



Energy™ U31 Gas Insert

Owners & Installation Manual



U31 Video

www.regency-fire.com

MODELS: U31-NG10 Natural Gas U31-LP10 Propane

⚠ WARNING

FIRE OR EXPLOSION HAZARD

Failure to follow safety warnings exactly could result in serious injury, death, or property damage.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- **WHAT TO DO IF YOU SMELL GAS**
 - Do not try to light any appliance.
 - Do not touch any electrical switch: do not use any phone in your building. Leave the building immediately.
 - Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.



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

TO THE NEW OWNER

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

The FPI Gas Insert Series of hand crafted appliances has been designed to provide you with all the warmth and charm of a fireplace, at the flick of a switch. The models U31-NG10 and U31-LP10 of this series have been approved by Warnock Hersey/Intertek for both safety and efficiency. As it also bears our own mark, it promises to provide you with economy, comfort and security for many trouble free years to follow. Please take a moment now to acquaint yourself with these instructions and the many features of your FPI Fireplace.



DANGER



**HOT GLASS WILL
CAUSE BURNS**

**DO NOT TOUCH GLASS
UNTIL COOLED**


**NEVER ALLOW CHILDREN
TO TOUCH GLASS**

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

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


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

920-408



**NATIONAL
FIREPLACE
INSTITUTE**
CERTIFIED
www.nficertified.org

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



**Wood Energy
Technical Training**
www.wettinc.ca



U31 Video

CONTENTS

Dimensions

Dimensions with Standard Faceplate.....	4
Dimensions with Low Profile Faceplate.....	5

Installation

Gas Installation Checklist	6
Safety label for the U31-10	8
MA Code - CO Detector.....	9
For your Safety	10
Specifications.....	11
Policy for Solid Fuel Burning and Factory Built Fireplaces	11
Before you Start.....	11
Installation Checklist.....	12
Materials Required.....	12
Lighting Procedure	13
Shutdown Procedure	13
Proflame I Remote Control Operating Instructions	14
Proflame I Remote Receiver Battery Replacement.....	18
Minimum Fireplace Dimensions.....	19
Clearances to Combustibles.....	19
Combustible Mantel Clearances in Masonry Installation	20
Conversion from Natural Gas to Propane	21
Gas Connection	22
High Elevation.....	22
Draft Hood Connection	22
Venting.....	22
Gas Pressure Test.....	22
Gas Insert Aeration System.....	23
Test for Flue Spillage	23
Optional Brick Panel	23
Log Set Installation	24
Wiring Diagram	27
Standard Faceplate & Hearth Trim Install	28

Flush Louver Installation.....	29
Low Profile Faceplate Installation.....	30
Safety Screen Installation / Removal.....	32
Optional Wall Thermostat	33
Final Check.....	33

Operating Instructions

Operating Instructions	33
First Fire	33
Lighting Procedure	34
Shutdown Procedure	34
Automatic Convection	34
Fan Operation	34
Normal Operating Sounds of Gas Appliances	34
Copy of the Lighting Plate Instructions	35

Maintenance

Maintenance Instructions	36
Log Replacement	36
Glass Gasket	36
Door Glass Replacement	36
Fan Maintenance.....	37
Gas Maintenance.....	38

Part List

Main Assembly	39
Burner Assembly & Log Set.....	40
Faceplate Assembly	41

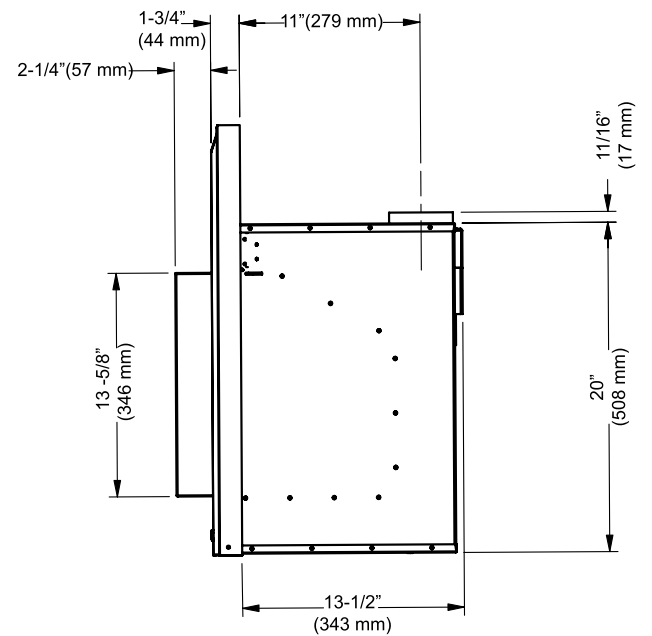
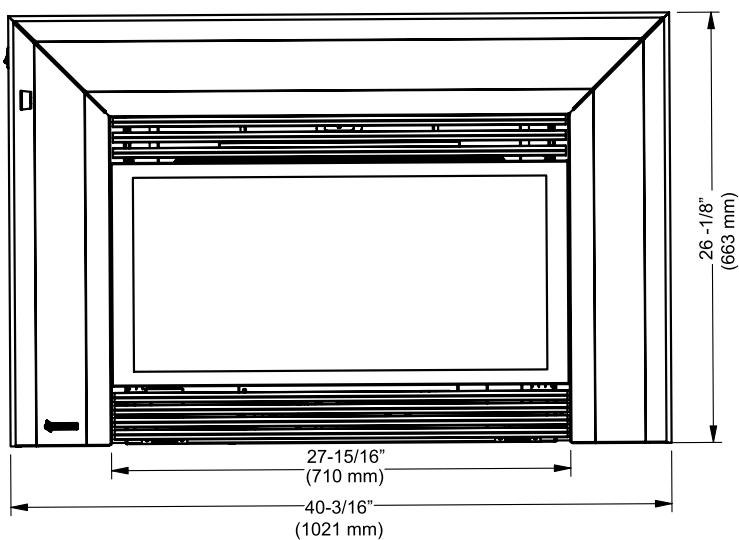
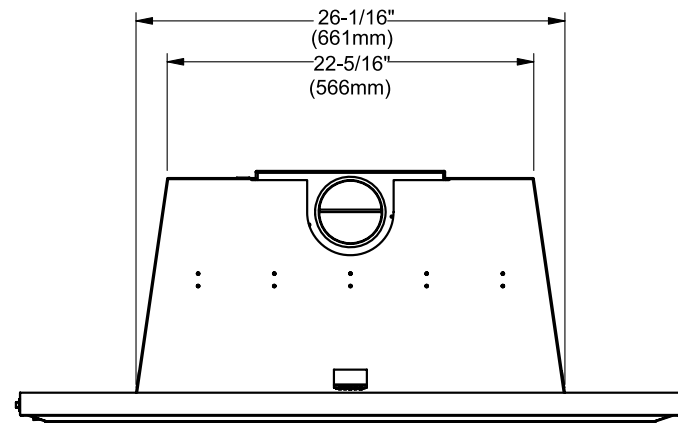
Warranty

Warranty	42
----------------	----

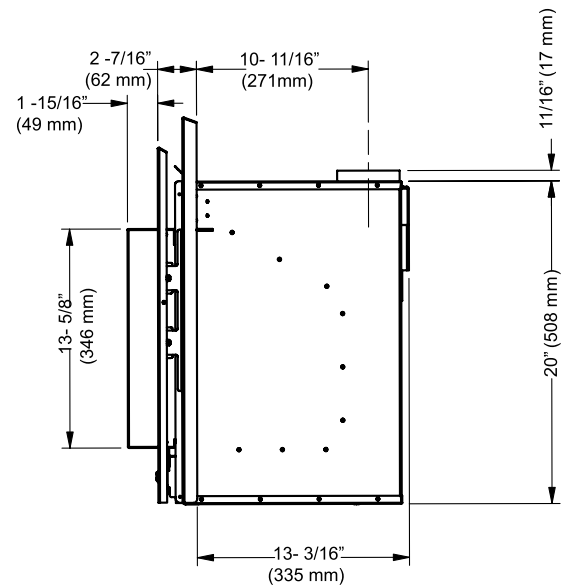
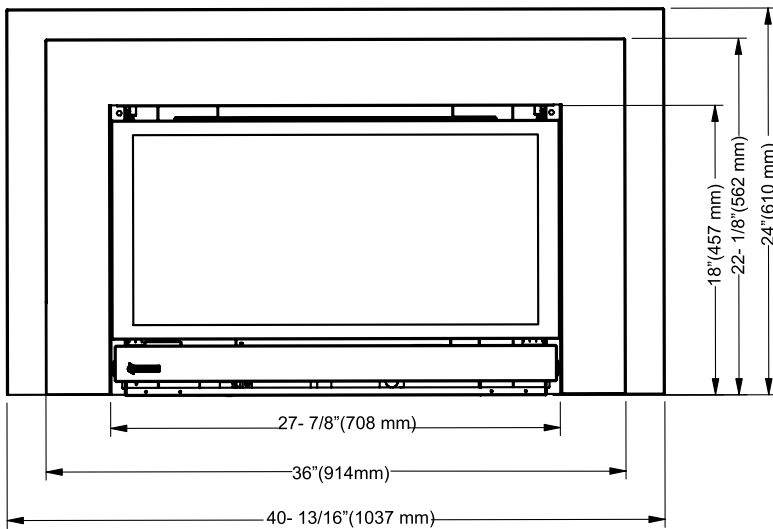
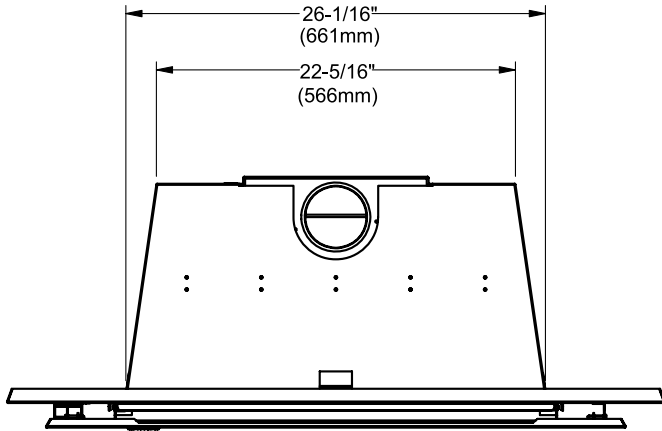
This appliance does not have the capability to adjust the fan speed using the supplied remote—even though the remote transmitter allows this function. The appliance fan is controlled by a fan speed controller (rheostat) or on/off switch depending on the model.

4 | dimensions

UNIT DIMENSIONS WITH STANDARD FACEPLATE



UNIT DIMENSIONS WITH LOW PROFILE FACEPLATE



GAS INSTALLATION CHECKLIST

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

Customer: _____	Date Installed: _____
Install Address: _____	Location of Fireplace: _____
Serial No: _____	Installer: _____
Model No: _____	


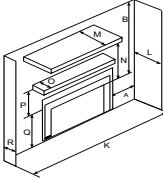

Site Requirements	YES	NO
If applicable, are the insulation, vapour barrier, and drywall present if installed on an outside wall or chase?		
Does the area have a solid continuous base to support the unit?		
Will the area accommodate the size of the appliance and all clearances?		
Are the gas and electrical roughed into the area where the unit is being installed?		
In City & Grandview series cool wall applications, is the chase enclosure sealed to prevent heat from escaping? All hot air from the unit must exit via the mandatory ventilation openings.		
In City & Grandview applications, Is the chase enclosure vented with the mandatory heat ventilation openings? See manual for details.		
If applicable, is the masonry/factory built fireplace in its original condition with no modifications?		
If applicable, have the hearth requirements been met?		
Unit Setup	YES	NO
If applicable, are the standoffs and top nailing flange extensions installed and at the correct depth to accommodate finishing material? See manual for details.		
If applicable, is the fireplace level and secured, meeting framing clearances? See manual for details.		
If applicable, is the unit converted to top or rear vent per manual instructions, and the insulation discarded?		
Venting	YES	NO
Are the venting components approved for the unit installed?		
Does the venting configuration comply with venting diagrams?		
Is venting installed and secured, and are clearances for the vent pipe and termination cap maintained?		
If applicable, was a 1/4" rise maintained for every foot of horizontal run?		
Was the termination installed and sealed?		
Is the direct vent termination at the highest point in the vent assembly?		
If applicable, are both chimney liners continuous from flue collars to termination?		
Electrical and Wiring	YES	NO
Is the appliance connected to the household's 110/120v per local codes? Check local codes for receptacle placement.		
Were the connections in the fireplace tested with a circuit tester?		
Is the appliance properly grounded?		
If applicable, is the supplied electrical/gang box affixed to the wall to facilitate the mounting of the receiver/battery box ?		
Gas	YES	NO
Does the supply pressure meet the requirements shown on the rating plate?		
Was a conversion performed?		
Was a leak check performed and manifold pressures verified?		
Is the shut-off valve installed and easily accessible to the customer?		

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

This is a copy of the labels that accompany each U31-10 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.

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.

