

# L234 Gas Insert

MODELS: L234-NG10 Natural Gas L234-LP10 Propane

### **Owners & Installation Manual**



### **A**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 you gas supplier, call the fire department.

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

Tested by:



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

Homeowner: Please keep these instructions for future reference.

### REGENCY GAS FIREPLACE INSERT

### TO THE NEW OWNER

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

The L234 Direct Vent Gas Insert has been designed to provide you with all the warmth and charm of a fireplace, at the flick of a switch. The L234-NG10 and L234-LP10 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 Regency Fireplace.



**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.



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 Wood Energy **Energy Technical** Technical Training **CERTIFIED**www.nficertified.org
Training (WETT).







Gas Inserts Benefits Video

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### safety decal

This is a copy of the labels that accompany each L234 Gas Insert. We have printed a copy of the contents here for your review. The safety label is located on a plate inside the base of the unit visible when the bottom louver is opened. Ensure that the safety label is attached to the unit.

NOTE: Regency units are constantly being improved. Check the label on the unit and if there is a difference, the label on the unit is the correct one.

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.

Duplicate Serial number

332



Listed: VENTED GAS FIREPLACE HEATER / FOYER AU GAZ À ÉVACUATION Certified for/Certifiée pour: CANADA and U.S.A. Certified to: CAN/CGA-2.17-M91(R2009) Tested to: ANSI Z21.88-2014 & CSA 2.33-2014

Serial No. / No de serie

Model/Mode L234-NG10

titude 0-45	500ft. (O	-13/Um)
5"	WC	(1.25 kpa)
1.1"	WC	(0.27 kpa)
3.8"	WC	(0.95 kpa)
42	DMS	
12,500	Btu/h	(6.89 kW)
23,500	Btu/h	(3.66 kW)
	5" 1.1" 3.8" 42 12,500	1.1" WC 3.8" WC 42 DMS 12,500 Btu/h

PROPANE GAS FIREPLACE INSERT: MODEL L234-LP10

NATURAL GAS FIREPLACE INSERT: MODEL L234-NG10

### **ÉQUIPÉ A L'UISINE POUR GAZ NATURAL**

DO NOT REMOVE THIS LABEL /

NE PAS ENLEVER CETTE ETIQUETTE

Pression d'allimentation minimum Pression à la tubulure d'échappement basse Pression à la tubulure d'échappement élevée Dimensions de l'orifice Débit Calorifique minimum Débit Calorifique maximum

### Factory Equipped For Altitude 0-4500ft. (0-1370m) 2.9" 11"

Min. Supply Pressure Low Setting Man. Pressure WC (2.99 kpa) (0.72 kpa) Max. Manifold Pressure WC. (2.74 kpa) DMS Orifice Size Btu/h (6.30 kW) Btu/h (3.22 kW) 11,000 Maximum Input 21.500

(305mm)

#### **ÉQUIPÉ A L'UISINE POUR GAZ PROPANE**

Pression d'allimentation minimum Pression à la tubulure d'échappement basse Pression à la tubulure d'échappement élevée Dimensions de l'orifice Débit Calorifique minimum Débit Calorifique maximum

Mantel Clearances 66' (1524mm) Alcove Width Alcove Depth (914mm)

Non-Combustible Hearth Extension Hearth Height G 1-1/2 (38mm) 28" (711mm) Hearth Width

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

Hearth Depth



Fan Part No. 910-331/P ELECTRICAL SUPPLY/ALIMENTATION ELECTRIQUE: 115V60HZ less than/Moins de 2 AMF

#### Minimum Clearances to Combustibles from Insert

Side Walls \*A 8' (203mm) Ceiling Min. Mantel Height В 56' (1422mm) С 21' (533mm)Max. Mantel Depth (914mm) Alcove Width F (1930mm)



12'



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.

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/NCSBCS A225.1NFPA 501A, Manufactured Home Installations Standard
This appliance is only for use with the type of gas indicated on the rating plate and may be installed in an aftermarket, permanently located, manufactured (mobile) home where not prohibited by local codes. See owner's manual for details.

This appliance is not convertible for use with other gases unless a certified kit is used.

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

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/NCSBCS A225.1/NFPA

Sola, Manufactured Home Installations Standard

Cet appareil doit être utilize 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 prelativique du mobile (L.-V) acuterient installee à de inflate si le réglements obtablé le product de l'unisateur pour plus de renseignements. Cet appareil ne peut pas être utilisé avec d'autres gaz sauf si une trousse de conversion certifiée est fournie. Cet appareil n'est pas convertible pour une utilisation avec d'autres gaz, sauf si un kit certifié est utilisé.

AVERTISSEMENT: Ce foyer a été converti pour utilisation avec un foyer au gaz encastrable et ne peut être utiliser 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.

For use with glass doors certified with the appliance only

Our utilisation uniquement avec les portes en verre certifiées avec l'appareil

For Use Only with Barrier (Part #537-000) Follow installation instructions. Utiliser uniquement avec l'écran ( n ° 537-000) Suivre les instructions d'installation.

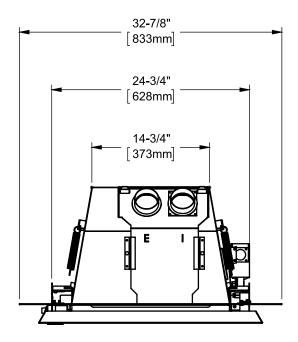
VENTED GAS FIREPLACE HEATER - NOT FOR USE WITH SOLID FUELS. / FOYER AU GAZ À ÉVACUATION - NE PAS UTILISER AVEC DUCOMBUSTIBLE SOLIDE.

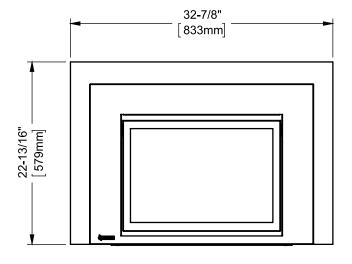
# MA Code - CO Detector (for the State of Massachusetts only)

#### 5.08: Modifications to NFPA-54, Chapter 10

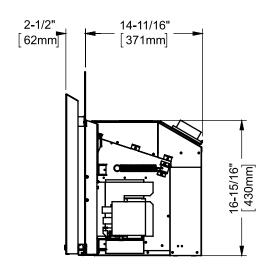
- (2) Revise 10.8.3 by adding the following additional requirements:
- (a) For all side wall horizontally vented gas fueled equipment installed in every dwelling, building or structure used in whole or in part for residential purposes, including those owned or operated by the Commonwealth and where the 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 equipmentat the completion of the installation.

