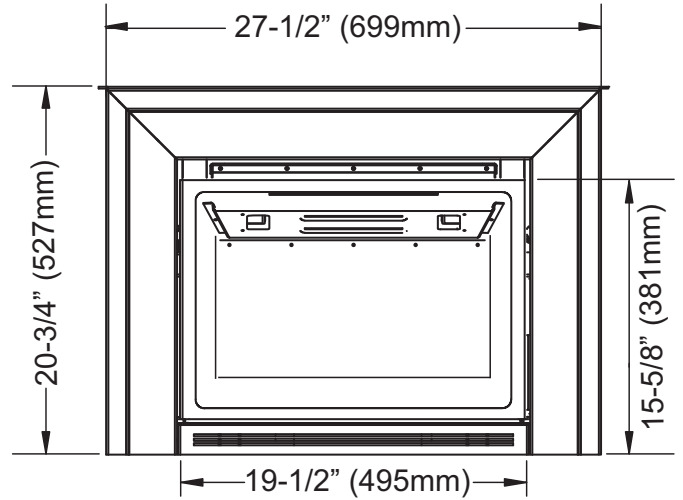


## DIMENSIONS

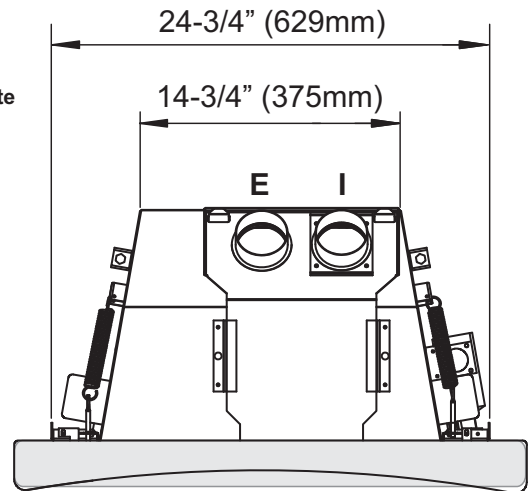
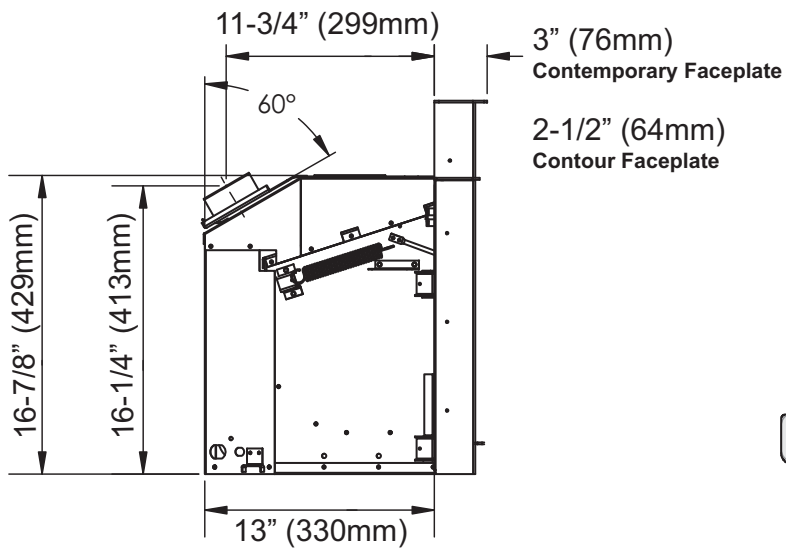
### DIMENSIONS W/ CONTEMPORARY AND CONTOUR FACEPLATE



**Contemporary Faceplate**



**Contour Faceplate**





## FOR YOUR SAFETY

This appliance requires air for proper combustion. Always provide adequate combustion and ventilation air. Follow instructions and information in CSAB149.1 (in Canada) or the National Fuel Gas Code ANS Z223.1/NFPA (in the USA), regarding requirements for combustion and ventilation air.

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

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

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

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

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

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



## IMPORTANT MESSAGE SAVE THESE INSTRUCTIONS

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

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

## GAS 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).

## SPECIFICATIONS

At pressures over 1/2 psig, the pipe to the unit must be disconnected.

### Gas Input Capacity:

Natural Gas	16,500 Btu/h
Propane	15,000 Btu/h

### Min. Input:

Natural Gas	12,000 Btu/h
Propane	12,000 Btu/h

**Fuels:** Approved for use with both natural gas, and propane. Approved as is for use at 0' to 4,500' (0-1370m).

**Electrical:** 120V A.C. system.

**Circulation Fan:** Variable speed, 127 CFM.

**Vent System:** 3" co-linear aluminum flex or optional 2" intake with 3" exhaust.

## INSTALLATION INTO A SOLID FUEL BURNING FIREPLACE OR FACTORY BUILT FIREPLACE

The HZI234E Gas Inserts have been tested and approved to be vented into any masonry fireplace or approved solid fuel burning factory built fireplace that will allow the insert to physically fit into the firebox. Refer to the "Minimum Fireplace Opening" section.

**If the factory built fireplace\* height is too low for your Insert, you may remove the smoke baffle plate and damper from the factory built fireplace as long as these items are saved and are reinstalled in the event that the Insert is removed. NOTE: Any alterations made to the listed solid fuel burning factory built fireplace may void the listing of the fireplace. Cutting any sheet-metal parts of the fireplace, in which the gas fireplace insert is to be installed, is prohibited.**

**If the factory-built fireplace has no gas access hole(s) provided, an access hole of 1.5" (37.5mm) or less may be drilled through the lower sides or bottom of the firebox in a proper workmanship like manner. This access hole must be plugged with non-combustible insulation after the gas supply line has been installed.**

**The fireplace and fireplace chimney must be clean and in good working order and constructed of non-combustible materials and chimney cleanouts must fit properly. Refractory, glass doors, screen rails, screen mesh, and log grates can be removed from the fireplace before installing the gas fireplace insert. Smoke shelves, shields and baffles may be removed if attached by mechanical fasteners. A tight seal between the gas fireplace insert flue collar and the fireplace chimney must be made to prevent heat loss.**

\*Check with your local inspector before commencing with this installation.

Installer must mechanically attach the supplied label to the inside of the firebox of the fireplace into which the gas fireplace insert is installed.

**"WARNING:** This fireplace has been converted for use with a gas fireplace insert only and cannot be used for burning wood or solid fuels unless all original parts have been replaced, and the fireplace re-approved by the authority having jurisdiction."

## 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:

### General Safety Information

- 1) The appliance installation must conform with local codes or in the absence of local codes, with CAN/CSA B149.1 (in Canada) or the National Fuel Gas Code ANSI Z223.1 NFPA 54 in the U.S.A. This appliance should be installed by a qualified gas fitter technician only.
- 2) Installation and repair should be done by a qualified service person.
- 3) 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, animal hair, etc. It is imperative that control compartments, burners and circulating air passageways of the appliance be kept clean.
- 4) See general construction and assembly instructions. This appliance may only be installed in a vented, noncombustible fireplace.
- 5) This appliance is Listed for bedroom installations when used with a Listed Millivolt Thermostat. Some areas may have further requirements, check local codes before installation.
- 6) Always connect this appliance to a vent system vent that is run (or routed) to the outside of the building envelope. Never vent to another room or inside a building. Make sure that the vent is properly sized and is of adequate height to provide the proper draft.
- 7) Inspect the venting system annually for blockage and any signs of deterioration.
- 8) Any glass removed for servicing must be replaced prior to operating the appliance.
- 9) **WARNING:** Failure to position the parts in accordance with the diagrams in this manual or failure to use only parts specifically approved with this appliance may result in property damage or personal injury.
- 10) To prevent injury, do not allow anyone who is unfamiliar with the operation to use the fireplace.

- 11) Due to high temperatures, the appliance should be located out of high traffic areas and away from furniture and draperies. Children and adults should be alerted to the hazards of high surface temperatures, especially the fireplace glass, and should stay away to avoid burns or clothing ignition. Young children should be carefully supervised when they are in the same room as the appliance. Clothing or other flammable material should not be placed on or near the appliance.

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

Before installing vent system ensure that the damper plate is open and secure to prevent the damper plate from falling down and crushing the liner.

The FPI Gas Insert is installed as listed below.

- 1) Check all clearances to combustibles. Refer to the following sections where applicable:
  - a. Minimum Clearances to Combustibles.
  - b. Combustible Mantel Clearances
  - c. Mantel Clearances
- 2) Make the gas connection. Refer to the "Gas Connection" section.
- 3) Install the 3" x 3" or optional 3" x 2" flue liner to the sliding connector plate. Refer to the "Flue Liner Installation" section.
- 4) Slide the unit half way into the fireplace.
- 5) Pull the vent connector plate through the tapered brackets and fasten to the front plate. Refer to the "Flue Liner Installation" section.
- 6) Slide the unit fully into the fireplace.
- 7) Install 4-AA batteries into battery pack or receiver (remote control) or optional AC power adaptor.
- 8) Test gas pressure, refer to the "Gas Pipe Pressure Testing" section. Check aeration system, refer to "Gas Insert Aeration Systems" section.
- 9) Install standard and optional features. Refer to the following sections where applicable:

- a. Reflective Panels / brick panels
- b. Glass Crystal Installation
- c. Screen Door
- d. Faceplate
- e. Backing Plate
- f. Remote Control
- g. Wall Thermostat

10) **Final check. Refer to the "Final Check" section.** Before leaving this unit with the customer, the installer must ensure that the appliance is firing correctly. This includes:

- a) Locking the appliance to ensure the correct firing rate.
- b) Adjusting the primary air, if required, to ensure that the flame does not carbon. Refer to the "Gas Insert Aeration System" section.
- c) Ensuring that the appliance is venting correctly.

## MATERIALS REQUIRED

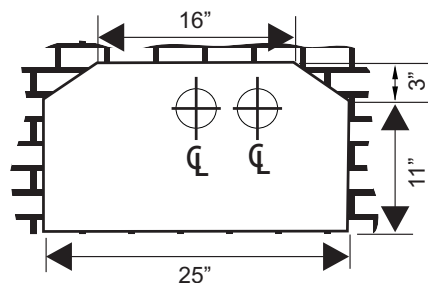
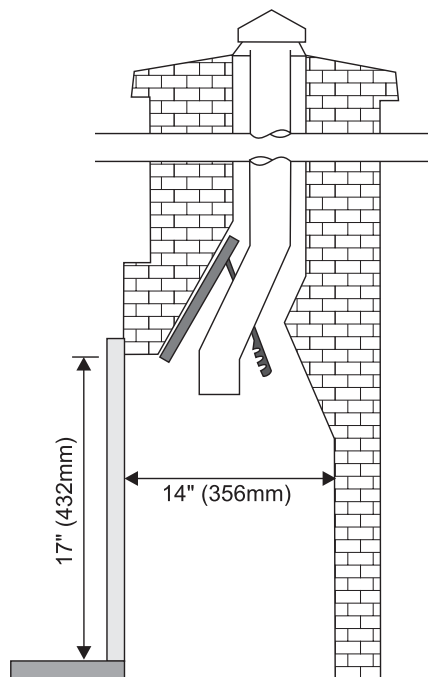
No electrical power supply is required for the gas control to operate. A 120 Volt AC power cord is hooked up to the fan. Plug the 3 wire cord into a suitable receptacle. **Do not cut the ground terminal off under any circumstances.** When connected with 120 volts, the appliance must be electrically grounded in accordance with local codes, current version of the Canadian Electrical Code CSA C22.1 (in Canada) or in the absence of local codes, with the National Electrical Code ANSI/NFPA 70.

### WARNING:

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

## MINIMUM FIREPLACE OPENING

The minimum fireplace opening for the HZ1234E gas fireplace insert is shown in the following diagrams:



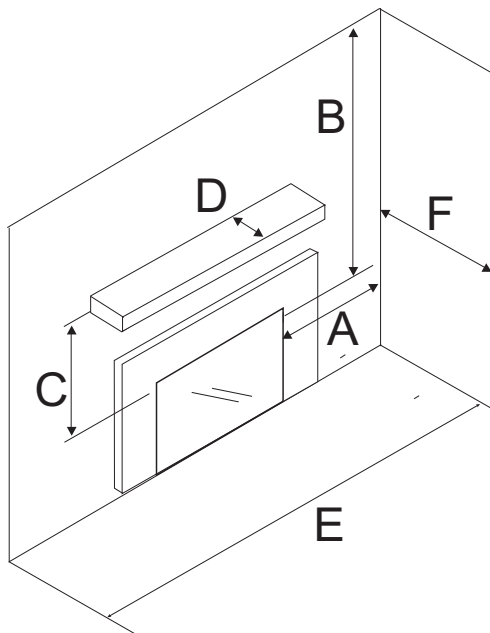
# INSTALLATION

## MINIMUM CLEARANCES TO COMBUSTIBLES

Unless otherwise stated the clearances listed below are Minimum distances to combustible materials. **Please Note: A major cause of chimney related fires is due to a failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this insert and vent system be installed only in accordance with these instructions.**

Side Walls	A	8" (203 mm)*
Ceiling	B	56" (1422 mm)
Min. Mantel Height	C	15-1/2" (394 mm) see Diagram 1
Max. Mantel Depth	D	12" (305 mm) see Diagram 1
Alcove Width	E	60" (1524 mm)
Alcove Depth	F	36" (914 mm)

\* Alcove side wall must have a min. of 8" clearance.



## COMBUSTIBLE MANTEL CLEARANCES

**Because of the extreme heat this fireplace emits, the mantel clearances are critical.** Combustible mantel clearances from top of door frame are shown in the diagram below. Mantel may be installed anywhere in the shaded area or higher.

**Note: A non-combustible mantel may be installed at a lower height.**

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

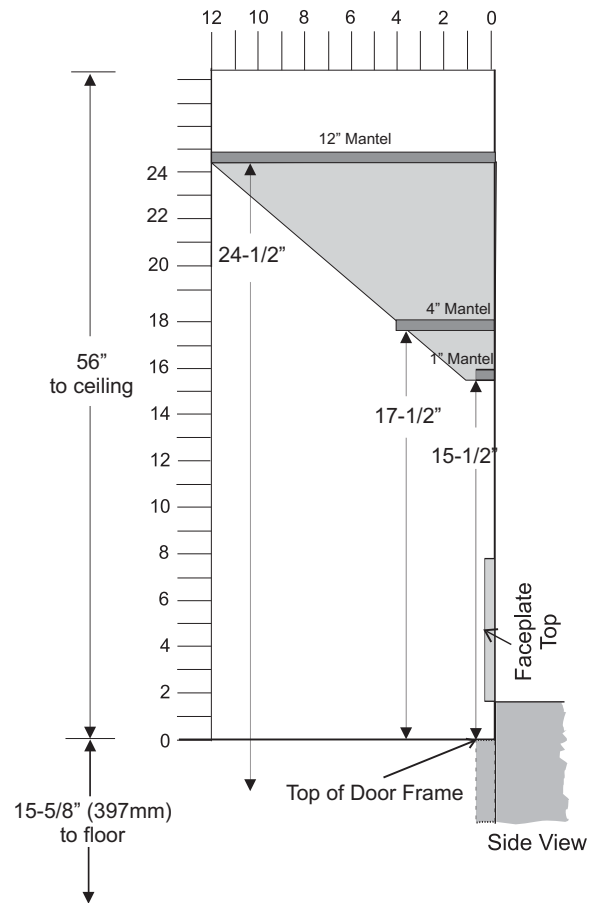


Diagram 1

## VENTING

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

This appliance is designed to be attached to two 3" (76mm) co-linear aluminium flex running the full length of the chimney. The flue length must be a minimum length of 8' (2.44m) and a maximum of 35' (10.7m). Periodically check that the vent is unrestricted.

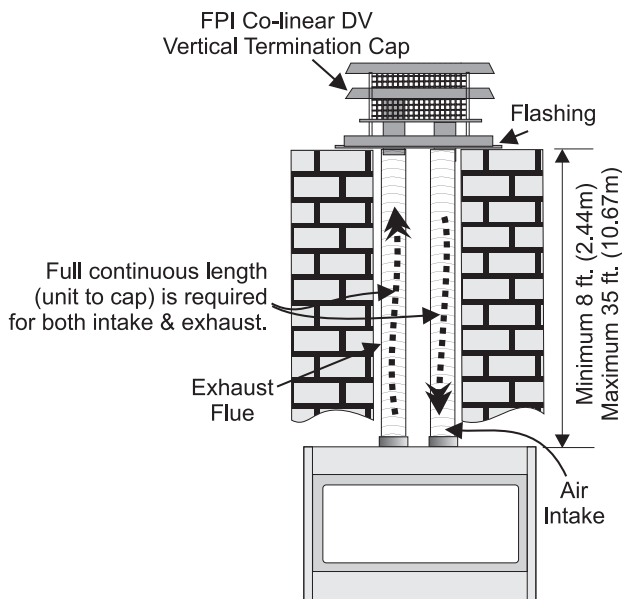
Masonry chimneys may take various contours which the flexible liner will accommodate. However, **keep the flexible liner as straight as possible**, avoid unnecessary bending.

### INSTALLATION WITH 3" & 3" LINERS

Part #	Description
*948-305	3" Flex - 35 ft. (intake & exhaust)
946-529	FPI Co-linear DV Vertical Termination Cap & Flashing

Vent Run	Vent Restrictor Position	Burner Aeration Setting
8' to 35'	1.25"	NG=1/16" LP=3/8"
<b>NOTE:</b> See instructions in the "Vent Restrictor Position" section on positioning of the vent restrictor.		

\* If chimney length exceeds 17-1/2 feet, 2 - 943-305 liners must be ordered.



#### Alternative Approved Venting Components\*

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

In areas of consistently high winds, we recommend using the Simpson Dura-Vent System (46dva-GK adapter and 46dva-VCH high-wind cap). The Air Intake pipe must be attached to the inlet air collar of the termination cap.