SAFETY LABEL FOR THE U31-10

Duplicate Serial number		400																																	
 <p>Listed: VENTED GAS FIREPLACE HEATER / FOYER AU GAZ À ÉVACUATION Certified to/Certifié : ANSI Z21.88:2019</p> <p>Intertek C#4001172</p> <p><small>MAY BE INSTALLED IN MANUFACTURED (MOBILE) HOMES AFTER FIRST SALE. Refer to Intertek's Directory of Building Products for detailed information. Pour plus de détails, se reporter au Répertoire des produits de construction de Intertek.</small></p>		<p>DO NOT REMOVE THIS LABEL / NE PAS ENLEVER CETTE ÉTIQUETTE</p> <p style="border: 1px solid black; padding: 2px;">400</p> <p><i>Serial No. / No de série</i></p>																																	
<p>Model: U31-NG10</p> <p>Model: U31-LP10</p>	<p>NATURAL GAS FIREPLACE INSERT: MODEL U31-NG10</p> <p>PROPANE FIREPLACE INSERT: MODEL U31-LP10</p>																																		
	Factory Equipped For Altitude 0-2000ft. (0-610m)																																		
	Min. supply pressure	5" WC (1.25kPa)	11" WC (2.74 kPa)																																
	Low Setting Man. pressure	1.6" WC (0.40kPa)	6.4" WC (1.59 kPa)																																
	Max. Manifold pressure	3.5" WC (0.87kPa)	10" WC (2.49 kPa)																																
	Orifice size	37 DMS (2.64mm)	52 DMS (1.6mm)																																
	Minimum input	20,600 Btu/h (6.04kW)	22,000 Btu/h (6.45kW)																																
	Altitude	0-2000ft (0-610m)	0-2000ft (0-610m)																																
	Maximum input	30,000 Btu/h (8.79kW)	28,000 Btu/h (8.21kW)																																
	Field Convertible For Altitude 2000-4500ft.(610-1370m)																																		
Use Conversion Kit (Part #400-970)																																			
Min. supply pressure	5" WC (1.25 kPa)	11" WC (2.74 kPa)																																	
Low Setting Man. pressure	1.6" WC (0.40kPa)	6.4" WC (1.59 kPa)																																	
Max. Manifold pressure	3.5" WC (0.87kPa)	10" WC (2.49 kPa)																																	
Orifice size	40 DMS (2.49 mm)	53 DMS (1.5mm)																																	
Minimum input	19,200 Btu/h (5.62kW)	20,000 Btu/h (5.86 kW)																																	
Altitude	2000-4500ft (610-1370m)	2000-4500ft (610-1370m)																																	
Maximum input	27,200 Btu/h (7.97kW)	25,000 Btu/h (7.33 kW)																																	
<p>Minimum Clearances to Combustibles from Insert</p> <table border="0"> <tr> <td>Side wall</td> <td>A</td> <td>10"(255mm)</td> </tr> <tr> <td>Ceiling</td> <td>B</td> <td>47-1/2"(1205mm)</td> </tr> <tr> <td>Alcove Width</td> <td>K</td> <td>48"(1220mm)</td> </tr> <tr> <td>Max. Alcove Depth</td> <td>L</td> <td>36"(915mm)</td> </tr> </table>  <p>FPI Fireplace Products International Ltd. Delta BC, CANADA MADE IN CANADA / FABRIQUÉ AU CANADA</p> <p>Mantel Clearances in Masonry Fireplace Installation</p> <table border="0"> <tr> <td>Max. Mantel depth</td> <td>M</td> <td>12"(305mm)</td> </tr> <tr> <td>Mantel height-Louvers</td> <td>N</td> <td>17"(432mm)</td> </tr> <tr> <td>Mantel height-Low profile F/P</td> <td>N</td> <td>25"(635mm)</td> </tr> <tr> <td>Mantel depth</td> <td>O</td> <td>3-1/2"(89mm)</td> </tr> <tr> <td>Mantel height-Louvers</td> <td>P</td> <td>13"(330mm)</td> </tr> <tr> <td>Mantel height-Low profile F/P</td> <td>P</td> <td>21"(533mm)</td> </tr> <tr> <td>Floor</td> <td>Q</td> <td>19-1/2"(495mm)</td> </tr> </table> <p style="text-align: right;"></p>			Side wall	A	10"(255mm)	Ceiling	B	47-1/2"(1205mm)	Alcove Width	K	48"(1220mm)	Max. Alcove Depth	L	36"(915mm)	Max. Mantel depth	M	12"(305mm)	Mantel height-Louvers	N	17"(432mm)	Mantel height-Low profile F/P	N	25"(635mm)	Mantel depth	O	3-1/2"(89mm)	Mantel height-Louvers	P	13"(330mm)	Mantel height-Low profile F/P	P	21"(533mm)	Floor	Q	19-1/2"(495mm)
Side wall	A	10"(255mm)																																	
Ceiling	B	47-1/2"(1205mm)																																	
Alcove Width	K	48"(1220mm)																																	
Max. Alcove Depth	L	36"(915mm)																																	
Max. Mantel depth	M	12"(305mm)																																	
Mantel height-Louvers	N	17"(432mm)																																	
Mantel height-Low profile F/P	N	25"(635mm)																																	
Mantel depth	O	3-1/2"(89mm)																																	
Mantel height-Louvers	P	13"(330mm)																																	
Mantel height-Low profile F/P	P	21"(533mm)																																	
Floor	Q	19-1/2"(495mm)																																	
<p>This appliance must be installed in accordance with local codes, if any; if none, follow the National Fuel Gas Code, ANSI Z223.1, or Natural Gas and Propane Installation Code, CSA B149.1.</p> <p>This appliance must be installed in accordance with the Standard CAN/CSA Z240 MH, Mobile Housing, in Canada, or with the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, in the United States, or when such a standard is not applicable, ANSI/NCSBSCS A225.1/NFPA 501A, Manufactured Home Installations Standard or ANSI A119.2 ou NFPA 501C Standard for Recreational Vehicles</p> <p>This appliance is only for use with the type of gas indicated on the rating plate and may be installed in an aftermarket, permanently located, manufactured (mobile) home where not prohibited by local codes. See owner's manual for details.</p> <p>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.</p> <p>Installer l'appareil selon les codes ou règlements locaux, ou, en l'absence de tels règlements, selon les codes d'installation ANSI Z223.1, National Fuel Gas Code ou CSA-B149.1 en vigueur.</p> <p>Installer l'appareil selon la norme CAN/CSA-Z240, Série MM, Maisons mobiles ou CAN/CSA-Z240 VC, Véhicules de camping, ou la norme 24 CFR Part 3280, Manufactured Home Construction and Safety Standard. Si ces normes ne sont pas pertinentes, utilisez la norme ANSI/NCSBSCS A225.1/NFPA 501A, Manufactured Home Installations Standard, ou ANSI A119.2 ou NFPA 501C Standard for Recreational Vehicles.</p> <p>Cet appareil doit être utilisé uniquement avec le type de gaz indiqué sur la plaque signalétique. Cet appareil peut être installé dans une maison préfabriquée ou mobile (É.-U. seulement) installée à demeure si les règlements locaux le permettent. Voir la notice de l'utilisateur pour plus de renseignements. Cet appareil ne peut pas être utilisé avec d'autres gaz sauf si une trousse de conversion certifiée est fournie.</p> <p>AVERTISSEMENT: Ce foyer a été converti pour être utilisé 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.</p> <p>This vented gas fireplace heater is not for use with air filters. Ne pas utiliser de filtre à air avec ce foyer au gaz à évacuation. For use with glass doors certified with the appliance only À utiliser uniquement avec les portes en verre certifiées avec l'appareil</p> <p>ELECTRICAL SUPPLY/ALIMENTATION ÉLECTRIQUE : 115V 60HZ less than/Moins de 2 AMP. For Use Only with Barrier (Part #426-013) Follow installation instructions. A utiliser uniquement avec l'écran (n°426-013) Suivre les consignes d'installation.</p> <p>VENTED GAS FIREPLACE HEATER - NOT FOR USE WITH SOLID FUELS. CATEGORY I. / FOYER AU GAZ À ÉVACUATION - NE PAS UTILISER AVEC UN COMBUSTIBLE SOLIDE. CATÉGORIE I.</p> <p style="text-align: right;">919-458d</p>																																			

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

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

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

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

MA Code - CO Detector (for the State of Massachusetts only)

5.08: Modifications to NFPA-54, Chapter 10

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FOR YOUR SAFETY

This appliance requires air for proper combustion. Always provide adequate combustion and ventilation air. Follow instructions and information in CSA B149.1 (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 BARRIERS IS RECOMMENDED IF THERE ARE AT RISK INDIVIDUAL IN THE HOUSE. TO RESTRICT ACCESSTO A FIREPLACE OR STOVE, INSTALL AN ADJUSTABLE SAFETY GATE TO KEEP TODDLERS, YOUNG CHILDREN AND OTHER AT RISK INDIVIDUALS OUT OF THE ROOM AND AWAY FROM HOT SURFACES.

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

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

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

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

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

919-874

IMPORTANT: SAVE THESE INSTRUCTIONS

The Regency 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. This appliance can be used with a thermostat.

SPECIFICATIONS

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

Gas Input Capacity:

Natural Gas	30,000 Btu/h
Propane	28,000 Btu/h

Fuels: Approved for use with both natural gas, and propane. Approved as is for use at 0' to 2,000'. With a field installed conversion kit 0' - 4,500'.

Electrical: 120V A.C. system.

Circulation Fan: Variable speed, 127 CFM.

Log Set: Ceramic fibre, 7 per set.

Vent System: Minimum 4" B-Vent or listed gas fuel vent liner.

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). Disconnect piping from valve at test pressures over 1/2 psig (3.45 kPa).

INSTALLATION INTO A SOLID FUEL BURNING FIREPLACE OR FACTORY BUILT FIREPLACE

The U31-10 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 "Minimum Fireplace Dimensions" section for minimum fireplace clearances.

If the factory built fireplace* height is too low for your Insert, you may remove the smoke baffle plate, damper, refractory (firebricks), glass doors, screen rails, screen mesh and log grates from the factory built fireplace as long as these items are saved and are reinstalled in the event that the Insert is removed. The fireplace flue damper can be fully blocked open or removed for installation of the gas fireplace insert.

Smoke shelves, shields and baffles may be removed if attached by mechanical fasteners. If any part is removed it must not weaken the structural integrity of the factory built fireplace.

The fireplace and fireplace chimney must be clean and in good working order and constructed of non-combustible materials.

The surround panels should not seal ventilation openings on the fireplace.

Chimney clean outs should fit properly.

NOTE: Any alterations made to the listed solid fuel burning factory built fireplace may void the listing of the fireplace.

Cutting any sheet metal part of the fireplace, in which the gas fireplace insert is to be installed is prohibited.

*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."

FACTORY-BUILT (METAL) WOOD-BURNING FIREPLACE REQUIREMENTS

NOTE: Any parts that are removed must be removed in a way that would allow them to be re-installed if the insert is ever removed (removal of rivets or screws is acceptable).

To reference parts—see illustration below.

Must be removed:

- 1 - Damper
- 2 - Grate (with log set)

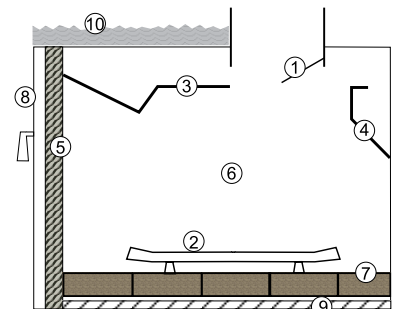
May be removed (if applicable):

- 3 - Smoke shelf
- 4 - Internal baffles
- 5 - Screen
- 6 & 7 - Masonry lining or refractory
- 8 - Metal or glass doors

The fireplace must be permanently marked to indicate that it has been altered and is no longer suitable for burning solid fuel (wood), unless the removed parts are re-installed. Cutting of any sheet metal parts is prohibited.

May be removed (in certain cases):

- 9 - Metal floor of the firebox
- 10 - The insulation and any structured rigid frame members **must not be removed or altered** (side and top of door frame, side and top of the face of the fireplace, metal sides, etc.).



CAUTION:

Firebox floor removal is not covered under the appliance safety standard (ANSI Z21.88, CSA 2.33) used in the safety certification of this appliance. The Intertek safety certification does not apply to this method of installation. Before installing the appliance using this method, contact the Authority Having Jurisdiction to determine if this installation is acceptable in your area. The sheet metal base of the fireplace must be left in place and a minimum 1/2" cement board sheet placed under the entire length and width of the appliance.

If the factory-built fireplace has no gas access hole(s) provided, an access hole of 1.5 inch (37.5 mm) 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.

GENERAL SAFETY INFORMATION

1. The appliance installation must conform with local codes or in the absence of local codes, with CSA B149.1 (in Canada) or the National Fuel Gas Code ANSI Z223.1. 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. In Canada room heaters must be installed with a Listed Millivolt Thermostat. Some areas may have further requirements, check local codes before installation.
6. This unit is not approved for installation into a mobile home.
7. Always connect this insert to a vent system venting 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.
8. Inspect the venting system annually for blockage and any signs of deterioration.
9. Any glass removed for servicing must be replaced prior to operating the appliance.
10. To prevent injury, do not allow anyone who is unfamiliar with the operation to use the fireplace.
11. 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.
12. 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 gold trims, 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

The Regency Gas Insert is installed as listed below.

1. Unit Location - check Clearances to Combustibles.
2. Make the gas connections.
Convert to Propane Gas if necessary.
3. Install the flue or liner to the sliding draft hood.
4. Install Venting. Slide the unit into the fireplace.
Attach draft hood to the insert.
5. Test gas pressure. Check aeration
6. Test for flue spillage.
7. Install the optional brick panels.
8. Install the log set.
9. Assemble and install the faceplate.
10. Install the glass front.
11. Install Safety Screen, Remote Control and Optional Wall Thermostat.

Note: Batteries are required in both remote receiver (4 x AA Batteries) & remote hand held (3 x AAA batteries) in order to operate appliance using the remote control.

12. **Final check:** 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.
- 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, or in the absence of local codes, with the current Canadian Electrical Code CSA C22.1 (in Canada) or with the current National Electrical Code ANSI/NFPA 70-1987 (in U.S.A.).

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

LIGHTING PROCEDURE

IMPORTANT: The remote control system supplied with this appliance has several options for starting/operating the appliance using the battery holder and ON/OFF key on the handheld transmitter.

Prior to operating this appliance, please read the remote control operating instructions (packaged with remote control) to understand how to operate this remote control system.

Important: If the pilot does not hold, turn pilot knob to "OFF" position. Wait 5 minutes to clear gas. If you smell gas - STOP! Follow the safety information above. If you don't smell gas, repeat steps 1-6.

1. Push in gas control knob slightly and turn to "PILOT" position.
2. Push in control knob all the way and hold in until the pilot lights up. Continue to hold the control knob in until a faint buzzer sound can be heard for 4 seconds informing the operator that the knob can now be released. Release knob.
3. Push in gas control knob slightly and turn to "ON" position.
4. Ensure the receiver is in the remote position.
5. Press and release the ON/OFF button on the remote handheld transmitter. An audible beep should be heard from the receiver. (See diagram 1) Ensure the receiver is in the remote position.



Diagram 1
Remote shown in Manual Mode on Hi

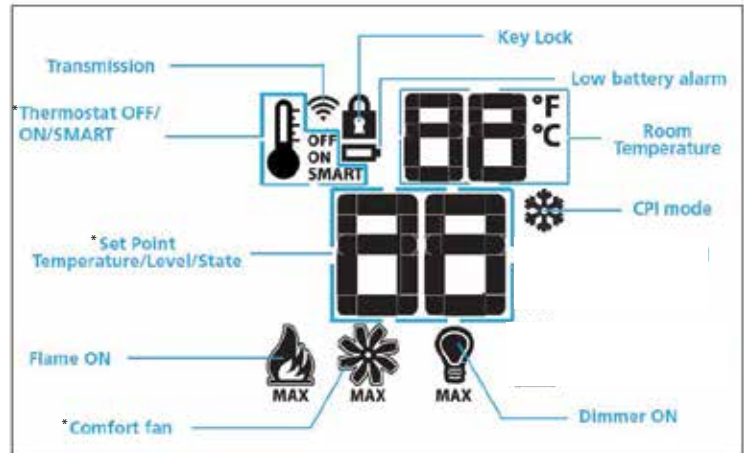
6. The unit will turn on.

SHUTDOWN PROCEDURE



Note: May not be exactly as shown as hand-held may be silver or black.

1. Press "OFF" on the remote or slide receiver switch from remote to "OFF".
2. Turn the gas control knob to the "OFF" position to turn off the pilot. Pilot may be shut off during prolonged non-use periods to conserve fuel.
3. If service is to be performed - you must disconnect power and shut off gas to the unit.



* Not offered on all models.

See remote control instructions for details.

PROFLAME I REMOTE CONTROL OPERATING INSTRUCTIONS

IMPORTANT: The Proflame Transmitter 1 is an integrated part of the Proflame 1 System, which consists of these elements:

- Proflame 1 Transmitter, to be used in conjunction with:
- Integrated Fireplaces Control (Proflame 1 DFG)

The Proflame 1 Transmitter provides for controlling the following hearth appliance functions:

1. Main Burner On/Off
2. Main Burner flame modulation (6 levels)
3. Thermostat and Smart thermostat functions
4. Accent light modulation (6 levels)**
5. Comfort Fan speed modulation (6 levels)**

** This feature is not available on all models.

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



Figure 1: Proflame Transmitter

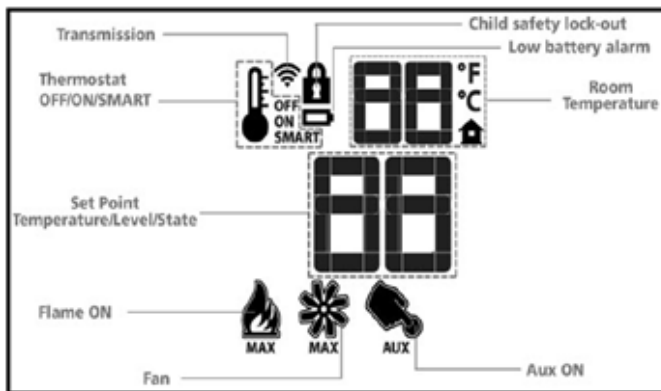


Figure 2: Transmitter LCD Display

Note: May not be exactly as shown as hand-held may be silver or black.

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

WARNING: THE TRANSMITTER AND RECEIVER ARE RADIO FREQUENCY DEVICES. PLACING THE RECEIVER IN OR NEAR METAL MAY SEVERELY REDUCE THE SIGNAL RANGE.

ATTENTION!

- Turn "OFF" the main gas supply of the appliance during installation or maintenance of the Receiver device.

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

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

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

OPERATING PROCEDURE

Pairing the remote control to remote receiver/battery holder (if required)

Install the 4 AA batteries into the receiver battery bay. Note the polarity of the battery and insert into the battery bay as indicated on the Battery cover (+/-). Place the 3 position slider switch in the "Remote" position. Press the PRG button located on the top right hand corner of receiver, see the receiver instruction(*). The Receiver will "beep" three (3) times to indicate that it is ready to synchronize with a Transmitter. Install the 3 AAA type batteries in the Transmitter battery bay, located on the base of the Transmitter. (fig. 3) With the batteries already installed in the Transmitter, push the On button. The Receiver will "beep" four times to indicate the Transmitter's command is accepted and sets to the particular code of that Transmitter. The system is now initialized.

