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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.

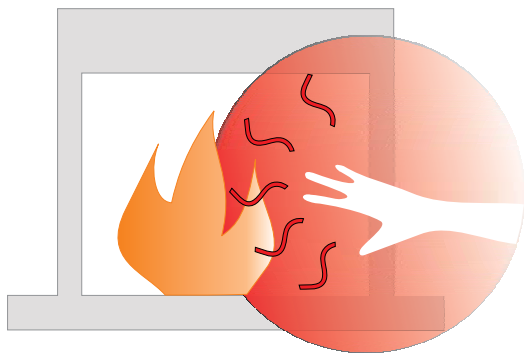
TO THE NEW OWNER

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 shall 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 LIQUIDS WITH FLAMMABLE VAPOURS AWAY.**

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

919-358



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).



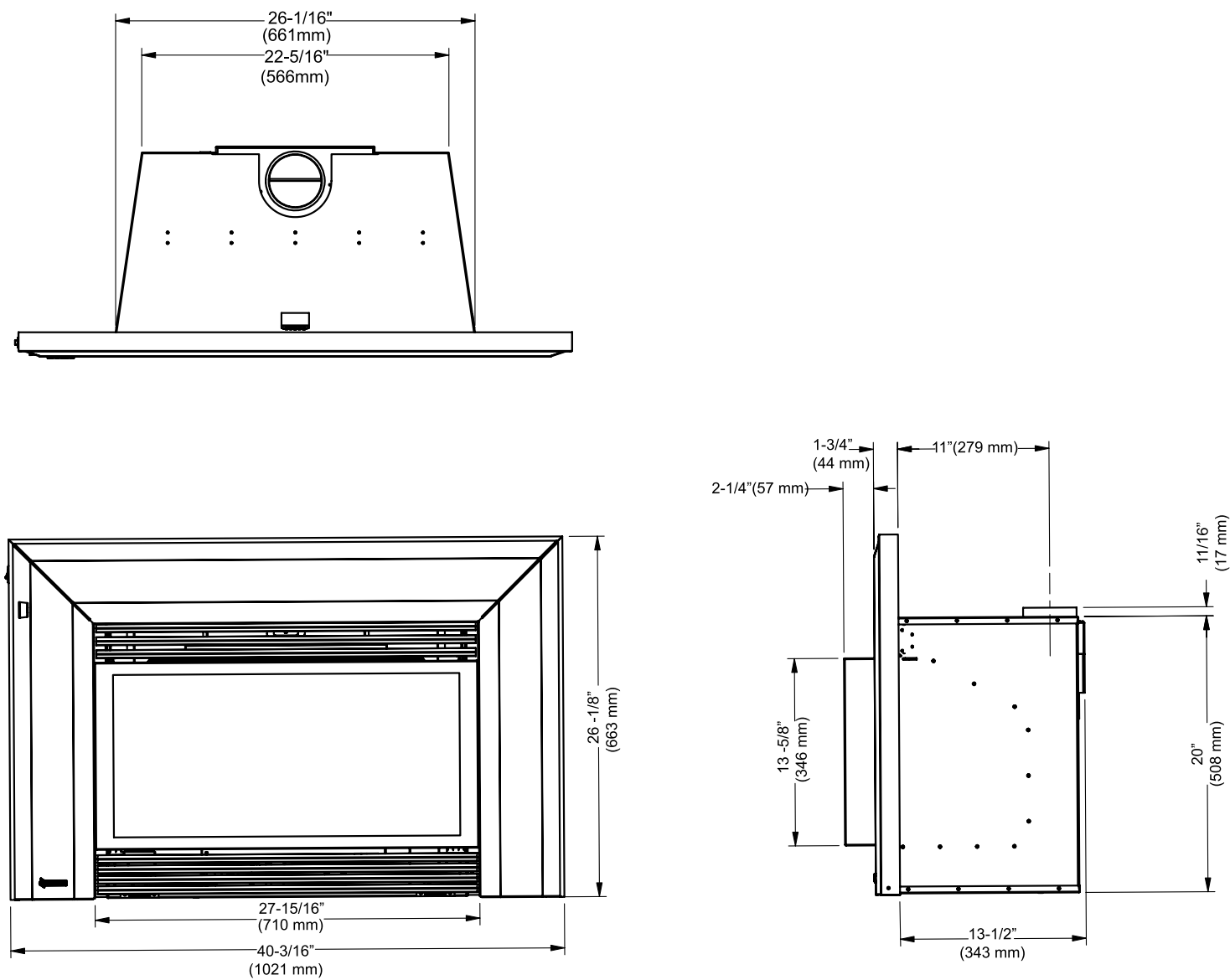
U31 Video

CONTENTS

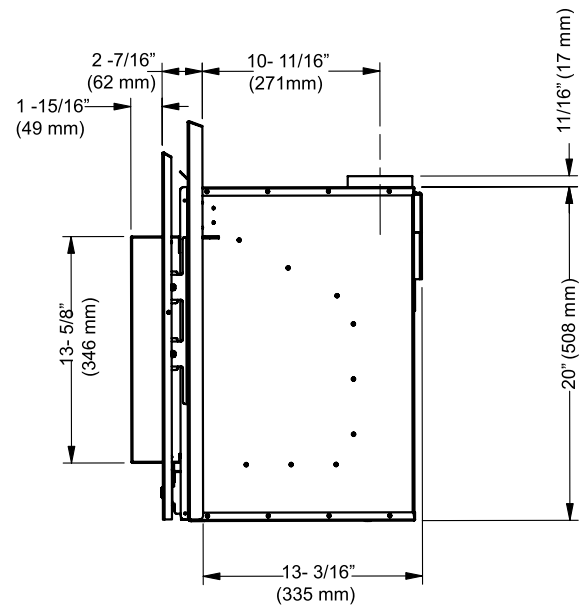
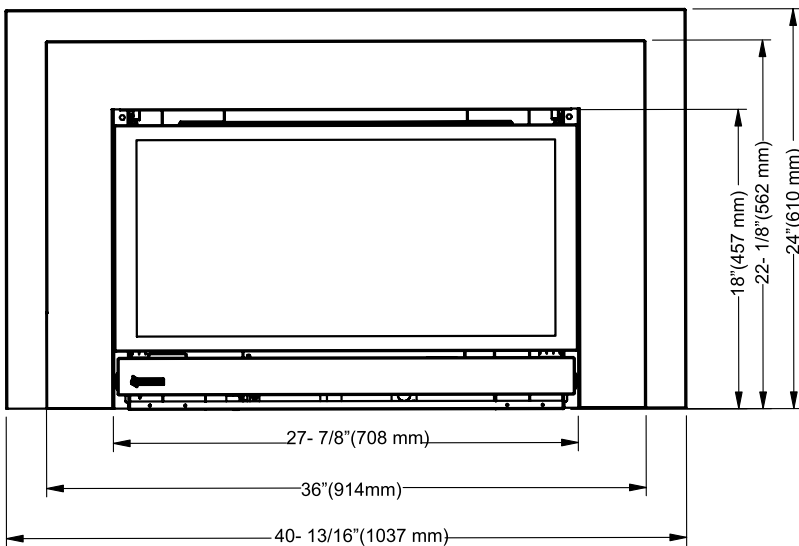
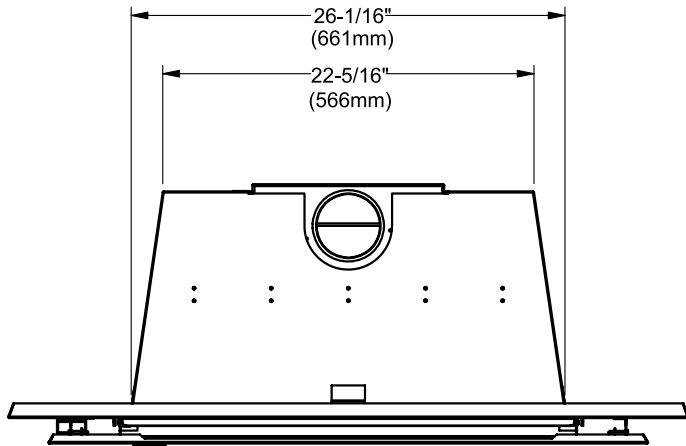
Dimensions with Standard Faceplate	4
Dimensions with Low Profile Faceplate	5
Safety label for the U31-10	6
Ma code - co detector	7
For your safety	8
important: save these instructions	9
Specifications	9
Policy for solid fuel burning and factory built fireplaces	9
Before you start	9
Installation checklist	10
Materials required	10
Minimum fireplace Dimensions	10
Clearances to combustibles	10
Combustible mantel clearances in masonry installation	11
Conversion from natural gas to propane	12
Gas connection	13
High elevation	13
Draft hood connection	13
Venting	13
Gas pressure test	13
Gas insert aeration system	14
Test for flue spillage	14
Optional brick panel	14
Log set installation	15
Wiring diagram	18
Standard faceplate & hearth trim install	19
Flush louver installation	20
Low profile faceplate installation	21
Safety screen installation / removal	23
Optional wall thermostat	24
Final check	24
Operating instructions	24
First fire	24
Lighting procedure	25
Shutdown procedure	25
Automatic convection	25
Fan operation	25
Normal operating sounds of gas appliances	25
Copy of the lighting plate instructions	26
Maintenance instructions	27
Log replacement	27
Glass gasket	27
Door glass replacement	27
Fan maintenance	28
Low profile faceplate	31
Warranty: limited lifetime	35