**\*NOTE:** Simpson DuraVent can only be used with 3" and 3" liners.

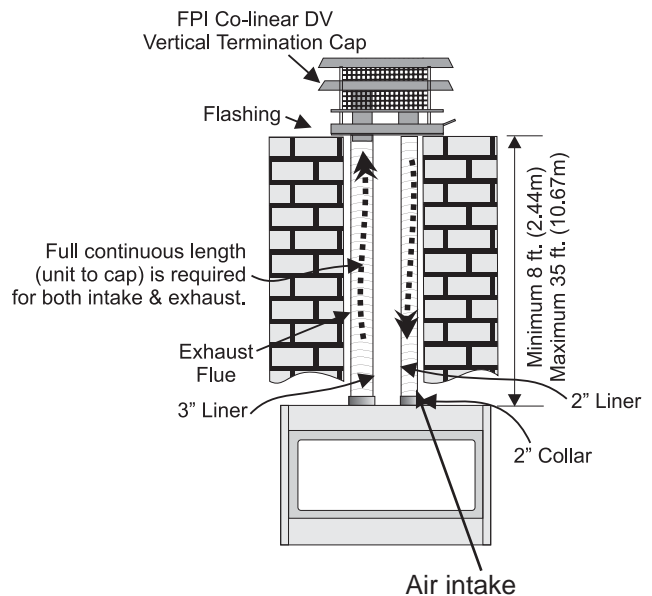
The HZI234E is also approved for use with a 2" liner for air intake and a 3" liner for exhaust. This would be suitable for a Class A wood burning chimney with a minimum 6" round flue.

The chimney must be lined with one 2" diameter liner for intake and one 3" diameter liner for exhaust. The minimum vent length is 8' and maximum is 35'.

### INSTALLATION WITH 3" & 2" LINERS

Part #	Description
948-305	3" Flex - 35 ft. (exhaust)
948-316	2" Flex - 35 ft. (intake)
946-582	FPI Co-linear DV Vertical Termination Cap, Flashing & 2" Collar

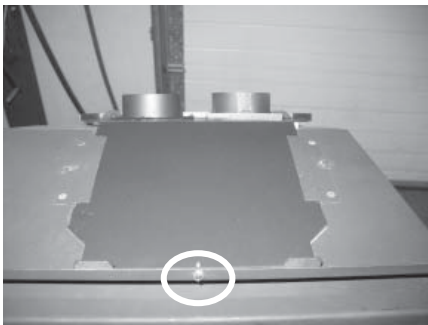
Vent Run	Vent Restrictor Position	Burner Aeration Setting
8' to 12'	1"	NG=1/16" LP=3/8"
12' to 35'	2"	NG=1/16" LP=3/8"
<b>NOTE:</b> See instructions in the "Vent Restrictor Position" section on positioning of the vent restrictor.		



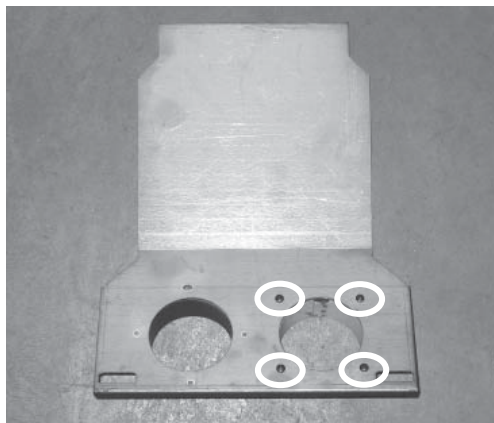
# INSTALLATION

## CONVERTING FROM 3" & 3" VENTING TO 3" & 2"

- 1) Remove the top plate from the unit by undoing the screw at the front of the firebox and slide out towards the back of the unit.

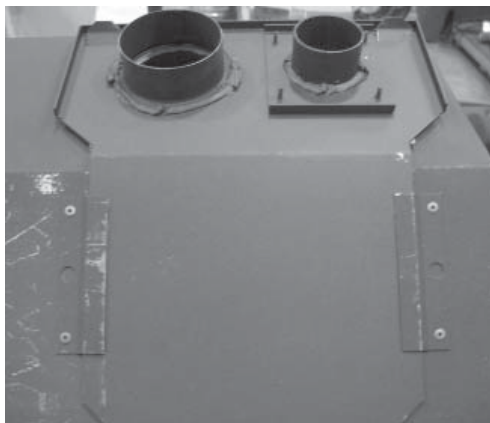


- 2) Remove the 3" collar from the top plate by undoing the 4 screws. **NOTE:** The screws are secured from the underside of the top plate.



*Underside of Top Plate*

- 3) Secure the 2" collar to the top plate using 4 screws in place of the 3" collar.
- 4) Re-install the top plate to the unit.



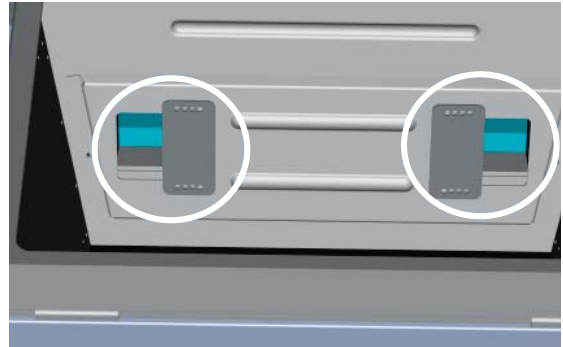
*Top Plate with 2" Collar shown on Unit*

## VENT RESTRICTOR POSITION

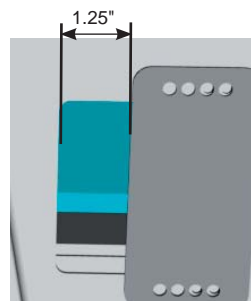
The Vent Restrictor plate is located on the inside top of the firebox.

To change the vent restrictor position, refer to the instructions below;

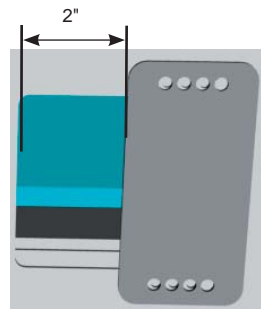
- 1) Remove the glass door.
- 2) Remove panels if installed.
- 3) Remove the 4 screws that hold the vent restrictor plate in place.



- 4) Adjust the vent restrictor plate to the required vent restrictor position.



**Factory Set at 1.25"**



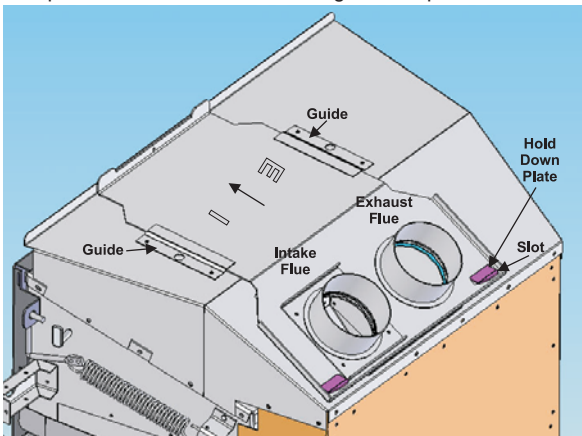
**Adjusted to 2"**

- 5) Once the vent restrictor plate is in the required position, secure using the 4 screws removed from step 3.
- 6) Re-install panels if removed.
- 7) Re-install glass door.



## FLUE LINER INSTALLATION

- 1) Cut the flex liner as required.
- 2) **Mark the end of one liner with an "E" to indicate Exhaust.**
- 3) Connect the other end of the above liner to the exhaust side of the termination cap, seal connection with high temperature silicone. Secure with gear clamp or screws.
- 4) Connect the 2nd liner to the inlet side of the cap, seal connection with high temperature silicone. Secure with gear clamp or screws.
- 5) Install flashing onto top of masonry cap, securing with sealant and mechanical fasteners
- 6) Insert both liners into chimney, passing through the damper opening.
- 7) Install termination cap securing with supplied screws to flashing.
- 8) Connect the **marked end** of the liner to the exhaust collar of the vent connector plate marked with an "E", seal connection with high temperature silicone. Secure with gear clamp or screws.



- 9) Connect the 2nd liner to the intake collar, seal connection with high temperature silicone. Secure with gear clamp or screws.
- 10) Align vent connector plate with guides on unit.
- 11) Slide unit into masonry opening, while ensuring that the slots at the rear of the connector plate mates up with the hold down plate on the unit.
- 12) Secure with screw.

### NOTE:

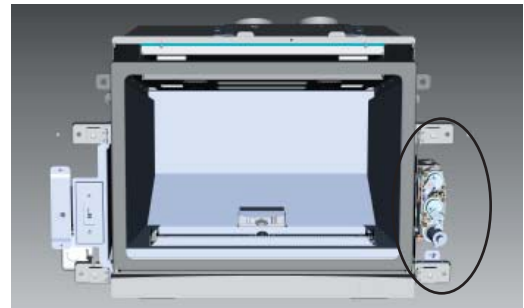
- 1) Final gas connection should be made after unit is in place to avoid damage to the liner when pushing the unit into position.
- 2) Mill-pac may be used instead of high temperature silicone and screws may be used instead of gear clamps at connections of liner to inlet and vent collars.

## GAS CONNECTION

### GAS CONNECTION WARNING:

**Only persons licensed to work with gas piping may make the necessary gas connections to this appliance.**

- 1) When the appliance is to be installed into either an existing masonry chimney system or factory built fireplace, thoroughly clean the chimney before installation.
- 2) A 3/8" NPT gas supply pipe must be brought near the inlet hole. The valve inlet is on the right side of the unit.



- 3) Locate the center point where the vent will pass through the chimney above the appliance. Move the appliance into the exact location where it is to be installed. Ensure that the Insert is level.

**NOTE:** This unit is equipped with a heat sensor thermodisc which will prevent the blower from operating until the unit reaches the correct temperature.

## GAS INSERT AERATION SYSTEM

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

Burner Aeration Setting
NG: 1/16" LP: 3/8"

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

**Note:** Burner assembly will need to be removed in order to adjust the aeration system.

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

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



# INSTALLATION

## HZI234E-NG SYSTEM DATA

Min. Supply Pressure	5" WC (1.25 kpa)
Manifold Pressure	3.5" WC (0.87 kpa)
Orifice Size	#48 DMS
Maximum Input	16,500 Btu/h (4.84 kW)

## HZI234-LP SYSTEM DATA

Min. Supply Pressure	11" WC (2.73 kpa)
Manifold Pressure	10" WC (2.49 kpa)
Orifice Size	#56 DMS
Maximum Input	15,000 Btu/h (4.40 kW)

## HIGH ELEVATION

This unit is approved for altitude 0 to 4500 ft. (CAN1 2.17-M91).

## GAS LINE INSTALLATION

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.

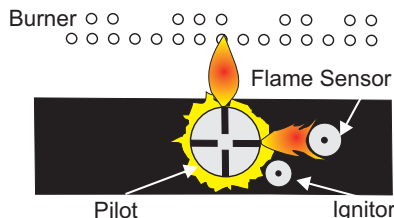
**NOTE: A shutoff / dante valve should be supplied in or near the unit (or as per local codes) for ease of servicing this appliance.**

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

The gas line is located on the right hand side of the appliance.

## 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.

## 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.

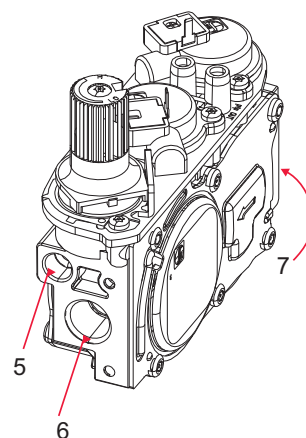
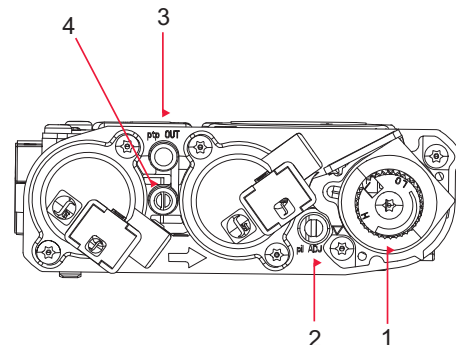
**Note: To properly check gas pressure, both inlet and manifold pressures should be checked using the valve pressure ports on the valve.**

- 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



## CONVERSION FROM NG TO LP

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

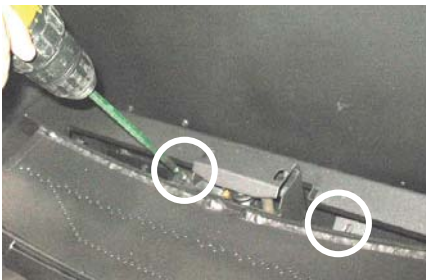
### Each Kit contains one LPG Conversion Kit # 434-972

#### LPG Conversion Kit Contains:

Qty.	Part #	Description
1	904-241	Burner Orifice #56
1	918-590	Decal "Converted to LPG"
1	908-528	Red "LPG" label
1	904-529	5/32" Allen Key
1	910-101	LPG Injector (Pilot Orifice)
1	911-009	Hi/Lo Conversion LP
1	918-862	Instruction Sheet

### Installation of the LPG Conversion Kit: P33SE-4 Only

- 1) Shut off the gas supply.
- 2) a) Remove the Faceplate by lifting it off of the flush door.  
b) Remove the flush door.  
c) Remove the Glass Crystals or Ceramic Stones. Also remove Stainless Steel Panels - if installed.  
d) Remove the 2 screws holding the Burner Assembly to the firebox base. Lift out the burner assembly.



- 3) With Burner Assembly removed, lift out firebox base.



Firebox base

- 4) Remove the pilot cover to expose the pilot cap.



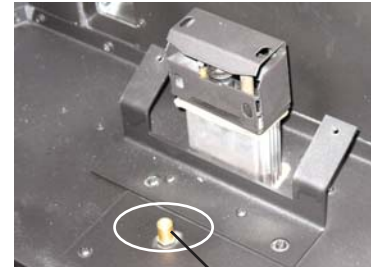
- 5) Pull off the pilot cap to expose the pilot orifice.



- 6) Unscrew the pilot orifice with the Allen key and replace with the LPG pilot orifice in the kit and replace pilot cap.



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



Burner Orifice

- 8) Reinstall new burner orifice LPG stamped #56 and tighten.

- 9) Proceed to section B.

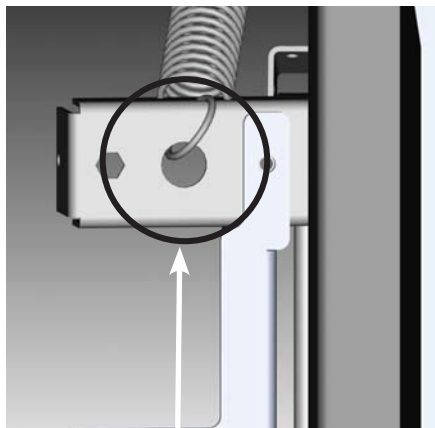
### Installation of the LPG Conversion Kit: HZI234E Only

- 1) Unplug the power source and shut off gas supply.
- 2) Open the left and right side faceplate panels.
- 3) Remove the bottom louver by pulling out.
- 4) Remove the glass door.

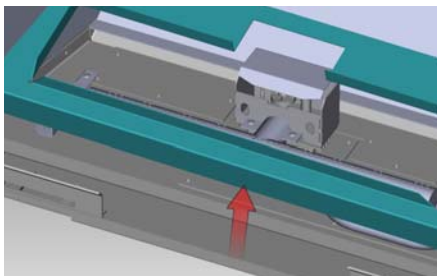
a) Pull off the left side spring hook that holds the door in place. While holding the hook turn it upside down and place it into the middle opening on the top side mounting bracket. Repeat for right side.

b) Swing the door out 45 degrees and lift up and out.

# INSTALLATION



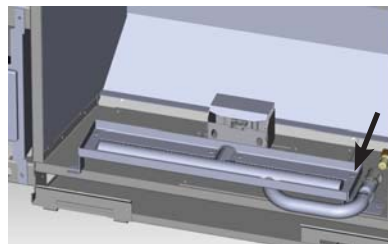
- 5) Remove the crystals.
- 6) Remove panels, if installed.
- 7) Lift out the bottom tray.



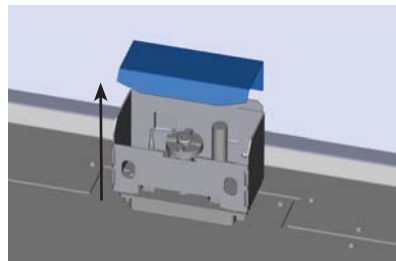
- 8) Remove the burner by removing 3 screws.



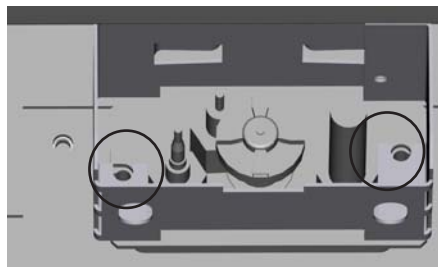
- 9) Slide burner forward and lift up and out.



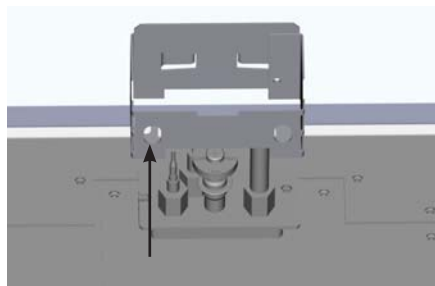
- 10) Pull off the pilot hood cover.



- 11) Loosen 2 screws to release pilot hood.



- 12) Slide pilot hood forward, then pull up and off.



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



- 14) Unscrew the pilot orifice with the Allen key and replace with the LPG pilot orifice in the kit and replace pilot cap.