# 6 dimensions





Shown with Low Profile Faceplate



### FOR YOUR SAFETY

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

INSTALLATION AND REPAIR SHOULD BE DONE BY AN AUTHORIZED SERVICE PERSON. THE APPLIANCE SHOULD BE INSPECTED BEFORE **USE AND AT LEAST ANNUALLY BY A** PROFESSIONAL SERVICE PERSON. MORE FREQUENT CLEANING MAY BE REQUIRED DUE TO EXCESSIVE LINT FROM CARPETING, BEDDING MATERIAL, ETC. IT IS IMPERATIVETHAT 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, ESPE-CIALLY THE FIREPLACE GLASS, AND SHOULD STAY AWAY TO AVOID BURNS OR CLOTHING IGNITION.

YOUNG CHILDREN SHOULD BE CARE-**FULLY SUPERVISED WHEN THEY ARE** IN THE SAME AREA AS THE APPLI-ANCE. TODDLERS, YOUNG CHILDREN AND OTHERS MAY BE SUSCEPTIBLE TO ACCIDENTAL CONTACT BURNS. A PHYSICAL BARRIERS IS RECOMMEND-ED IFTHERE ARE AT RISK INDIVIDUAL INTHE 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** 

IFTHE BARRIER BECOMES DAMAGED, THE BARRIER SHALL BE REPLACED WITHTHE MANUFACTURER'S BARRIER FOR THIS APPLIANCE.

ANY SAFETY SCREEN, GUARD, OR BARRIER REMOVED FOR SERVICING AN APPLIANCE MUST BE REPLACED PRIORTO OPERATINGTHE APPLIANCE.



### **IMPORTANT MESSAGE SAVE THESE** INSTRUCTIONS

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

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

### **GAS PRESSURE TESTING**

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

### **SPECIFICATIONS**

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

### **Gas Input Capacity:**

Natural Gas 23,500 Btu/h Propane 21,500 Btu/h

Min. Input:

Natural Gas 12,500 Btu/h Propane 11,000 Btu/h

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

Electrical: 120V A.C. system. Circulation Fan: Variable speed, 127 CFM. Log Set: Ceramic fibre, 6 per set. Vent System: 3" co-linear aluminum flex

or 2" intake with 3" exhaust.

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

The L234 Gas Inserts have been tested and approved to be vented into any masonry fireplace or approved solid fuel burning factory built fireplace that will allow the insert to physically fit into the firebox. Refer to the "Minimum Fireplace Opening" section.

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

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

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

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

### **BEFORE YOU START**

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

### **General Safety Information**

- 1) The appliance installation must conform with local codes or in the absence of local codes, with CAN/CSA B149.1 (in Canada) or the National Fuel Gas Code ANSI Z223.1 NFPA 54 in the U.S.A. This appliance should be installed by a qualified gas fitter technician only.
- 2) Installation and repair should be done by a qualified service person.
- 3) The appliance should be inspected before use and at least annually by a professional

service person. More frequent cleaning may be required due to excessive lint from carpeting, bedding material, animal hair, etc. It is imperative that control compartments, burners and circulating air passageways of the appliance be kept clean.

- See general construction and assembly instructions. This appliance may only be installed in a vented, noncombustible fireplace.
- 5) This appliance is Listed for bedroom installations when used with a Listed Millivolt Thermostat. Some areas may have further requirements, check local codes before installation.
- 6) Always connect this appliance to a vent system vent that is run (or routed) to the outside of the building envelope. Never vent to another room or inside a building. Make sure that the vent is properly sized and is of adequate height to provide the proper draft.
- 7) Inspect the venting system annually for blockage and any signs of deterioration.
- 8) Any glass removed for servicing must be replaced prior to operating the appliance.
- 9) WARNING: Failure to position the parts in accordance with the diagrams in this manual or failure to use only parts specifically approved with this appliance may result in property damage or personal injury.
- 10) To prevent injury, do not allow anyone who is unfamiliar with the operation to use the fireplace.

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."

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

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

# INSTALLATION CHECKLIST

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

The Regency Gas Insert is installed as listed below.

- Check all clearances to combustibles. Refer to the following sections where applicable:
  - a. Minimum Clearances to Combustibles.
  - b. Combustible Mantel Clearances
  - c. Mantel Clearances
- Make the gas connection. Refer to the "Gas Connection" section.
- Install the 3" x 3" or 3" x 2" flue liner to the sliding connector plate. Refer to the "Flue Liner Installation" section.
- 4) Slide the unit half way into the fireplace.
- Pull the vent connector plate through the tapered brackets and fasten to the front plate. Refer to the "Flue Liner Installation" section.
- 6) Install 4AA batteries into receiver. Hook receiver to wire marked receiver, this will enable operation of the appliance manually when position in "ON" position.
- 7) Slide the unit fully into the fireplace.

- 8) Test gas pressure, refer to the "Gas Pipe Pressure Testing" section. Check aeration system, refer to "Gas Insert Aeration Systems" section.
- 9) Install standard and optional features. Refer to the following sections where applicable:
  - a. Brick Panels
  - b. Log Installation
  - c. Faceplate
  - d. Optional Hearth Trim
  - e Remote Control
  - f. Wall Thermostat
- 10) Final check. Refer to the "Final Check" section. Before leaving this unit with the customer, the installer must ensure that the appliance is firing correctly. This includes:
  - Clocking the appliance to ensure the correct firing rate.
  - b) Adjusting the primary air, if required, to ensure that the flame does not carbon. Refer to the "Gas Insert Aeration System" section.
  - Ensuring that the appliance is venting correctly.