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



Figure 3: Battery Compartment

Temperature indication Display

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

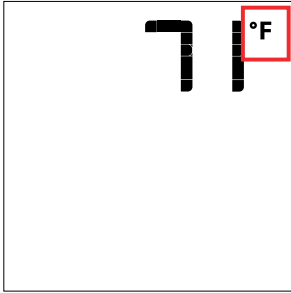


Figure 4: Remote Control display in Fahrenheit.

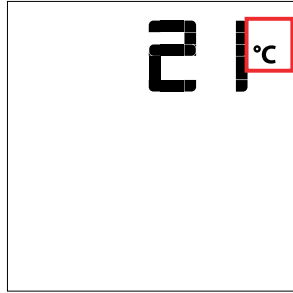


Figure 5: Remote Control display in Celsius.

Turn on the Appliance

With the system OFF, press the ON/OFF Key on the Transmitter. The Transmitter display will show some other active Icons on the screen. At the same time the Receiver will activate the appliance. A single "beep" from the Receiver will confirm reception of the command.

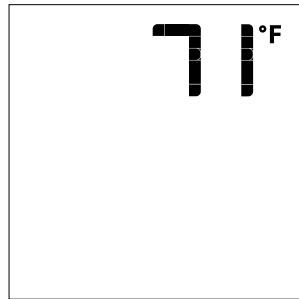


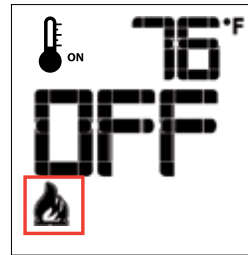
Figure 6: Remote Control display

Turn off the Appliance

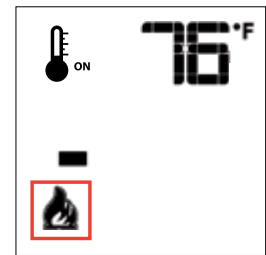
With the system ON, press the ON/OFF Key on the Transmitter. The Transmitter LCD display will only show the room temperature (Fig. 6). At the same time the Receiver will turn off the appliance. A single "beep" from the Receiver confirms reception of the command.

Remote-Flame Control

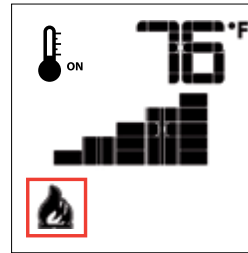
The Proflame has six (6) flame levels. With the system on, and the flame level at the maximum in the appliance, pressing the Down Arrow Key once will reduce the flame height by one step until the flame is turned off. The Up Arrow Key will increase the flame height each time it is pressed. If the Up Arrow Key is pressed while the system is on but the flame is off, the flame will come on in the high position. (Fig. 7 & 8) A single "beep" will confirm reception of the command.



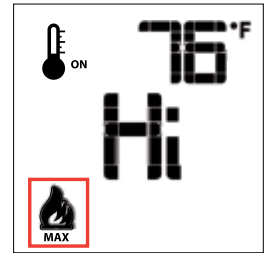
Flame Off



Flame Level 1



Flame level 5



Flame Level Maximum

Fig. 8

Room Thermostat (Transmitter Operation)

The Remote Control can operate as a room thermostat. The thermostat can be set to a desired temperature to control the comfort level in a room. To activate this function, press the Thermostat Key (Fig. 1). The Lcd display on the Transmitter will change to show that the room thermostat is "ON" and the set temperature is now displayed (Fig. 9). To adjust the set temperature, press the Up or Down Arrow Keys until the desired set temperature is displayed on the LCD screen of the Transmitter.

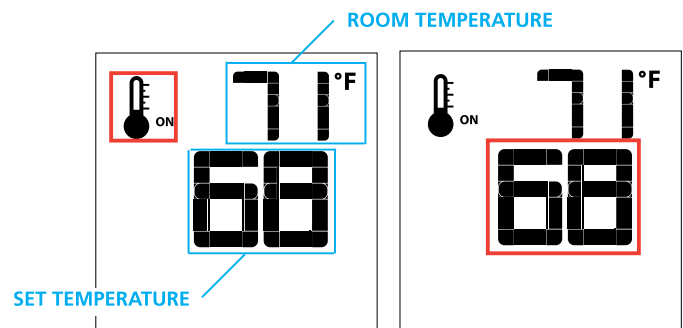


Figure 9

Figure 10

Smart Thermostat (Transmitter Operation)

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

To activate this function, press the Thermostat Key (Fig. 1) until the word "SMART" appears to the right of the temperature bulb graphic (Fig. 11). To adjust the set temperature, press the Up or Down Arrow Keys until the desired set temperature is displayed on the LCD screen of the Transmitter (Fig. 12).

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

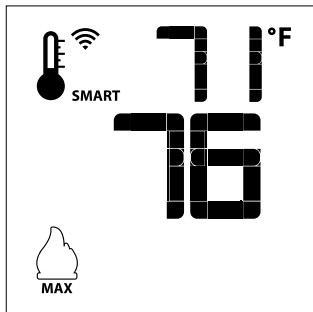


Figure 11: Smart Flame Function

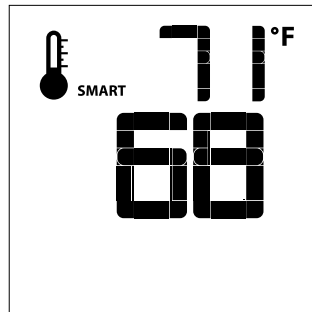


Figure 12

Remote dimmer control (Light)**

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

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

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

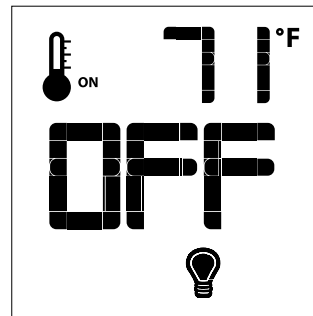


Figure 15

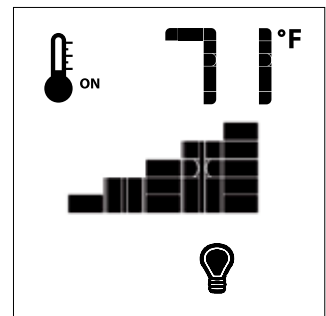


Figure 16

Fan Speed Control**

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

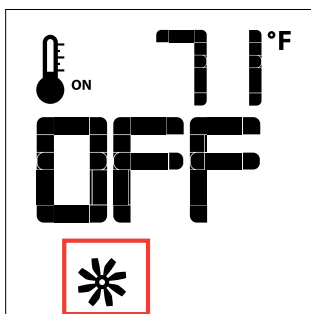


Figure 13

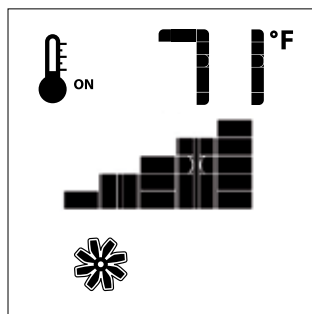


Figure 14

KEY LOCK

This function will lock the keys to avoid unsupervised operation.

To activate this function, press the MODE and UP Keys at the same time (fig. 21).

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

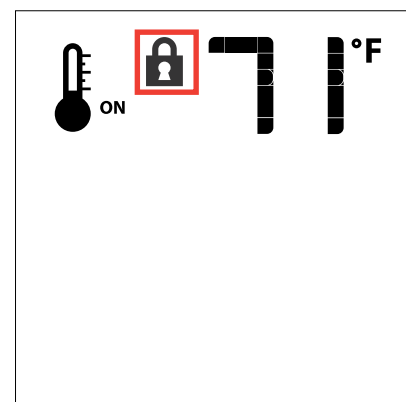


Figure 18

LOW BATTERY POWER DETECTION

Transmitter

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

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

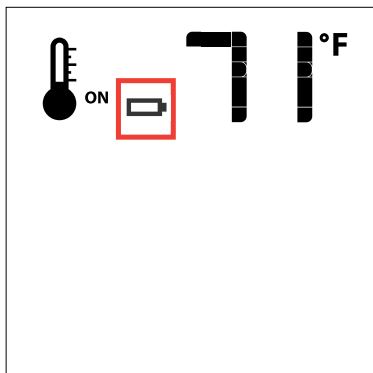


Figure 19

ENABLE / DISABLE functions on the Proflame I remote only.

1. Remove one battery from the remote.
2. Press and hold both the **ON/OFF** and the **MODE** button at the same time.
3. Reinstall the battery (removed in Step 1) while still holding both buttons (keep holding both buttons and once all batteries are installed then release the **MODE** button only).
4. The screen will show **CFG**.
5. Use the up or down arrow button to program out the function on the remote.

PROFLAME I REMOTE RECEIVER BATTERY REPLACEMENT

Remote Receiver Battery Replacement

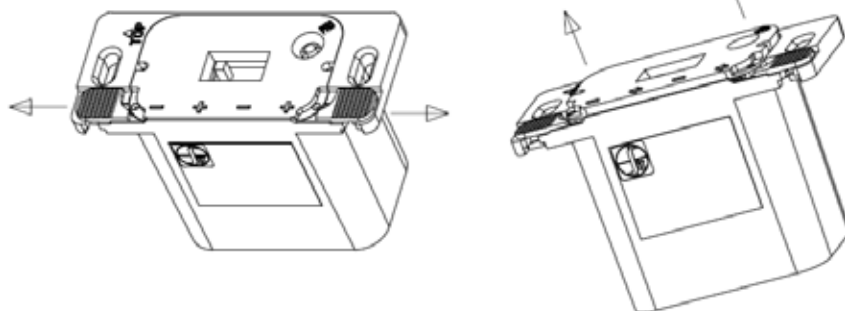
How to replace/add the batteries on remote receiver.

Note: 4 AA batteries are mandatory in the remote receiver to operate appliance when using remote control.

STEP 1

Move both the left/right slides as shown below.

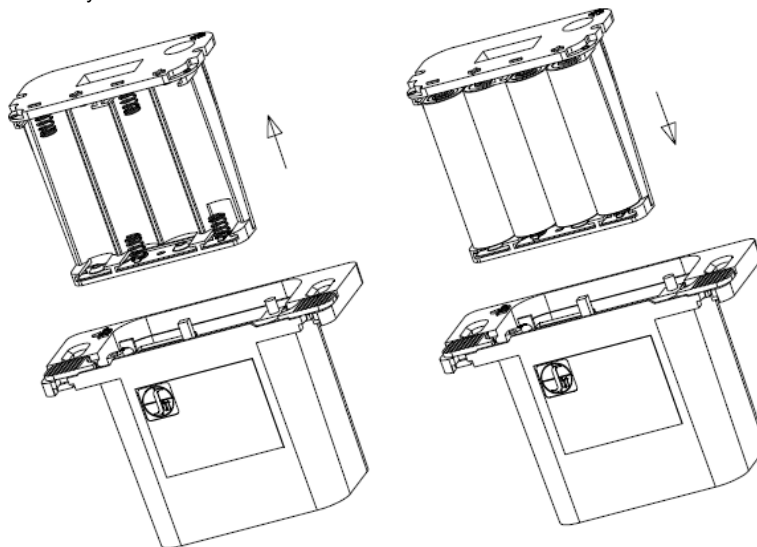
The battery compartment will be pushed out slightly, to allow to easily extract it



STEP 2

Extract the battery compartment from the remote receiver/battery holder

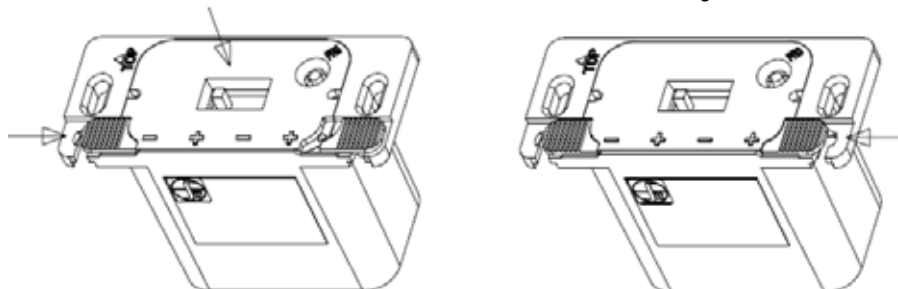
Replace 4 x AA batteries and insert the battery compartment back into remote receiver/battery holder



STEP 3

Keeping the battery compartment pressed in, close the left slide

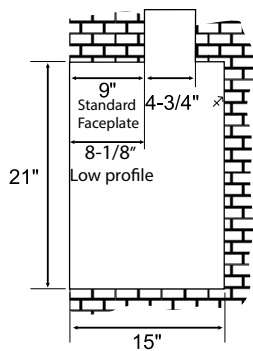
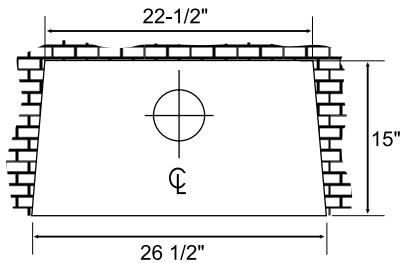
Close the right slide



STEP 4 Reinstall wall cover plate with 2 Phillips head screws.

MINIMUM FIREPLACE DIMENSIONS

The minimum fireplace dimensions for the FPI gas fireplace insert are shown in the following diagrams:



Note: If using the 948-402/P gas flue offset adaptor, depth would change from 15" to 24-1/2".

CLEARANCES TO COMBUSTIBLES

From Unit

Sides	*A 10" / 255 mm
Ceiling	B 47.5" / 1205 mm
Mantle	C See mantle clearances

Max. Mantel Depth	G 12" / 305 mm
--------------------------	-----------------------

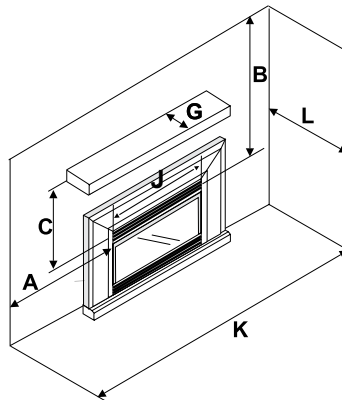
Min. Alcove Width	K 48" / 1220 mm
--------------------------	------------------------

Max. Alcove Depth	L 36" / 915 mm
--------------------------	-----------------------

***No Hearth Required**

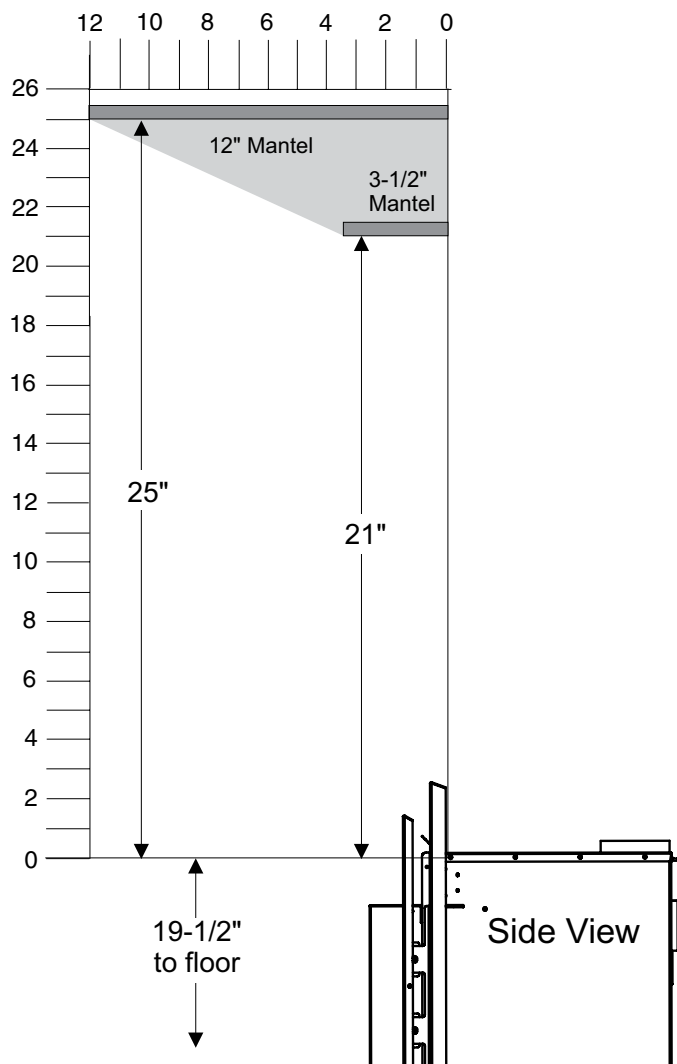
***Measured from edge of glass frame.**

(J) Glass Frame Width (Reference Only): 26" (660mm)