4 | dimensions

UNIT DIMENSIONS WITH STANDARD FACE PLATE



UNIT DIMENSIONS WITH LOW PROFILE FACE PLATE



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	
	Listed: VENTED GAS FIREPLACE HEATER / FOYER AU GAZ À ÉVACUATION Conforms to: ANSI Z21.88-2014 Certified to: CSA 2.33-2014 Tested to: CAN/CGA 217-M91 (R2009)		DO NOT REMOVE THIS LABEL / NE PAS ENLEVER CETTE ÉTIQUETTE
			400
		Serial No. / No de serie	
Model: U31-NG10	NATURAL GAS FIREPLACE INSERT: MODEL U31-NG10		PROPANE FIREPLACE INSERT: MODEL U31-LP10
	Factory Equipped For Altitude 0-2000ft. (0-610m)		
	Min. supply pressure	5" WC (1.25kPa)	12" WC (2.99 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)
Model: U31-LP10	Field Convertible For Altitude 2000-4500ft. (610-1370m)		Use Conversion Kit (Part #400-970)
		Min. supply pressure	5" WC (1.25 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)
Minimum Clearances to Combustibles from Insert Side wall A 10"(255mm) Ceiling B 47-1/2"(1205mm) Alcove Width K 48"(1220mm) Max. Alcove Depth L 36"(915mm)		Mantel Clearances in Masonry Fireplace Installation Max. Mantel depth M 12"(305mm) Mantel height-Louvers N 17"(432mm) Mantel height-Low profile F/P O 25"(635mm) Mantel depth P 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)	
FPI Fireplace Products International Ltd. Delta BC, CANADA MADE IN CANADA / FABRIQUE AU CANADA			
This appliance must be installed in accordance with local codes, if any; if none, follow the National Fuel Gas Code, ANSI Z223.1, or Natural Gas and Propane Installation Code, CSA B149.1. This appliance must be installed in accordance with the Standard CAN/CSA Z240 MH, Mobile Housing, in Canada, or with the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, in the United States, or when such a standard is not applicable, ANSI/NCSBSC A225.1/NFPA 501A, Manufactured Home Installations Standard or ANSI A119.2 or NFPA 501C Standard for Recreational Vehicles This appliance is only for use with the type of gas indicated on the rating plate and may be installed in an aftermarket, permanently located, manufactured (mobile) home where not prohibited by local codes. See owner's manual for details. 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. Installer l'appareil selon les codes ou règlements locaux, ou, en l'absence de tels règlements, selon les codes d'installation ANSI Z223.1, National Fuel Gas Code ou CSA-B149.1 en vigueur. Installer l'appareil selon la norme CAN/CSA-Z240, Série MM, Maison mobiles ou CAN/CSA-Z240 VC, Véhicules de camping, ou la norme 24 CFR Part 3280, Manufactured Home Construction and Safety Standard. Si ces normes ne sont pas pertinentes, utilisez la norme ANSI/NCSBSC A225.1/NFPA 501A, Manufactured Home Installations Standard, ou ANSI A119.2 ou NFPA 501C Standard for Recreational Vehicles. Cet appareil doit être utilisé uniquement avec le type de gaz indiqué sur la plaque signalétique. Cet appareil peut être installé dans une maison préfabriquée ou mobile (E-U, seulement) installée à demeure si les règlements locaux le permettent. Voir la notice de l'utilisateur pour plus de renseignements. Cet appareil ne peut pas être utilisé avec d'autres gaz sauf si une trousse de conversion certifiée est fournie. AVERTISSEMENT: Ce foyer a été converti pour utilisation avec un foyer au gaz encastrable et ne peut être utilisé pour brûler du bois ou d'autres combustibles solides à moins que toutes les pièces d'origine aient été remplacées et que le foyer ait été approuvé de nouveau par l'autorité compétente. 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 Pour utilisation uniquement avec les portes en verre certifiées avec l'appareil ELECTRICAL SUPPLY/ALIMENTATION ELECTRIQUE: 115V 60HZ less than/Moins de 2 AMP. For Use Only with Barrier (Part #426-013) Follow installation instructions. Utiliser uniquement avec l'écran (n °426-013) Suivre les instructions d'installation. VENTED GAS FIREPLACE HEATER - NOT FOR USE WITH SOLID FUELS. / FOYER AU GAZ À ÉVACUATION - NE PAS UTILISER AVEC DUCOMBUSTIBLE SOLIDE. 919-458a			

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 BARRIER IS RECOMMENDED IF THERE ARE AT RISK INDIVIDUALS IN THE HOUSE. TO RESTRICT ACCESS TO A FIREPLACE OR STOVE, INSTALL AN ADJUSTABLE SAFETY GATE TO KEEP TODDLERS, YOUNG CHILDREN AND OTHER AT RISK INDIVIDUALS OUT OF THE ROOM AND AWAY FROM HOT SURFACES.

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

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.

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.

FOR YOUR SAFETY

This appliance requires air for proper combustion. Always provide adequate combustion and ventilation air. Follow instructions and information in CAN/CGA B149 (in Canada) or the National Fuel Gas Code ANSI Z223.1 (in the USA), regarding requirements for combustion and ventilation air.

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).

POLICY FOR SOLID FUEL BURNING AND FACTORY BUILT FIREPLACES

The FPI U31-10 may be installed and vented into any solid fuel fireplace that has been installed in accordance with the National, Provincial and local building codes and is constructed of non-combustible materials.

1. 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.

2. Do not cut any sheet-metal parts of the fireplace, in which the gas fireplace insert is to be installed.
3. If the factory-built fireplace has no gas access hole(s) provided, an access hole of 1-1/2" (37.5mm) or less may be drilled through the lower sides or bottom of the firebox in a proper workmanship like manner. This access hole must be plugged with a non-combustible insulation after the gas supply line has been installed.
4. The fireplace flue damper can be fully blocked open or removed for installation of the gas fireplace insert.
5. The fireplace and fireplace chimney must be clean and in good working order and constructed of non-combustible materials.
6. The chimney cleanouts must fit properly.
7. Refractory (firebricks), glass doors, screen rails, screen mesh and log grates can be removed from the fireplace before installing the gas fireplace insert.
8. 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.
9. Trim panels or surrounds shall not seal ventilation openings in the fireplace.

BEFORE YOU START

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

GENERAL SAFETY INFORMATION

1. The appliance installation must conform with local codes or in the absence of local codes, with CAN/CGA B149 (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.

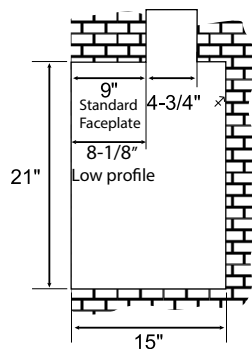
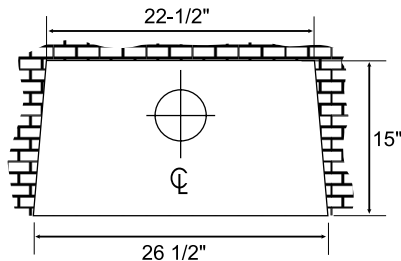
INSTALLATION CHECKLIST

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.
- 12) **Final check:** Before leaving this unit with the customer, the installer must ensure that the appliance is firing correctly. This includes:
 - a) Clocking 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.

MINIMUM FIREPLACE DIMENSIONS

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



CLEARANCES TO COMBUSTIBLES

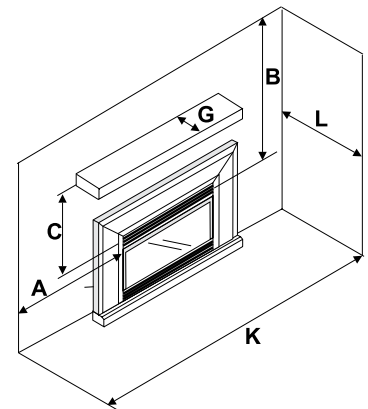
From Unit

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

Max. Mantel Depth	G 12" / 305 mm
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Min. Alcove Width	K 48" / 1220 mm
Max. Alcove Depth	L 36" / 915 mm

* No Hearth Required



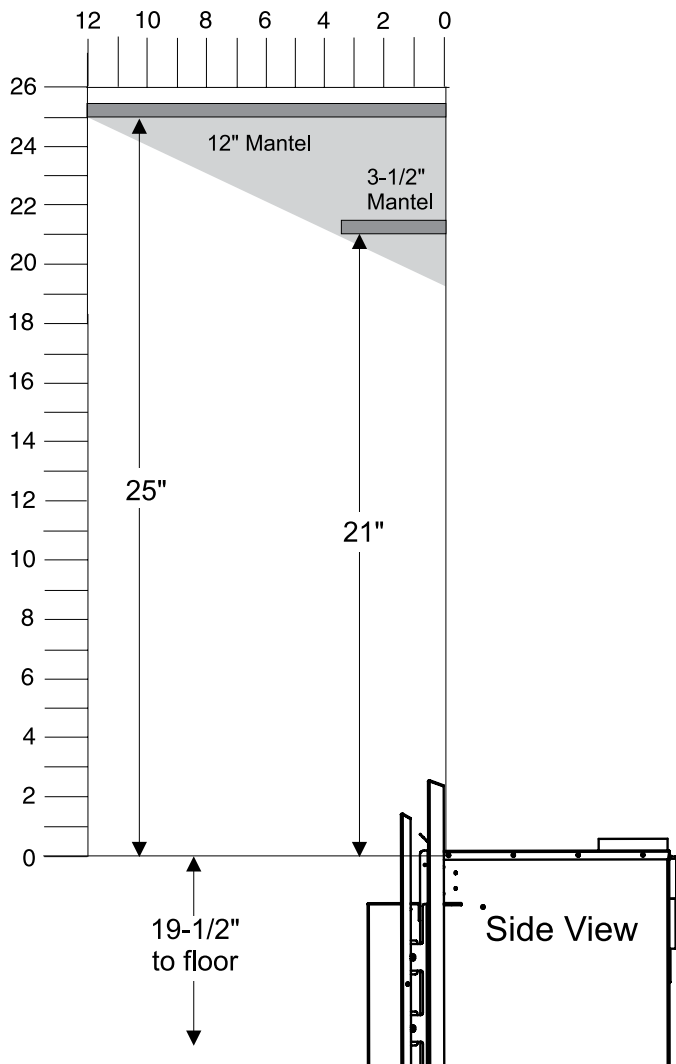
MATERIALS REQUIRED

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.).

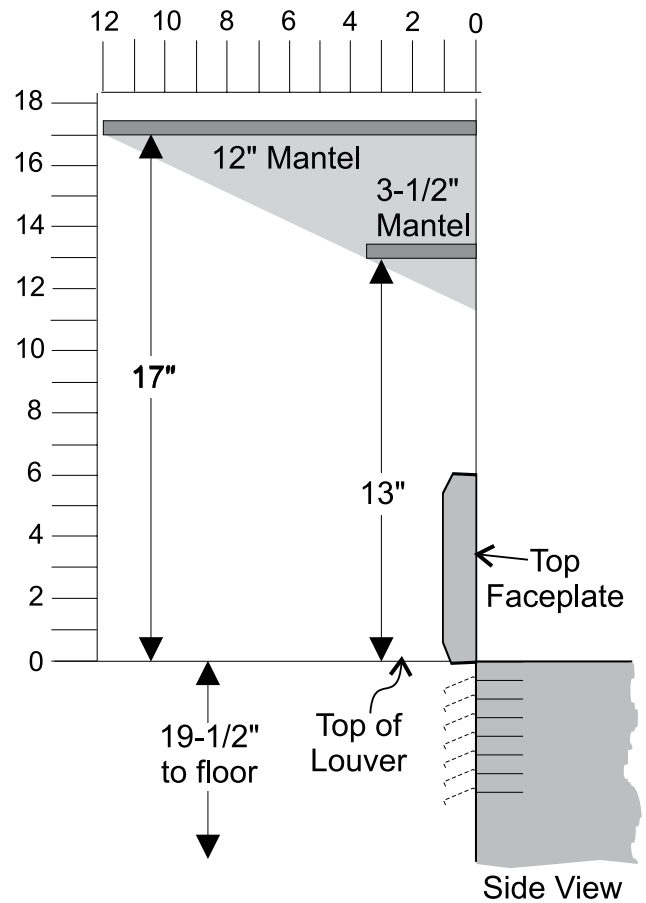
NOTE: This unit is equipped with a heat sensor thermodisc which will prevent the blower from operating until the unit reaches the correct temperature.