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

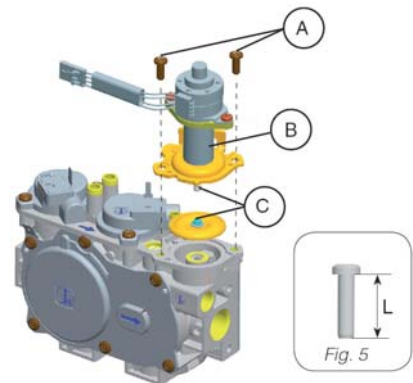


- 16) Reinstall new burner orifice LPG stamped #56 and tighten.

- 17) Proceed to Section B.

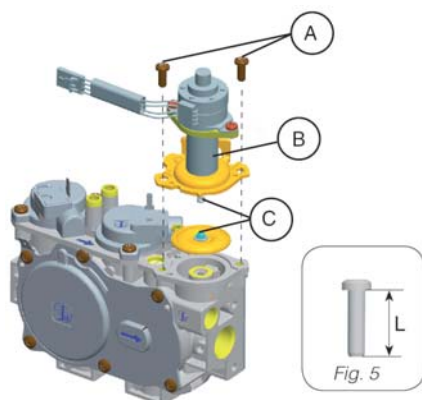
## Section B: For P33SE-4 & HZI234E:

- 1) Remove and discard 2 Pressure regulator screws A (T20 or slot), Pressure Regulator B, Spring and Diaphragm C.



- 2) Ensure the rubber gasket, which is prefitted as part of the assembly, is properly positioned.

Install the new Pressure Regulator using the 2x M4 x .7 screws supplied. Tighten the screws to 25lb-in. In the event that the screw threads are cross threaded or stripped, replace the valve assembly.



- 3) Attach the label "This unit has been converted to LPG" near or on top of the serial # decal.
- 4) Replace yellow "NG" label with red "LPG" label.
- 5) Adjust aeration setting on burner, see aeration adjustment section in manual.
- 6) **P33SE-4:** Reverse steps 4-1 on previous pages.  
**HZI234E:** Reverse steps 12-1 on previous pages..
- 7) Check for gas leaks.
- 8) Check inlet and outlet pressures.
- 9) Check operation of flame control.

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



# INSTALLATION

## GLASS CRYSTALS OR OPTIONAL CERAMIC STONES INSTALLATION ON BURNER

Evenly spread the Glass Crystals or optional Ceramic Spa Stones or Volcanic Stones over the burner. Ensure the crystals (or stones) do not overlap too much as this will effect the flame pattern.

### IMPORTANT NOTE:

Only the supplied approved Glass Crystals and Ceramic Spa / Lava Stones are to be used with these fireplaces. Use of any other type of glass crystals or stones can alter the unit's performance, any damage caused by the use of any unapproved glass or stones will not be covered under warranty.

When using Ceramic Spa/ Lava Stones DO NOT cover burner ports or pilot light that lead to pilot flame. Ensure the crystals or stones do not overlap excessively as this will effect the flame pattern.

BURNER PACKAGES		
Unit	*Glass Crystals	Ceramic Spa / Volcanic Stones
HZ54E / HZ54EPV	3 lbs	1 lb Glass + 2 packages (140 spa stones)
HZ42 / HZ42E / HZ40E	2 lbs	1 lb Glass + 1 package (70 spa stones)
HZ42ST / HZ42STE HZ42STEPV	2 lbs	1 lb Glass + 1 package (70 spa stones)
HZ30E **	1 lb	1 lb Glass + 1 package (70 spa stones)**
HZI234E ***	3/4 lb	3/4 lb Glass + 1 package 70 spa stones)***
HZI390E/ HZI390EB *	7 lbs [4 lbs burner + 3 lbs firebox]	2 lb Glass + 1 package (70 spa stones) / 2 lb Glass + 1 package (volcanic stones)
HZI540EB *	8 lbs [4 lbs burner + 4 lbs firebox]	2 lb Glass + 1 package (70 spa stones) / 2 lb Glass + 1 package (volcanic stones)
HZO42/HZO42 (AUS)	3 lbs	Not Approved
L676S	1 lb	1 package = (70 spa stones)
P33S/P33SE ****	1 lbs	1 package = (70 spa stones)****
PTO30 */Plateau Series	10 lbs	Not Approved
PTO60*	20 lbs	Not Approved
U32S / U32SE	1 lb	1 package = (70 spa stones)
E33S	1 lb	1 package = (70 spa stones)

**NOTE:** \* Glass Crystals are available in 1lb and 5lb bags. All units come standard with Cobalt Blue glass crystals except:  
 \* HZO42 comes with Copper glass crystals.  
 \* HZI390E, HZI390EB, HZI540EB, PTO30, PTO60 & Plateau Series do NOT include glass crystals with units. Must purchase separately.  
 • 1 Ceramic Spa stone package contains 70 stones.  
 \*\* Recommended - use only 40 of the 70 ceramic stones on the **HZ30E** burner.  
 \*\*\* Recommended - use only 24 of the 70 ceramic stones on the **HZI234E** burner.  
 \*\*\*\* Recommended - use only 50 of the 70 ceramic stones on the **P33S/P33SE** burner.



*Glass Crystals shown on Burner  
For Units HZ54E, HZ54EPV, HZ42ST, HZ42STE, HZ42STEPV,  
HZI234E, HZ42E, HZ42, HZ40E, HZ30E,  
HZO42, HZO42 (AUS) PTO30, PTO60 Plateau Series only*



*Optional Ceramic Spa Stones + Glass Crystals shown on burner.  
For Units HZ54E, HZ54EPV, HZ42ST, HZ42STE, HZ42STEPV,  
HZI234E, HZ42, HZ42E, HZ40E, HZ30E only*



*Glass Crystals shown on Burner  
For units P33S, P33SE, L676S, U32S, U32SE, E33S only*



*Optional Ceramic Spa Stones shown on burner.  
For units P33S, P33SE L676S, U32S, U32SE, E33S only*



*Glass Crystals shown on Burner and Firebox Floor  
For Units HZI390E, HZI390EB, HZI540EB only*

## OPTIONAL PEBBLE / CRYSTAL INSTALLATION FOR FIREBOX BASE

Firebox (Around Burner) Packages		
Unit	Glass Crystals	Pebbles
HZ54E / HZ54EPV	6 lbs	2 packages (6 x bags pebbles)
HZ42 / HZ42E / HZ40E	5 lbs	2 packages (6 x bags pebbles)
HZ42ST / HZ42STE / HZ42STEPV	5 lbs	2 package (6 x bags pebbles)
HZ30E	2 lbs	1 package (3 x bags pebbles)
HZI540EB	4 lbs	1.5 packages (4 x bags pebbles)
HZI390E/ HZI390EB	3 lbs	1 package (3 x bags pebbles)
HZI234E	2 lbs	1 package (3 x bags pebbles)
HZO42 / HZO42 (AUS)	3 lbs	1 package (3 x bags pebbles)
P33S / P33SE	3 lbs	1 package (3 x bags pebbles)
U32S / U32SE	3 lbs	1 package (3 x bags pebbles)
E33S	3 lbs	1 package (3 x bags pebbles)

There are 2 optional packages to choose from to cover the firebox base:

- 1) Natural River Pebbles
- 2) Glass Crystals (4 colors available)

Spread the pebbles / crystals evenly on the exposed base of the firebox. Pebbles are **NOT** to be placed anywhere on the burner or over top of the Glass Crystals or optional Ceramic Spa Stones.

**IMPORTANT NOTE:** Only the supplied and approved pebbles / glass crystals are to be used with these fireplaces. Use of any other type of pebbles, glass crystals or other material can create a danger and will void the warranty.



*Natural River Pebbles shown surrounding the a Horizon Burner*



*River Pebbles shown surrounding a Sunrise Burner*



*Glass Crystals shown surrounding the Burner*

## REFLECTIVE PANEL INSTALLATION

Before installation, panels must be handled and cleaned as per instructions noted below:

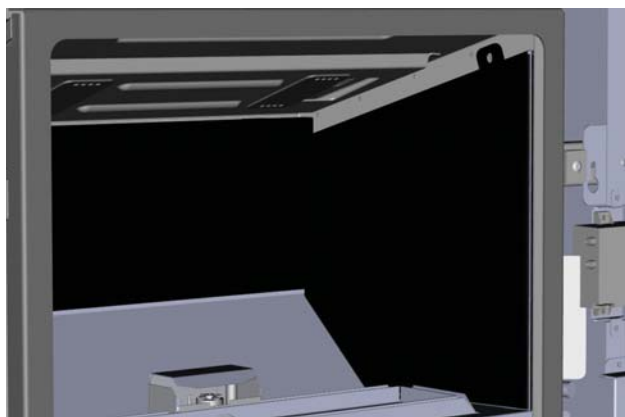
### Black Enamel Panels

- 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.
- \* All hand and finger marks **MUST** be cleaned off with a soft cloth. Use an ammonia based cleaner (ie. glass cleaner) to remove any finger-prints before applying heat to the unit.  
**Failure to do this will result in burn stain on panels which you will be unable to remove.** Not protected by product warranty.

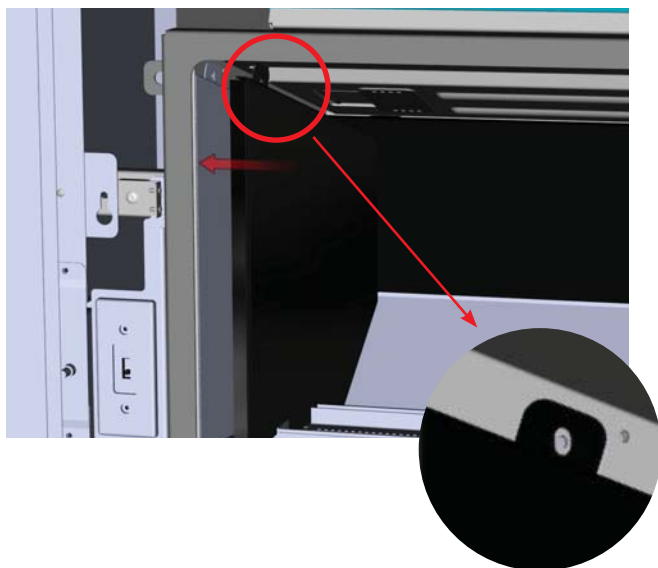
- 1) Remove the faceplate and glass door if already installed - see manual for instructions.
- 2) Remove existing panels from unit.
- 3) Install the back panel first. Tilt the panel forward - position the bottom of the panel first. Use care not to scratch or mark the panel on the pilot shield.



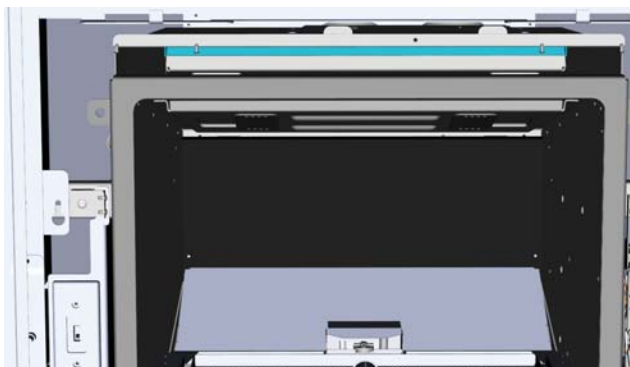
- 5) Install the right side panel - secure in position with one panel clip and one screw.



- 4) Install the left side panel - secure in position with one panel clip and one screw, as shown in the diagram below.



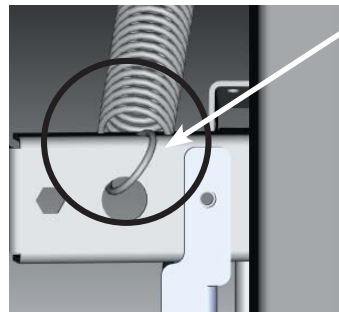
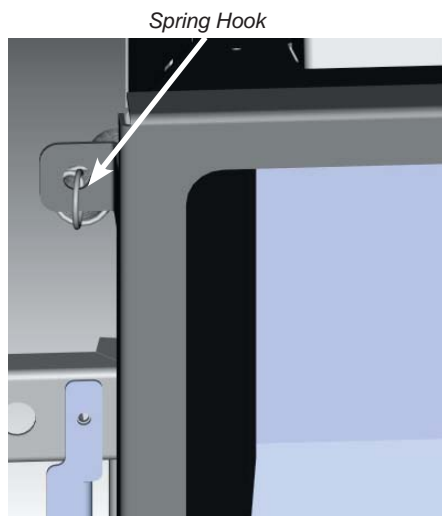
- 6) Reinstall glass door - reinstall faceplate.
- 7) Final installation





## GLASS DOOR REMOVAL / INSTALLATION

- 1) Remove the glass door.
  - a) Pull off the left side spring hook that holds the door in place. While holding the hook turn it upside down and place it into the middle opening on the top side mounting bracket. Repeat for right side.
  - b) Swing the door out 45 degrees and lift up and out.



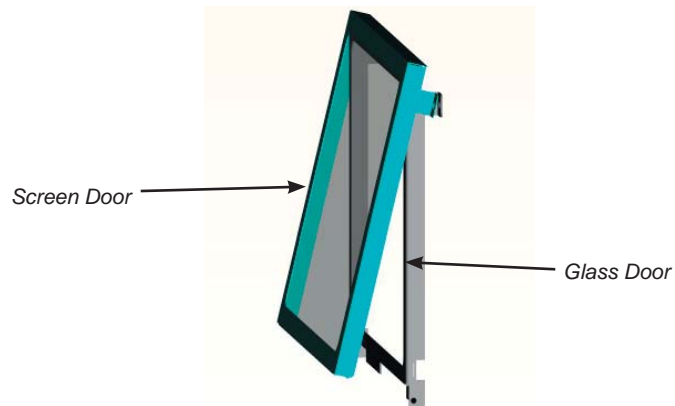
Top Mounting Bracket



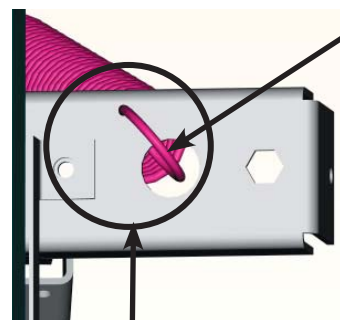
- 2) To install the door - reverse steps.

## OPTIONAL SCREEN DOOR REMOVAL / INSTALLATION

- 1) Remove the glass door.
- 2) Hook the screen door over top of the glass door.



- 3) Install the screen door and glass door as one onto the unit.
  - a) Pull off the left side spring hook from the top mounting bracket. Place the spring hook through the glass door and screen door. Repeat for right side.



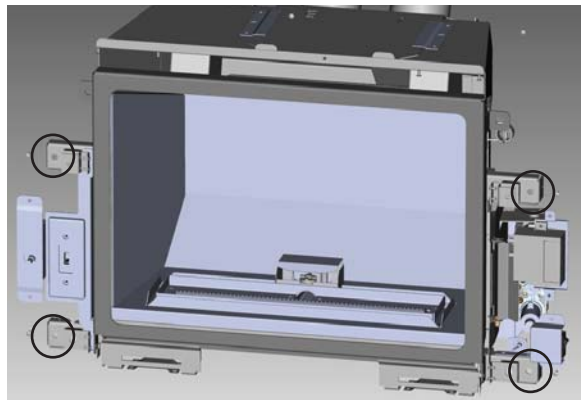
Top Mounting Bracket



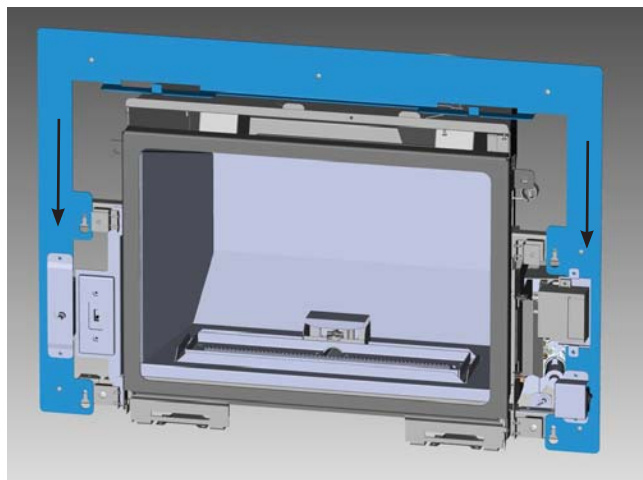
# INSTALLATION

## LOW PROFILE FACEPLATE INSTALLATION (3 AND 4 SIDED)

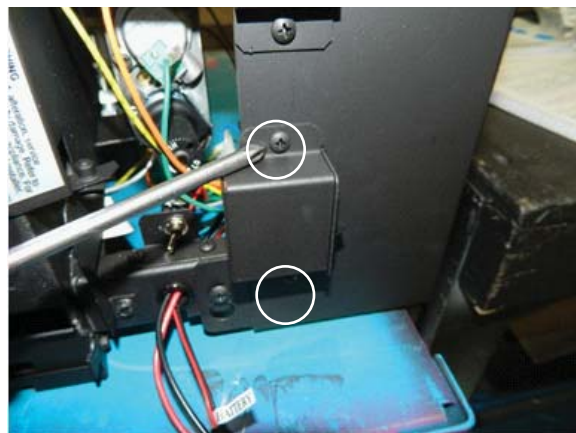
- 1) Install 4 screws on sides of unit - in locations show below - do not tighten screws.



- 2) Install the faceplate backing plate - slide the keyhole slots on the faceplate over the screws installed in Step 1. When in position, tighten screws.