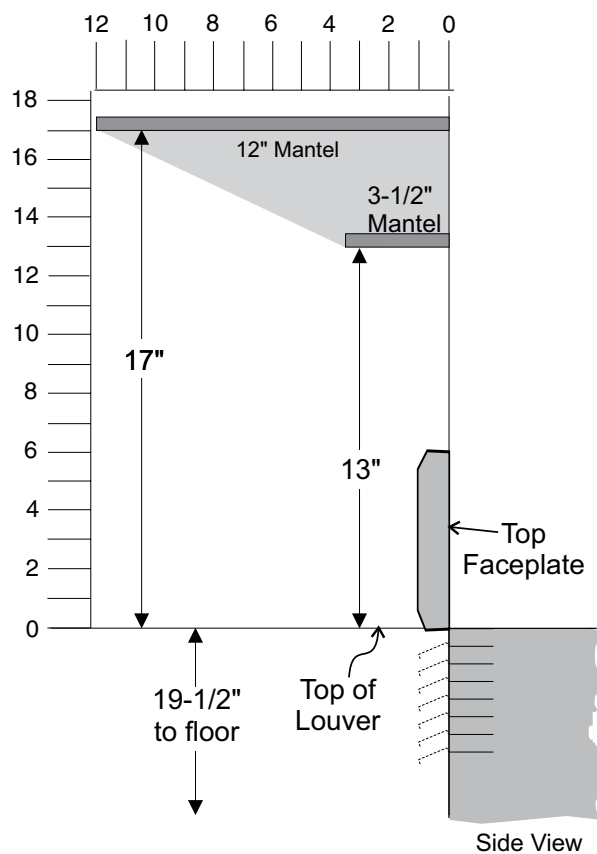


COMBUSTIBLE MANTEL CLEARANCES IN MASONRY INSTALLATION

Clearances for Low Profile Faceplate with Safety Screen



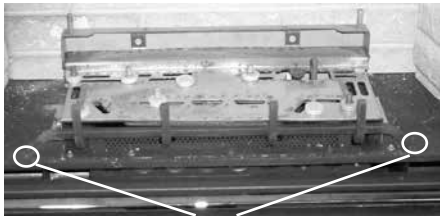
Clearances for Contour Faceplate with Safety Screen & Louvers



CONVERSION FROM NATURAL GAS TO PROPANE

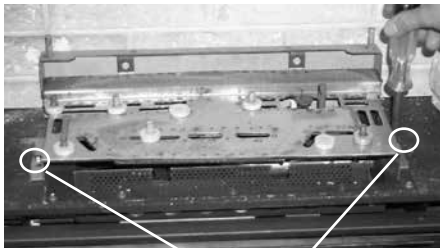
THIS CONVERSION MUST BE DONE BY A QUALIFIED GAS FITTER IF IN DOUBT DO NOT DO THIS CONVERSION !!

- 1) Turn the unit off and allow it to cool to room temperature.
- 2) Unplug or disconnect power source to stove.
- 3) Remove safety screen and glass front (see manual).
- 4) Remove logs and brick panels (if installed).
- 5) Remove the Grate by removing the screws on each side of the grate.



Remove the 2 screws holding the grate in position.

- 6) Remove the Burner Tray by removing the screws on each side of the tray. Push the tray to the left and lift up.



Remove the 2 screws, push Burner Tray to the left, and lift off.

- 7) Remove burner orifice with 1/2" wrench and replace with the #52 orifice in the Kit.



Burner Orifice

- 8) Turn control knob to the "OFF" position.

- 9) Remove the black protection cap by hand from the hi-low knob (Fig.1).

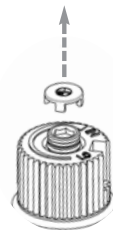


Fig. 1

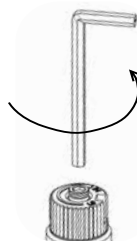


Fig. 2

- 10) Insert a 5/32" or 4mm Allen wrench into the hexagonal key-way of the screw (Fig. 2), rotate it counter-clockwise until it is free and extract it.

- 11) Check that the screw is clean and if necessary remove dirt.

- 12) Flip the screw (Fig. 3).

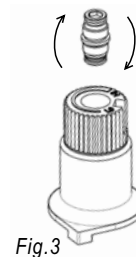


Fig. 3

- 13) Using the Allen wrench as shown in Fig.4, rotate the screw clockwise until snug, do not overtighten.

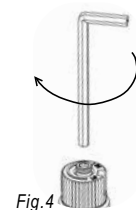


Fig. 4

WARNING!
Do not over tighten the screw.
Recommended to grip the wrench by the short side.

- 14) Verify that if the conversion is from NG to LPG, the screw must be re-assembled with the red o-ring visible (Fig. 5).

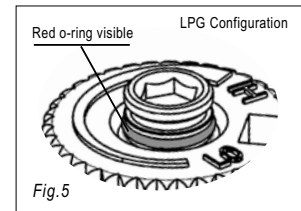
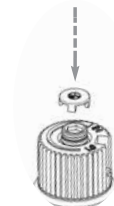


Fig. 5

- 15) Re-assemble the black protection cap (Fig. 6).



- 16) Reverse steps 6 - 1.

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



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



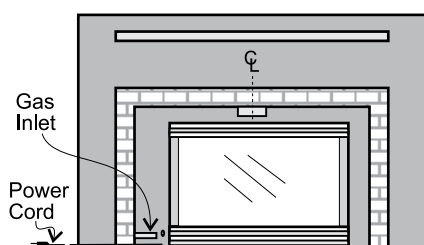
- 19) Replace Burner Tray and reverse steps 5) to 1).

- 20) Adjust the burner aeration setting to 3/8" to 3/8" as required for the best flame picture.

GAS CONNECTION

GAS CONNECTION WARNING:
Only persons licensed to work with gas piping may make the necessary gas connections to this appliance.

- 1) If the appliance is to be installed into an existing chimney system, thoroughly clean the masonry or factory built fireplace.
- 2) The appliance is provided with an opening on the left hand side of the control compartment. A 1/2" gas supply pipe must be brought near this inlet hole.



- 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.
- 4) The installer must provide a valve with a plugged tapping, accessible for test gauge connection, immediately upstream of the gas supply connection to the appliance.

HIGH ELEVATION

This unit is approved in Canada for altitude 0 to 2000 ft. with the orifice supplied. For 2000' - 4500' use the optional field conversion kit (Part #400-970 for Natural Gas units and Part #400-971 for Propane units). In USA refer to ANSI Z223.1-1988, Appendix F, for re-sizing orifice.

VENTING

This appliance is designed to attach to a 4" diameter type B-Vent or listed gas fuel type vent liner running the full length of the chimney. A minimum flue height of 12 feet is recommended. B-Vent must be supported by a vent support - supplied by vent manufacturer. See chart on this page for minimum distances from roof.

The Regency Insert incorporates its own internal draft hood, so no additional external draft hood is required.

Periodically check that the vent is unrestricted and an adequate draft is present when the unit is in operation. (See page 15 for spillage test.) 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.

DRAFT HOOD CONNECTION

- 1) Attach the vent to the flue collar on the detachable draft hood. The flue collar of the appliance will fit inside a standard vent and may be fastened directly to the vent by sheet metal screw. Diagram 1.
- 2) Before pushing the appliance into position inside the fireplace, align the draft hood with the guides on the insert top and pull forward. While pushing the unit back into place, keep pulling the draft hood forward until the screw hole in the spill tube aligns with the screw hole in the draft hood locking tab on the underside of firebox top. The screw is secured through the draft hood locking tab into the front of the spill tube. (If screw holes do not line up then draft hood is not positioned correctly.)

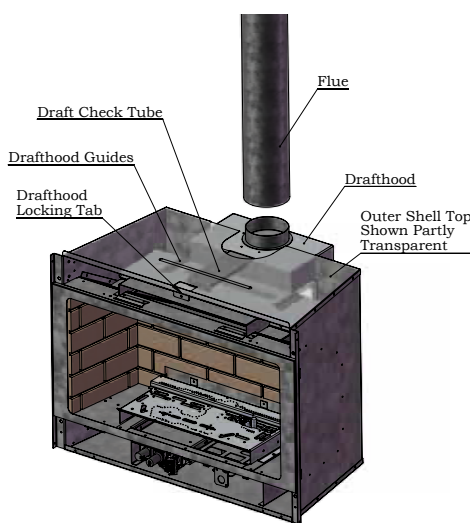
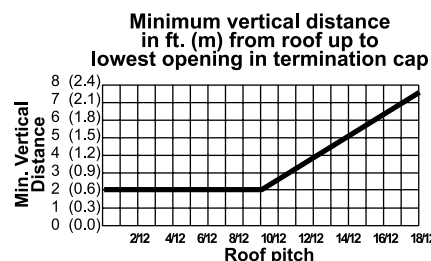
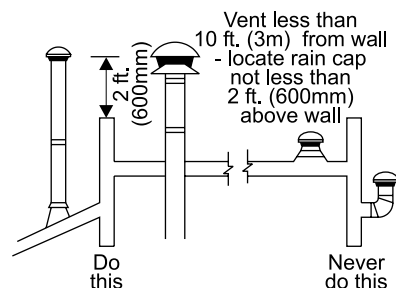


Diagram 1

NOTE: Final gas connection should be after unit is in place to avoid damage to line when pushing the unit into position.



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

Combustion and Ventilation Air

WARNING: This appliance needs fresh air for safe operation and must be installed with provisions for adequate combustion and ventilation air available to the room in which it is to be operating.

Follow CSA B149.1 (in Canada) or ANSI Z223.1 (in the USA) requirements, and any local codes or regulations of the enforcing authority.

Air for combustion is drawn in through the front of the unit, therefore, the front of the unit must be kept clear of any obstructions.

GAS PRESSURE TEST

The unit is preset to give the correct gas input at the specified manifold pressures shown on the label.

The maximum gas manifold pressure is:

Natural Gas	3.5" w.c.
Propane	10" w.c.

The manifold pressure is controlled by a regulator built into the gas control, and should be checked at the pressure test point. The pressure check should be carried out with the unit burning and the setting should be within the limits specified.

GAS INSERT AERATION SYSTEM

The aeration adjustment rod is attached to the air shutter which is located just above the orifice bracket. The rod is used to adjust the aeration on the main burner without having to take the appliance apart.

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

Natural Gas: 3/8" (9.5mm) open
Propane: 3/8" (9.5mm) open

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.

TEST FOR FLUE SPILLAGE

A "spillage" test must be made before the installed unit is left with the customer. Follow the procedure below:

1. Start all exhaust fans in the home and then close all external doors and windows in the house.
2. Light the unit and set controls to maximum. Turn fan off.
3. After five minutes, test that there is a "pull" on the flue by placing a smoke match, cigarette or similar device which gives off smoke, in front of the spill tube. To ensure a valid test, place a scrap piece of sheet metal (or other noncombustible material) between the spill tube and the upper louver, this will prevent the natural convection of the unit from interfering with the test. See Diagram 1.

Check for proper draft by placing a match close to the draft check opening. This should be checked after the unit has been operating for 15 min.

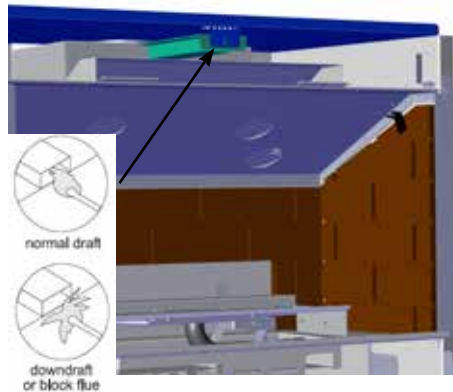
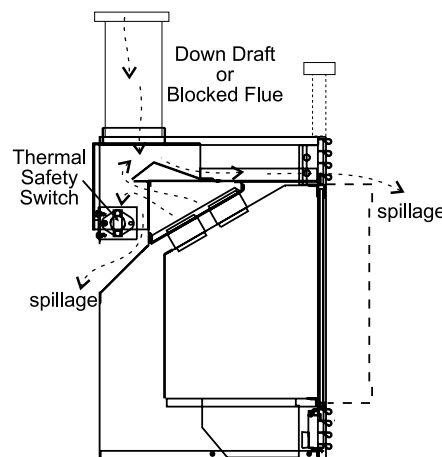


Diagram 1

The smoke should be drawn into the spill tube. If the smoke is still not drawn into the spill tube, turn the unit off and check for the cause of the lack of draft. If necessary, seek expert advice.



For wind turbulent sites, a wind cap may remedy the problem.

Note: The thermally activated safety switch will sense the change in temperature and shut down the gas valve in the event of a severe downdraft or a blocked or disconnected vent. The switch acts as a safety shut-off to prevent a build-up of carbon monoxide. If the flue is blocked or has no "draw", the switch will automatically shut off the supply of gas within 5 - 10 minutes. Tampering with the switch can result in carbon monoxide (CO)

If the heater turns off because of lack of draft during the spillage test, check for the cause and if necessary, seek expert advice.

The thermally actuated safety switch will automatically reset after it has cooled off. The switch will continue to cycle until the draft problem is corrected. DO NOT BYPASS OR DISCONNECT THIS SWITCH.

OPTIONAL BRICK PANEL

1. Unwrap the brick pattern panels from the protective wrapping.
2. Remove the safety screen and glass front if it is already installed.
3. Put the rear brick panel flat against the back of the unit.

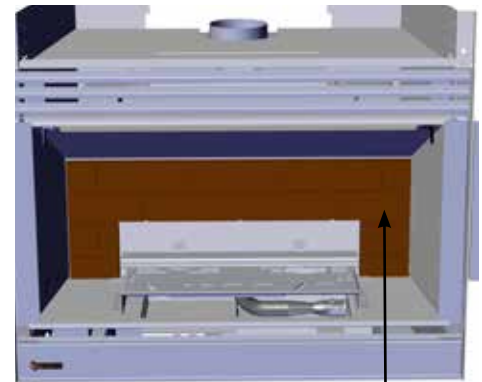


Diagram 1

Back Panel

4. Before installing the side brick panels, loosen the screws for the brick tabs enough so that you can slide the brick clips on to the screws easily but that the tabs are secure. For the location of the side brick tab screws see Diagram 2.

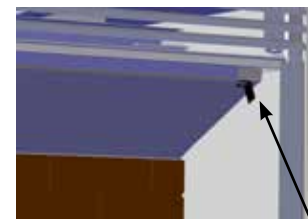


Diagram 2

Brick clip

- 5) Slide brick panel under brick clips, tighten screws securing clips to complete installation.