COMBUSTIBLE MANTEL CLEARANCES IN MASONRY INSTALLATION

Clearances for Low Profile Faceplate with Safety Screen



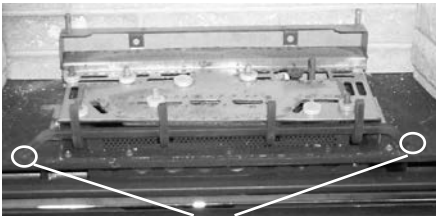
Clearances for Standard Faceplate / Contour Faceplate with Safety Screen



CONVERSION FROM NATURAL GAS TO PROPANE

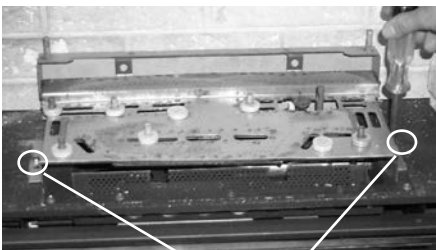
THIS CONVERSION MUST BE DONE BY A QUALIFIED GAS FITTER IF IN DOUBT DO NOT DO THIS CONVERSION !!

- 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).

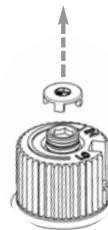


Fig. 1

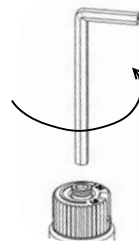


Fig. 2

- 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).

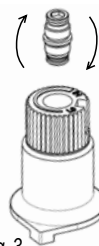


Fig. 3

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

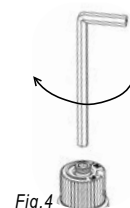


Fig. 4

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).

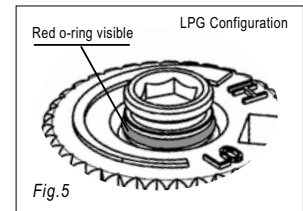
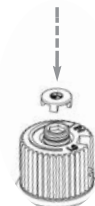


Fig. 5

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

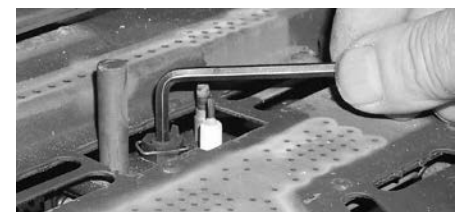


- 16) Reverse steps 6 - 1.

- 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.



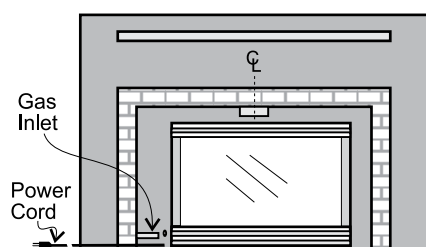
- 19) Replace Burner Tray and reverse steps 5) to 1).

- 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. (See Diagram 3 on page 11).



- 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 0' - 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 8 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.

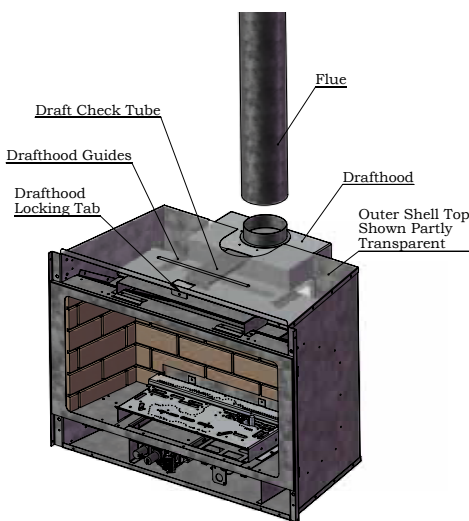
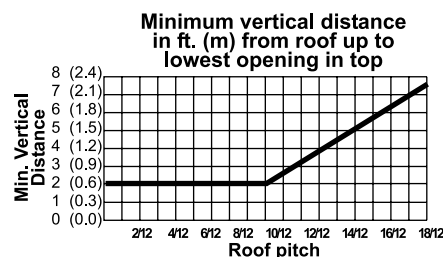
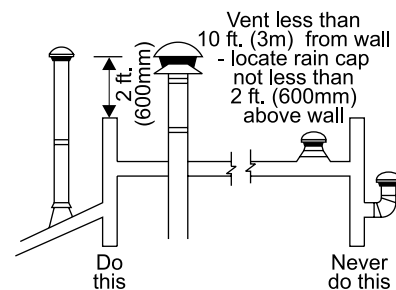


Diagram 1

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 CAN/CGA B149 (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.

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.

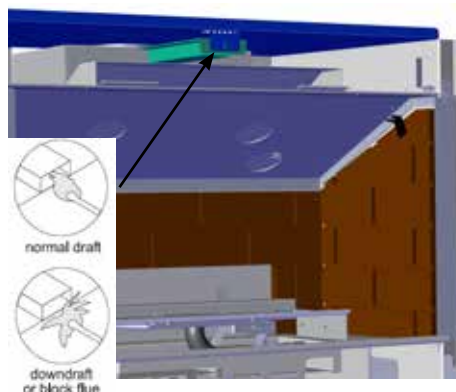
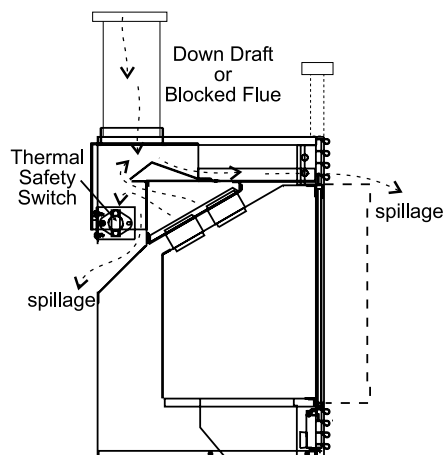


Diagram 1

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) poisoning and possible death.

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.

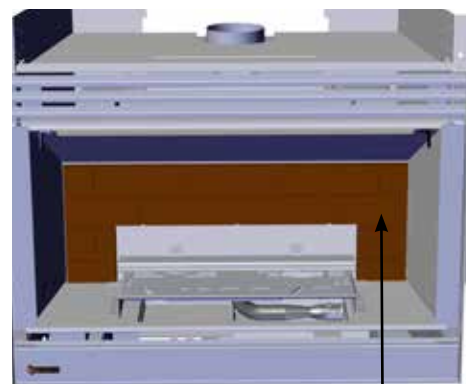


Diagram 1

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.

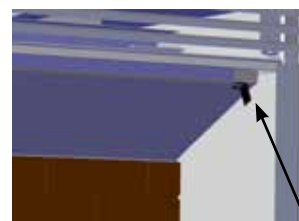


Diagram 2

Brick clip

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

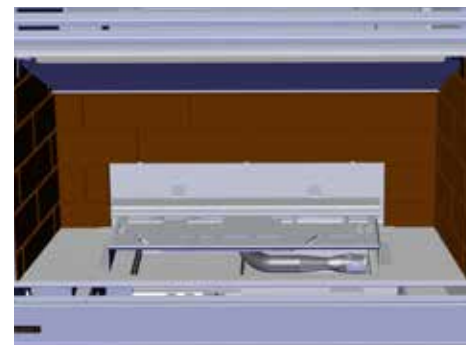


Diagram 3

TEST FOR FLUE SPILLAGE

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

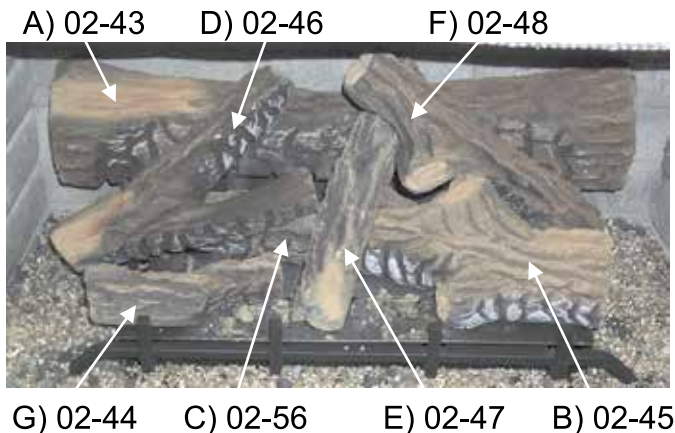
1. Start all exhaust fans in the home and then close all external doors and windows in the house.
2. Light the unit and set controls to maximum. Turn fan off.
3. After five minutes, test that there is a "pull" on the flue by placing a smoke match, cigarette or similar device which gives off smoke, in 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.

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:

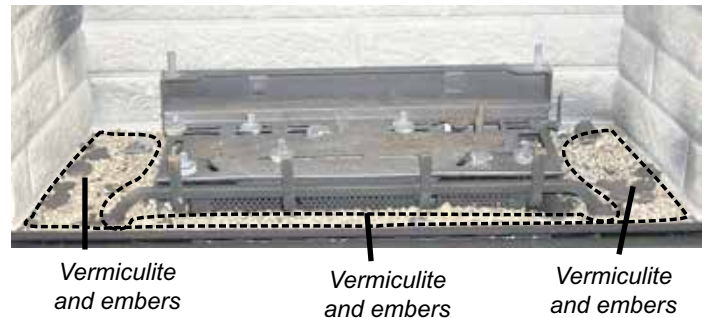
- a) 02-43 Rear Log
- b) 02-45 Front Right Log
- c) 02-56 Middle Left Log
- d) 02-46 Left Top Log
- e) 02-47 Center Log
- f) 02-48 Middle Right Log
- g) 02-44 Front Left Log
- h) 902-154 Embers
- i) 902-153 Rockwool
- j) 902-179/P Vermiculite
- k) 946-669 Platinum Embers
(supplied with packaged manual)



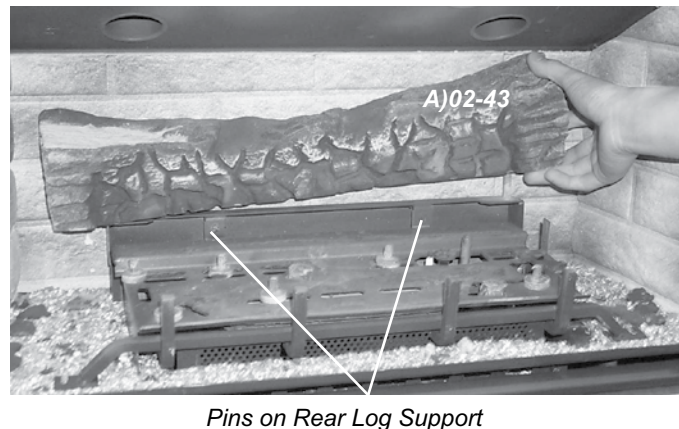
The "02" refer numbers (i.e. 02-43) are molded into the rear of each log.