### MATERIALS REQUIRED

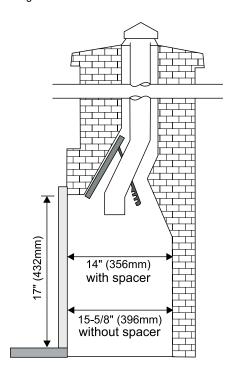
No electrical power supply is required for the gas control to operate. A 120 Volt AC power cord is hooked up to the fan. Plug the 3 wire cord into a suitable receptacle. **Do not cut the ground terminal off under any circumstances.** When connected with 120 volts, the appliance must be electrically grounded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

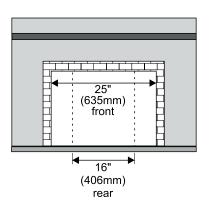
### WARNING: Electrical Grounding Instructions

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

# MINIMUM FIREPLACE OPENING

The minimum fireplace opening for the L234 gas fireplace insert is shown in the following diagrams:





### 10 | installation

### MINIMUM CLEARANCES TO COMBUSTIBLES

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

Side Walls A 8" (203 mm)\*

Ceiling B 56" (1422 mm)

Min. Mantel Height C 21" (533 mm) see Diagram 1

Max. Mantel Depth D 12" (305 mm) see Diagram 1

Alcove Width E 60" (1524 mm)
Alcove Depth F 36" (914 mm)

\*\*Hearth Height-

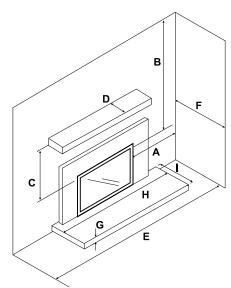
G 1-1/2" (38 mm) Minimum

Non combustible

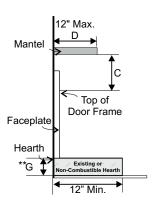
 $\begin{array}{lll} \mbox{Hearth Width} & \mbox{H} & 28 \mbox{" (686 mm)} \\ \mbox{Hearth Depth} & \mbox{I} & 12 \mbox{" (305 mm)} \end{array}$ 

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

\*\*Note: A 1-1/2" high non-combustible hearth is required if unit is not raised off the ground a minimum of 4"



# INSTALLATION WITH NON-COMBUSTIBLE HEARTH IN FRONT

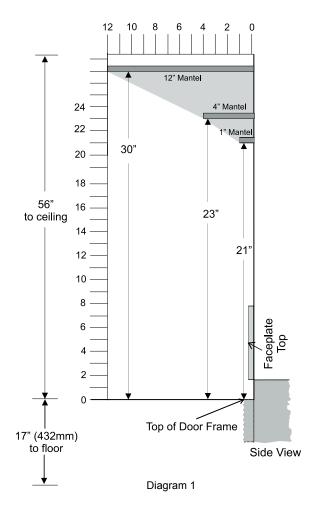


# COMBUSTIBLE MANTEL CLEARANCES

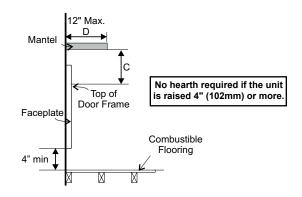
Because of the extreme heat this fireplace emits, the mantel clearances are critical. Combustible mantel clearances from top of door frame are shown in the diagram below. Mantel may be installed anywhere in the shaded area or higher.

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

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



# INSTALLATION WITH COMBUSTIBLE FLOORING IN FRONT



#### **VENTING**

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

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

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

### **INSTALLATION WITH 3" & 3" LINERS**

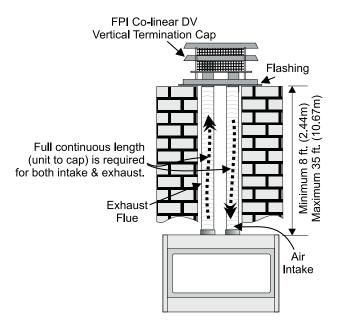
Part # Description

948-305 3" Flex - 35 ft. (intake & exhaust)

946-529 Regency Co-linear DV Vertical Termination Cap & Flashing

Vent Run	Vent Restrictor Position	Burner Aeration Setting
8' to 20'	1"	3/16"
20' to 35'	3/4"	3/16"

**NOTE:** See instructions in the "Vent Restrictor Positon" section on positioning of the vent restrictor.



### Alternative Approved Venting Components\*

46DVA-VC Vertical Termination Cap

46DVA-VCH High Wind Cap

46DVA-GK 3" Co-linear Adaptor with flashing

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

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

The L234 is also approved for use with a 2" liner for air intake and a 3" liner for exhaust. This would be suitable for a Class A wood burning chimney with a minimum 6" round flue.

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

### **INSTALLATION WITH 3" & 2" LINERS**

Part # Description

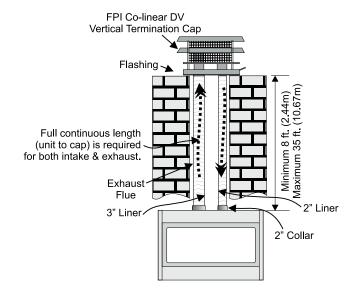
948-305 3" Flex - 35 ft. (exhaust) 948-316 2" Flex - 35 ft. (intake)

946-582 Regency Co-linear DV Vertical Termination Cap, Flashing

& 2" Collar

Vent Run	Vent Restrictor Position	Burner Aeration Setting
8' to 20'	1"	3/16"
20' to 35'	1"	1/8"

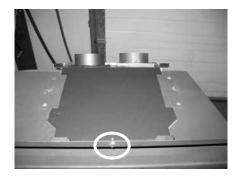
**NOTE:** See instructions in the "Vent Restrictor Positon" section on positioning of the vent restrictor.



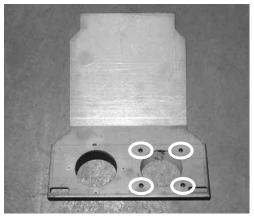
### 12 | installation

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

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



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



Underside of Top Plate

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



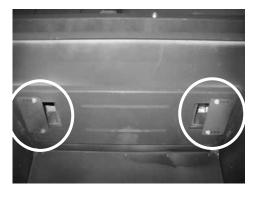
Top Plate with 2" Collar shown on Unit

### **VENT RESTRICTOR POSITION**

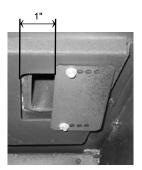
The Vent Restrictor plate is located on the inside top of the firebox.

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

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



 Adjust the vent restrictor plate to the required vent restrictor position.



Factory Set at 1"

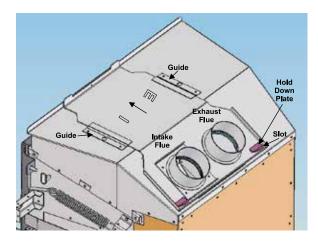


Adjusted to 3/4"

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

# FLUE LINER INSTALLATION

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



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

### NOTE:

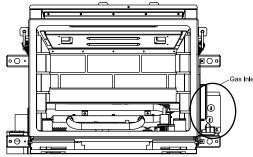
- Final gas connection should be made after unit is in place to avoid damage to the liner when pushing the unit into position.
- Mill-pac may be used instead of high tempture silicone and screws may be used instead of gear clamps at connections of liner to inlet and vent collars.