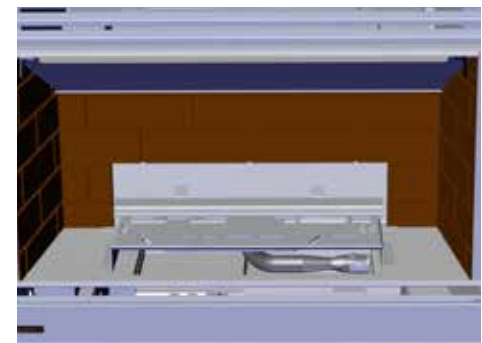


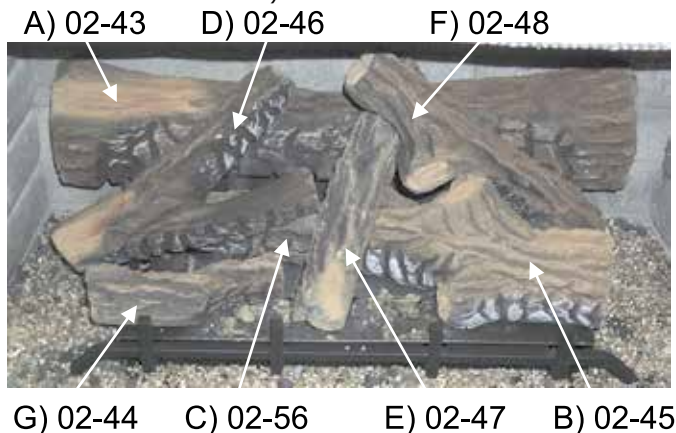
Diagram 3

LOG SET INSTALLATION

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

The gas log kit contains the following:

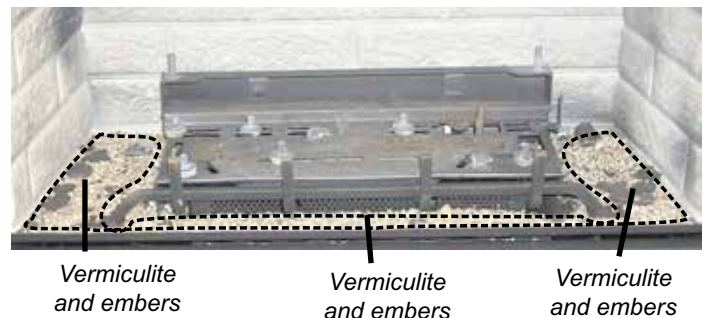
- a) 02-43 Rear Log
- b) 02-45 Front Right Log
- c) 02-56 Middle Left Log
- d) 02-46 Left Top Log
- e) 02-47 Center Log
- f) 02-48 Middle Right Log
- g) 02-44 Front Left Log
- h) 902-154 Embers
- i) 902-153 Rockwool
- j) 902-179 Vermiculite
- k) 946-669 Platinum Embers
- l) 946-708 (supplied with packaged manual)
Embaglow Embers (supplied with packaged manual)



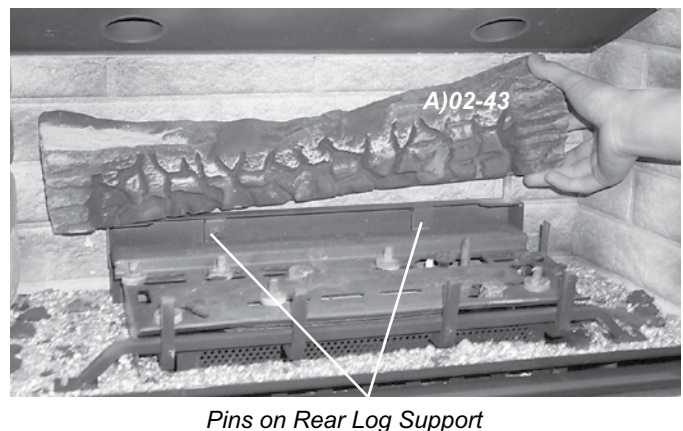
The "02" refer numbers (i.e. 02-43) are molded into the rear of each log.

Note: Install Optional Brick Panels prior to installing logs.

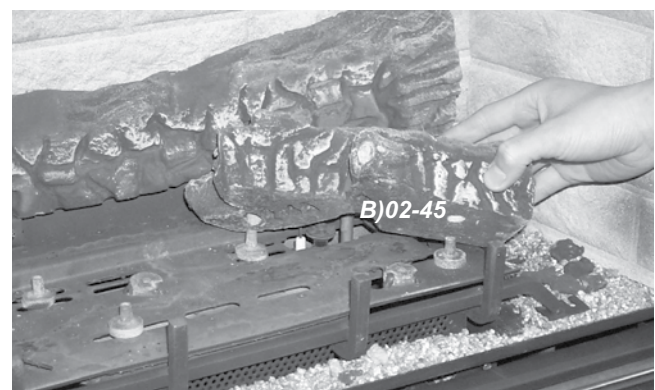
- 1) Carefully remove the logs from the box and unwrap them. The logs are fragile, handle with care - **do not force into position.**
- 2) Sprinkle the vermiculite around the firebox base. Take some of the embers (approx. 1/3 of the bag) and sprinkle over the vermiculite.



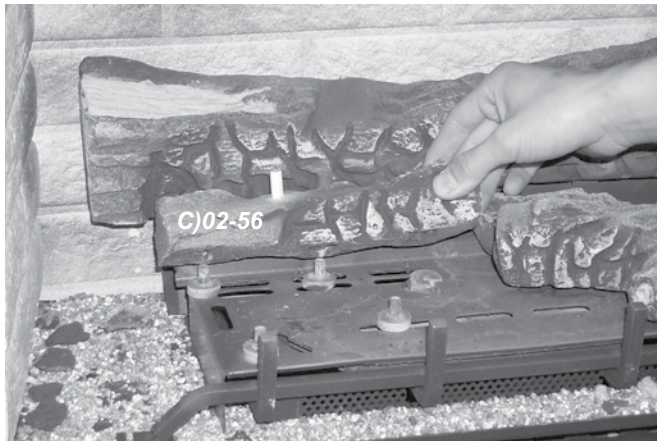
- 3) Place Rear Log A)02-43 on the two pins on the rear log support.



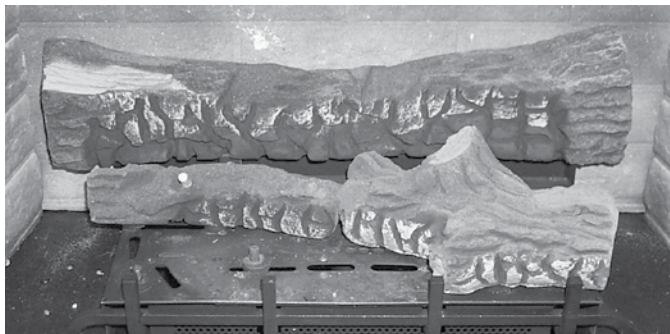
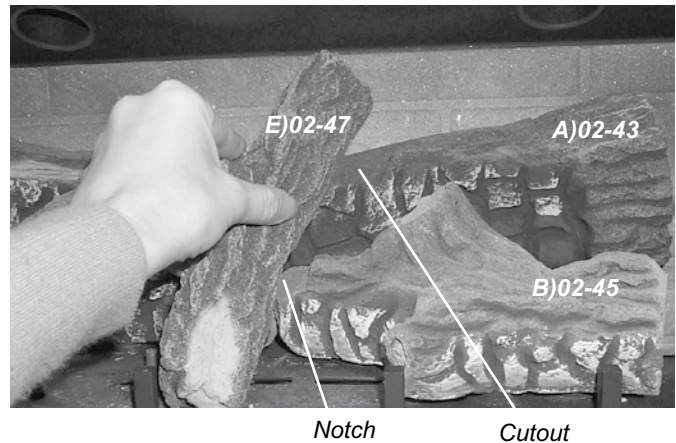
- 4) Place Front Right Log B)02-45 on the two pins as shown.



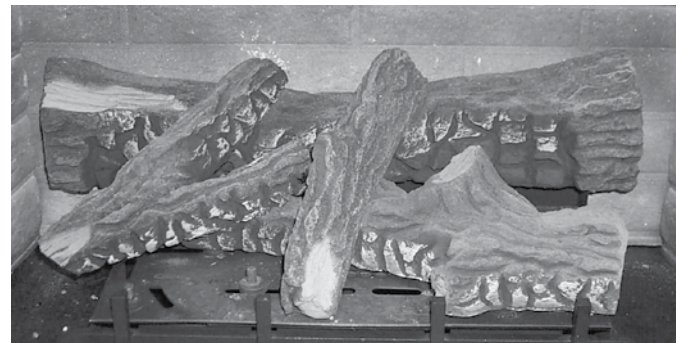
- 5) Place the Middle Left Log C)02-56 on the two pins as shown.



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

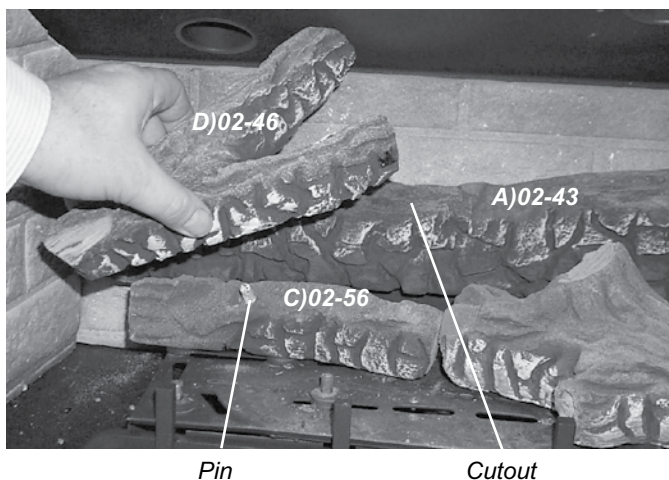


Logs A)02-43, C)02-56, and B)02-45 in position

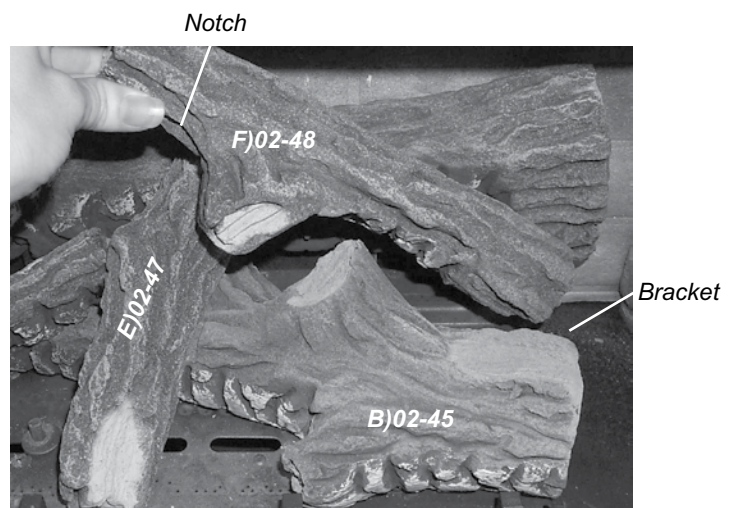


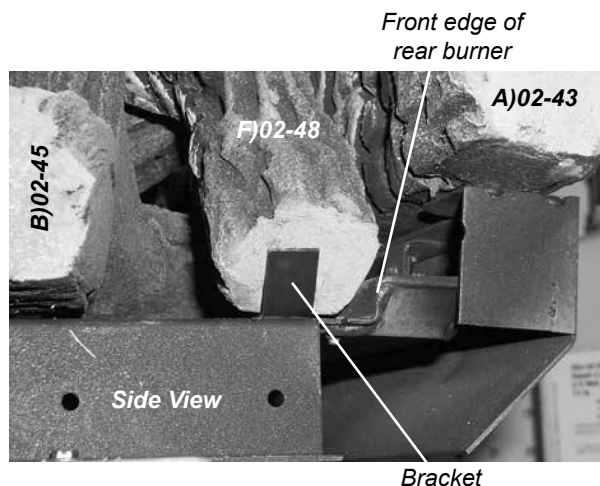
Logs D)02-46 and E)02-47 in position.

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



- 8) Position notch in Front Right Log F)02-48 on Log E)02-47 and push the bottom right edge against the bracket on the burner tray and the front edge of the rear burner.



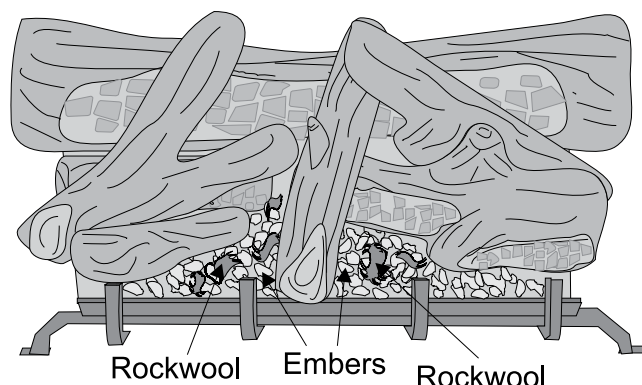


The bottom right edge of Log F)02-48 must sit snugly against the bracket and the front edge of the rear burner.

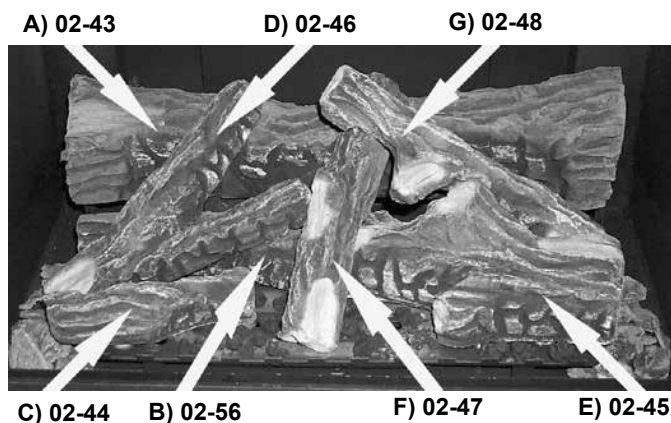
- 9) Place Front Left Log G)02-44 onto the 2 front pins as shown.



- 10) Place the embers and Rockwool on the exposed front burner tray.



- 11) Separate platinum embers and place on and around the embers and rockwool on the burner tray. Avoid stacking platinum embers. Separate the embaglow embers and place at the front of the burner only over the platinum embers, rockwool & embers.
- 12) Test fire to ensure proper light off (make sure flame flows smoothly from one end of burner to the other. If there is any flame hesitation, check that area for any blockage of the burner port.



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

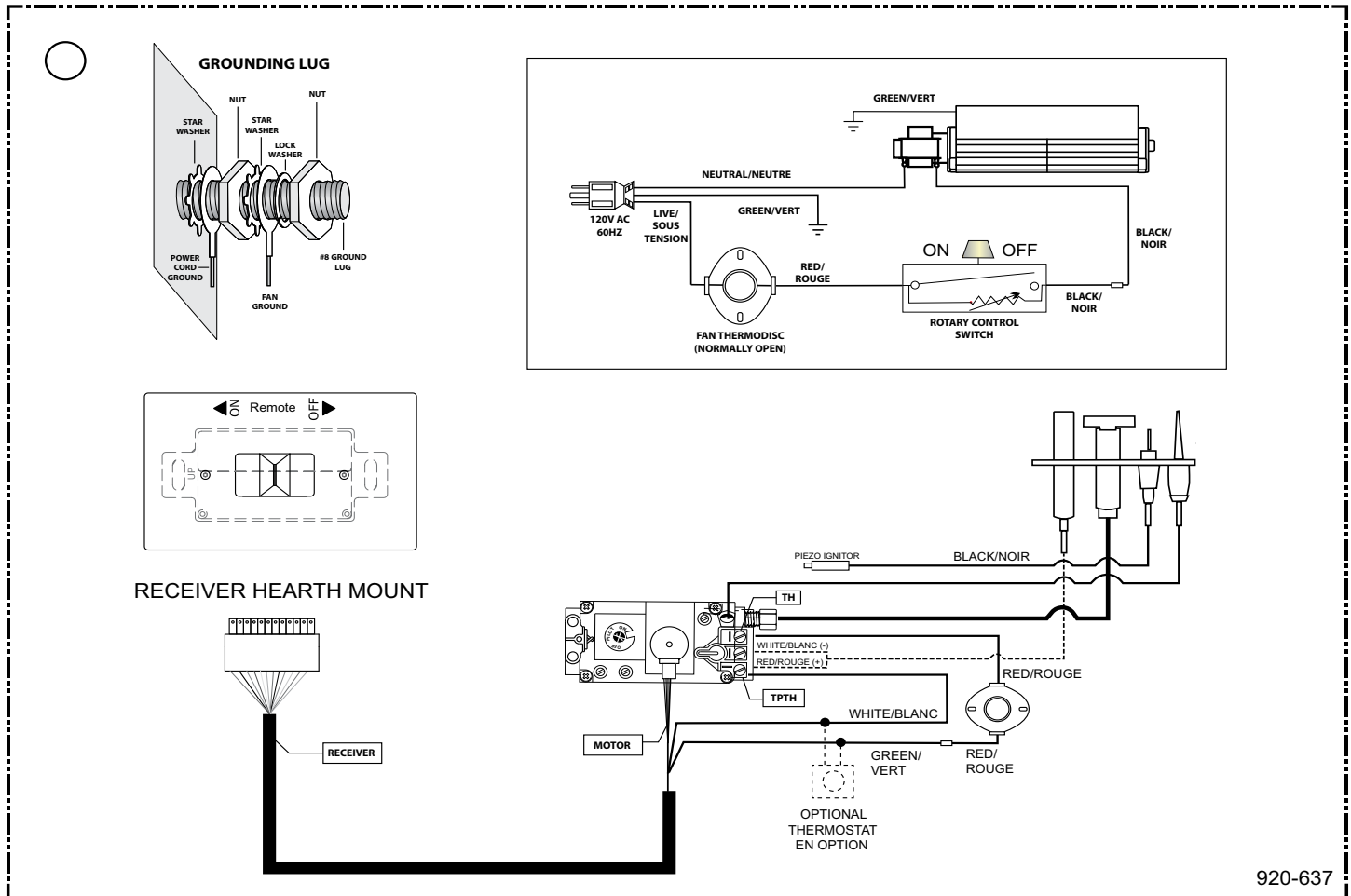
WIRING DIAGRAM

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

Note: Batteries are required in both remote receiver (4 x AA Batteries) & remote hand held (3 x AAA batteries) in order to operate appliance using the remote control.