Note: Install Optional Brick Panels prior to installing logs.

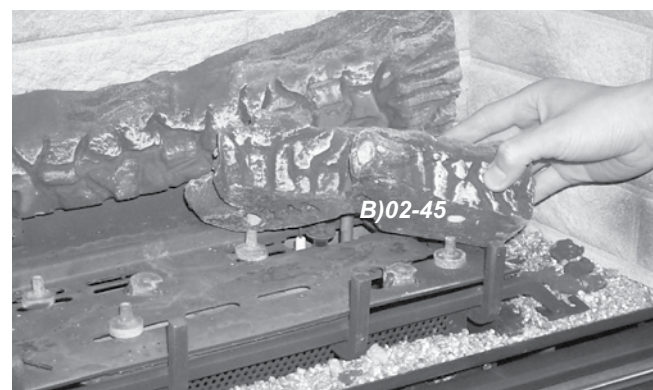
- 1) Carefully remove the logs from the box and unwrap them. The logs are fragile, handle with care - **do not force into position**.
- 2) Sprinkle the vermiculite around the firebox base. Take some of the embers (approx. 1/3 of the bag) and sprinkle over the vermiculite.



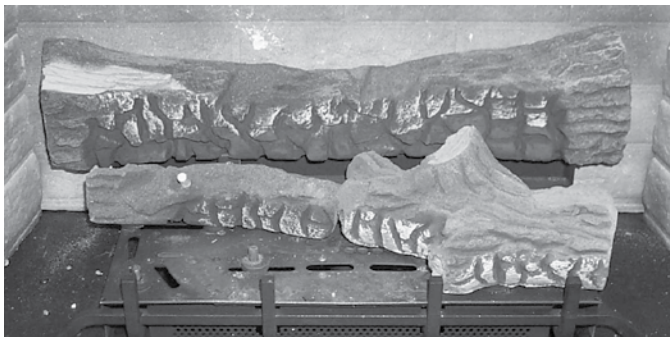
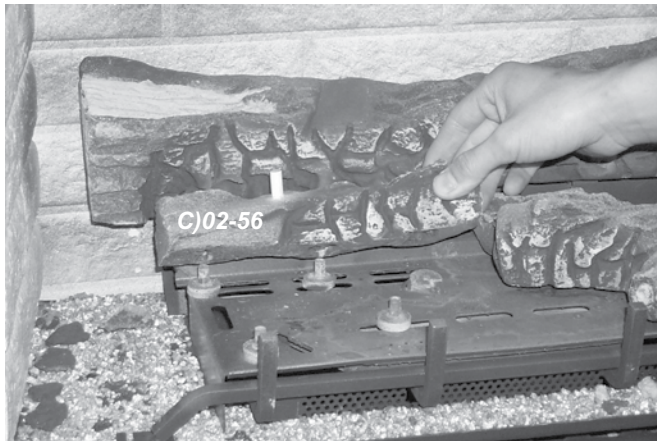
- 3) Place Rear Log A)02-43 on the two pins on the rear log support.



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

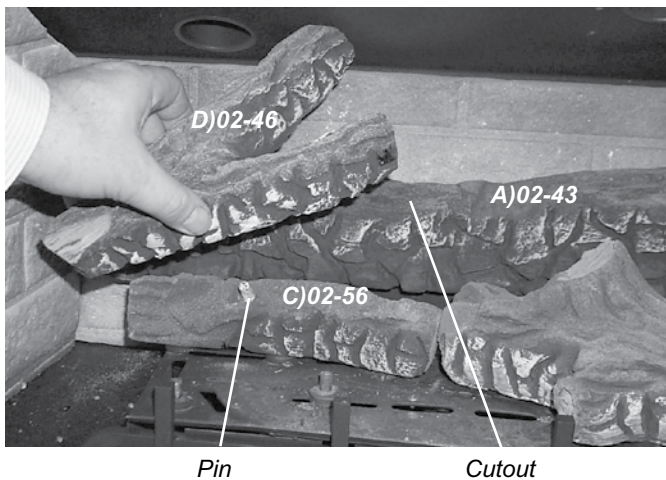


- 5) Place the Middle Left Log C)02-56 on the two pins as shown.

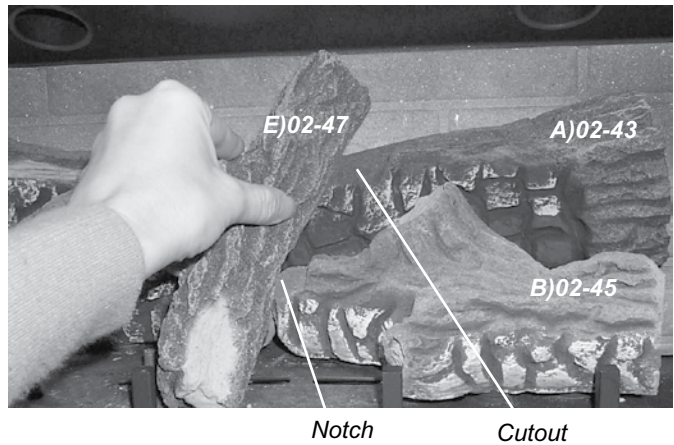


Logs A)02-43, C)02-56, and B)02-45 in position

- 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.

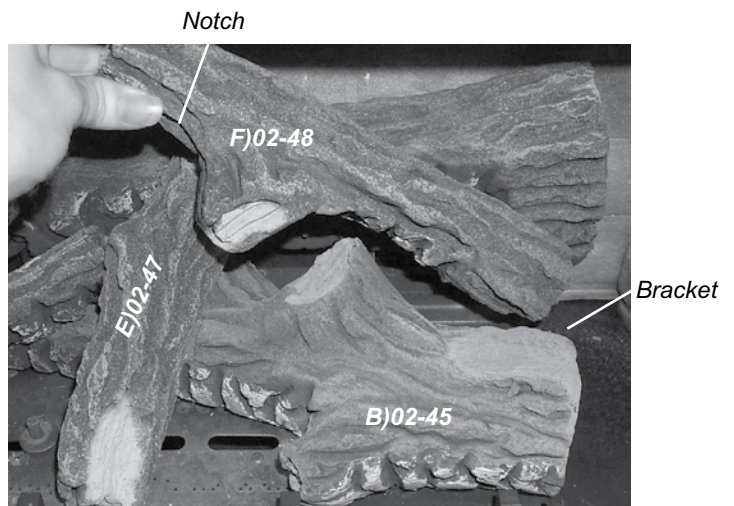


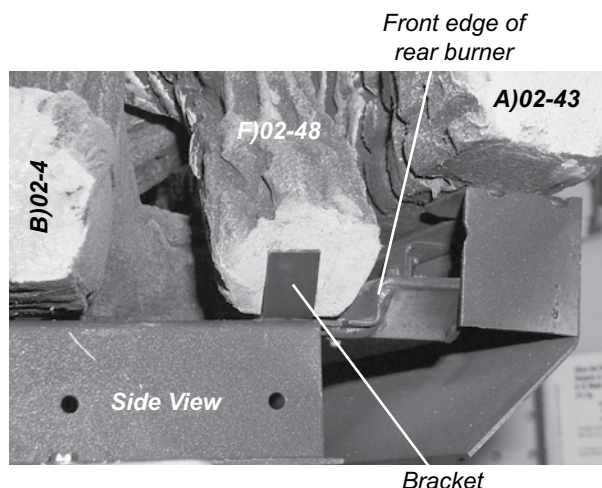
- 7) Place the notch in Center Log E)02-47 over Log B)02-45 and across the cutout on Log A)02-43.



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

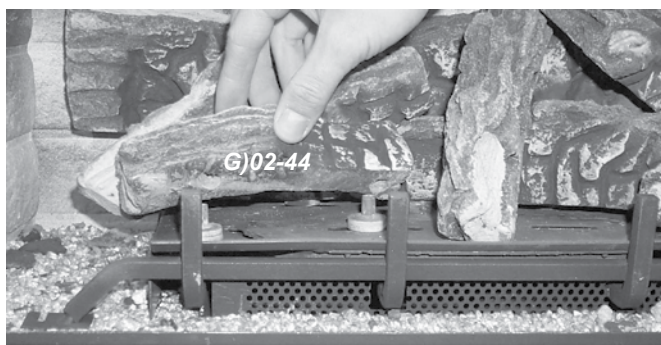
- 8) Position notch in Front Right Log F)02-48 on Log E)02-47 and push the bottom right edge against the bracket on the burner tray and the front edge of the rear burner.



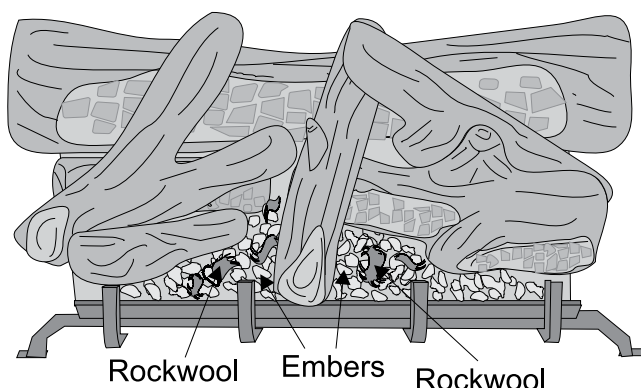


The bottom right edge of log F is cut to fit snugly into the bracket and the front edge of the rear burner.