### **GAS CONNECTION**

### **GAS CONNECTION WARNING:**

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

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



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

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

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# GAS INSERT AERATION ADJUSTMENT

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

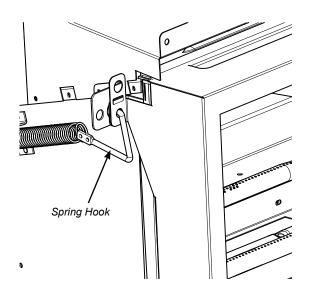
CAUTION: Carbon will be produced if the air shutter is closed too much.

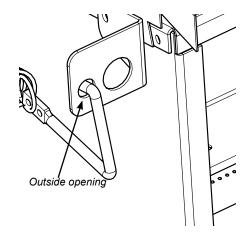
Minimum Air Shutter Openings			
	Vent Run	Burner Aeration Setting	
3" x 3"	8' to 20'	NG: 3/16" LP: 3/16"	
3 83	20' to 35'	NG: 3/16" LP: 3/16"	
	8' to 20'	NG: 3/16" LP: 3/16"	
3" x 2"	20' to 35'	NG: 1/8" LP: 1/8"	

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 Regency Installer at the time of installation or service.

- 1. Remove the outer faceplate.
- 2. Remove the safety screen.
- 3. Remove the glass door.
  - a) Pull the spring hook on the left that holds the door in place. Place the hook into the opening towards the outside of the bracket. Repeat on right side.





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



- 4. Remove the logs.
- 5. Remove brick panels, if installed.
- 6. Remove the burner by undoing the 3 screws.





Burner Removed

7. Make necessary aeration adjustment - reverse Steps 6-1.

# GAS PIPE PRESSURE TESTING

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

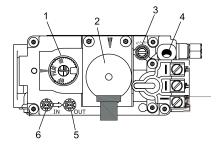
The manifold pressure is controlled by a regulator built into the gas control, and should be checked at the pressure test point.

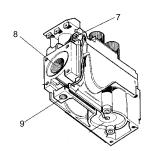
NOTE: To properly check gas pressure, both inlet and manifold pressures should be checked using the valve pressure ports on the valve.

- 1) Make sure the valve is in the "OFF" position.
- Loosen the "IN" and/or "OUT" pressure tap(s), turning counterclockwise with a 1/8" wide flat screwdriver.
- Attach manometer to "IN" and/or "OUT" pressure tap(s) using a 5/16" ID hose.
- 4) Light the pilot and turn the valve to "ON" position.
- 5) The pressure check should be carried out with the unit burning and the setting should be within the limits specified on the safety label.
- 6) When finished reading manometer, turn off the gas valve, disconnect the hose and tighten the screw (clockwise) with a 1/8" flat screwdriver. Note: Screw should be snug, but do not over tighten.

### SIT 829 VALVE DESCRIPTION

- 1) Gas on/off knob
- 2) Electronically Operated Hi/Lo
- 3) Pilot Adjustment
- 4) Thermocouple Connection option
- 5) Outlet Pressure Tap
- 6) Inlet Pressure Tap
- 7) Pilot Outlet
- 8) Main Gas Outlet
- 9) Alternative TC Connection Point





### **CONVERSION FROM NG TO LP**

### **LP Conversion Instructions**

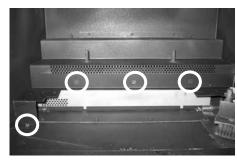
### THIS CONVERSION MUST BE DONE BY A QUALIFIED GAS FITTER, IF IN DOUBT DO NOT DO THIS CONVERSION!!

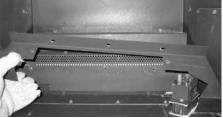
#### LP Conversion Kit Contains:

Qty.	Part #	Description
1	910-037	LP Pilot Orifice
1	904-163	Orifice #54
1	904-529	5/32" Allen Key
1	910-582	Stepper Motor
1	918-590	LP Conversion Decal
1	908-528	Red Propane Label
1	919-465	Instruction Sheet

- 1. Shut off gas and electrical supply to the unit.
- 2. Remove the faceplate.
- 3. Remove the safety screen and glass door see manual for detailed instructions.
- 4. Remove the logs if installed.
- 5. Remove the brick panels if installed.
- 6. Remove the burner by undoing the 3 screws.

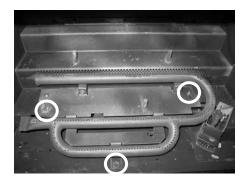
Remove the burner tray by undoing the 4 screws.





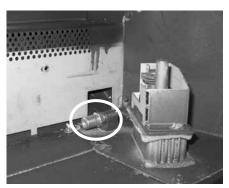
Burner Tray Removed

Remove burner orifice with a 1/2" wrench and discard.





Burner Removed



- **9.** Install the new LP burner orifice stamped #54 and tighten.
- **10.** Pull off the pilot cap to expose the pilot orifice.



11. Unscrew the pilot orifice with the supplied allen key and replace it with the LP pilot orifice in the kit and re-install the pilot cap.



12. Remove NG stepper motor by removing 3 screws in locations shown below–replace with LP stepper motor, secure in place with 3 screws.



Remove NG Stepper motor and replace with LP Stepper motor

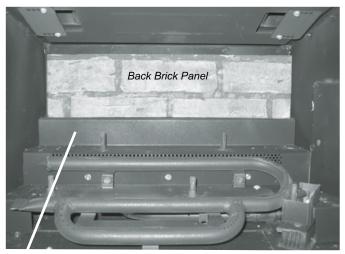
- **13.** Check for gas leaks with a proper soapy solution or leak detector.
- 14. Check inlet and outlet pressures. Refer to "Gas Pipe Pressure Testing" section of the manual.
- 15. Attach the label "This unit has been converted to LP" near or on top of the serial # decal.
- Replace yellow "NG" label with red "LP" label.
- **16.** Reverse Steps 8 1.

**NOTE**: before re-installing burner, check the LP aeration settings.

- 17. Check operation of flame control.
- **18.** Check for proper flame appearance and glow on logs.