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.

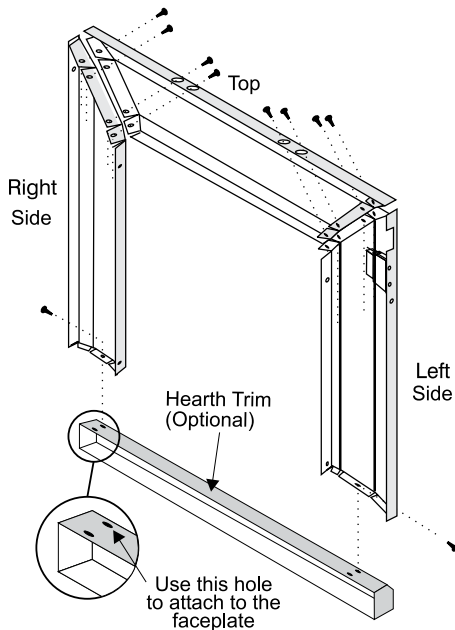


WARNING: Electrical Grounding Instructions

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.

STANDARD FACEPLATE & HEARTH TRIM INSTALL

1. Lay the faceplate panels flat, face down on something soft so they don't scratch.
2. Take the top faceplate and align the holes in it with the holes in the side panels. Using the screws provided, attach from the top of the panel (the holes in the top panel are slightly larger than the holes in the side panel to facilitate easier installation). Diagram 1.



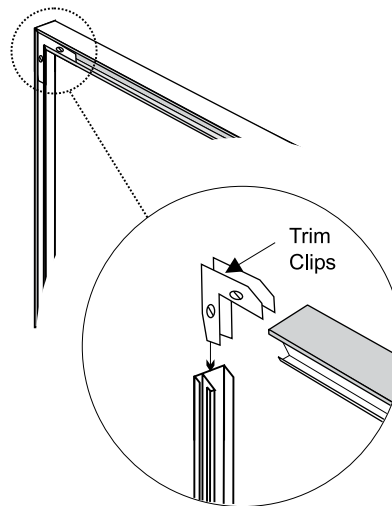
Rear View: Faceplate Assembly
Diagram 1

Hint: Do not tighten the screws down completely at this point, continue on with steps 3 and 4 and do a trial fit to the unit. Make any necessary adjustments and when it fits properly then tighten down the screws.

Hearth Trim Option: Hearth Trim is an option that can be used to finish off the installation when the bottom of the fireplace is higher than the hearth or to raise the fireplace. Attach the Hearth Trim to the bottom of the faceplate side panels with the screws provided. See Diagram 1.

3. Using the connectors provided, join the left side trim (with the ON/OFF switch) to the top trim. Diagram 2. Connect the right side trim to the top trim.

4. Place the trim on the assembled faceplate panels, aligning the wire connections from the switches with the notch on the left side panel.



Rear View: Trim Assembly
Diagram 2

5. Connect the fan switch wires by taking the black and red wires with the male ends (in the grey harness) and connect them with the wire connectors from the fan speed control.
6. Tuck the wires into the faceplate to keep them away from the insert using the clip provided. Attach the clip to the rear of the faceplate to ensure that the wires do not touch the side of the unit. Diagram 3.
7. The power cord should be run behind the faceplate panel.

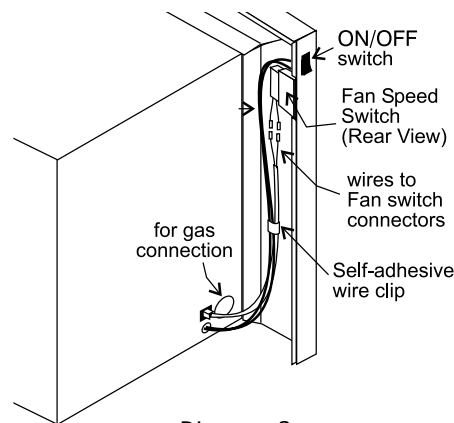


Diagram 3

8. Attach the brass trim to the faceplate by drilling a 1/8" hole through into the faceplate using the hole in the trim as a guide. Fasten the trim to the faceplate panels using the plated screws. Diagram 4.

9. Attach the faceplate panels to the insert body using the 4 remaining black screws. Diagram 5.

10. Push the Regency logo plate into the two holes in the bottom left corner of the faceplate.

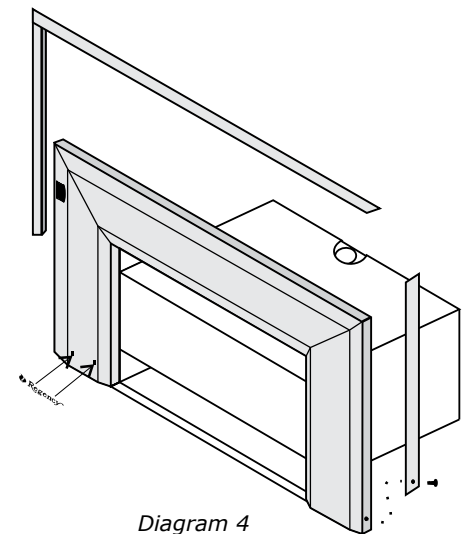


Diagram 4

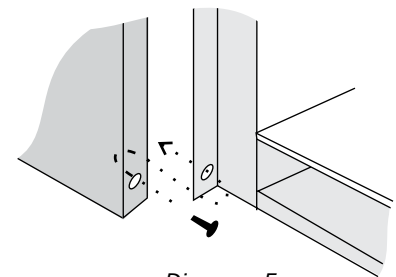
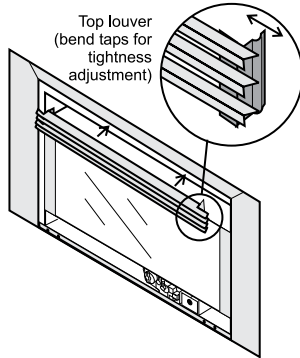


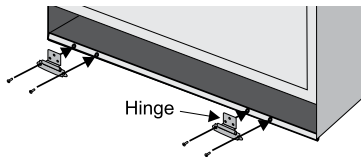
Diagram 5

FLUSH LOUVER INSTALLATION

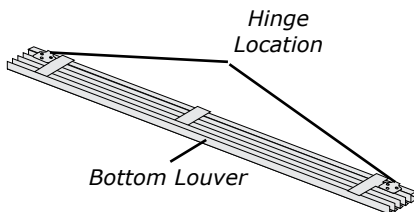
1. The Top Louver is held in place by friction fit, if the Louver needs to be adjusted; bend the bracket out as shown in the diagram.



2. Install the Spring Hinges on the left and right side of the bottom of the Firebox using 2 screws per hinge.



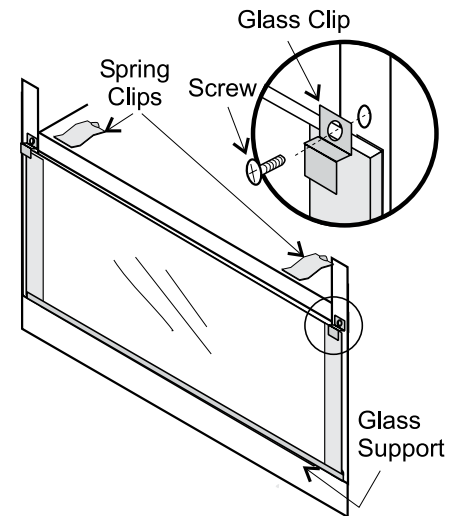
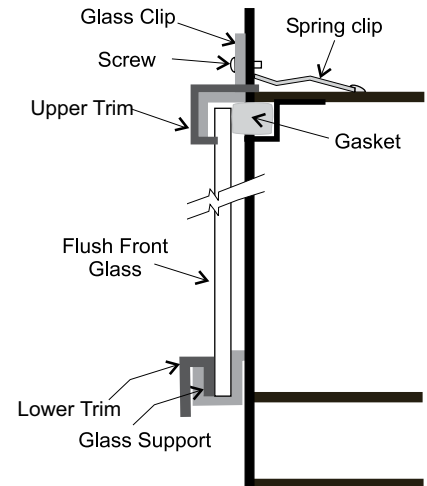
3. Place the Bottom Louver near the hinge. Flip hinge over the Bottom Louver and secure using 3 screws.



FLUSH GLASS INSTALLATION

- 1) Install upper and lower trim.
- 2) Slide the glass into the bottom glass support and secure with the glass clips using the 2 phillips head screws at the top.

Note: To remove the glass, reverse the procedure.



WARNING

The use of substitute glass will void all product warranties.

Do not operate the appliance if the glass panel(s) are removed, cracked or broken.

Replacement of the glass panel(s) should be done by a qualified service person.

LOW PROFILE FACEPLATE INSTALLATION

- 1) Attach the inner faceplate panel to the insert body using 4 screws in the locations shown below.



Diagram 1



Diagram 2

- 2) Connect the male end black and red fan switch wires to the wire connectors from the fan speed control.



Diagram 3

- 3) Tuck the wires into the clip to keep them away from the insert using the clip provided. Attach the clip to the rear of the faceplate to ensure that the wires do not touch the side of the unit. The power cord should be run behind the inner faceplate panel.



Diagram 4

- 4) Install the on/off switch - fan speed control box to the left hand bottom corner of the inner faceplate. Controls located on the left side.



Diagram 5

- 5) Feed wires through the left air chamber clip - then clip it to lower left of firebox as show below.

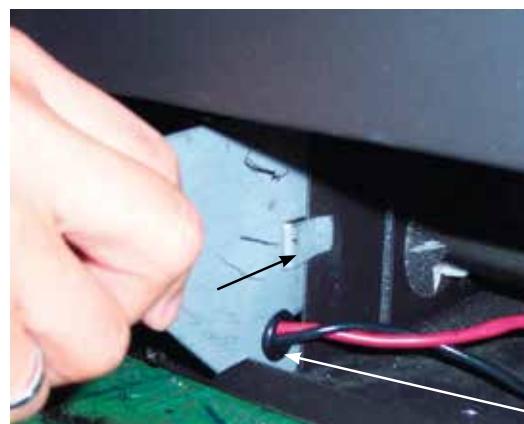


Diagram 6

Wire
feed

- 6) Clip the right side air chamber clip as shown below in Diagram 7.

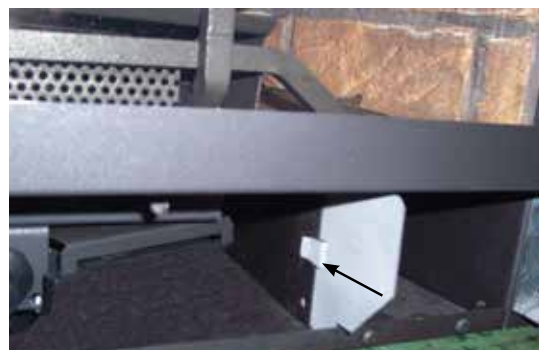


Diagram 7

- 7) Attach 2 brackets near the bottom of the unit with one screw as shown below in Diagram 8 (left and right brackets are interchangeable).



Diagram 8

Bracket

- 8) Attach Regency logo to bottom louver. Install bottom louver by hanging louver on brackets installed in step 7.



Diagram 9

Attach Regency logo to left side of bottom louver

- 9) Hook door frame on 2 pins over glass door in locations shown below in Diagram 10.



Diagram 10

- 10) Take the outer faceplate, line up the openings on the left and right legs and install onto the inner faceplate panel pins.

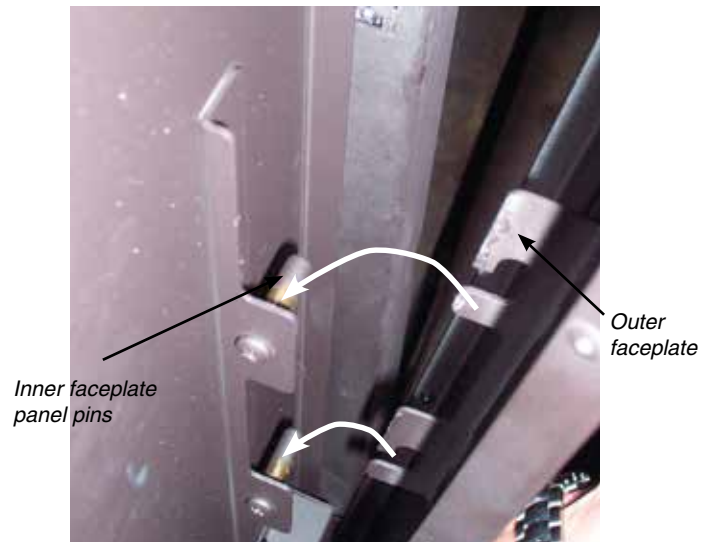


Diagram 11

- 11) Install safety screen—see next page.



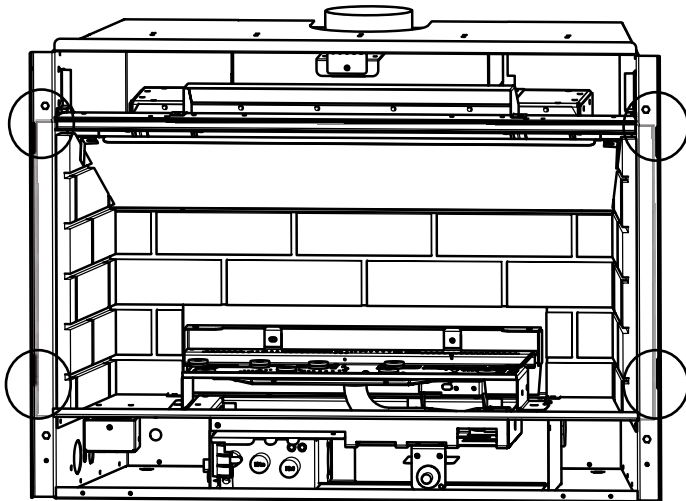
Final Install

Diagram 12

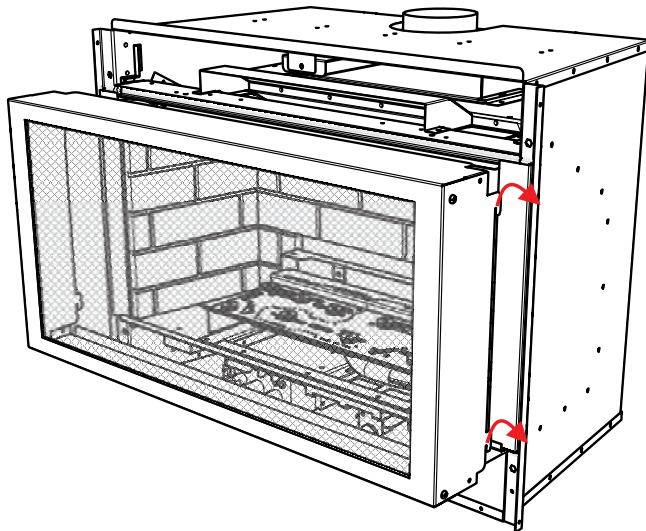
SAFETY SCREEN INSTALLATION / REMOVAL

1. Identify the four (4) slots located on the unit in locations shown below.

Note: If the top and bottom glass trim (supplied with the optional flush louvers) is installed, discard and recycle the glass trim as this not required when using the safety screen. This is only used on previous models of fireplaces which do not use this optional safety screen.