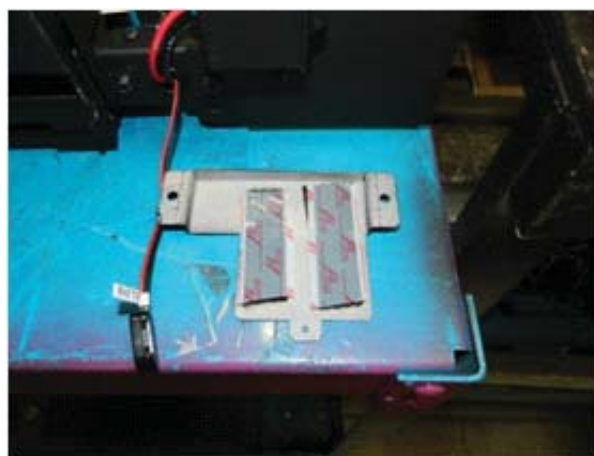
- 3) From the right side of the unit, remove the on/off switch box cover, one screw top and bottom. Connect the red female ON/OFF valve connectors to the ON/OFF switch located on the right faceplate panel.



- 4) Remove the battery pack holder from the right hand side faceplate.



- 5) Peel off the tape from the velcro strips and install batteries into the Battery Pack Holder (batteries are included with packaged manual).



- 6) Place battery pack onto Velcro strips from right faceplate panel.

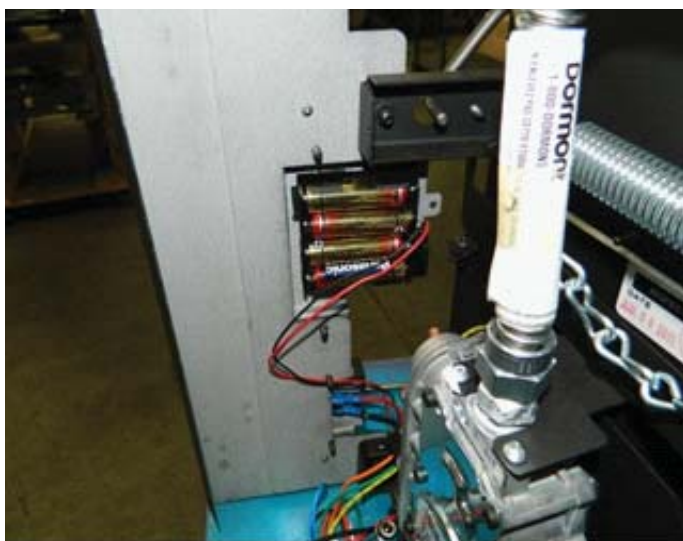


7) Connect the red/black wires (tagged battery).

8) Install 4 - AA batteries. (Do not connect a 9V battery).



9) Reattach the battery pack holder to the faceplate and ensure the loose wires are away from the side of the firebox.

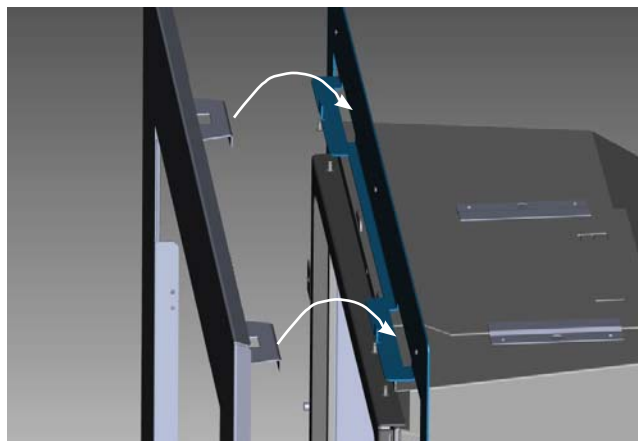


10) Connect the fan rheostat to the wires from the unit behind the left side of the backing plate as shown below.

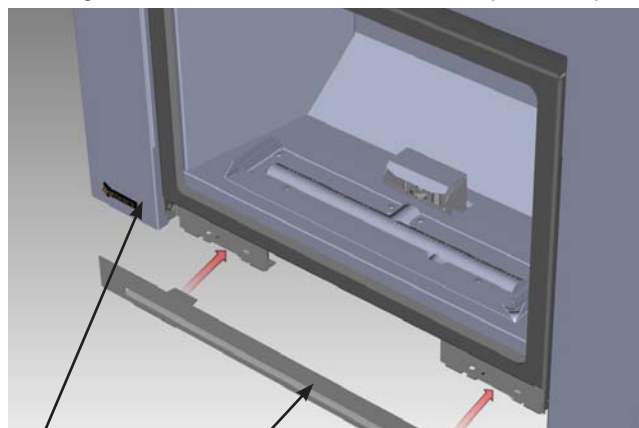
**NOTE:** Ensure connectors are tucked in behind the back of the faceplate panel.



11) Hook the front faceplate over the installed backing plate.



12) Install the bottom louver by placing the louver tabs into the slots on the bottom of the unit - in locations shown below.  
Install logo in lower left hand corner of the front low profile faceplate.



Logo

Bottom louver



## CONTOUR & CONTEMPORARY FACEPLATE

### Faceplate Contents List:

1	Faceplate (Contour or Contemporary)
1	Louver (Contour or Contemporary)
4	Screws (10-24 x 1/2" Pan Head Phillips Black)
2	Wire Clips
1	Cable Tie

### Faceplate Installation:

- 1) Place the 4 10-24 x 1/2" screws into the faceplate mounting brackets as identified in diagram 1.

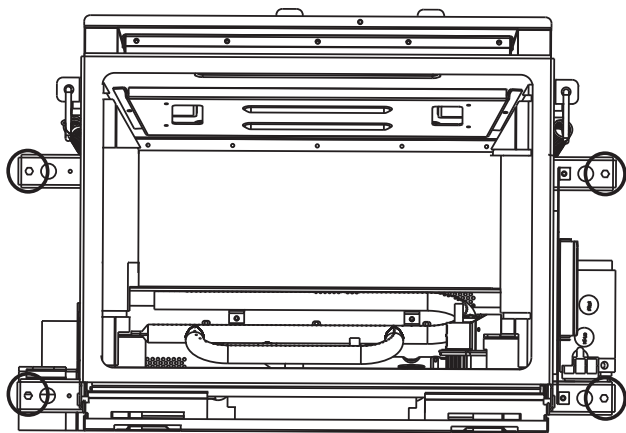
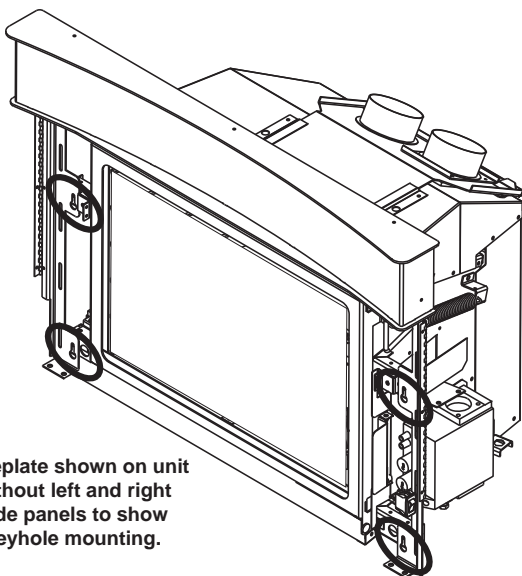


Diagram 1

- 2) Open the left and right side faceplate panels of the faceplate.
- 3) Mount the faceplate onto the unit by aligning the 4 key hole slots in the faceplate with the screws installed to the mounting brackets on the unit. Tighten screws to secure. See diagram 2.



Faceplate shown on unit without left and right side panels to show keyhole mounting.

Diagram 2

- 4) Place the 2 wire clips on the inside of the right faceplate panel as shown in diagram 3.

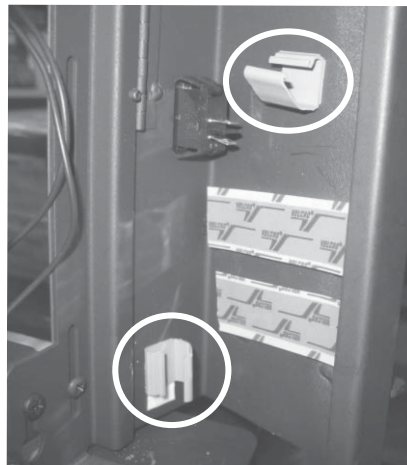


Diagram 3

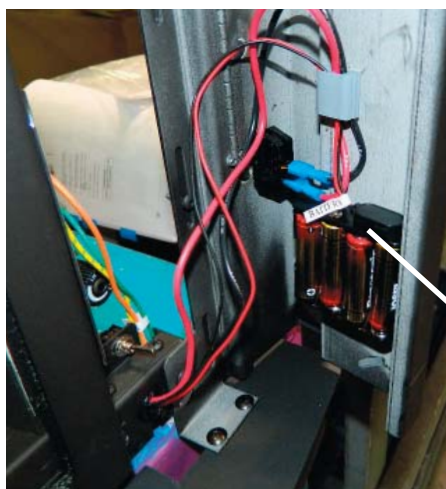
- 5) From the right side of the unit connect the red female ON/OFF valve connectors to the ON/OFF switch located on the right faceplate panel. See diagram 4.

ON/OFF Connectors



Diagram 4

- 6) Peel off the tape from the velcro strips and mount the battery pack to the velcro on the inside of the right faceplate panel as shown in diagram 5.



Battery Pack

Diagram 5

- 7) Secure the loose wires into the wire clips above and to the bottom left of the battery pack as shown in diagram 6.

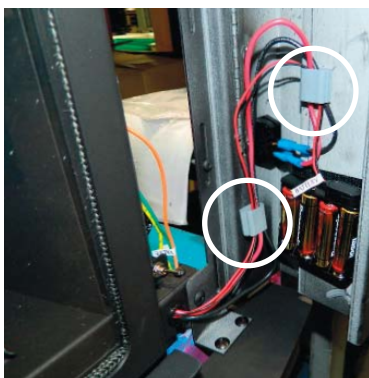


Diagram 6

- 8) Close the right side faceplate panel.
- 9) Remove the grommet from the bracket on the left side of the unit. See diagram 7.

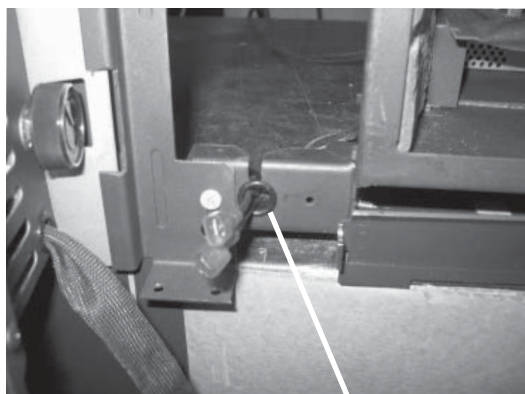


Diagram 7

Grommet

- 10) From the left side faceplate panel expose the fan reostat wires from the sleeve and connect them to the wires from the unit as shown in diagram 8.

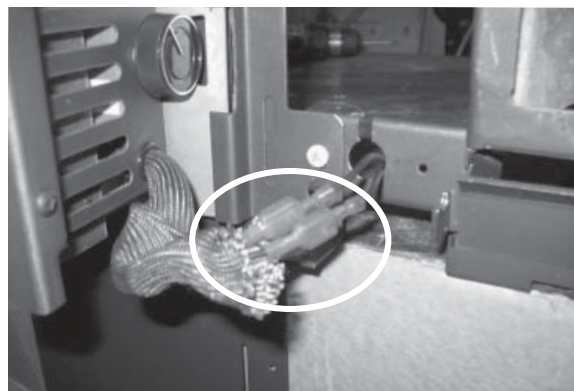


Diagram 8

- 11) Tuck the wires completely into the sleeve and place the supplied cable tie to the end of it as shown in diagram 9.

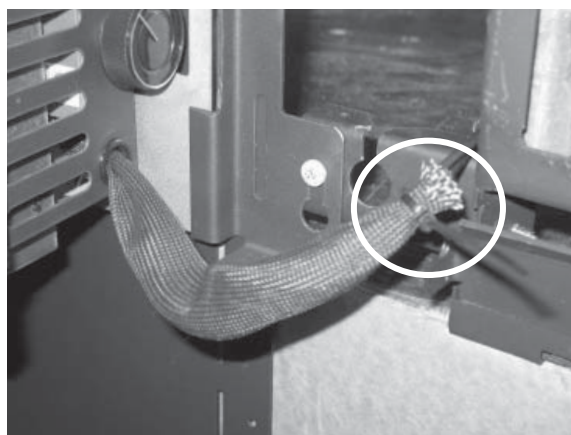


Diagram 9

- 12) Place the grommet removed from step 10 over the sleeve (see diagram 9) and put back in place (see diagram 10).

**NOTE:** Ensure connectors are tucked in behind the mounting bracket to allow the side faceplate panel to close easily.

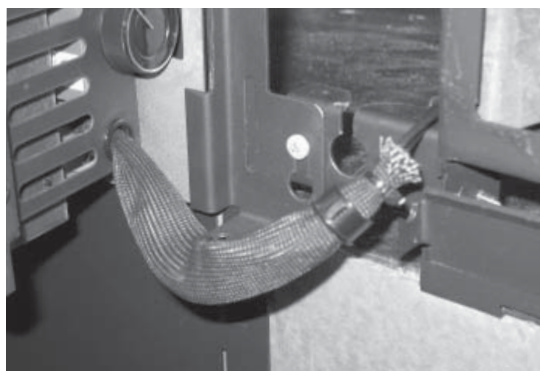


Diagram 10

# INSTALLATION

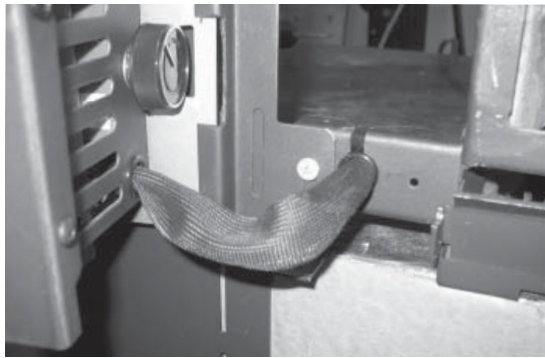


Diagram 11

- 13) Re-install the remote receiver bracket (reverse step 10).
- 14) Close the left side faceplate panel.
- 15) Fit the bottom louver into the slots at the bottom of the firebox as shown in diagram 12.

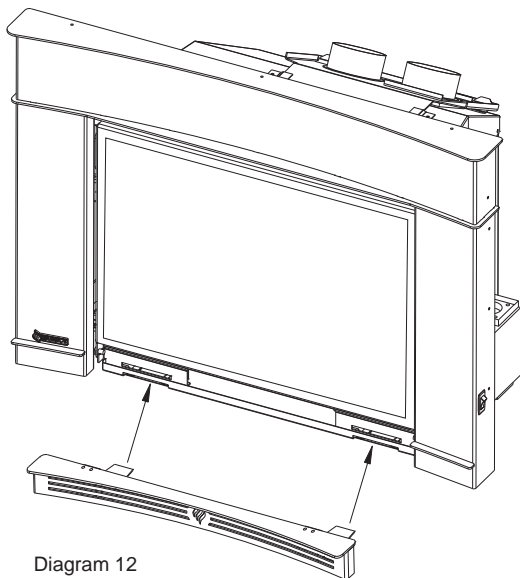
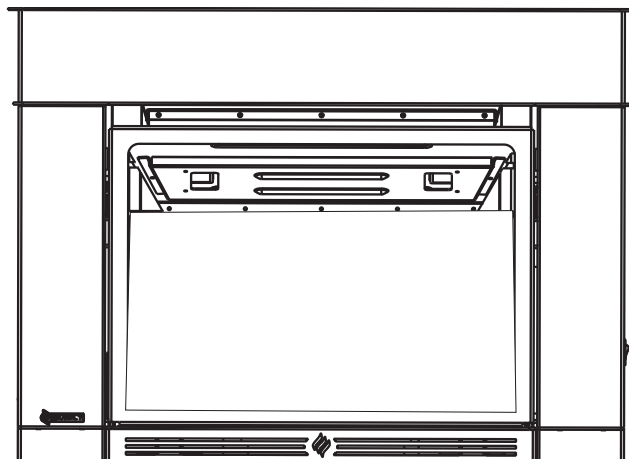
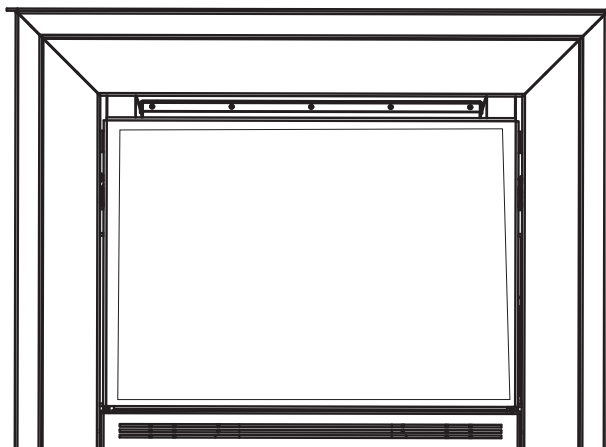


Diagram 12

## Completed Faceplate Installation:



Contemporary Faceplate



Contour Faceplate

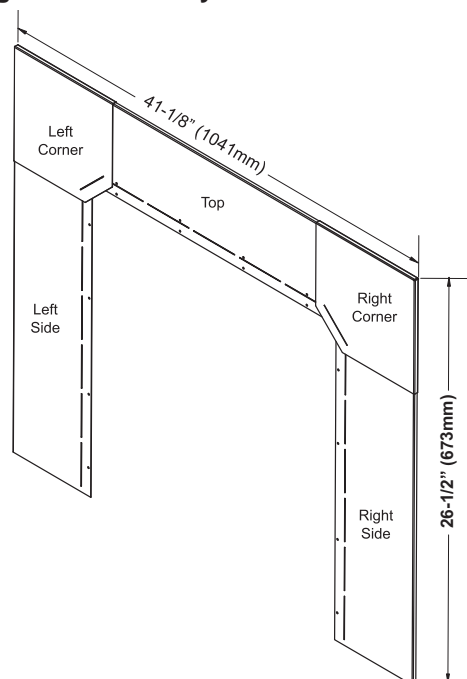
## OPTIONAL BACKING PLATE

**Note:** Only used with either the contour or contemporary faceplate.

### Backing Plate Contents List:

9	Screws (#8 x 1/2" Type B Black)
1	Backing Plate

### Backing Plate Assembly:

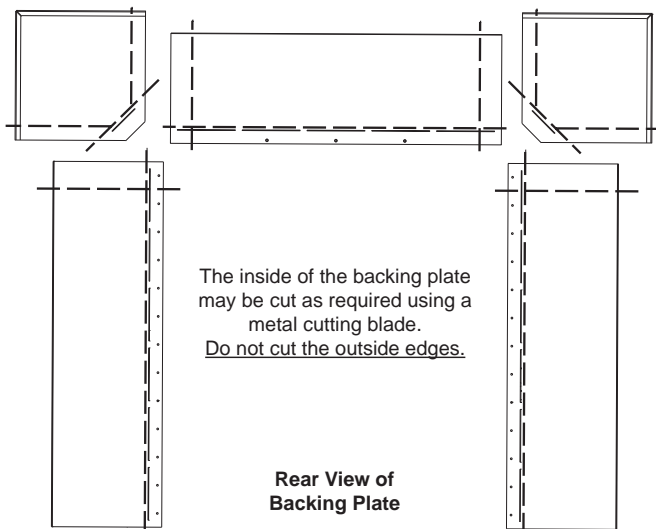


### Customize Backing Plate:

The Backing Plate can be adjusted to custom fit an installation by trimming the inside of the top, corner and side pieces as shown in the diagram below. The dotted lines shown are only an example of where you can cut. Cuts can be made beyond these marks as required.