### **OPTIONAL BRICK PANEL INSTALLATION**

- 1) Carefully remove the brick panels from the box and unwrap them.
- 2) Insert the back brick panel by carefully placing it against the back wall of the firebox and rest it on the rear log tray.



Rear Log Tray

3) Slide the right side brick panel into position and secure in place using the brick clip. Repeat for left side.



Brick Clip



Right Side Brick Panel

# **IMPORTANT**

YOUR BRICK PANELS ARE MANUFACTURED FROM A SPECIAL HEAT REFLECTIVE CERAMIC MATERIAL HANDLE WITH CARE (DO NOT FORCE INTO POSITION)

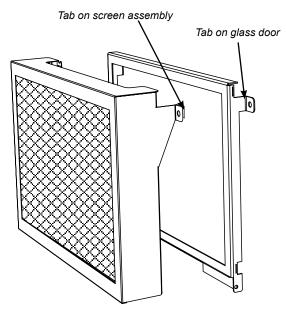
### **Completed Brick Panel Installation**



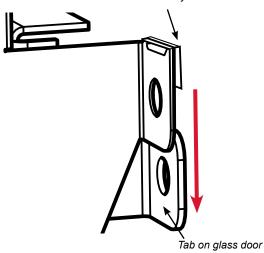
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### **SAFETY SCREEN INSTALL**

 Slide the folded tab on the screen assembly over the tab on the glass door (left and right sides).



Folded Tab on screen assembly



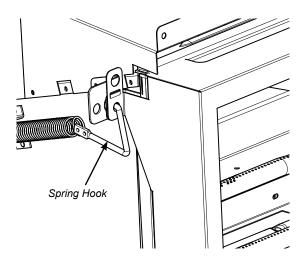
Install screen assembly and glass door together and secure with spring hooks on left and right side. To remove see "Glass Door Removal" instructions.

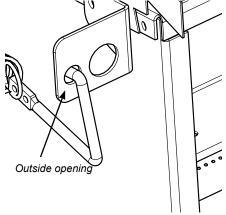
Spring Hook



### **GLASS DOOR REMOVAL/INSTALL**

- 1. Remove the glass door.
  - a) Pull the spring hook on the left that holds the door in place. Place the hook into the opening towards the outside of the bracket. Repeat on right side.





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



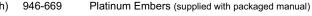
**2.** To reinstall—reverse steps.

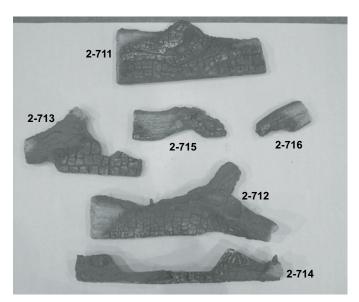
### LOG SET INSTALLATION

Read the instructions below carefully and refer to the images. Dangerous operating conditions may occur if the logs are not positioned in their correct locations. If the logs are broken do not use the unit until they are replaced. Broken logs can interfere with the pilot operation.

Log kit (Part # 536-930) contains the following pieces:

a)	2-711	Rear Log
b)	2-712	Center Log
c)	2-713	Left Log
d)	2-714	Front Log
e)	2-715	Top Left Log
f)	2-716	Top Right Log
g)		Embers (supplied with packaged manual)
h)	046 660	Distingues Embara (





- 1) Carefully remove the logs from the box and unwrap them. The logs are fragile, handle with care do not force into position.
- 2) Fit log 2-711 into the pins on the rear log tray.





3) Place  $\log 2-714$  on the base of the firebox in front of the burner.



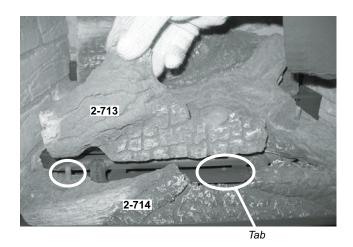
4) Fit  $\log 2-712$  into the pins on the middle of the burner.



### installation 20

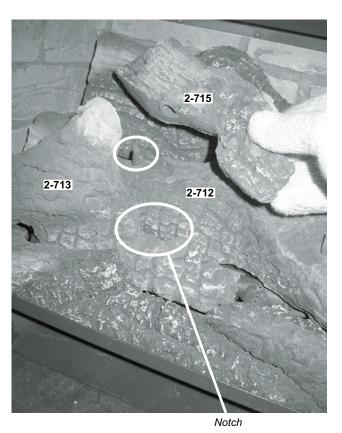


5) Fit the left side of  $\log 2-713$  into the pin on  $\log 2-714$  and rest the right side of the  $\log$  on the burner plate pushing it against the tab.





6) Place  $\log 2-715$  into the pin on  $\log 2-712$  and rest the right end of the log on the notch in log 2-713.





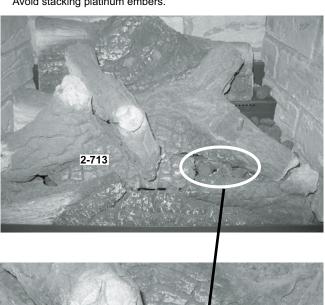
### 7) Place embers on the right side of the burner as shown.

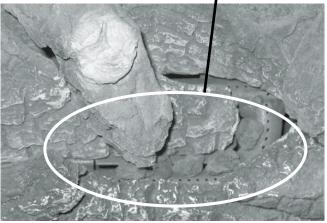


Right side of Burner

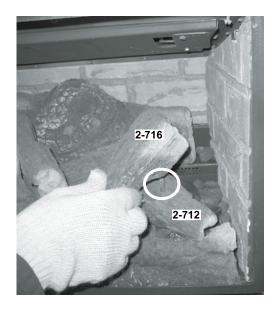
Also place a few embers along the burner tube next to  $\log 2-713$ .

Separate platinum embers and place on and around the embers. Avoid stacking platinum embers.

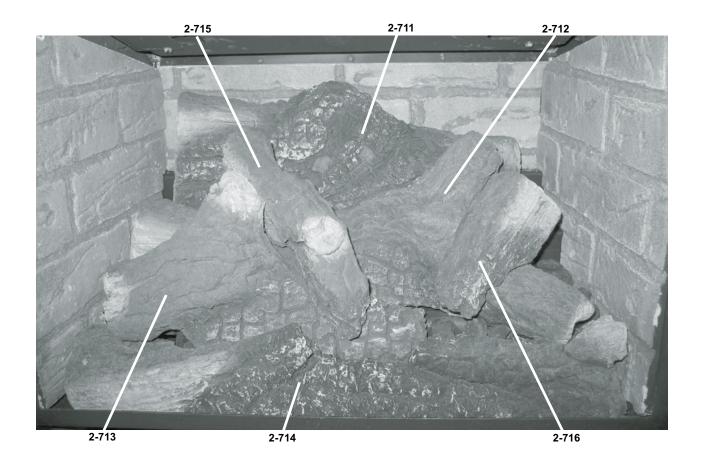




8) Fit  $\log 2-716$  into the pin on  $\log 2-712$ .