2. Hook the tabs on the safety screen into the slots on the unit.



3. To remove—lift screen assembly up and pull away from unit.

OPTIONAL WALL THERMOSTAT

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

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

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

CAUTION

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

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 connect the millivolt remote control wires to the 120V wires.

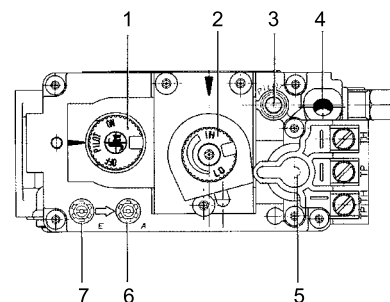
OPERATING INSTRUCTIONS

Before operating this appliance, proceed through the following check list.

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 door is in place. Never operate the appliance with the door glass removed.
5. Verify that all venting and the cap is unobstructed.
6. Verify log placement. If the pilot cannot be seen when lighting the unit - the logs or the embers have been incorrectly positioned.
7. The unit should never be turned off and on again without a minimum of a 60 second wait.
8. When lighting the appliance, the inside of the glass may fog up. This will burn off after a few minutes of operation.

820 Valve Description

1. Gas on/off knob
2. Manual high/low adjustment
3. Pilot Adjustment
4. Thermocouple Connection
5. Main Operator
6. Outlet Pressure Tap (Manifold Pressure)
7. Inlet Pressure Tap (Supply Pressure)
8. Pilot Outlet
9. Main Gas Outlet
10. Flange Securing Screw Holes
11. Alternative TC Connection Point
12. Thermoelectric Unit
13. Additional Valve Mounting Hole



FIRST FIRE

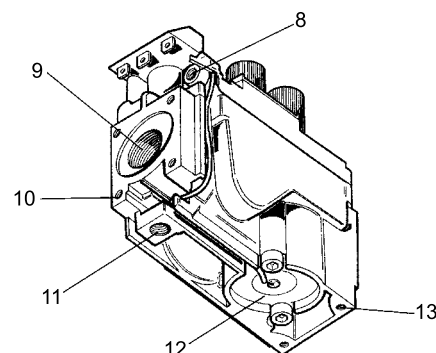
The first fire in your stove is part of the paint curing process. To ensure that the paint is properly cured, it is recommended that you burn your fireplace for at least four (4) hours the first time you use it with the fan on. When first operated, the unit will release an odour caused by the curing of the paint, 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 panel may require cleaning after the unit has cooled down.

DO NOT ATTEMPT TO CLEAN THE GLASS WHILE IT IS HOT.

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

DONOTBURN THE APPLIANCE WITHOUT THE GLASS FRONT IN PLACE.



FINAL CHECK

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

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

CAUTION

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

LIGHTING PROCEDURE

IMPORTANT

Prior to igniting or re igniting the pilot, remove the glass door.

Important: If the pilot does not hold, turn pilot knob to "OFF" position. Wait 5 minutes to clear gas. If you smell gas - STOP! Follow the safety information above. If you don't smell gas, repeat Steps 1-6.

1. Push in gas control knob slightly and turn to "PILOT" position.
2. Push in control knob all the way and hold in. Continually push and release the black button on spark igniter until pilot lights. Continue to hold the control knob in for about 1/2 minute after the pilot is lit. Release knob and it will pop back up. Pilot should remain lit. If knob does not pop up when released, stop and immediately call your service technician or gas supplier.
3. Push in gas control knob slightly and turn to "ON" position.
4. Ensure the receiver is in the remote position.

Set Switch to Remote



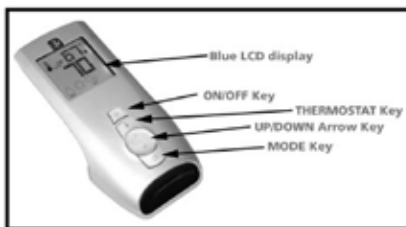
Diagram 1

5. Press and release the ON/OFF button on the remote handheld transmitter. An audible beep should be heard from the receiver.



ON/OFF Button

Diagram 2



6. The unit will turn on.

If the pilot will not stay lit after several tries, turn the gas control knob to "OFF" and call your service technician or gas supplier.

SHUTDOWN PROCEDURE

1. Press "OFF" on the remote or slide receiver switch from remote to "OFF".
2. Turn the gas control knob to the "OFF" position to turn off the pilot.

Pilot may be shut off during prolonged non use periods to conserve fuel.

AUTOMATIC CONVECTION FAN OPERATION

The fan operates automatically, turn the knob on the side of the faceplate to adjust to the desired speed. The fan will turn on as the stove comes up to operating temperature. After the unit has been turned off and the unit cooled to below a useful heat output range the fan will shut off automatically.

Note: The remote control will not operate the fan on this appliance. The fan is controlled by the fan speed controller/rheostat.

REMOTE RECEIVER

1. The remote receiver will be located on the lower left hand side of the appliance near the gas valve.
2. The small black cover plate will need to be removed by removing 2 x Phillips head screws to expose battery compartment. See instructions in this manual on how to replace 4 x AA batteries in remote receiver & 3 x AAA batteries in remote hand held.

Note: Batteries are required in both remote receiver (4 x AA Batteries) & remote hand held (3 x AAA batteries) in order to operate appliance using the remote control.

NORMAL OPERATING SOUNDS OF GAS APPLIANCES

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

Blower:

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

Burner Tray:

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

Blower Thermodisc:

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

Pilot Flame:

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

Gas Control Valve:

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

Unit Body/Firebox:

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

COPY OF THE LIGHTING PLATE INSTRUCTIONS

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

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 fourni 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 has a pilot that must be lighted by hand. When lighting the pilot, follow these instructions exactly.

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

WHAT TO DO IF YOU SMELL GAS

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

C) Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, do not try to repair it; call a qualified service technician. Force or attempted repair may result in a fire or explosion.

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

A) Cet appareil est muni d'une veilleuse qui doit être allumée manuellement. Respectez les instructions ci-dessous à la lettre.

B) **AVANT LA MISE EN MARCHÉ**, reniflez tout autour de l'appareil pour déceler une odeur de gaz. Reniflez au niveau du plancher, car certains gaz sont plus lourds que l'air et peuvent s'accumuler au niveau du sol.

QUE FAIRE SI VOUS SENTEZ UNE ODEUR DE GAZ :

- Ne tentez pas d'allumer l'appareil.
- Ne touchez à aucun interrupteur; n'utilisez pas de téléphones se trouvant dans le bâtiment.
- Sortez du bâtiment immédiatement.
- Appelez immédiatement votre fournisseur de gaz depuis un téléphone extérieur. Suivez les instructions du fournisseur.
- Si vous ne pouvez pas rejoindre le fournisseur, appelez le service incendie.

C) Ne poussez ni ne tournez la manette d'admission du gaz qu'à la main. Ne jamais employer d'outil à cette fin. Si la manette reste coincée, ne tentez pas de la réparer; appelez un technicien qualifié. Quiconque tente de forcer la manette ou de la réparer peut provoquer une explosion ou un incendie.

D) N'utilisez pas cet appareil s'il a été plongé dans l'eau, même partiellement. Faites inspecter l'appareil par un technicien qualifié et remplacez tout élément du système de contrôle ou de commande qui a été plongé dans l'eau.

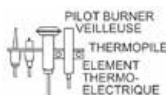
CAUTION: Hot while in operation. Do not touch. Severe burns may result. Due to high surface temperatures keep children, clothing and furniture, gasoline and other liquids having flammable vapors away. Keep burner and control compartment clean. See installation and operating instructions accompanying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

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

LIGHTING INSTRUCTIONS / CONSIGNES D'ALLUMAGE

1) **STOP! Read the safety information above on this label.**

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



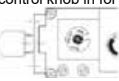
3) Wait five (5) minutes to clear out any gas. If you then smell gas STOP! Follow step "B" in the Safety Information above on this label. If you don't smell gas, go to the next step.

4) Push in gas control knob slightly and turn counterclockwise to "PILOT" position.

5) Push in control knob all the way and hold in until the pilot lights. Continue to hold the control knob in for about 20 seconds after the pilot lights. Release the knob.

6) Push in gas control knob slightly and turn counterclockwise to "ON" position

7) Turn on the flame switch.



1) **STOP ! Lire les instructions de sécurité sur la portion supérieure de cette étiquette.**

2) Enfoncer légèrement le bouton de commande de gaz et tournez dans le sens horaire en position OFF. Le bouton ne peut pas être tourné du PILOT à OFF à moins que le bouton soit enfoncé légèrement. Ne forcez pas.

3) Attendre cinq (5) minutes pour laisser échapper tout le gaz. Si vous sentez une odeur de gaz, ARRÊTEZ! Passez à l'étape "B" des instructions de sécurité sur la portion supérieure de cette étiquette. S'il n'y a pas d'odeur de gaz, passez à l'étape suivante.

4) Enfoncer légèrement le bouton de commande de gaz et tournez dans le sens antihoraire en position PILOT.

5) Pousser le bouton de commande de gaz à fond et le maintenir enfoncé jusqu'à ce que la veilleuse s'allume. Maintenir le bouton de commande de gaz enfoncé pendant environ 20 secondes après l'allumage de la veilleuse. Relâcher le bouton de commande de gaz.

6) Enfoncer légèrement le bouton de commande de gaz et tourner dans le sens antihoraire en position 'ON'.

7) Actionner l'interrupteur de flamme.


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

1) Turn off the flame switch.

2) Push in the gas control knob slightly and turn clockwise to "OFF". Do not force.

3) Turn off all electric power to the appliance if service is to be performed.

You may shut off the pilot during prolonged non use periods to conserve fuel.

1) Fermer l'interrupteur de flamme.

2) Enfoncer légèrement le bouton de commande de gaz et tournez dans le sens horaire en position OFF. Ne pas forcer.

3) Avant d'effectuer des opérations d'entretien, couper l'alimentation électrique de l'appareil.

Pour économiser le carburant, vous pouvez éteindre la veilleuse lorsque l'appareil reste longtemps inutilisé.

DO NOT REMOVE THIS INSTRUCTION PLATE

NE PAS ENLEVER CETTE ÉTIQUETTE D'INSTRUCTIONS

920-181a

MAINTENANCE INSTRUCTIONS

- 1) Always turn the gas valve to off 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 gold louvers (and optional gold door) 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 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 from the burner tray and cleaned. Replace the embers but do not block the pilot.

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

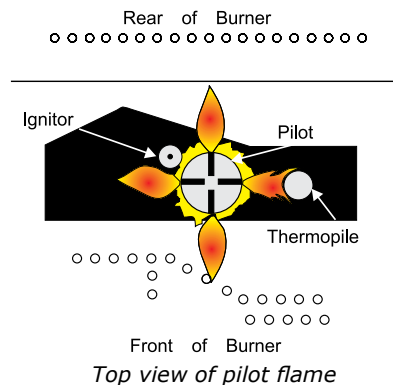
WARNING: CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURE AND SHOULD STAY AWAY TO AVOID BURNS OR CLOTHING IGNITION. YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE SAME ROOM AS THE APPLIANCE.

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

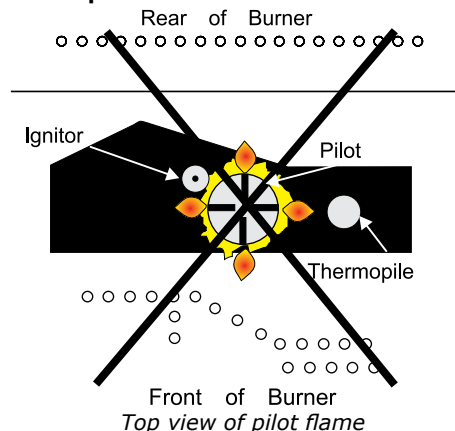
CLOTHING OR OTHER FLAMMABLE MATERIALS SHOULD NOT BE PLACED ON OR NEAR THE APPLIANCE.

- 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, with broken glass or with the door open.
- 7) Verify proper operation after servicing.
- 8) 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.

Correct flame pattern has four strong blue flames: 1 flowing around the thermopile and thermocouple and 1 reaching towards the rear burner and 1 toward the front(it does not have to be touching the burner).



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



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

LOG REPLACEMENT

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

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

GLASS GASKET

If the glass gasket requires replacement use 7/8" flat glass gasket (Part # 846-682) for the Flush Front.

DOOR GLASS REPLACEMENT

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

Flush Glass Replacement

Slide old glass out of the side frames and replace with new glass.

WARNING: DO NOT OPERATE APPLIANCE WITH THE GLASS FRONT REMOVED, CRACKED OR BROKEN. REPLACEMENT OF THE GLASS SHOULD BE DONE BY A LICENSED OR QUALIFIED SERVICE PERSON.

FAN MAINTENANCE

If your fan requires maintenance or replacement, access to the fan is through the plate on the rear wall of the firebox.

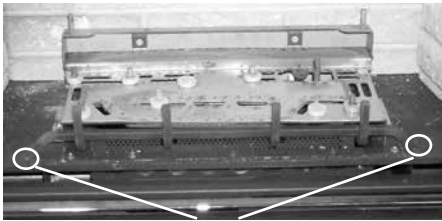
NOTE: the unit MUST NOT be operated without the fan access panel securely in place.

To remove fan:

1. Turn the unit off and allow it to cool to room temperature.

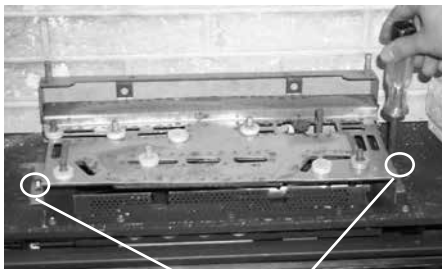
CAUTION: Label all wires prior to disconnection when servicing controls. Wiring error can cause improper and dangerous operation.

2. Unplug or disconnect power source to stove.
3. Remove the safety screen and glass front (see detailed instructions in this manual).
4. Remove logs.
5. Remove brick panels.
6. Remove the Grate by removing the screws on each side of the grate.
7. Remove the Burner Tray by removing the screws on each side of the tray. Push the tray to the left and lift up.



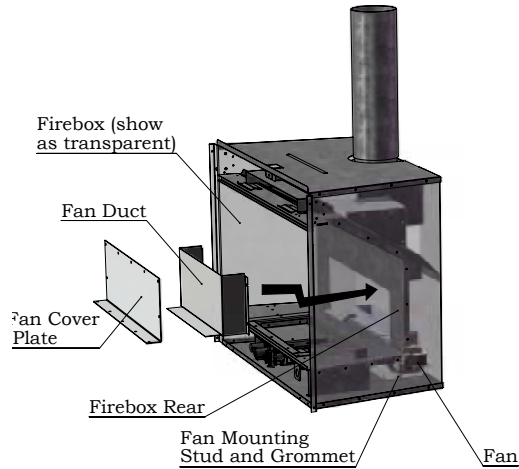
Remove the 2 screws holding the grate in position.

8. Remove the 12 screws holding the Access Panel in place.
9. Remove the Fan Air Duct by removing 4 screws, 2 per side.



Remove the 2 screws, push Burner Tray to the left, and lift off.

10. Unplug the black wires from the fan motor (from inside the stove).
11. Lift Fan Assembly off of the 2 pins, tip forward and pull through firebox opening.

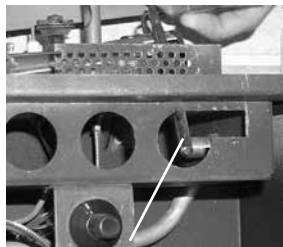


12. Disconnect green wire from power cord.

Replacing fan:

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

When replacing the Burner Tray, slide the aeration adjustment rod through the opening in the front of the Valve Assembly.