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



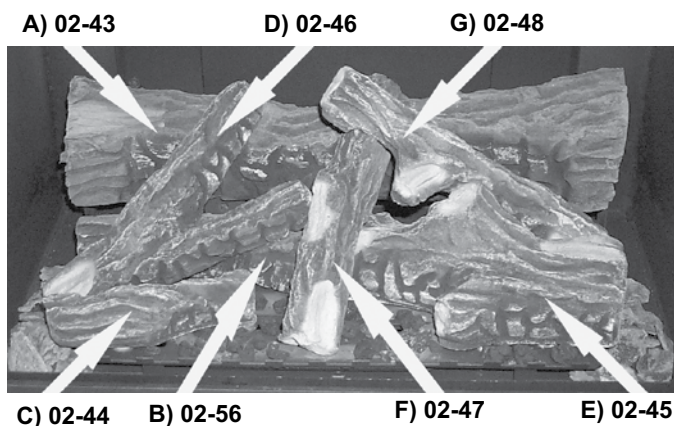
- 10) Place the embers and Rockwool on the exposed front burner tray.



again.

- 11) Separate platinum embers and place on and around the embers and rockwool on the burner tray. Avoid stacking platinum embers.

- 12) Be sure 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.



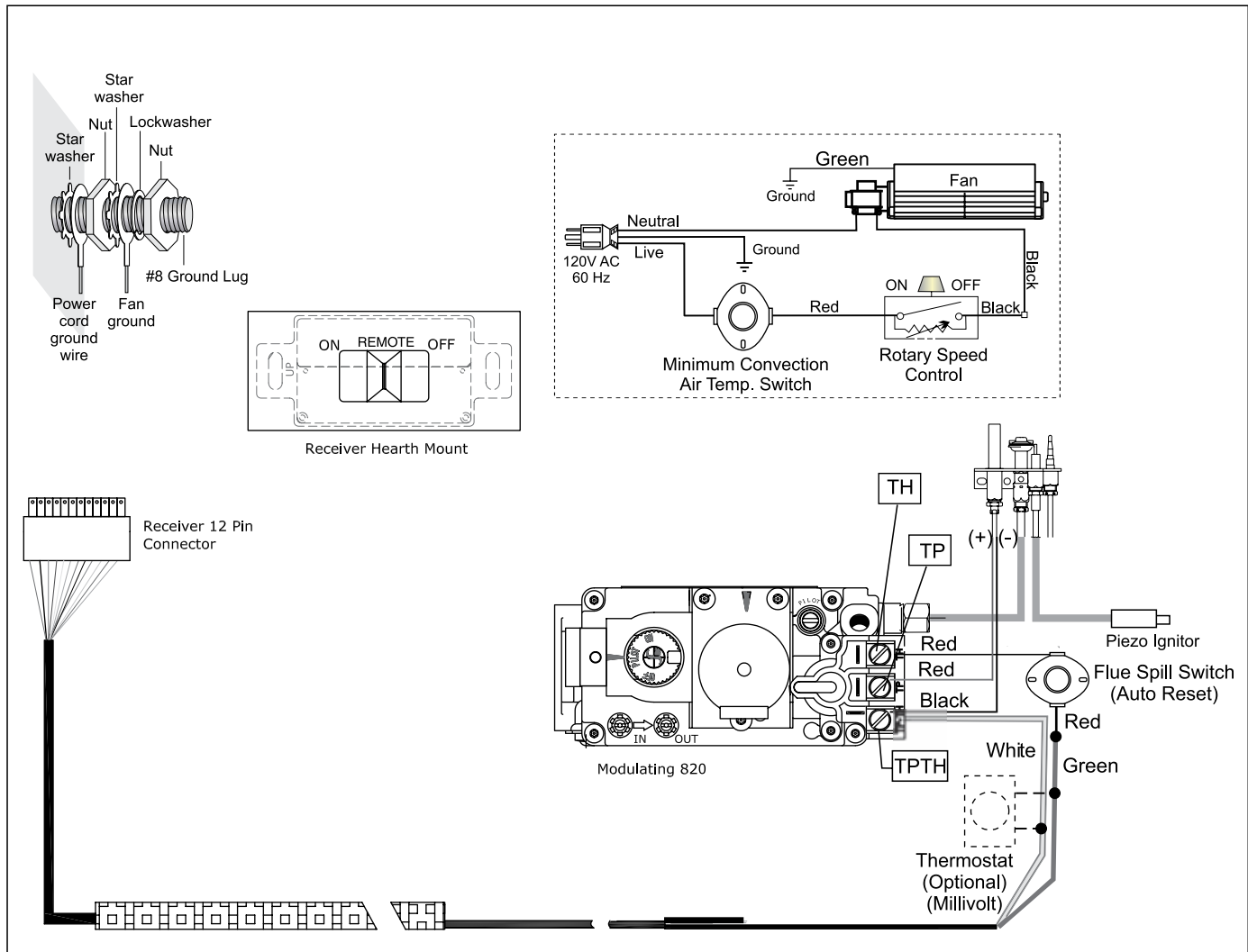
The "02" refer numbers (i.e. 02-43) are molded into the rear of each log.

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.

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.

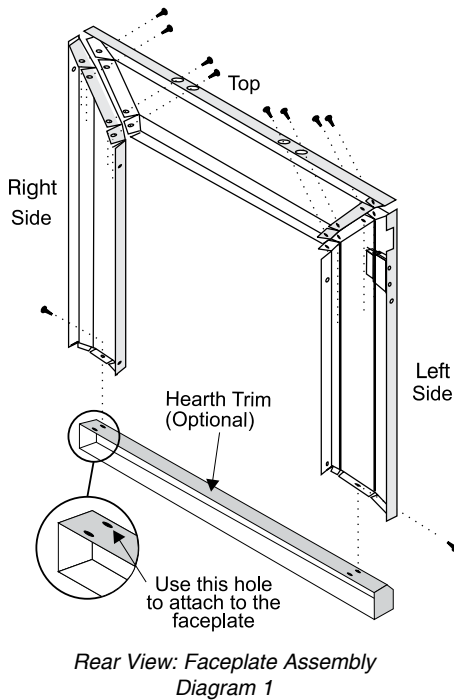


WARNING: Electrical Grounding Instructions

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

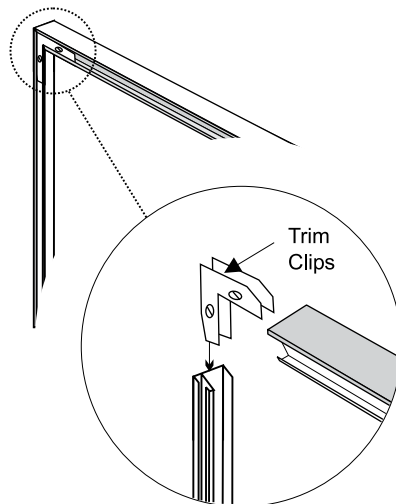
1. Lay the faceplate panels flat, face down on something soft so they don't scratch.
2. Take the top faceplate and align the holes in it with the holes in the side panels. Using the screws provided, attach from the top of the panel (the holes in the top panel are slightly larger than the holes in the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



Hint: Don't 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.

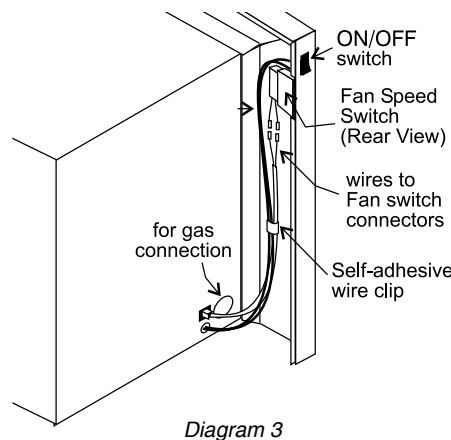
Hearth Trim Option: Hearth Trim is an option that can be used to finish off the installation when the bottom of the fireplace is higher than the hearth or to raise the fireplace. Attach the Hearth Trim to the bottom of the faceplate side panels with the screws provided. See Diagram 1.

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.

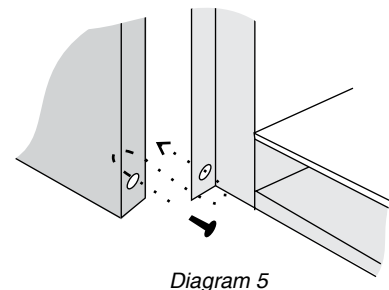
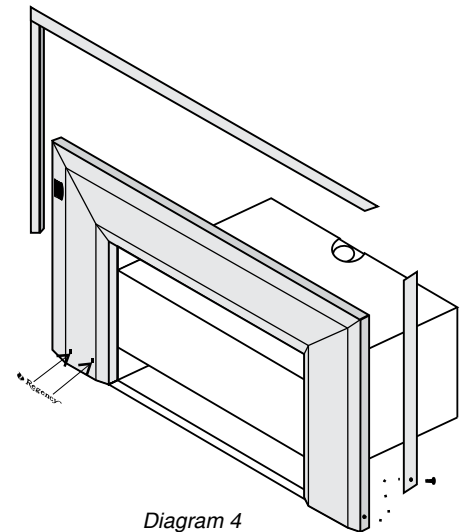


Rear View: Trim Assembly
Diagram 2

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.

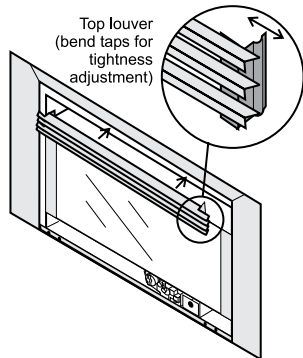


8. Attach the brass trim to the faceplate by drilling a 1/8" hole through into the faceplate using the hole in the trim as a guide. Fasten the trim to the faceplate panels using the plated screws. Diagram 4.
9. Attach the faceplate panels to the insert body using the 4 remaining black screws. Diagram 5.
10. Push the Regency logo plate into the two holes in the bottom left corner of the faceplate.

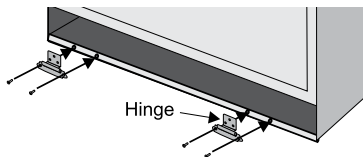


FLUSH LOUVER INSTALLATION

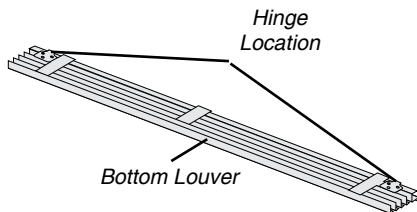
1. The Top Louver is held in place by friction fit, if the Louver needs to be adjusted; bend the bracket out as shown in the diagram.