Trim the backing plate using a metal cutting blade. No cut edges will be exposed once installation is complete.

**NOTE:** In place of where any existing screw holes are cut, new holes will need to be drilled for attachment.



### Backing Plate Installation:

#### Attach Top Backing Plate to Faceplate

- 1) Remove the faceplate (Contour or Contemporary) from the unit if already installed.
- 2) Lay the faceplate on its front, on a soft surface to prevent scratching.
- 3) Attach the top piece of the backing plate to the faceplate using 5 screws provided as shown in diagram 1.

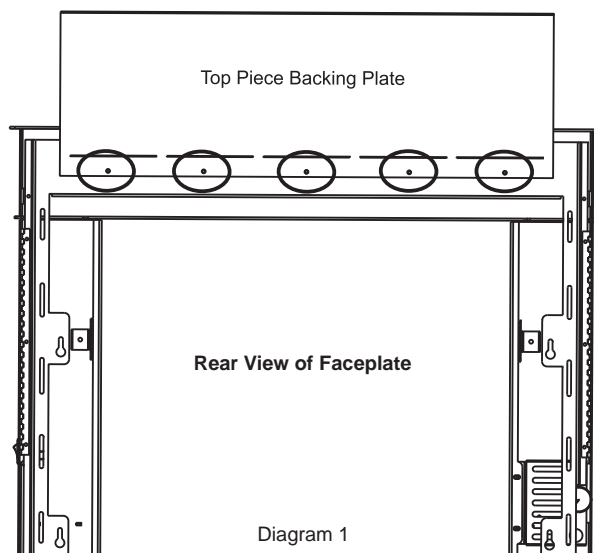


Diagram 1

#### Attach Faceplate & Top Backing Plate to Unit

- 4) Place the 4 10-24 x 1/2" screws into the faceplate mounting brackets as identified in diagram 2. Screws are provided with faceplate packaging.

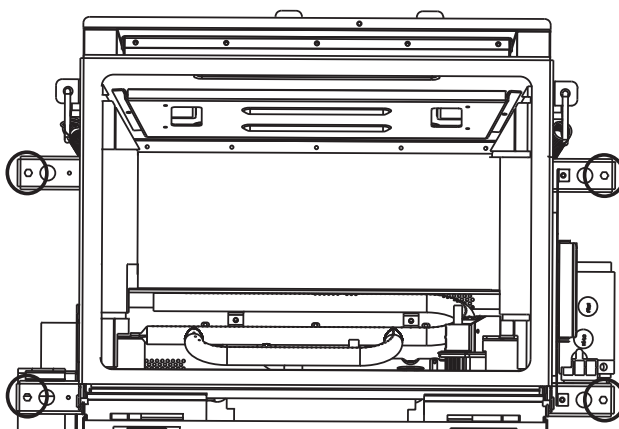
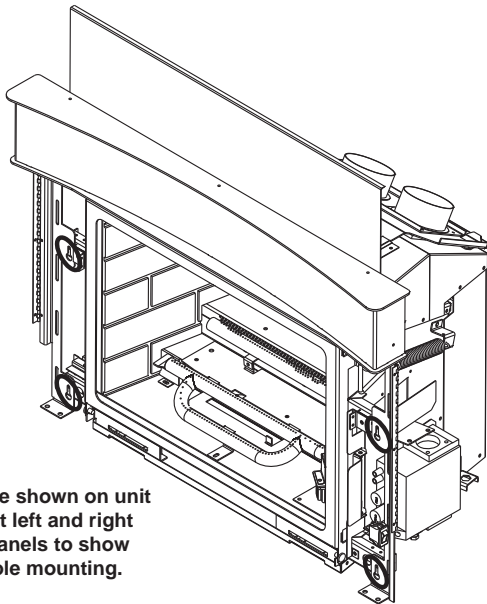


Diagram 2



# INSTALLATION

- 5) Open the left and right side faceplate panels of the faceplate.
- 6) Mount the faceplate onto the unit by aligning the 4 key hole slots in the faceplate with the screws installed to the mounting brackets on the unit. Tighten screws to secure. See diagram 3.

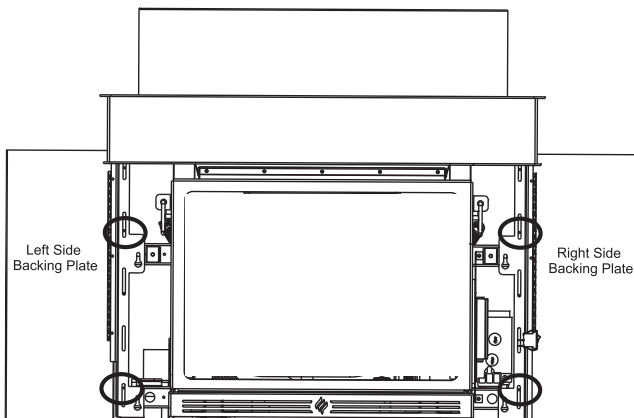


Faceplate shown on unit without left and right side panels to show keyhole mounting.

Diagram 3

## Attach Left & Right Backing Plate to Faceplate

- 7) Align the screw holes on the left and right side backing plate with the oblong openings in the faceplate and secure in place using a minimum of 2 screws on each side as shown in diagram 4.



Faceplate shown on unit without left and right side faceplate panels to show mounting of left and right side backing plate.

Diagram 4

- 8) Close the left and right side faceplate panels.

## Attach Left & Right Corner Backing Plate

- 9) Place the right side corner backing plate over the top and right side backing plate. Push in place to secure, see diagram 5. Repeat for left side.

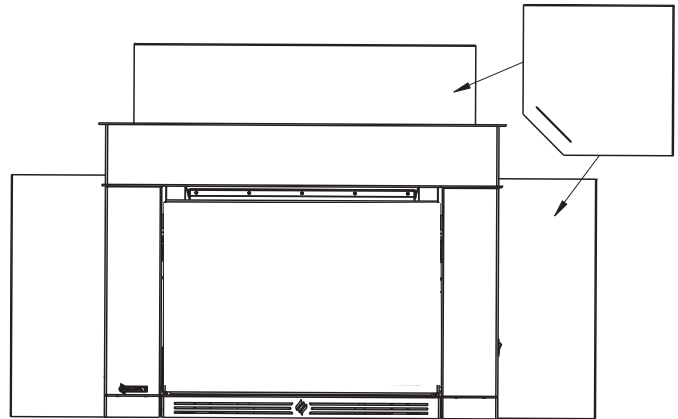
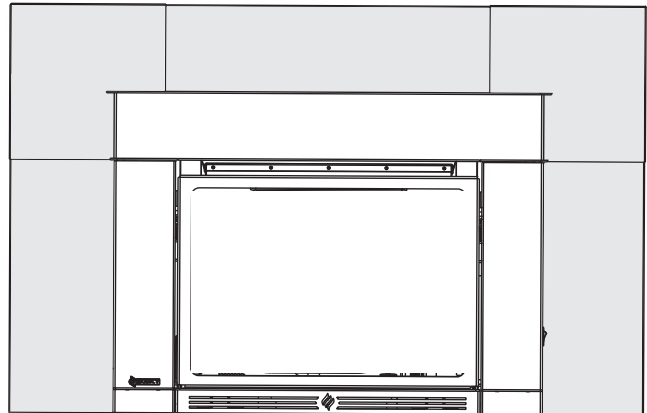


Diagram 5

## Completed Backing Plate Installation:



## OPTIONAL HEARTH TRIM-CONTOUR/STANDARD FACEPLATE

**Note:** Only used with either the contour or contemporary faceplate.

### Hearth Trim Contents List:

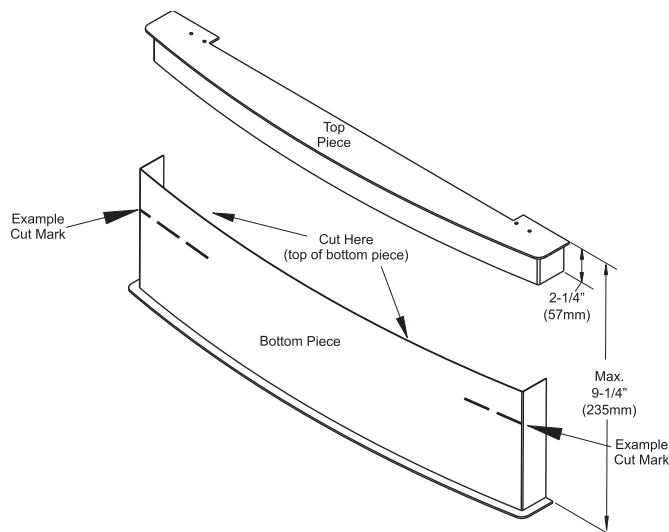
4	Screws (10-24 x 1/2" Truss Head)
1	Hearth Trim

### Customize Hearth Trim:

- The Hearth Trim can be adjusted to custom fit an installation by pulling apart the top piece from the bottom piece.
- Cut the top of the bottom piece of the hearth trim to the appropriate height using a metal cutting blade.

**NOTE:** The tab bends at the back of the top piece of the hearth trim should be used as the measuring point to the hearth to measure the height required.

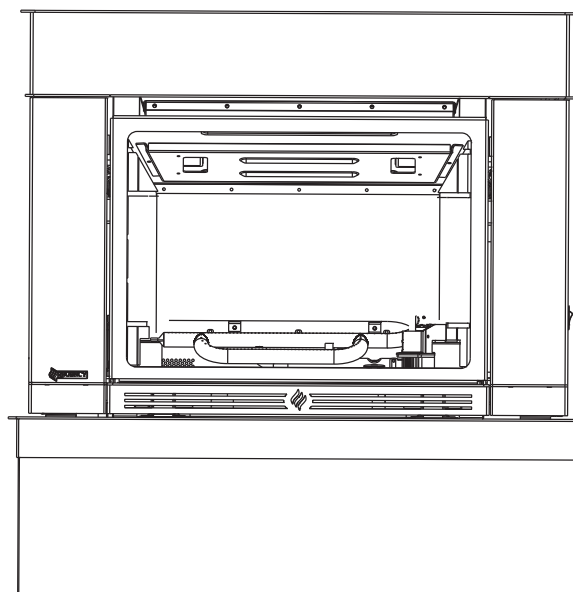
- Reattach the top piece of the hearth trim to the cut bottom piece by fitting in place.



Faceplate shown without left and right side panels to show mounting of hearth trim.

Diagram 1

### Completed Hearth Trim Installation:



### Hearth Trim Installation:

- Open the left and right side faceplate panels.
- Align the screw holes on the hearth trim with the screw holes on the flanges on the left and right side faceplate. Secure in place using 2 screws on each side as shown in diagram 1.
- Close the left and right side faceplate panels.

## OPTIONAL HEARTH TRIM - LOW PROFILE FACEPLATE

### Hearth Trim Contents List:

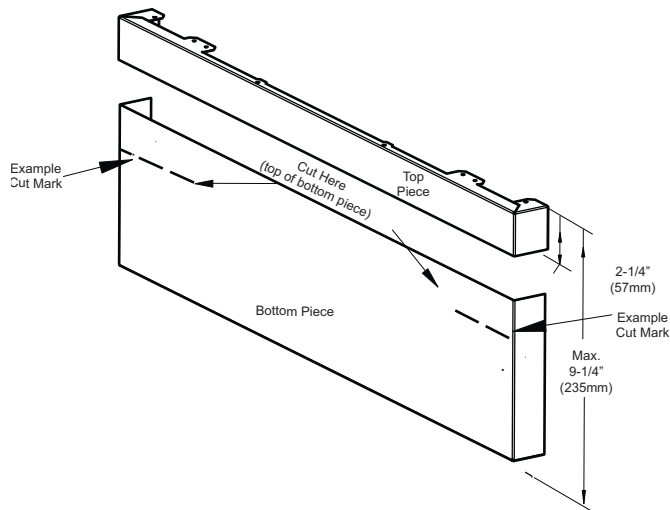
- |   |             |
|---|-------------|
| 2 | #8 Screws   |
| 1 | Hearth Trim |

### Customize Hearth Trim:

- The Hearth Trim can be adjusted to custom fit an installation by pulling apart the top piece from the bottom piece.
- Cut the top of the bottom piece of the hearth trim to the appropriate height using a metal cutting blade.

**NOTE:** The tab bends at the back of the top piece of the hearth trim should be used as the measuring point to the hearth to measure the height required.

- Reattach the top piece of the hearth trim to the cut bottom piece by fitting in place.



### Hearth Trim Installation:

- Align the screw holes on the hearth trim with the screw holes on the flanges on the left and right side of the unit. Secure in place using 2 screws on each side as shown in diagram 1.
- Install faceplate.

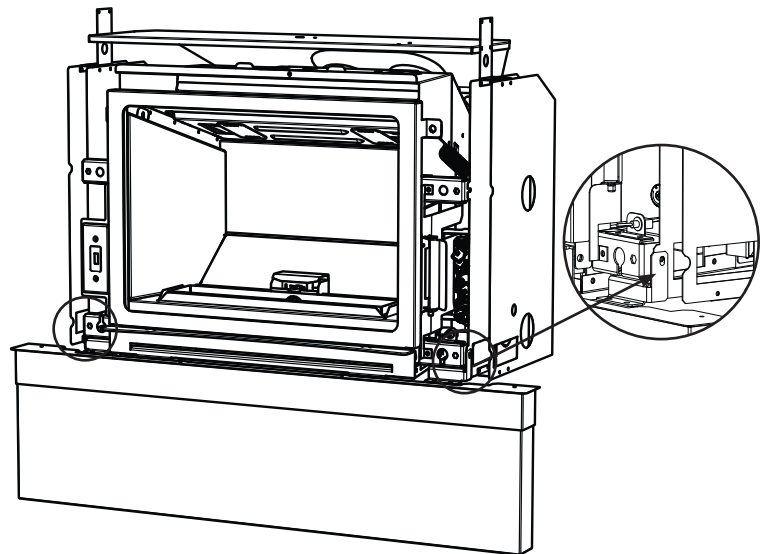
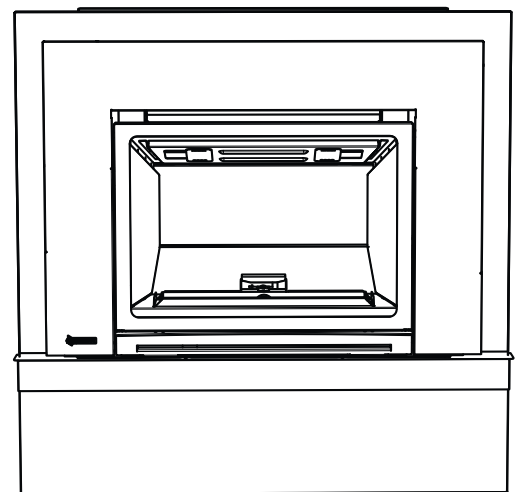


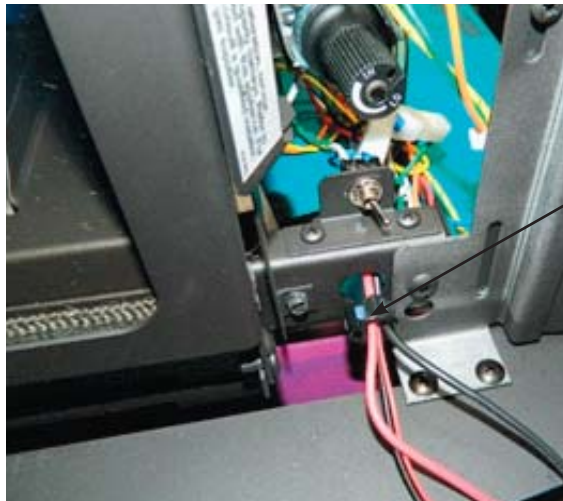
Diagram 1

### Completed Hearth Trim Installation:



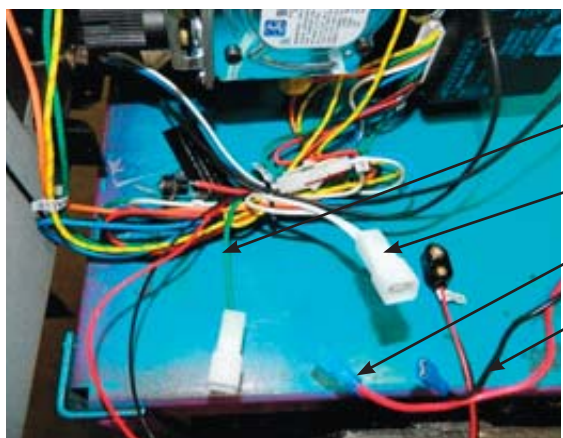
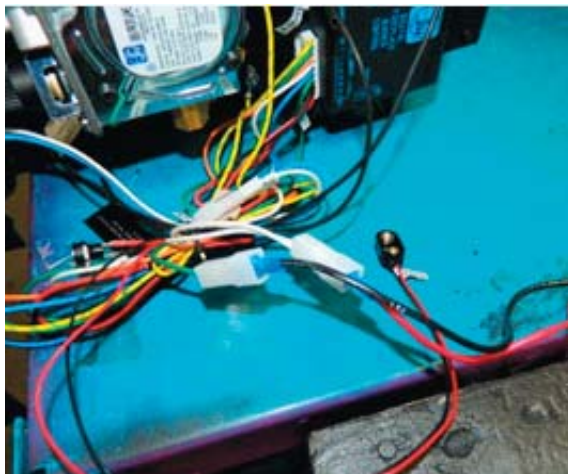
## PROFLAME REMOTE CONTROL RECEIVER INSTALLATION

- 1) Remove faceplate if installed.
- 2) From the right side of the unit, locate and remove the grommet holding the on/off switch black and red wires and the battery pack wires.