Aeration Adjustment Rod

GAS MAINTENANCE

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

Clean	Inspect	Check
<ul style="list-style-type: none"> Glass Interior bricks / panels Burner ports & burner air shutter Fan blades Log set Pilot orifices Pilot hood (change as needed) Flame sensor (electronic ignition models) Flame electrode Burner orifice Thermocouple (millivolt models) Thermopile (millivolt models) 	<ul style="list-style-type: none"> Pilot assembly Burner Pressure relief gaskets/doors Flue connector gasket if present Door seal Firebox Venting Batteries (remote handheld, remote receiver, DC sparker, change as needed) Burner media (change as needed) Air shutter setting Wiring 	<ul style="list-style-type: none"> Voltage on thermocouple/thermopile (millivolt models) Ohms reading on flame sense (electronic ignition models) Inlet/outlet fuel pressures as per rating plate Voltage/ohms readings on gas valve Ohms reading to on/off switch circuit (Millivolt models)

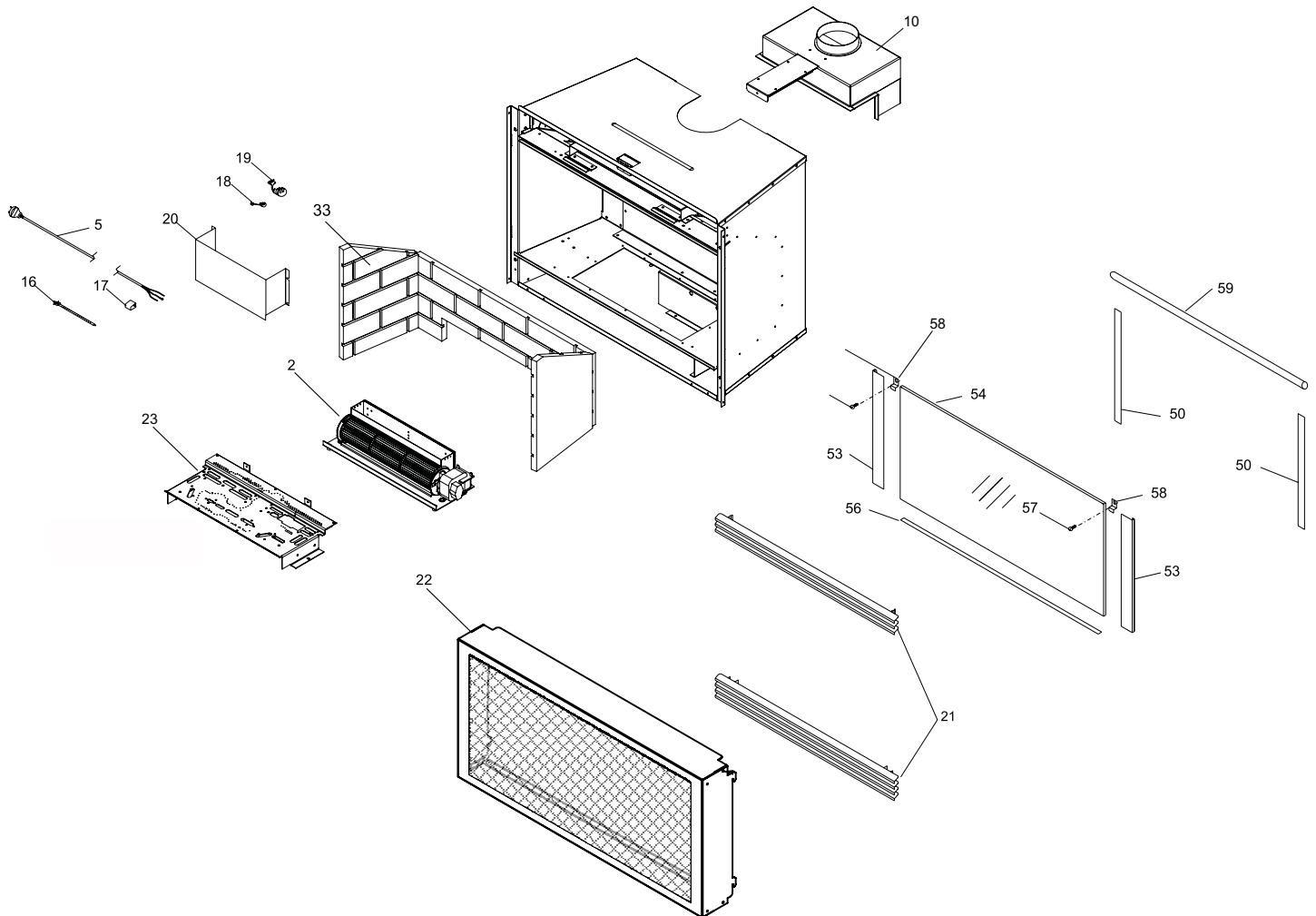
Gas Leak Tests

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

MAIN ASSEMBLY

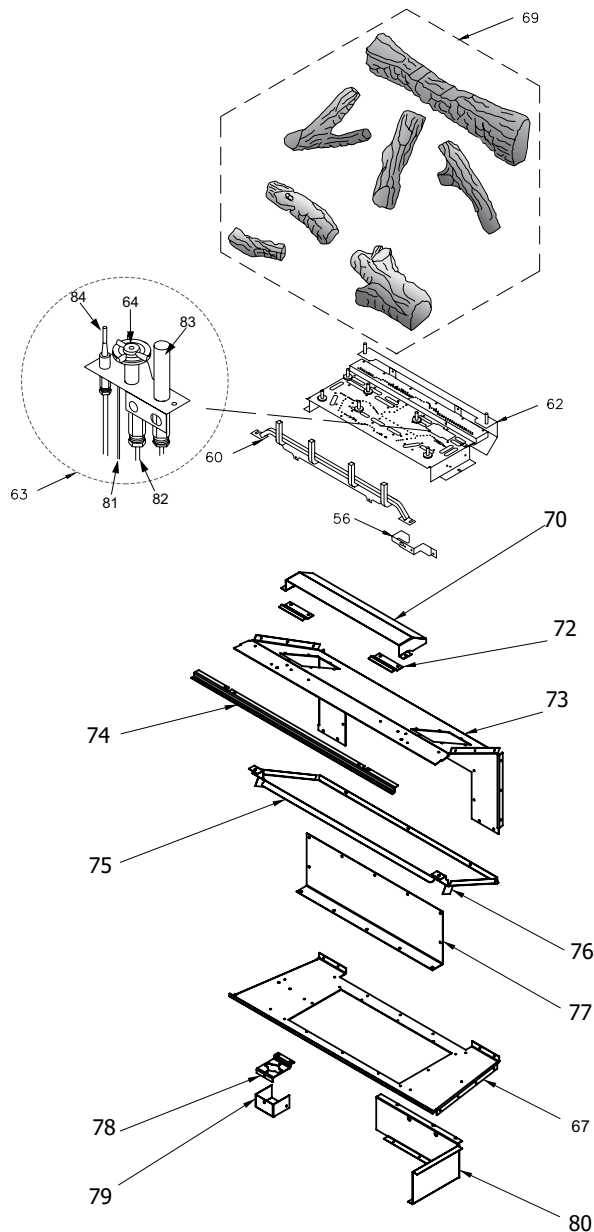
	Part #	Description
1.	400-011	Fan Opening Cover
2.	911-071/P	Fan Motor (120 V)
5.	910-750	Power Cord (120 V)
	910-752	Wire Harness (intermediate)
	910-142	Thermodisc-Fan Auto ON/OFF
10.	404-540	Drafthood Assembly
	910-220	Spill Switch
	*	Levelling Bolts 5/16 x 3 Hex Head
16.	*	Cable Tie
17.	*	Wire Holder Clip
18.	*	Strain Relief
19.	*	Grommet for power cord
20.	404-015	Air Channel
21.	402-920	Flush Louvers (Set) - Black
22.	405-929	Safety Screen Assembly

	Part #	Description
23.	404-525	Burner Assembly NG/LP
33.	404-901	Brick Panel Set - Standard Brown
	404-902	Brick Panel Set - Standard Red
	400-090	Brick Clips
	402-515/P	Complete Flush Front (Includes #54, 50, 43)
50.	846-682	7/8" Window Adhesive Gasket Tape(12') (936-243)
53.	*	Glass Side Trim
54.	*	Flush Glass
56.	846-686	8 mm Soft Fibre Black Gasket Tape (Bottom Glass Channel)(8')(936-238)
57.	*	Screw #10-24 x 1/2"
58.	402-033	Flush Glass Bracket
59.	846-699	Gasket 3/4" Rope (Top Glass Channel) (5') (936-233)
	404-969	Conversion to LP Kit
	919-435	Manual
*Not available as a replacement part.		



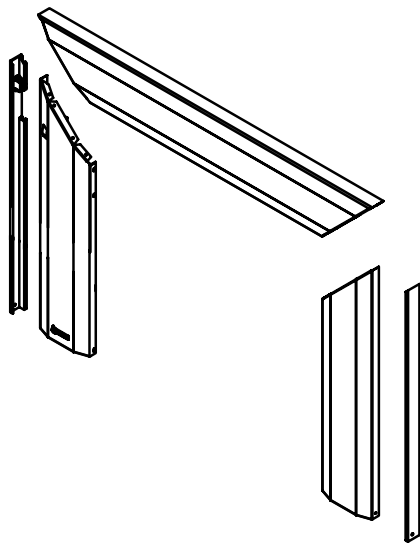
BURNER ASSEMBLY & LOG SET

	Part #	Description
	404-574/P	Valve Assembly - NG
	404-576/P	Valve Assembly - LP
	910-578	Novasit Valve -NG
	910-580	Novasit Valve - LP
	910-581	Novasit Modulator - NG
	910-582	Novasit Modulator - LP
	910-190	Piezo Ignitor and nut
	904-240	Burner Orifice Nat. Gas #37
	904-593	Burner Orifice Nat. Gas #40 (High Altitude)
	904-390	Burner Orifice LP #52
	904-345	Burner Orifice LP #53 (High Altitude)
60.	402-526	Grate Assembly
62.	404-525	Burner Assembly NG/LP
63.	910-048	Pilot Assembly (NG) -
64.	911-248	4 flame convertible Pilot Hood only
63.	910-049	Pilot Assemby (LP)
67.	*	Firebox Base
69.	402-935	Log Set
	402-572	Ember Package
	902-153	Rockwool
	946-669	Platinum Bright Embers
	946-708	Embaglow Bright Embers
70.	*	Air Channel
72.	*	Glass Trim Retainer
73.	*	Firebox back and top
74.	*	Glass Gasket Retainer
75.	404-050	Firebox Baffle
76.	400-090	Brick Clip
77.	404-005	Fan Access Plate
78.	400-023	Thermodisc Bracket
79.	400-068	Thermodisc cover plate
80.	*	Fan Shield
81.	910-030	Spark Electrode
82.	910-432	Pilot Tube w/Nut
	911-137	Pilot Hood Clip
	910-592	Remote Transmitter GTMF (Hand Held) - Silver
	911-338/P	Remote Receiver
	911-164	Valve/Remote Wiring Harness
	910-036	Pilot Orifice - NG
	910-037	Pilot Orifice - LP
83.	910-341	Thermopile
84.	910-386	Thermocouple
*Not available as a replacement part.		



FACEPLATE ASSEMBLY

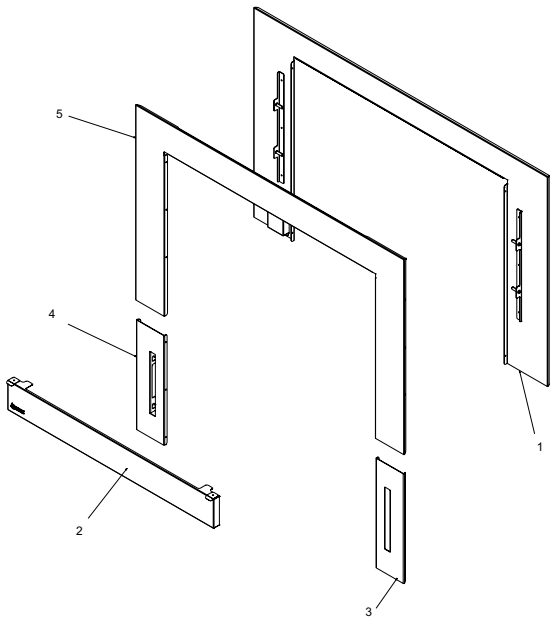
Part #	Description
402-918	Standard Faceplate Assembly
402-919	Oversize Faceplate Assembly
910-330	Fan Speed Controller
904-569	Fan Speed Controller Knob



LOW PROFILE FACEPLATE

Part # 403-954 Description: Low Profile Faceplate

1.	*	Back plate Assembly
2.	*	Bottom Louver
3.	*	Right mounting bracket
4.	*	Left mounting bracket
5.	*	Front Frame
		910-330 Fan Speed Controller
		904-569 Fan Speed Controller Knob



Limited Lifetime Warranty

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

Some conditions apply (see below).

The policy is not transferable, amendable or negotiable under any circumstances.

Indoor Gas Products Warranty Coverage Parts and Labor	Part				Supplier	Labor Coverage (Years)
	Lifetime	5 years	2 years	1 year	Warranty	
Firebox and Heat Exchanger	✓					3
Steel Burner Tube	✓					3
Glass Thermal breakage only	✓					3
All Surrounds/Inlays Finishes		✓				3
Brick Panels/Log sets/Ceramic Burners		✓				3
All Castings		✓				3
Valve assembly and all gas control components, (Pilot assembly, flame sensors, Spark Electrode, Pilot Tubing, Orifices, Thermocouple, Thermopile)			✓			2
All Other Electrical components, (Ignition Control Boards, Wiring, Switches, Blowers, Blower Control Module, Battery Pack, Remote Control Systems)			✓			2
Enamel Panels			✓			1
Venting/Venting Components			✓			1
All Stainless steel surrounds				✓		1
All Firebox Media (Crystals, Firebeads, Volcanic, Ceramic & Spa Stones)				✓		1
All hardware				✓		1
Mesh/Glass Safety Barriers				✓		1
Accent Light Bulbs				✓		1
Glass (Crazing)				✓		1

Conditions:

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

Any part(s) found to be defective during the warranty period as outlined above will be repaired or replaced at FPI's option through an accredited distributor, dealer or pre-approved and assigned agent provided that the defective part is returned to the distributor, dealer or agent for inspection if requested by FPI. Alternatively, FPI may at its own discretion fully discharge all of its obligations under the warranty by refunding the verified purchase price of the product to the original purchaser. The purchase price must be confirmed by the original Bill of Sale.

The authorized selling dealer, or an alternative authorized FPI dealer if pre-approved by FPI, is responsible for all in-field diagnosis and service work related to all warranty claims. FPI is not responsible for results or costs of workmanship of unauthorized FPI dealers or agents in the negligence of their service work.

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

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

Unit must be installed according to all manufacturers' instructions as per the manual.

All Local and National required codes must be met.

The installer is responsible to ensure the unit is operating as designed at the time of installation.

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

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

Exclusions:

This Limited Lifetime Warranty does not extend to paint, rust or corrosion of any kind due to a lack of maintenance or improper venting, combustion air provision, corrosive chemicals (i.e. chlorine, salt, air, etc.), door or glass gasketing.

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

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

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

Any unit showing signs of neglect or misuse will not be covered under the terms of this warranty policy and may void this warranty. This includes units with rusted or corroded fireboxes which have not been reported as rusted or corroded within three (3) months of installation/purchase.

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

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

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

FPI is not liable for the removal or replacement of facings or finishing in order to repair or replace any appliance in the field.

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

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

Limitations of Liability:

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

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

Customers located outside the U.S. should consult their local, provincial or national legal codes for additional terms which may be applicable to this warranty.

How to Obtain Warranty Service:

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

Canadian Warrantor:

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

U.S. Warrantor:

Fireplace Products U.S., Inc.
PO Box 2189 PMB 125
Blaine, WA
United States, 98231

Or contact the Regency Customer Care Centre at 1-800-442-7432 (phone) / 604-946-4349 (fax)

Product Registration and Customer Support:

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



Product Registration and Customer Support:

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

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

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

For purchases made in **AUSTRALIA:**

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

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

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

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

For purchases made in **CANADA:**

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

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

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

Fireplace Products US, Inc.
PO Box 2189 PMB 125
Blaine, WA
United States, 98231

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

For purchases made in **AUSTRALIA:**

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

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

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

Installer: Please complete the following information

Dealer Name & Address: _____

Installer: _____

Phone #: _____

Date Installed: _____

Serial #: _____



U31 Video