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



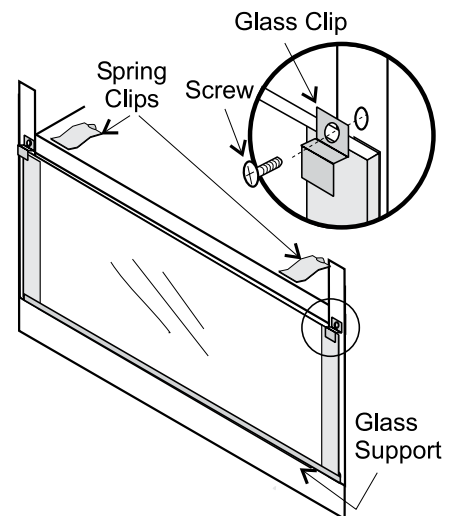
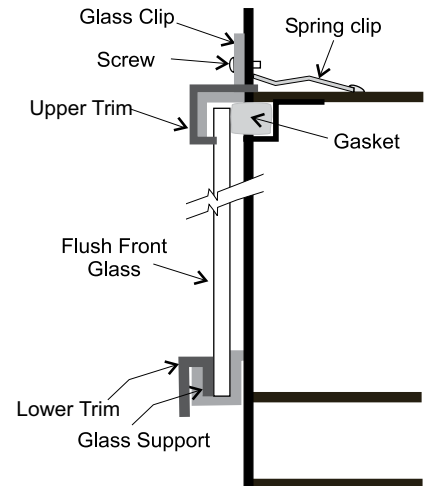
3. Place the Bottom Louver near the hinge. Flip hinge over the Bottom Louver and secure using 3 screws.



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 re-install 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.



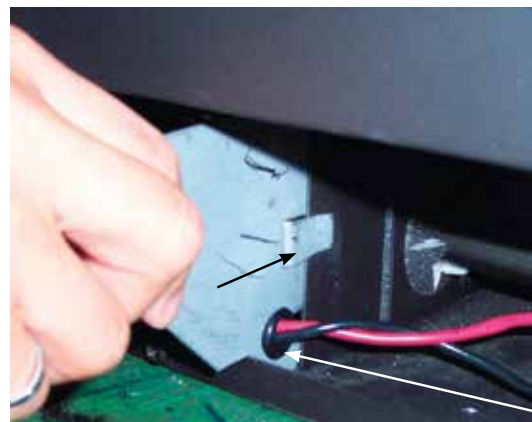
Diagram 4

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



Diagram 5

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



Wire feed

Diagram 6

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

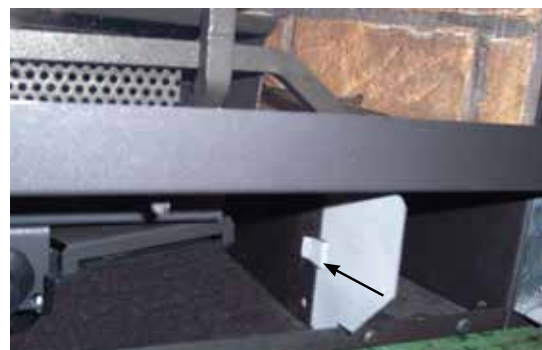


Diagram 7

- 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 8.



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.

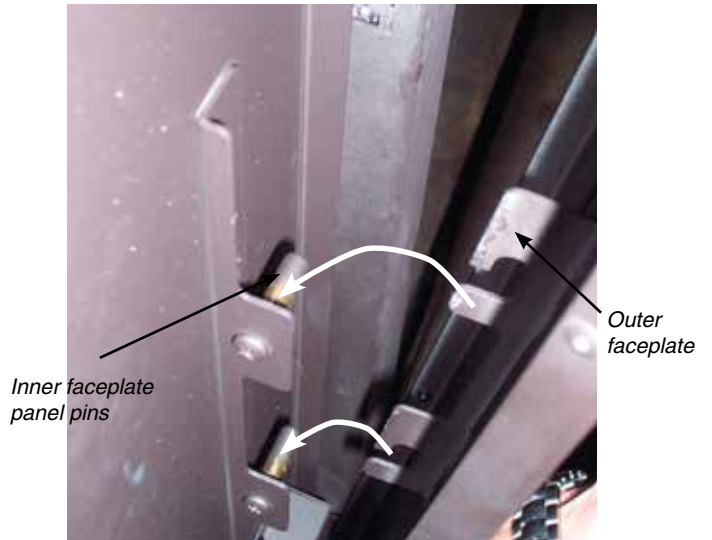


Diagram 11

- 11) Install safety screen—see next page.



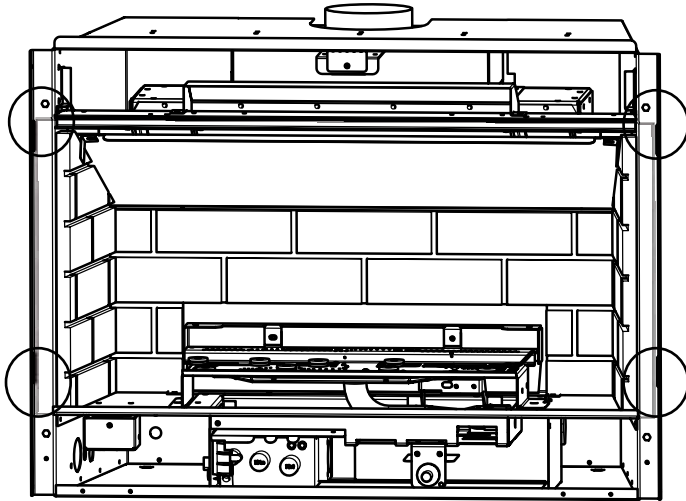
Final Install

Diagram 12

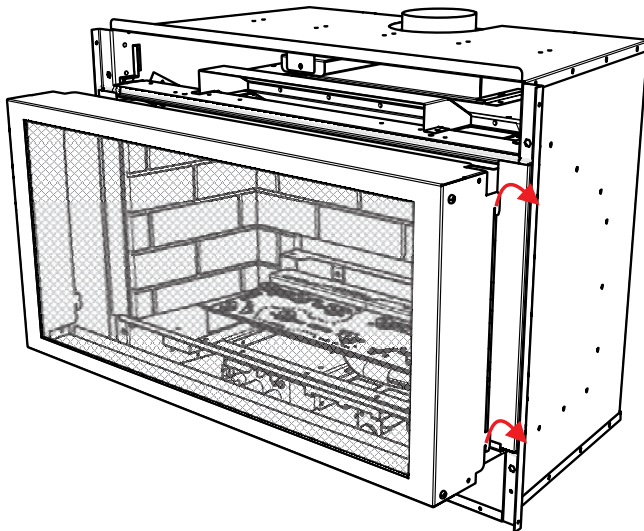
SAFETY SCREEN INSTALLATION / REMOVAL

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 is 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 on page 14 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.

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 soot-ing or carboning that results in damage to the exterior facia is not the responsibility of the manufacturer.

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.

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.

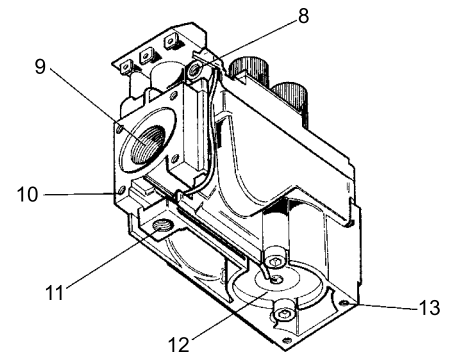
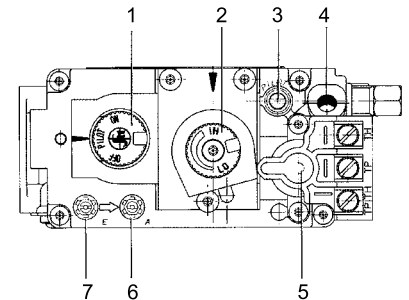
DO NOT ATTEMPT TO CLEAN THE GLASS WHILE IT IS HOT.

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.

DO NOT BURN THE APPLIANCE WITHOUT THE GLASS FRONT IN PLACE.

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



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

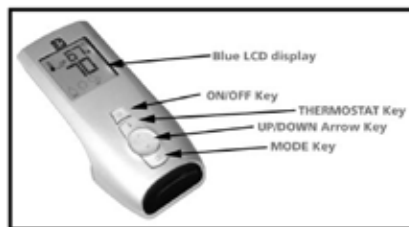


Diagram 1

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



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.

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 Thermdisc:

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	
This appliance must be installed in accordance with local codes, if any; if none, follow the National Fuel Gas Code, ANSI Z223.1/NFPA 54, or Natural Gas and Propane Installation Codes, CSA B149.1. WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner's information manual provided with this appliance. For assistance or additional information consult a qualified installer, service agency or gas supplier. AVERTISSEMENT: Quiconque ne respecte pas à la lettre les instructions dans la présente notice risque de déclencher un incendie ou une explosion entraînant des dommages, des blessures ou la mort. Une installation, d'ajustement, de modification, de service ou d'entretien peut provoquer des blessures ou des dommages matériels. Reportez-vous au manuel du propriétaire de l'information fournie avec cet appareil. Pour obtenir de l'aide ou des informations supplémentaires consulter un installateur qualifié, une agence de service ou fournisseur de gaz.	
A) This appliance is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot by hand. B) BEFORE OPERATING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor. WHAT TO DO IF YOU SMELL GAS - Do not try to light any appliance. - Do not touch any electric switch, do not use any phone in your building. - Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions. - If you cannot reach your gas supplier, call the fire department. C) Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and replace any part of the control system and any gas control which has been underwater. A) Cet appareil est muni d'un dispositif d'allumage qui allume automatiquement la veilleuse. Ne tentez pas d'allumer la veilleuse manuellement. B) AVANT DE FAIRE FONCTIONNER, reniflez tout autour de l'appareil pour détecter une odeur de gaz. Reniflez près du plancher, car certains gaz sont plus lourds que l'air et peuvent s'accumuler au niveau du sol. QUE FAIRE SI VOUS SENTEZ UNE ODEUR DE GAZ : • Ne pas tenter d'allumer d'appareil • Ne touchez à aucun interrupteur; ne pas vous servir des téléphones se trouvant dans le bâtiment. • Appelez immédiatement votre fournisseur de gaz depuis un voisin. Suivez les instructions du fournisseur. • Si vous ne pouvez rejoindre le fournisseur, appelez le service des incendies C) N'utilisez pas cet appareil s'il a été plongé dans l'eau, même partiellement. Faites inspecter l'appareil par un technicien qualifié et remplacez toute partie du système de contrôle et toute commande qui ont été plongés dans l'eau.	
CAUTION: Hot while in operation. Do not touch. Severe Burns may result. Due to high surface temperatures keep children, clothing and furniture, gasoline and other liquids having flammable vapors away. Keep burner and control compartment clean. See installation and operating instructions accompanying appliance.	
LIGHTING INSTRUCTIONS	
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. 5) Press and release the ON/OFF button on the remote handheld transmitter. An audible beep should be heard from the receiver. 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. Important : Si le pilote ne tient pas, tourner le bouton pilote en position "ARRÊT". Attendre 5 minutes pour effacer du gaz. Si vous avez une odeur de gaz - STOP ! Suivez les consignes de sécurité ci-dessus. Si vous n'avez pas une odeur de gaz, répétez les étapes 1 à 6. 1) Enfoncez légèrement le bouton de réglage du gaz et tournez-le à la position « PILOT » (VEILLEUSE). 2) Poussez sur le bouton de commande tout le chemin et maintenir. Continuellement presser et relâcher le bouton noir sur les bougies d'allumage jusqu'à ce que les veilleuses. Continuez à maintenir le bouton de commande dans environ 1/2 minutes après que le pilote est allumé bouton. Release et il apparaîtra remonter. Veilleuse devrait rester allumée Si le bouton ne pas lorsqu'il est relâché, arrêtez et appelez immédiatement votre technicien de service ou fournisseur de gaz. 3) Enfoncez légèrement le bouton de réglage et tournez-le à la position « ON » (EN MARCHÉ). 4) S'assurer que l'interrupteur mural/récepteur soit en position télécommande. 5) Appuyer sur la touche ON/OFF de la télécommande et relâcher. Un bip sonore se fera entendre depuis le récepteur 6) Les flammes s'allumeront. Si le pilote ne reste pas allumée après plusieurs essais, tournez le bouton de contrôle du gaz à "OFF" et appelez votre technicien de service ou fournisseur de gaz.	
TO TURN OFF GAS APPLIANCE	
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. 1) Appuyez sur le bouton "OFF" sur la télécommande ou sur la diapositive interrupteur récepteur de télécommande sur "OFF". 2) Mettre le bouton de commande de gaz en position OFF pour éteindre la veilleuse. Pour économiser le carburant, éteignez la veilleuse quand l'appareil reste longtemps inutilisé.	
919-525 DO NOT REMOVE THIS INSTRUCTION PLATE	