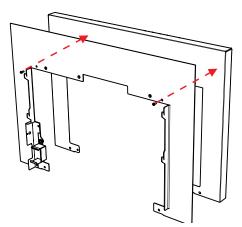


### **Completed Log Set Installation**

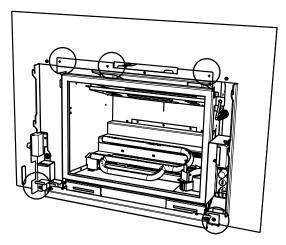


### LOW PROFILE FACEPLATE INSTALLATION

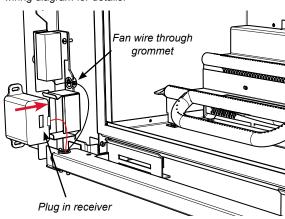
1. \* If no spacer required-proceed to Step 2. If optional spacer is required, secure the faceplate backing to the spacer with 2 screws in locations shown below. Attach faceplate backing and spacer to unit together as shown in Step 2.



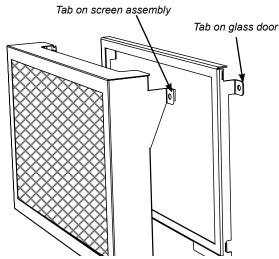
2. Position faceplate backer ( and spacer, if required) behind the flange on the unit and secure with 5 screws in location shown below.



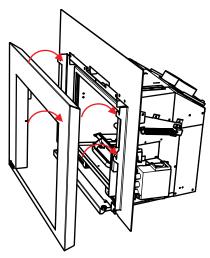
3. Install the receiver into the bracket located on the left side of the outer faceplate. The receiver is located in the manual pack. Connect the receiver to the 12 pin connector marked "receiver" and fan wires from the fan wiring harness and tuck all wires into bracket. See wiring diagram for details.



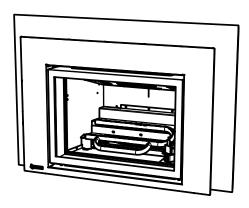
4. Install safety screen over glass door by opening glass door and sliding tab of safety screen over tab of glass door as shown below, then install door and screen together. For further details see manual.



5. Install the outer faceplate by hooking on to the brackets on the faceplate backing.



6. To remove-reverse steps.



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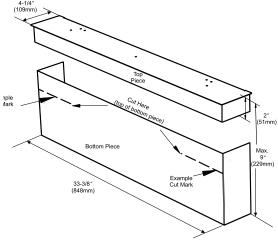
### **HEARTH TRIM INSTALLATION**

### **Customize Hearth Trim:**

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

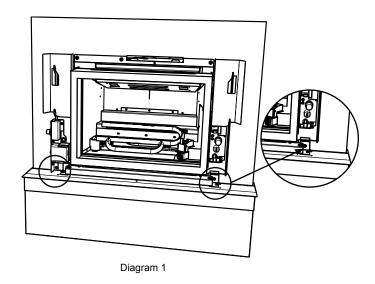
**NOTE:** The tab bends at the back of the top piece of the hearth trim should be used as the measuring point to the hearth to measure the height required.

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

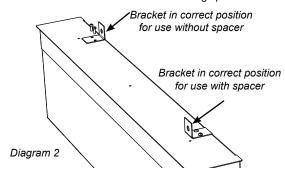


### **Hearth Trim Installation:**

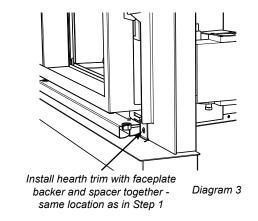
1) Align the screw holes on the hearth trim brackets with the screw holes on the lower legs of the faceplate backing. Secure in place using 1 screw through hearth trim bracket and lower leg of facepalte backing on each side as shown in Diagram 1.



Attach the supplied brackets to the top of the hearth trim with 2 screws.
 Note: orientation of brackets is different when using spacer.



Install the hearth trim through the lower legs of the faceplate backer and spacer together.



4) Install outer faceplate.

### **Completed Hearth Trim Installation:**

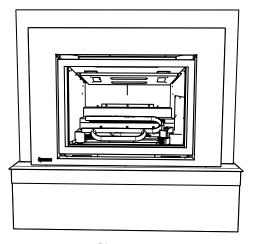


Diagram 4

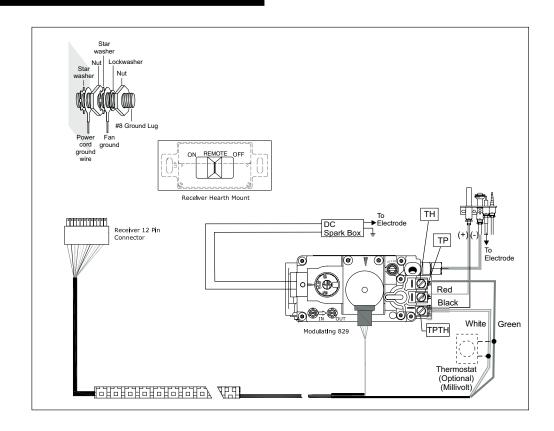
### **WIRING DIAGRAMS**

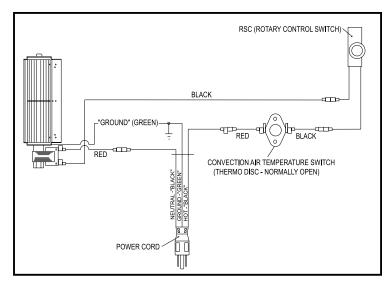
This heater does not require a 120V A.C. supply for operation. However, a 120V A.C. power supply is needed for the fan/blower operation.

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.





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# OPTIONAL WALL THERMOSTAT

A wall thermostat may be installed if desired, follow the wiring diagram below. Note: the wires are connected to the "TH" on the gas valve. Use the table below to determine the maximum wire length. Regency offers an optional programmable thermostat but any 250-750 millivolt rated non-anticipator type thermostat that is CSA, ULC or UL approved may be used.