Grommet

- 3) Pull wires back through opening. Access white and green wires from wire harness. Disconnect Red and Black from the Green and White wire.



Green

White

Red

Black

- 4) Install Remote Receiver into left side opening, secure with two screws. Holes are pre-punched in frame. Be sure arrow on receiver is point up.



Remote Receiver



- 5) Feed the receiver end of the wire harness under the front edge of firebox from right to left.

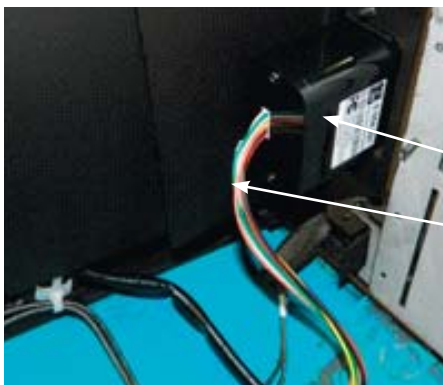




# INSTALLATION

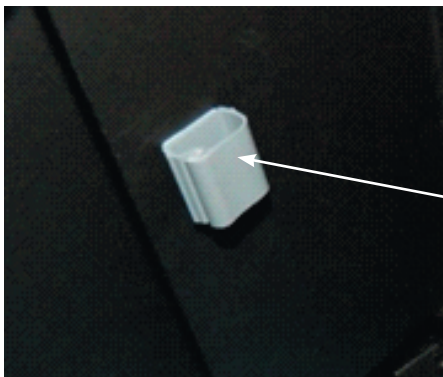


- 6) Connect the wire harness to the back of the remote receiver; Place wire clip holder on the side heat shield and put exposed wires into the clip holder.



Receiver

Wire harness



Wire Clip

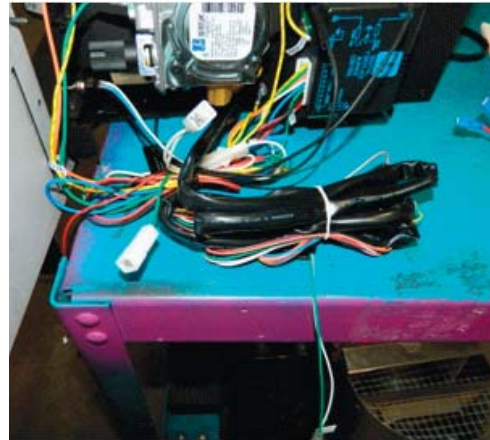
- 7) Place the wire harness under the firebox into the wire clip holders



Wire harness

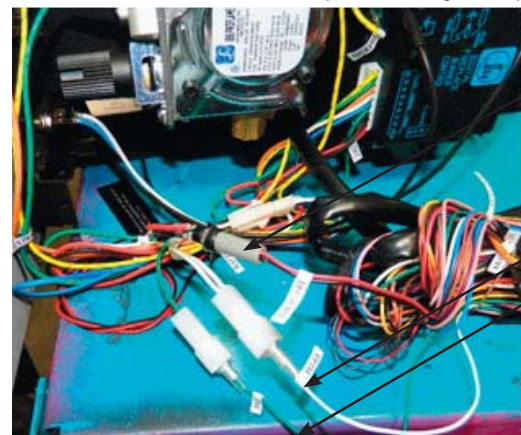
Wire Clip

- 8) Bundle up excess wire harness leaving out the Green (TH) and White (TH/TP) wires from the Digital fireplace control wire harness, also leave out the DFC supply wire (black/red).



- 9) Connect the green wire (TH) to the green (TH) – connect the white (TH/TP) to white TH/TP) and finally connect the red/black DFC supply to the red/black DC supply wire.

The Remote receiver will now power the digital fireplace control board.



DFC - DC supply connection

TH/TP

TH

- 10) Install batteries into the remote receiver, program handheld to receiver following the installation instructions provided, and then install the small remote receiver cover plate.



Remote Receiver

Cover Plate



- 11) Program remote as per Proflame remote manual.

- 12) Reinstall faceplate.

## OPTIONAL WALL THERMOSTAT INSTALLATION

This installation must be completed during initial install with the side access panel removed.

A wall thermostat may be installed if desired.

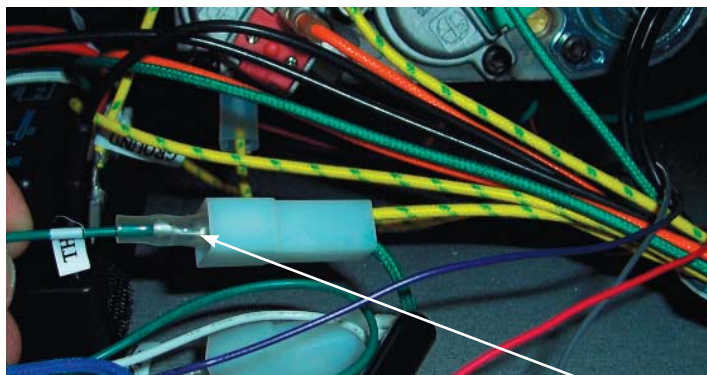
Recommended: Mount thermostat beside unit receiver.

1) Run wires from thermostat into the unit using the appropriate wire gauge - see chart below.

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

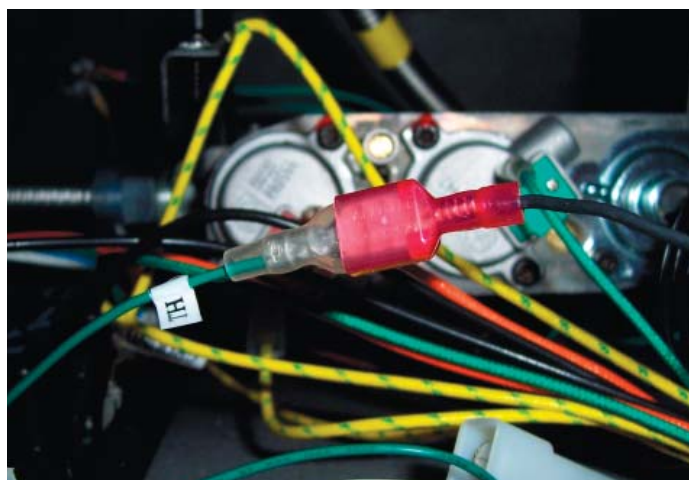
**CAUTION**  
Do not wire millivolt  
Thermostat wires  
to 120V wire.

2) Remove the green wire marked (TH) at the white connector - shown below.

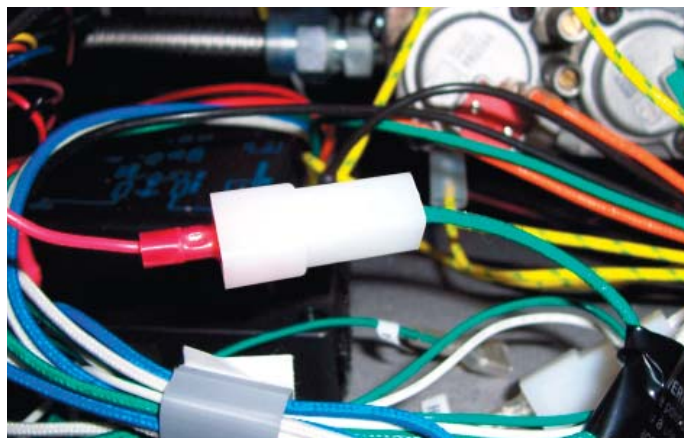


Disconnect TH wire

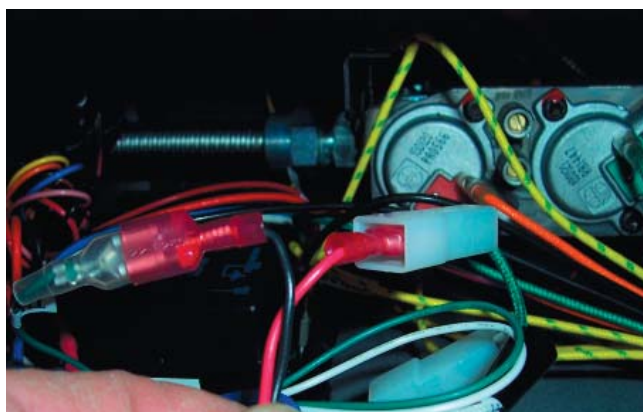
3) Connect one thermostat lead to female connector, using male spade connector - see pic below.



4) Connect one thermostat lead to male connector using female spade connector - see pic below.



When complete turn remote receiver to the ON position.  
Unit will now operate using the wall thermostat.





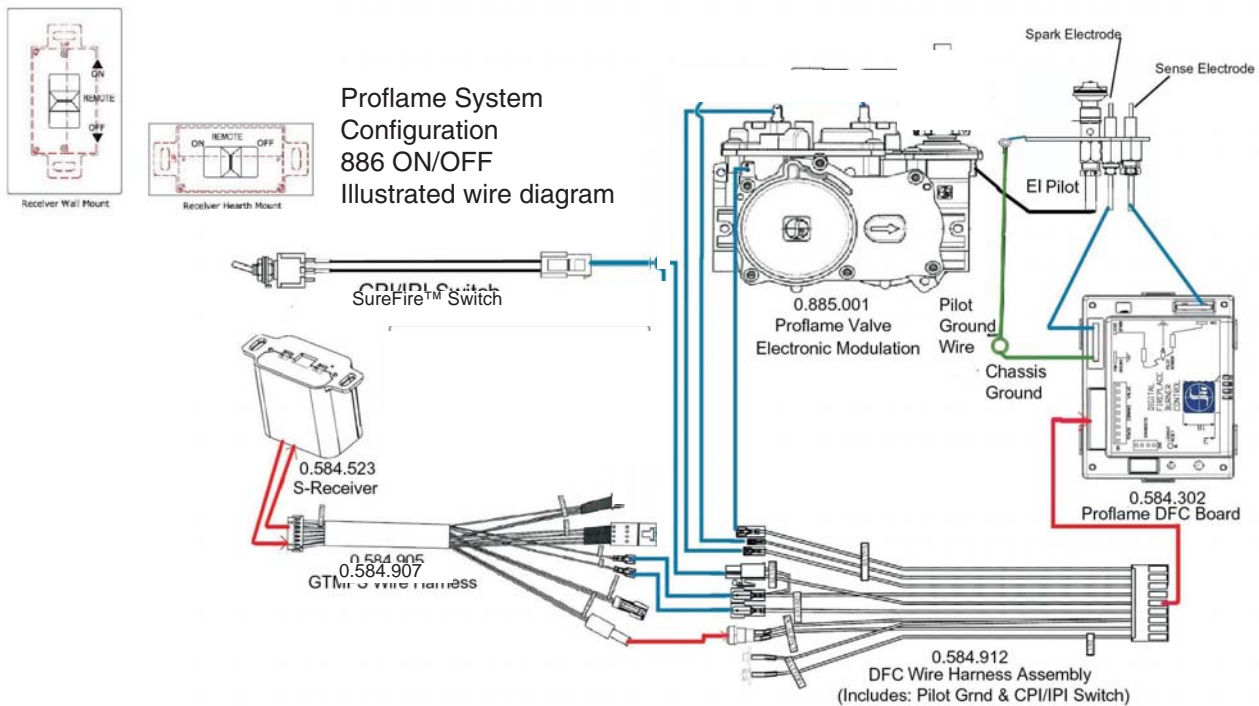
# INSTALLATION

## WIRING DIAGRAM

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.)

### PROFLAME REMOTE SYSTEM GT/GTM



**Note:** 4 AA batteries must be installed to operate the burner switch.  
Do not use a 9 volt battery.

**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.

**GTM remote system Important:** The AA batteries in the receiver operate the unit. If the batteries become weak, they will need to be replaced with quality AA batteries. The unit will not operate without AA batteries.

**Verify proper operation after servicing.**

**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.



## AC POWER ADAPTOR INSTALLATION (FOR SUREFIRE SYSTEMS)

An optional AC power adaptor may be installed as a constant power source for the SureFire system.

**IMPORTANT:** Recommend removing the 4-AA batteries in the SureFire receiver.

This will avoid battery leakage and power drainage. 4-AA Battery pack may be re-installed into receiver during power outages.

**NOTE:** For all **Gas Fireplaces** 120 volt power must be brought to the **receptacle box** inside the **bottom of the firebox** (provided with the unit).

All Freestanding **Gas Stoves & Gas Inserts** will need a **receptacle box** located **outside / near the unit** so that the AC Power Adaptor can be plugged in.

### INSTALL AC ADAPTOR WITH SUREFIRE WALL RECEIVER SWITCH ONLY - (WITHOUT REMOTE)

- 1) Locate "DC Supply" tag on wire harness. For location in unit see remote installation page in owners manual.



- 2) Connect the male end from AC adaptor to the female end tagged "DC Supply" on wiring harness in unit.



- 3) Plug AC adaptor into 120V wall outlet (or into 120V receptacle if installed inside the gas fireplace firebox).
- 4) Neatly tuck any loose AC Power Adaptor wires neatly underneath / inside the appliance.

**Note:** Ensure that wires do not touch the underside of the firebox (keep wires away from the heat as much as possible).

### INSTALL AC ADAPTOR WITH SUREFIRE PROFLAME GT / GTM REMOTE

- 1) Connect the male end of the AC adaptor to the female end of the wire adaptor (supplied with AC adaptor) together as shown .



Wire adaptor

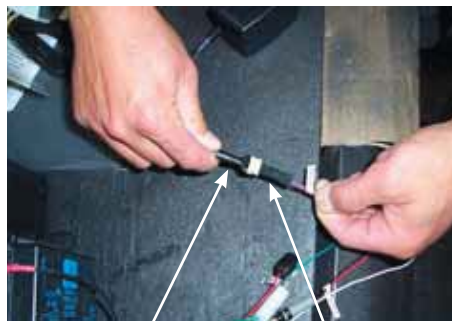
AC adaptor

- 2) Locate FCM - COM connector on the Remote wire harness - see manual for location in unit.



FCM - COM

- 3) Plug in wire adaptor to FCM - COM connector - be careful not to damage ends. This only fits one way.



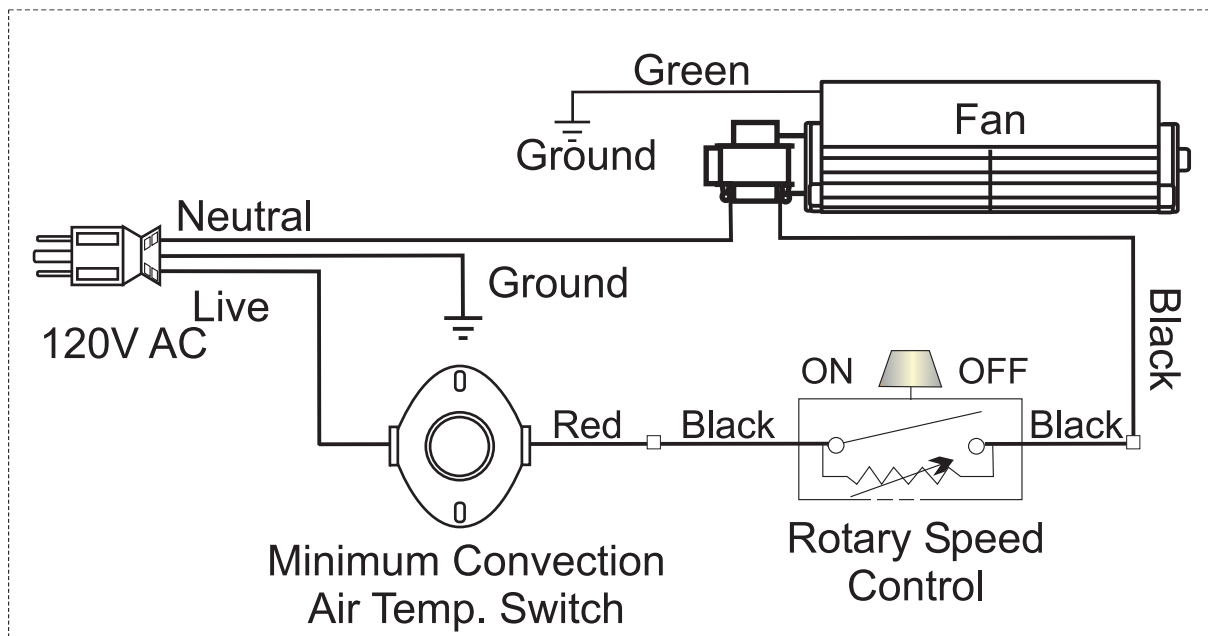
AC adaptor wire adaptor

FCM - COM

- 4) Plug AC adaptor into 120V wall outlet (or into 120V receptacle if installed inside the gas fireplace firebox).
- 5) Neatly tuck any loose AC Power Adaptor wires neatly underneath / inside the appliance.