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 MATERIAL SHOULD NOT BE PLACED ON OR NEAR THE APPLIANCE.

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

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

- 7) Verify proper operation after servicing.
- 8) Periodically check the pilot flames, there should be three strong blue flames approx. 3/4" long - 1 flame to the front burner, and 1 to the thermopile and one to the left. See diagrams below.

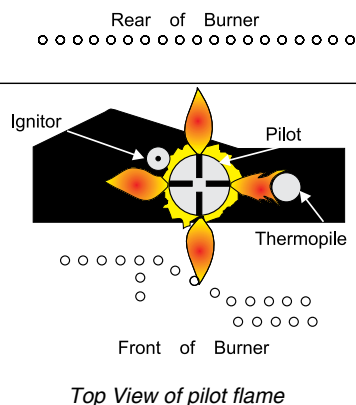
If you have an incorrect flame pattern, contact your FPI dealer for further instructions.

LOG REPLACEMENT

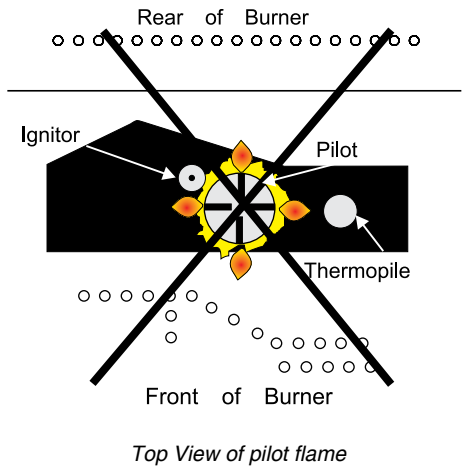
The unit should never be used with broken logs. Turn off the gas valve and allow the unit to cool before opening door to carefully remove the logs. The pilot light generates enough heat to burn someone. If for any reason a log should need replacement, you must use the proper replacement log. The position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

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.



GLASS GASKET

If the glass gasket requires replacement use 7/8" flat glass gasket (Part # 936-243) for the Bay Front and 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

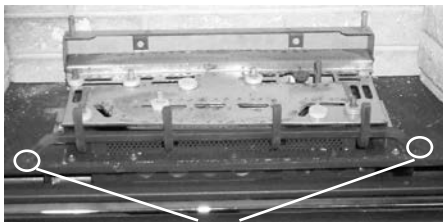
If your fan requires maintenance or replacement, access to the fan is through the plate on the rear wall of the firebox.

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

To remove fan:

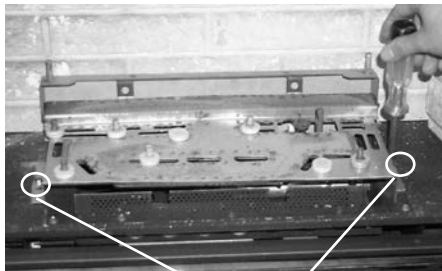
CAUTION: Label all wires prior to disconnection when servicing controls. Wiring error can cause improper and dangerous operation.

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



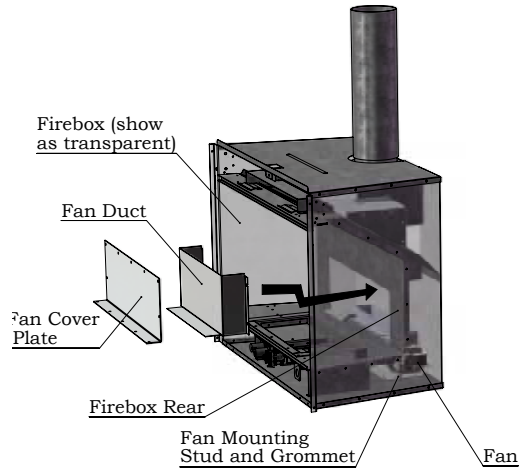
Remove the 2 screws holding the grate in position.

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, push Burner Tray to the left, and lift off.

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



10. Unplug the black wires from the fan motor (from inside the stove).

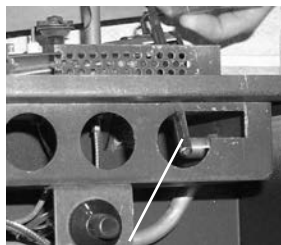
11. Lift Fan Assembly off of the 2 pins, tip forward and pull through firebox opening.

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.