It is recommended that the thermostat be installed on an interior wall.

### 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.		

### **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 (noted on label) at 15 minutes.
- 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.
- 3) Check for proper draft.

### **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.

# DC SPARK IGNITER BATTERY INSTALLATION

Install the supplied battery into the DC Sparker Box by opening the battery compartment.

**NOTE:** The battery in the DC Sparker Box will need to be replaced annually.



### **FIRST FIRE**

The first fire in your insert 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.

During the first few fires, a white film may develop on the glass front as part of the curing process. The glass should be cleaned or the film will bake on and become very difficult to remove. Use a non-abrasive cleaner and NEVER clean the glass while it is hot.

# OPERATING INSTRUCTIONS

- Read and understand these instructions before operating this appliance.
- Check to see that all wiring is correct and enclosed to prevent possible shock.
- 3) Check to ensure there are no gas leaks.
- Make sure the glass in the door frame is properly positioned. Never operate the appliance with the glass removed.
- 5) Verify that the venting and cap are unobstructed.
- Ensure that the brick panels, if used, are installed.
- Verify log placement. If the pilot cannot be seen when lighting the unit, the logs have been incorrectly positioned.
- The unit should never be turned off, and on again without a minimum of a 60 second wait.
- 9) Hook up remote receiver to wire marked 'receiver'

which will be located on the bottom of the appliance. This remote control requires coding. See remote control instructions for details.

- NOTE: This appliance will operate during power outages. Only the fan will not operate until power is restored. If the remote batteries in both the handheld transmitter or receiver lose power, the appliance can still be operated by sliding the switch on the receiver switch from "Remote" to "ON". To turn on the appliance off slide the receiver switch from "ON" to "Remote" or "OFF".
- IMPORTANT: The remote control system supplied with this appliance has several options for starting/operating the appliance, please read the remote control operating instructions (packed with remote control) to understand how to operate this remote system. Option to download remote functions video with QR code below.



Proflame video

### 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.
- Push in control knob all the way and hold in until the pilot lights up. Continue to hold the control knob in for about 20 seconds after the pilot is lit. Release knob.
- **3.** Push in gas control knob slightly and turn to "ON" position.
- 4. Ensure the receiver is in the remote position.



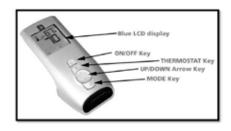
Diagram 1

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



Diagram 2

Remote shown in Manual Mode on Hi



6. The unit will turn on.

# SHUTDOWN PROCEDURE

- 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.

#### operating instructions 28

### COPY OF LIGHTING INSTRUCTION PLATE

### 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 risquede déclencher un incendie ou une explosion entraînant des dommages, des blessures ou

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 neighbours 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.
- Cet appareil est muni d'un dispositif d'allumage qui allume automatiquement la veilleuse Ne tentez pas d'allumer la veilleuse manuellement
- B) AVANT DE FAIRE FONCTIONNER, reniflez tout autour de l'appareil pour déceler une odeur de gaz. Reniflez près du plancher, car certains gaz sont pluslourds 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
- · 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 dansl'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 - STOPI 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 for about 20 seconds after the pilot is lit. 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.
- 6) The unit will turn on.

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) Enfoncez le bouton de réglage jusqu'au fond et tenez-le jusqu'à ce que la veilleuse s'allume. Tenez le bouton de réglage enfoncé environ 20 secondes après l'allumage de la veilleuse. Relâchez le bouton.

  3) Enfoncez légèrement le bouton de réglage et tournez-le à la position « ON » (EN MARCHE).
- 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
- Les flammes s'allumeront.

### TO TURN OFF GAS APPLIANCE

- Press "OFF" on the remote or slide receiver switch from remote to "OFF".
- 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.
- Appuvez sur le bouton "OFF" sur la télécommande ou sur la diapositive interrupteur récepteur de télécommande sur "OFF".
- 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.

### DO NOT REMOVE THIS INSTRUCTION PLATE

919-456

### 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:

Regency 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 thermally activated switch turns ON, it will create a small "clicking" sound. This is the contact switch closing.

### Pilot Flame:

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

### Gas Control Valve:

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

### Unit Body and Firebox:

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

### **MAINTENANCE INSTRUCTIONS**

- 1) Always turn the gas valve to the off position before cleaning. For relighting, refer to lighting instructions. Keep the burner and control compartment clean by brushing and vacuuming at least once a year.
  - When cleaning the logs, use a clean soft paint brush as the logs are fragile and easily damaged.
- 2) Clean (never when unit is hot) appliance, door and louvers with a damp cloth. Never use an abrasive cleaner. The finishes on louvers and doors may be scratched if abrasives are used to clean them. The heater is finished in a heat resistant paint and should only be refinished with heat resistant paint (not with wall paint). Regency uses StoveBrite Paint - Metallic Black #6309.
- 3) Make a periodic check of the burner for proper position and condition. Visually check the flame of the burner periodically, making sure the flames are steady: not lifting or floating. If there is a problem, call a qualified service person.
- 4) The appliance and venting system must be inspected before use, and at least annually, by a qualified field service person, to ensure that the flow of combustion and ventilation air is not obstructed.
  - During the annual service call, the burners should be removed and cleaned from the burner tray.
- 5) Keep the area near the appliance clear and free from combustible materials, gasoline and other flammable vapours and liquids.

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

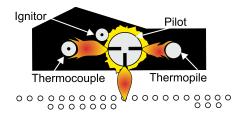
**CAUTION: ANY SAFETY SCREEN OR GUARD REMOVED FOR SERVICING** AN APPLIANCE MUST BE REPLACED PRIOR TO OPERATING THE APPLIANCE.

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

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

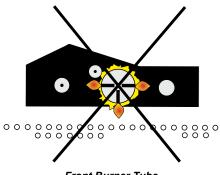
- Never operate the appliance without the glass properly secured in place or with the door open.
- 7) Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace nay part of the control system and any gas control which has been under
- 8) Periodically check the pilot flames. Correct flame pattern has three strong blue flames: 1 flowing around the thermopile and 1 around the thermocouple, and 1 flowing across the front of the burner.