**Note:** Ensure that wires do not touch the underside of the firebox (keep wires away from the heat as much as possible).

## FAN WIRING DIAGRAM



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

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

Verify proper operation after servicing.

## OPERATING INSTRUCTIONS

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

## FIRST FIRE

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

When first operated, the unit will release an odour caused by the curing of the paint and the burning off of any oils remaining from manufacturing. Smoke detectors in the house may go off at this time. Open a few windows to ventilate the room for a couple of hours. The glass may require cleaning.

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

**DO NOT ATTEMPT TO CLEAN THE GLASS WHILE IT IS STILL HOT!**

**DO NOT BURN THE UNIT WITHOUT THE GLASS DOOR IN PLACE.**

During the first few fires, a white film may develop on the glass front as part of the curing process. The glass should be cleaned after the unit has cooled down or the film will bake on and become very difficult to remove. Use a non-abrasive cleaner and **DO NOT ATTEMPT TO CLEAN THE GLASS WHILE IT IS HOT.**

## LIGHTING PROCEDURE

### IMPORTANT

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

- 1) Press and release on ON/OFF button once on the remote control or 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 try for ignition will last approximately 60 seconds. If there is no flame ignition (rectification) the board will stop sparking for approximately 35 seconds. After wait time, the board will start second try for ignition by sparking for approximately 60 seconds. If there is still no positive ignition the board will go into lock out.

The system will need to be reset as follows:

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

## SHUTDOWN PROCEDURE

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

## NORMAL OPERATING SOUNDS OF GAS APPLIANCES

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

### Burner Tray:

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

### Pilot Flame:

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

### Gas Control Valve:

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

### Unit Body/Firebox:

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

### Blower Thermodisc:

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

## COPY OF LIGHTING PLATE INSTRUCTIONS

### FOR YOUR SAFETY READ BEFORE LIGHTING

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

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

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

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

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

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

#### WHAT TO DO IF YOU SMELL GAS

- Do not try to light any appliance.
  - Do not touch any electric switch, do not use any phone in your building.
  - Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.
  - If you cannot reach your gas supplier, call the fire department.
- C) Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and replace any part of the control system and any gas control which has been underwater.

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

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

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

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

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

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

### LIGHTING INSTRUCTIONS

- 1) 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 effectuée, 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 INSTRUCTIONS

- 1) Always turn the gas valve to the off position 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 clean soft paint brush as the logs are fragile and easily damaged.
- 2) Clean (never when unit is hot) appliance, door and louvers with a damp cloth. Never use an abrasive cleaner. The finishes on louvers and doors may be scratched if abrasives are used to clean them. The heater is finished in a heat resistant paint and should only be refinished with heat resistant paint (not with wall paint). FPI uses StoveBrite Paint - Metallic Black #6309.
- 3) Make a periodic check of the 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.
- 4) The appliance and venting system must be inspected before use, and at least annually, by a qualified field service person, to ensure that the flow of combustion and ventilation air is not obstructed. During the annual service call, the burners should be removed and cleaned from the burner tray.
- 5) Keep the area near the appliance clear and free from combustible materials, gasoline and other flammable vapours and liquids.

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

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

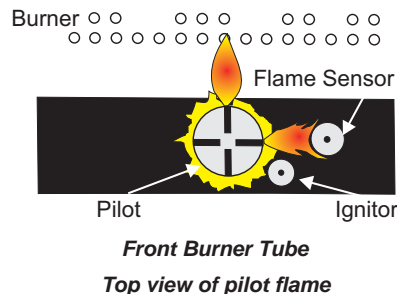
**CLOTHING OR OTHER FLAMMABLE MATERIAL SHOULD NOT BE PLACED ON OR NEAR THE APPLIANCE.**

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

**Never operate the appliance without the glass properly secured in place or with the door open.**

- 7) 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.
- 8) Periodically check the pilot flames. Correct flame pattern has three strong blue flames: 1 flowing around the thermopile and 1 around the thermocouple, and 1 flowing across the front of the burner.

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



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

## GENERAL VENT MAINTENANCE

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

- 1) Check the Venting System for corrosion in areas that are exposed to the elements. These will appear as rust spots or streaks, and in extreme cases, holes. These components should be replaced immediately.

- 2) Remove the Termination 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.

## GLASS GASKET

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

## DOOR GLASS

Your FPI insert is supplied with high temperature, 5 mm Neoceram ceramic glass that will withstand the highest heat that your unit will produce. Do not abuse the glass by striking the surface or by slamming the door shut.

If your glass requires cleaning, we recommend using an approved glass cleaner available at all authorized dealers. **Do not use abrasive materials. Do not clean the glass when hot.**

In the event that you break your glass by impact, purchase your replacement from an authorized FPI dealer only, do not use substitute materials (Regency Glass part # 940-355/P). Follow our step-by-step instructions for replacement. **Warning: Wear gloves when removing damaged or broken glass.**

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

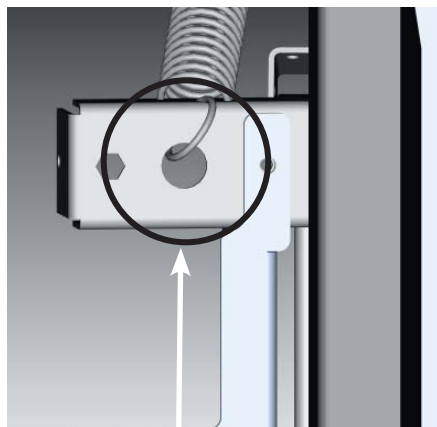
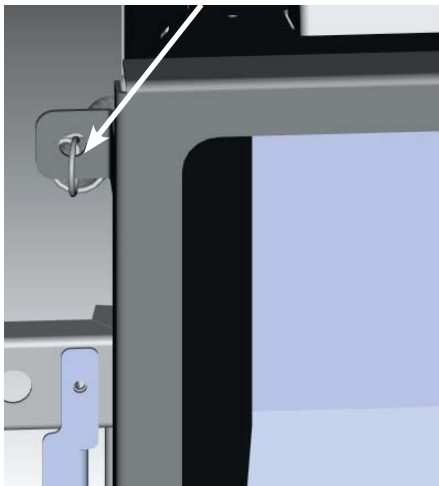


## FAN REPLACEMENT

- 1) Unplug the power source.
- 2) Open the left and right side faceplate panels.
- 3) Remove the bottom louver by pulling out.
- 4) Remove the glass door.
  - a) Pull off the left side spring hook that holds the door in place. While holding the hook turn it upside down and place it into the middle opening on the top side mounting bracket. Repeat for right side.

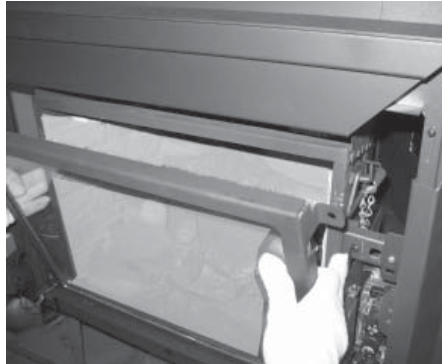
- b) Swing the door out 45 degrees and lift up and out.

Spring Hook

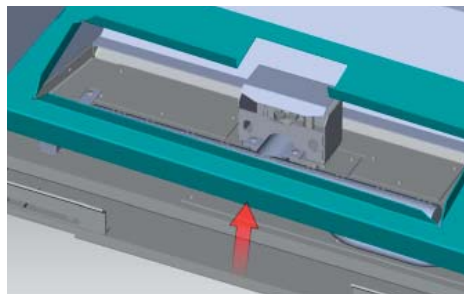


Top Mounting Bracket

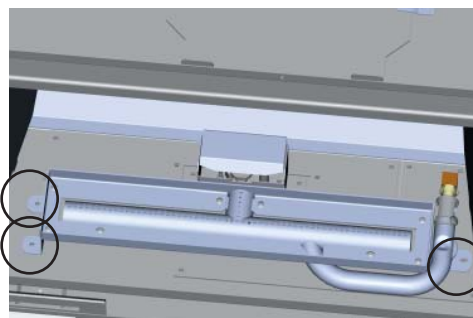
- 5) Remove the crystals.



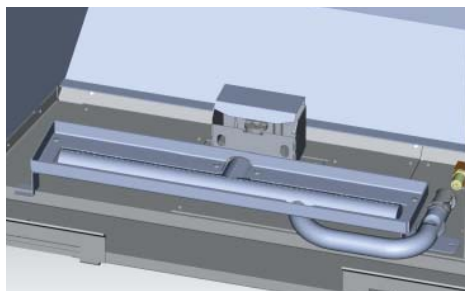
- 6) Remove panels, if installed.
- 7) Lift out the bottom tray.



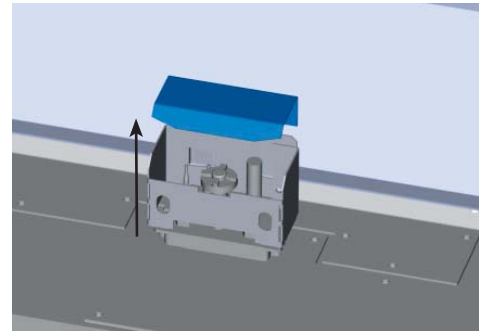
- 8) Remove the burner by removing 3 screws.



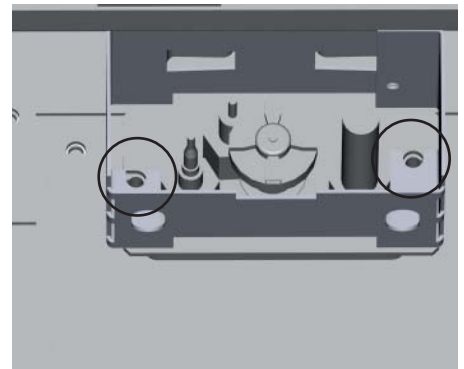
- 9) Slide burner forward and lift up and out.



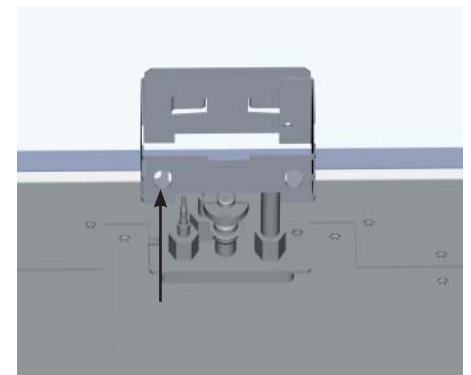
- 10) Pull off the pilot hood cover.



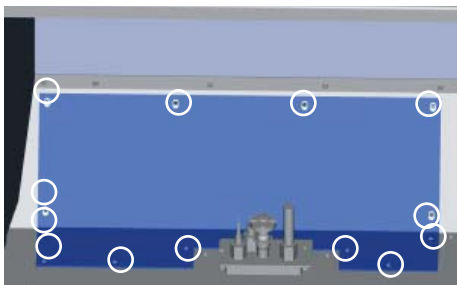
- 11) Loosen 2 screws to release pilot hood.



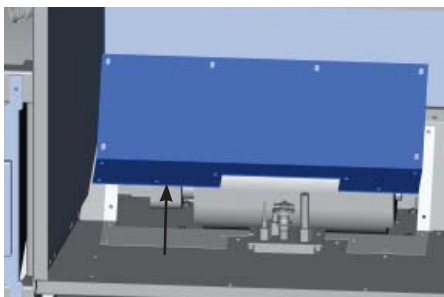
- 12) Slide pilot hood forward, then pull up and off.



- 13) Remove 13 screws to remove the fan access plate.

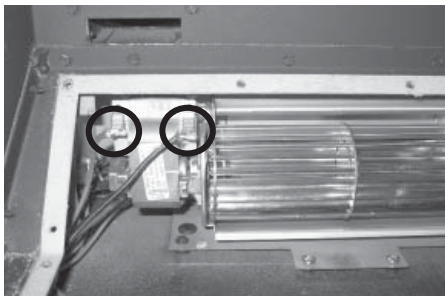


- 14) Lift fan access plate up and out.

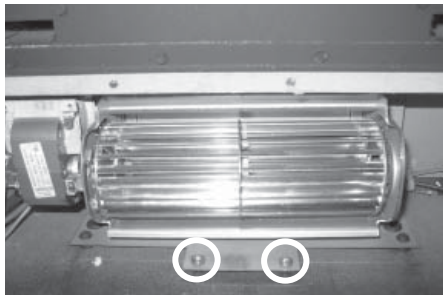


*Fan Cover Plate Removal*

- 15) Unplug fan access wires.



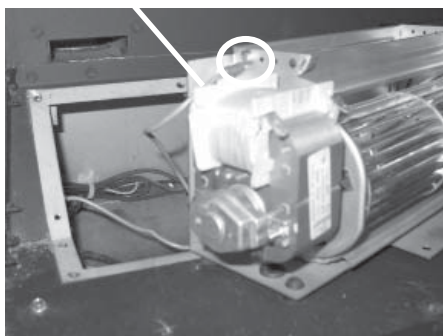
- 16) Remove 2 screws holding the fan bracket in place.



- 17) Remove the fan by sliding forward, then lift the fan up and out.

- 18) Remove the ground screw holding the ground wire.

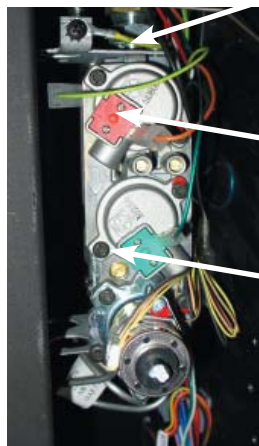
*Ground Wire*



- 19) Reverse steps to install fan.

## VALVE ASSEMBLY REPLACEMENT

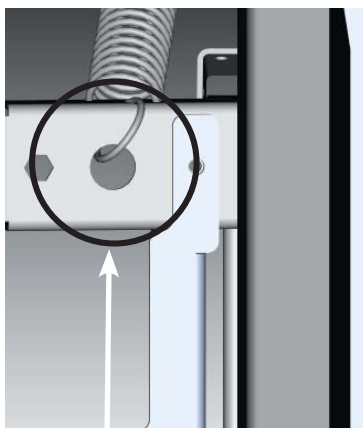
- 1) **Shut off gas supply to unit** and unplug the power source by disconnecting the batteries.
- 2) Open the left and right side faceplate panels. Contour/Contemporary or remove front low profile faceplate.
- 3) Remove the bottom louver by pulling out.
- 4) Disconnect the EV1, EV2, and ground wires from the valve - as shown below.



Ground

EV2

EV1

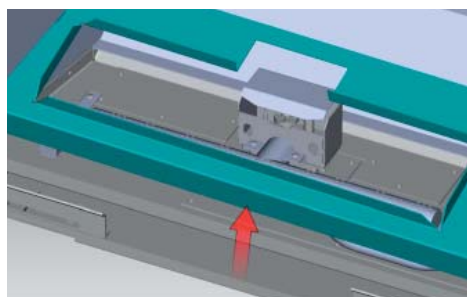


Top Mounting Bracket

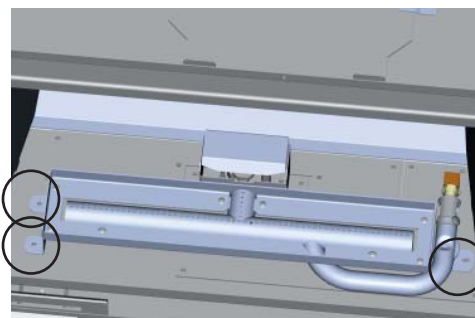
- 6) Remove the crystals.



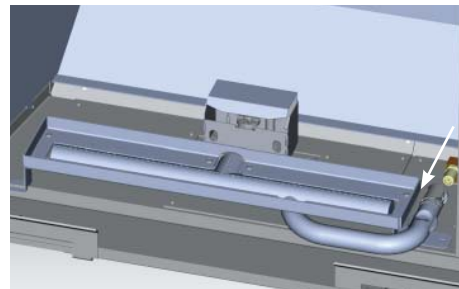
- 7) Remove panels, if installed.
- 8) Lift out the bottom tray.



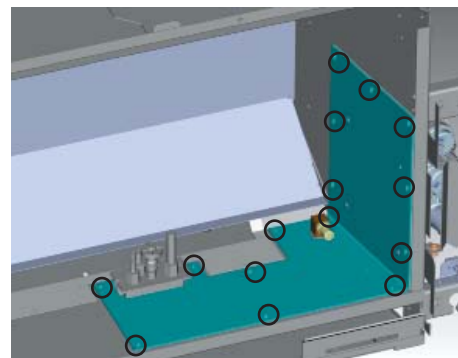
- 9) Remove the burner by removing 3 screws.



- 10) Slide burner forward and lift up and out.



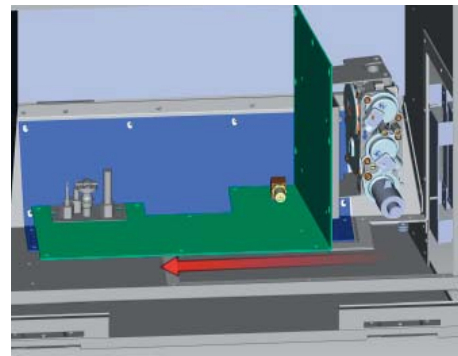
- 11) Remove 15 screws to remove valve assembly tray.