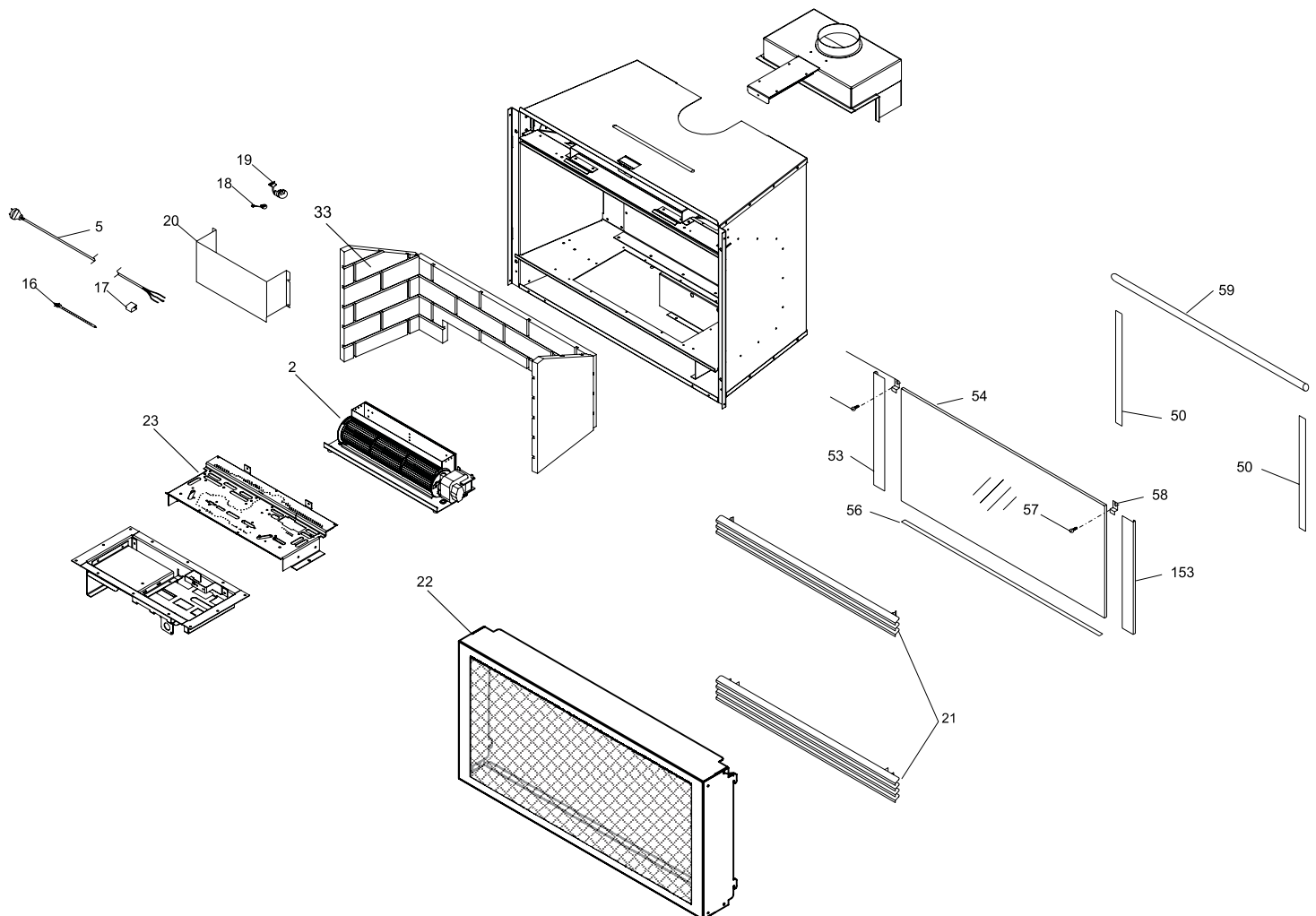


Aeration Adjustment Rod

Main Assembly

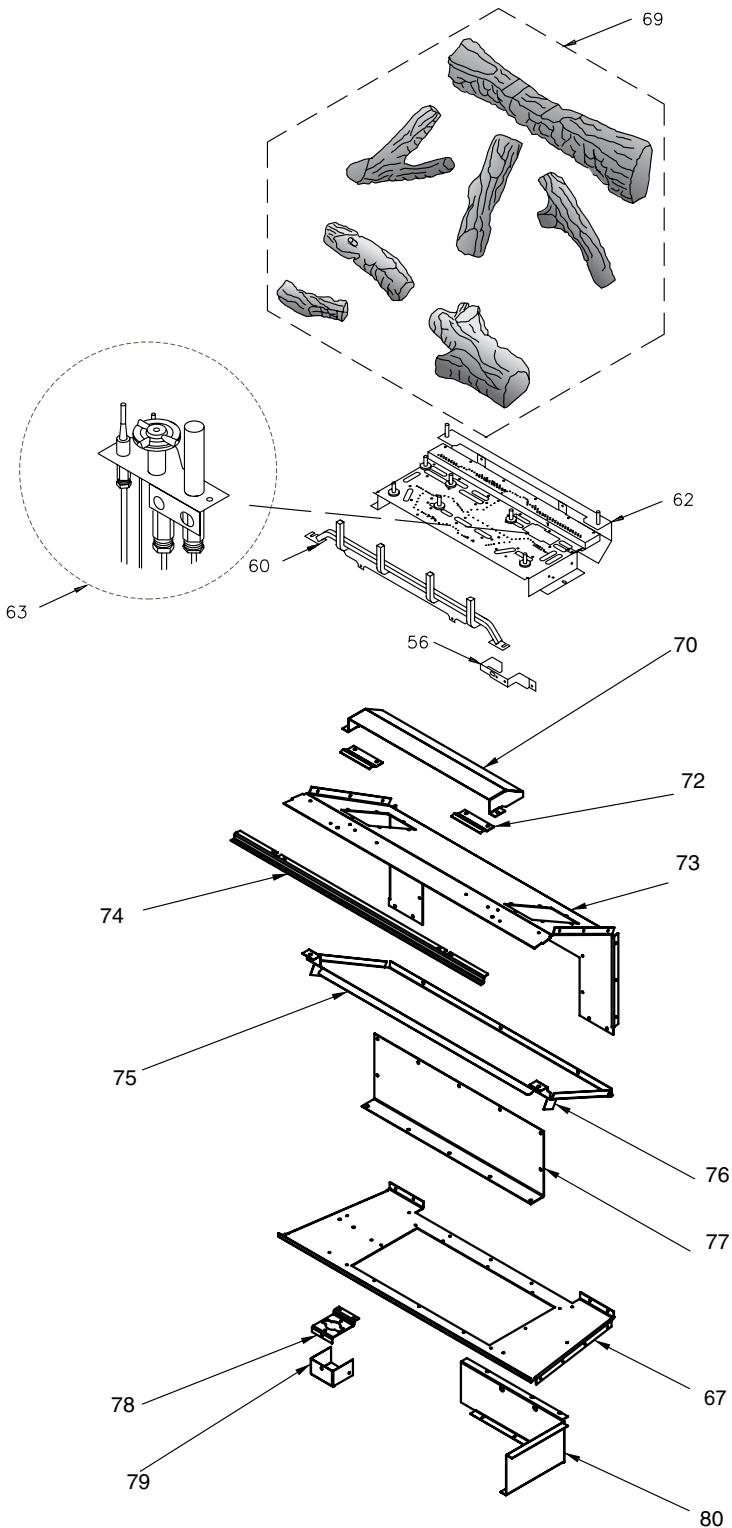
	Part #	Description
1.	400-011	Fan Opening Cover
2.	911-071/P	Fan Motor (120 V)
5.	910-750	Power Cord (120 V)
	910-752	Wire Harness (intermediate)
6.	*	Thermodisc cover
7.	*	Thermodisc bracket
8.	910-142	Thermodisc-Fan Auto ON/OFF
10.	*	Draft Hood Assembly
11.	*	Spill Switch Bracket
12.	910-220	Spill Switch
13.	*	Levelling Bolts 5/16 x 3 Hex Head
16.	*	Cable Tie
17.	*	Wire Holder Clip
18.	*	Strain Relief
19.	*	Grommet for power cord
20.	400-024	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
36.	400-090	Brick Clips
	402-515/P	Complete Flush Front
50.	936-243	Door Frame Gasket - 7/8"
53.	*	Glass Side Trim
54.	*	Flush Glass
56.	936-238	Flush Glass Gasket
57.	*	Screw #10-24 x 1/2"
58.	402-033	Flush Glass Bracket
59.	936-233	3/4" Rope Gasket
	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
52.	910-578	Novasit Valve -NG
	910-580	Novasit Valve - LP
	910-581	Novasit Modulator - NG
	910-582	Novasit Modulator - LP
53.	910-190	Piezo Ignitor and nut
54.	*	Valve Heat Shield
56.	*	Pilot Bracket
57.	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 Nat. Gas #53 (High Altitude)
60.	402-526	Grate Assembly
62.	404-525	Burner Assembly NG/LP
63.	910-048	Pilot Assembly (NG) -
		4 flame convertible top
	910-049	Pilot Assembly (LP) -
		4 flame convertible top
67.	*	Firebox Base
69.	402-935	Log Set
	402-572	Ember Package
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
	910-030	Spark Electrode
	910-432	Pilot Tube w/Nut
	911-137	Pilot Hood Clip
	910-592	Remote Transmitter GTMF (Hand Held)
	910-572	Remote Receiver
	911-137	Remote Receiver Battery Compartment Door
	911-164	Valve/Remote Wiring Harness
	910-036	Pilot Orifice - NG
	910-037	Pilot Orifice - LP
	910-341	Thermopile
	910-386	Thermocouple
*Not available as a replacement part.		

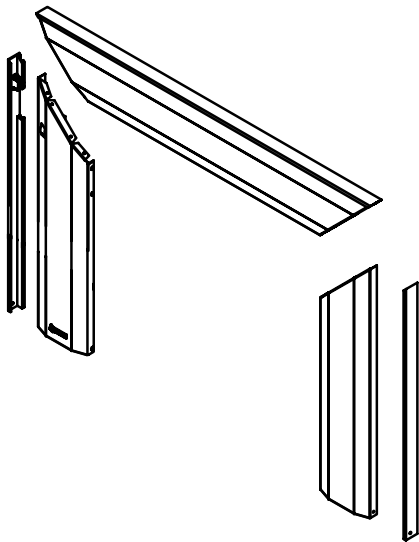


FACEPLATE ASSEMBLY

- Part # 405-900

Description: Standard Faceplate Assembly
- Part # 405-919

Description: Oversize Faceplate Assembly



LOW PROFILE FACEPLATE

- Part # 403-954

Description: Low Profile Faceplate

1.

*

Back plate Assembly
2.

*

Bottom Louver
3.

*

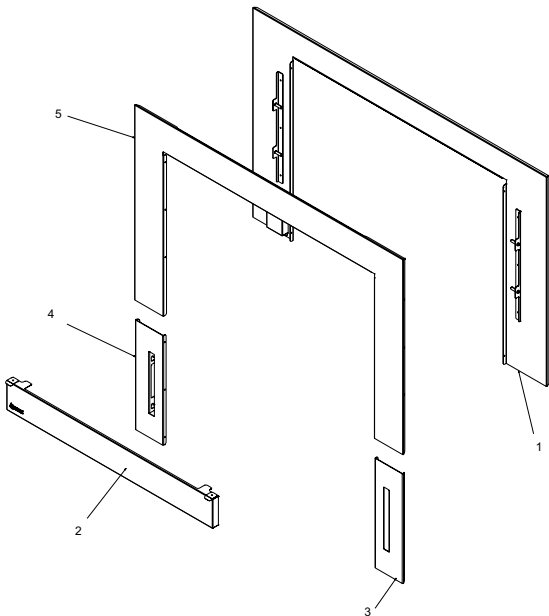
Right mounting bracket
4.

*

Left mounting bracket
5.

*

Front Frame



[illegible]

[illegible]

[illegible]



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

The Warranty: Limited Lifetime:

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

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

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

Special Finishes - One year on stainless steel panels, enamel panels, Verona glass surrounds, stainless steel inner/outer door frames, inlays, nickel overlays, nickel faceplates, brushed nickel and antique copper full screens and doors. You can expect some changes in color as the product "ages" with constant heating and cooling. Regency® warrants the product for any manufacturing defects on the original product. However, the manufacturers warranty does not cover changing colors and marks, i.e., finger prints, etc. applied after the purchase of the product. Damage from the use of abrasive cleaners is not covered by warranty.

Electrical and mechanical components such as blowers, fan motors, switches, wiring, thermodiscs, Regency® remote controls, spill switches, thermopiles, thermocouples, pilot assembly, Flame sensors, electrodes, fan control modules, IFC/DFC fireplace controls, AC adaptors, and gas valves are covered for two years parts and one year subsidized labour* from the date of purchase. Blowers and valves replaced under warranty are considered repairs and continue as if new with appliance. i.e. twelve (12) months from original purchase date of appliance with a minimum of three (3) months coverage from date of replacement.

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

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

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

Conditions:

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

Porcelain/Enamel - Absolute perfection is neither guaranteed nor commercially possible. Any chips must be reported and inspected by an authorized dealer within three days of installation. Reported damage after this time will be subject to rejection.

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

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

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

All claims must be submitted to Regency® by authorized selling dealers. It is essential that all submitted claims provide all of the necessary information including customer name, purchase date, serial #, type of unit, problem, and part or parts requested, a copy of the bill of sale/proof of purchase must also accompany any submitted claims, without this information the warranty will be invalid.

Exclusions:

This limited Lifetime Warranty does not extend to or include paint, batteries, volcanic stones, lava embers, rockwool, door handles, platinum embers, embaglow embers, door or glass gasketing or trim.

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

Regency® will not be liable for travel costs for service work.

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

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

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

It is the responsibility of the home owner to service and maintain the appliance. If any claims are sent to FPI, you may be asked for service records to ensure the appliance has been maintained. Retain all receipts for both service and/or parts which may have been replaced. Lack of service/maintenance is the largest contributor to malfunction of an appliance and is not covered under the terms of this warranty.

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

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

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

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

Malfunction/damage of this appliance due to mother nature (wind, rain, snow, floods, etc.) is not covered under the terms of this warranty policy. Some minor expansion, contraction, or movement of certain parts and resulting noise, is normal and not a defect and therefore not covered under this Limited Warranty.

If the appliance has been operated in atmospheres contaminated by chlorine, fluorine, or other damaging chemicals, it will not be covered under this Limited Warranty.

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

* Subsidy according to job scale as predetermined by FPI.

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

Reasons to register your product online today!

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

Installer: Please complete the following information

Dealer Name & Address: _____

Installer: _____

Phone #: _____

Date Installed: _____

Serial No.: _____



U31 Video