- 12) Pull out Valve assembly tray.

- 13) Disconnect the inlet gas line.

- 13) Replace valve and gasket (if required).

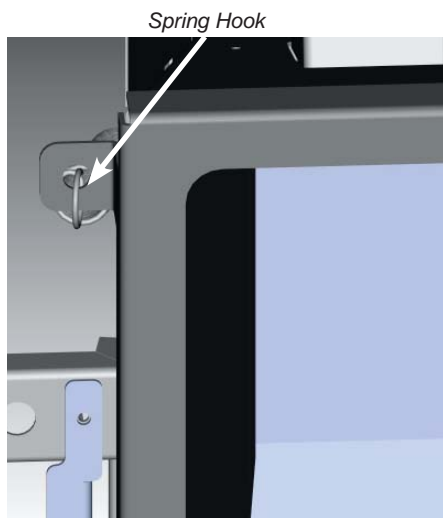


- 14) Reverse steps to reinstall.

- 5) Remove the glass door.

a) Pull off the left side spring hook that holds the door in place. While holding the hook turn it upside down and place it into the middle opening on the top side mounting bracket. Repeat for right side.

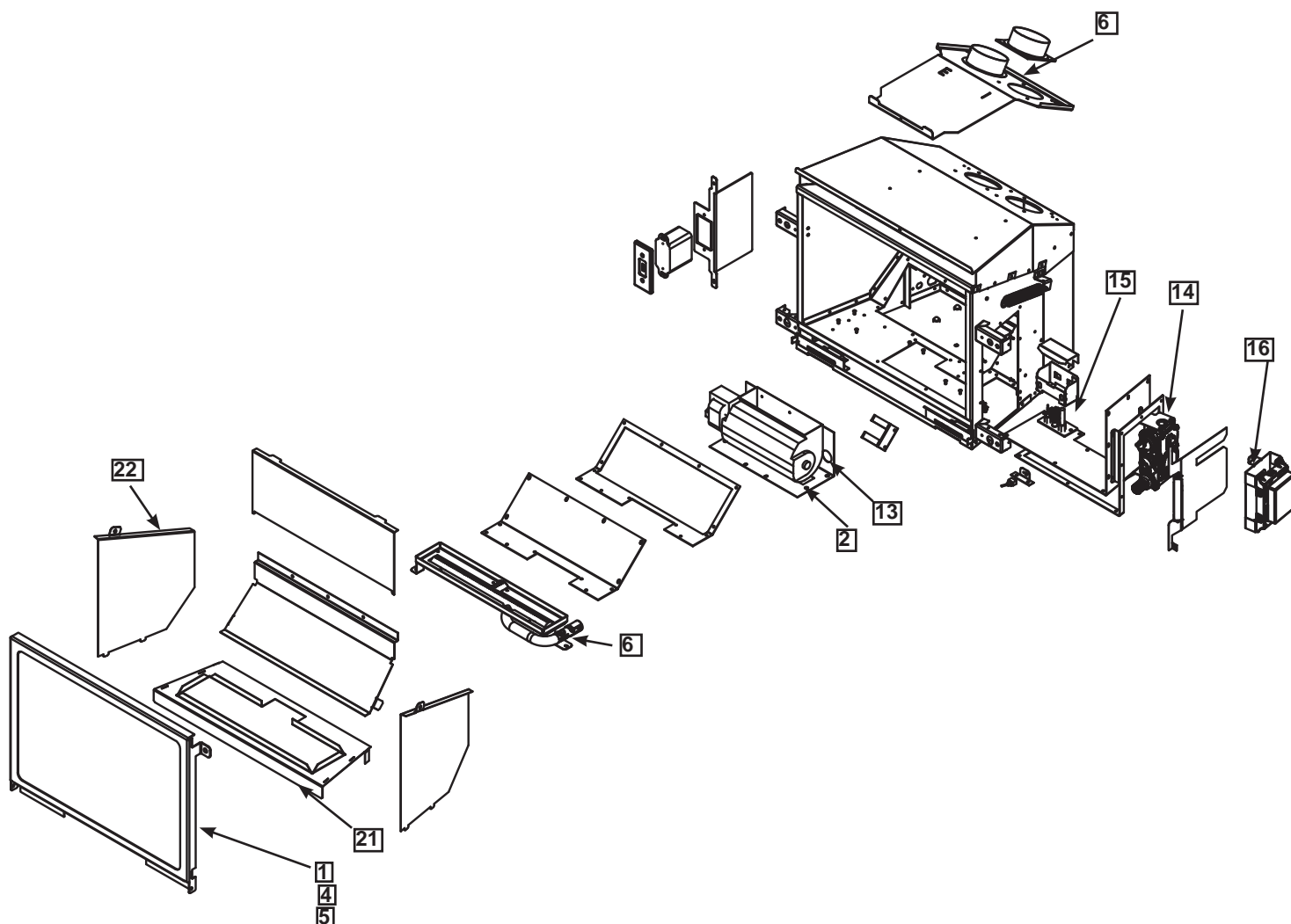
b) Swing the door out 45 degrees and lift up and out.



Spring Hook

## MAIN ASSEMBLY

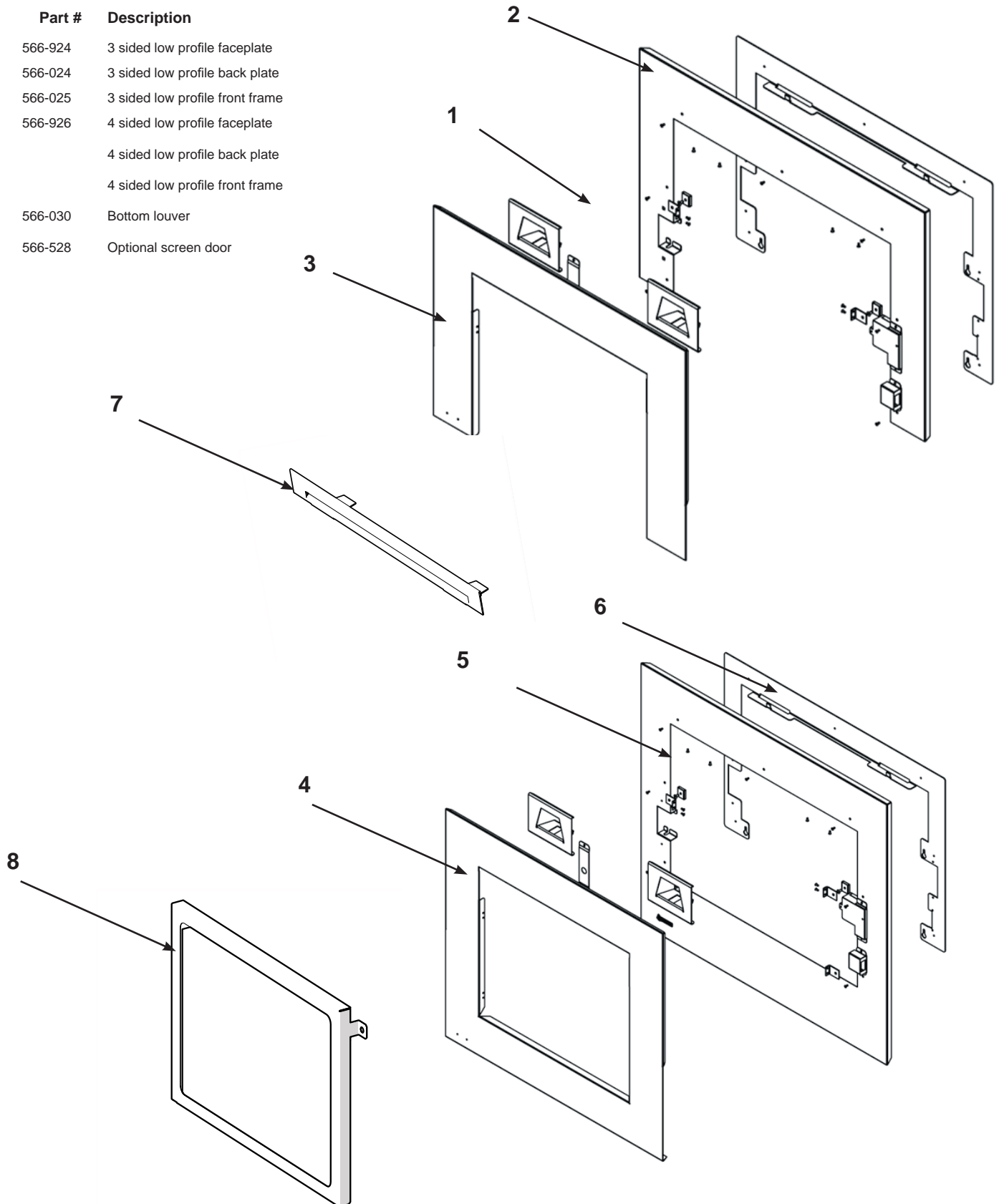
1	536-016	Door Frame	13	910-215/P	Fan
2	536-517/P	Fan Assembly	14	911-004	Valve NG 886
3	536-532	Flue adaptor Assy		911-005	Valve LP 886
4	536-539	Door Frame Assy	15	911-006	Pilot Assy NG
5	536-540	Door Frame Assy w/glass		911-007	Pilot Assy LP
6	566-525	Burner Assy NG/LP	16	911-012	Ignition Board [DBC]
7	566-574/P	Valve Assy NG	17	911-013	Wire harness
8	566-576/P	Valve Assy LP	18	911-018	Battery Holder
9	904-241	Orifice #56 LP	19	940-355/P	Neoceram Glass
10	904-622	Orifice #48 NG	20	946-678	Colbalt Fireglass
11	904-658	Inlet flex gas line	21	566-010	False Tray
12	910-142	Thermosdisc	22	566-908	Enamel Panels
				918-988	Manual



# PARTS LIST

## 3 AND 4 SIDED LOW PROFILE FACEPLATE ASSEMBLY

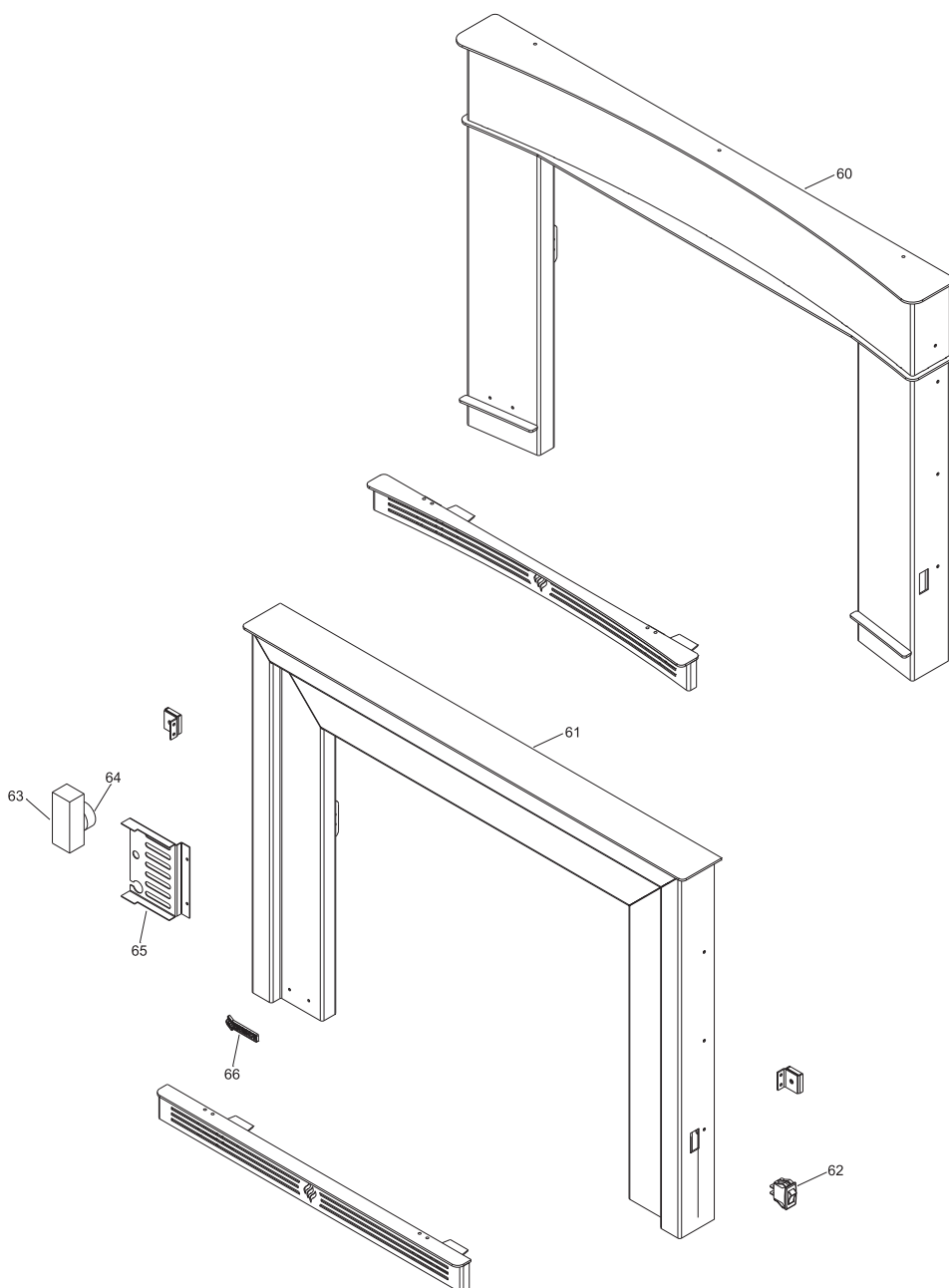
Part #	Description
1	566-924 3 sided low profile faceplate
2	566-024 3 sided low profile back plate
3	566-025 3 sided low profile front frame
4	566-926 4 sided low profile faceplate
5	4 sided low profile back plate
6	4 sided low profile front frame
7	566-030 Bottom louver
8	566-528 Optional screen door





## FACEPLATE ASSEMBLY

Part #	Description
60) 536-918	Contemporary Faceplate
61) 536-914	Contour Faceplate
62) 910-246	Burner ON/OFF Switch
63) 910-330	Fan Speed Control 120 V
64) 904-569	Fan Speed Control Knob
65) 536-125	Fan Switch Bracket
66) 948-216	Regency® Logo

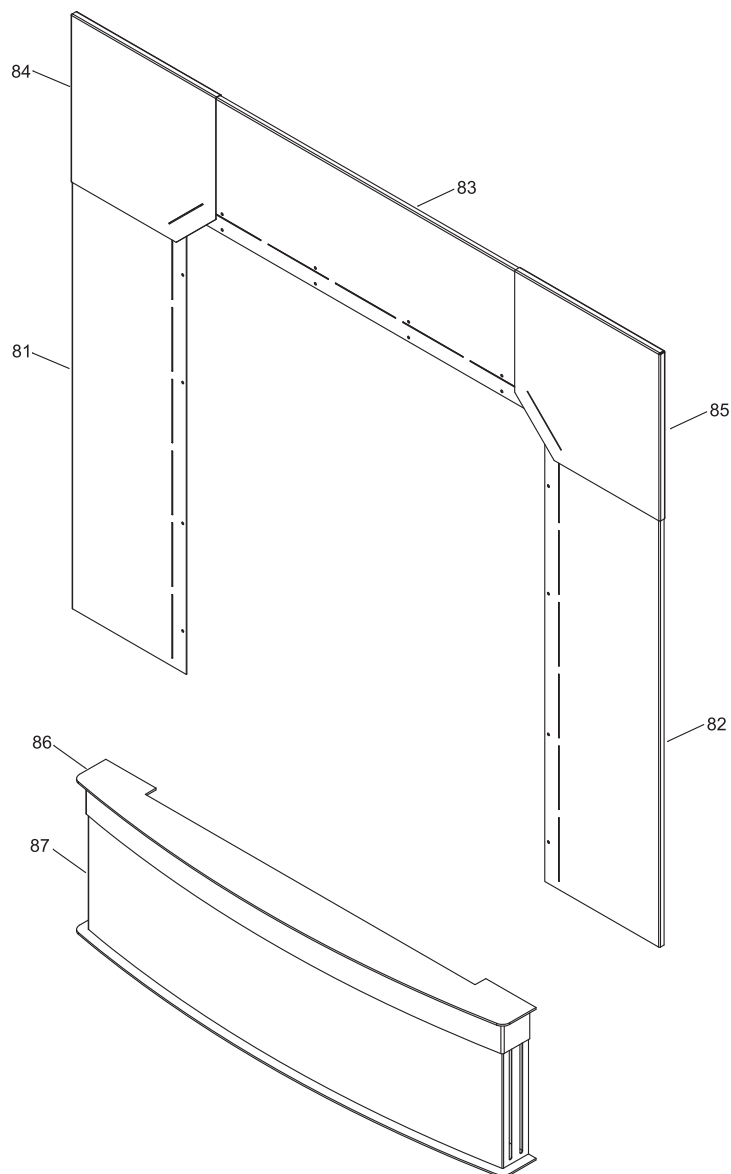


## PARTS LIST

### BACKING PLATE & HEARTH TRIM ASSEMBLY

Part #	Description
536-922	Backing Plate
81) *	Left Side
82) *	Right Side
83) *	Top
84) *	Left Corner
85) *	Right Corner
536-940	Hearth Trim
86) *	Top
87) *	Bottom

\* Not available as a replacement part.



[illegible]

## NOTES

[illegible]



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

**The Warranty:** Limited Lifetime

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

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

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

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

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

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

Simpson Dura-Vent venting components (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 neither guaranteed nor commercially possible. Any chips must be reported and inspected by an authorized dealer within three days of installation. Reported damage after this time will be subject to rejection.

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:** \_\_\_\_\_

\_\_\_\_\_

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

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

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

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