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



### Front Burner Tube Top view of pilot flame

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



Front Burner Tube Top View of pilot flame

### **GENERAL VENT MAINTENANCE**

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

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

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

### 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 a tadpole gasket for the Flush Front (Part # 936-155).

### **DOOR GLASS**

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

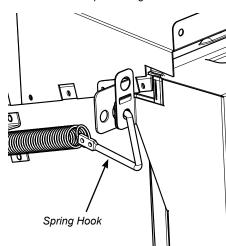
If your glass requires cleaning, we recommend using an approved glass cleaner available at all authorized dealers. Do not use abrasive materials. Do not clean the glass when hot.

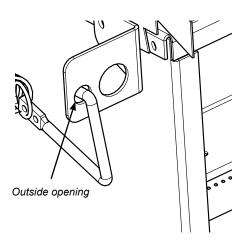
In the event that you break your glass by impact, purchase your replacement from an authorized Regency dealer only, do not use substitute materials. Follow our step-by-step instructions for replacement. Warning: Wear gloves when removing damaged or broken glass.

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

### **FAN REPLACEMENT**

- 1) Unplug the power source.
- 2) Remove the faceplate.
- 3) Remove the safety screen.
- 4) Remove the glass door.
  - a) Pull the spring hook on the left that holds the door in place. Place the hook into the opening towards the outside of the bracket. Repeat on right side.





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



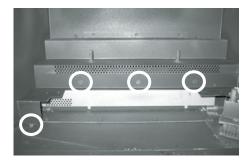
- 5) Remove the logs.
- 6) Remove brick panels, if installed.
- 7) Remove the burner by undoing the 3 screws.

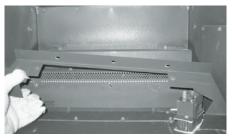




Burner Removed

8) Remove the burner tray by undoing the 4 screws.





Burner Tray Removed

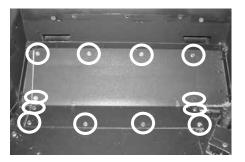
**9)** Remove the rear log tray by undoing the 3 screws.





Rear Log Tray Removed

10) Remove the fan cover plate by undoing the 12 screws that hold it in place.



13) Remove the fan by sliding the fan forward and lift up and out.

in place.



12) Remove the 2 screws that hold the fan bracket



14) Remove the ground screw which holds the ground wire.



Fan Cover Plate Removed

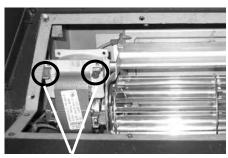
11) Unplug the fan connector wires.

Ground Wire



15) Replace the fan.

NOTE: Bend the connector clips down before re-installing the fan cover plate.



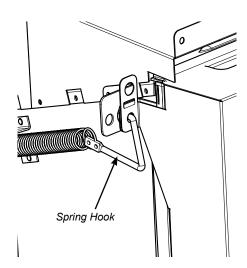
Connector Clips

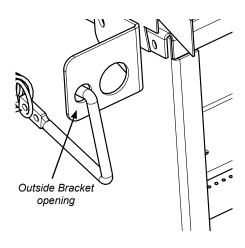
**16)** Reverse steps 14 - 1.

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### **VALVE REPLACEMENT**

- Remove the faceplate see instructions in manual.
- 2) Remove the safety screen and glass door.
  - a) Pull the spring hook on the left that holds the door in place. Place the hook into the opening towards the outside of the bracket. Repeat on right side.





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



- 3) Remove the logs.
- 4) Remove brick panels, if installed.
- **5)** Remove the valve shield by undoing the 2 screws.



- 6) Disconnect the gas connection to the valve.
- Disconnect the ignitor wire from the DC Sparker.
- 8) Disconnect the valve wires from the DC Sparker.



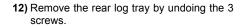


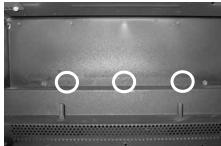
9) Unplug the 2 connectors from the valve.



10) Remove the burner by undoing the 3 screws.









Rear Log Tray Removed

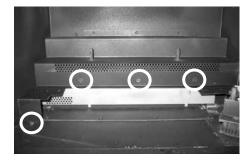


Valve Removed

- 14) Replace the valve.
- **15)** Reverse steps 13 1.

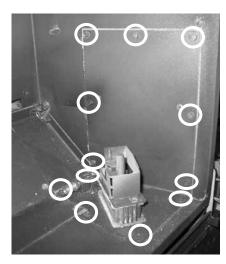
11) Remove the burner tray by undoing the 4 screws.

Burner Removed



Burner Tray Removed

13) Remove the 12 screws that hold the valve tray to the firebox and carefully pull out.



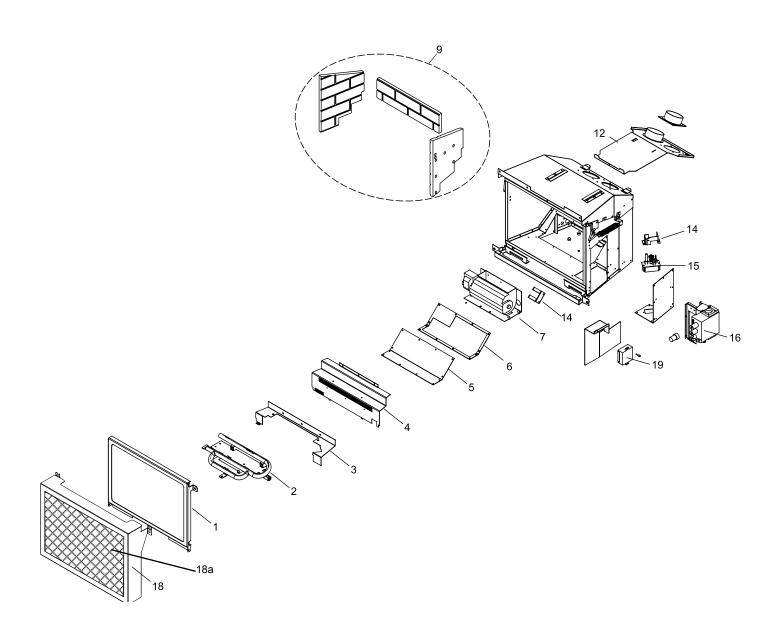
### parts list 34

### **MAIN ASSEMBLY**

	Part #	Description		Part #	Description
1)	940-355/P	Glass	16)	537-574/P	Valve Assembly - NG
	536-539	Door Frame Assembly no Glass		537-576/P	Valve Assembly - LP
	536-540	Door Frame Assembly with Glass			
2)	948-463	Burner Assy - NG/LP		910-073	Battery Holder - DC Sparker
3)	536-092	Log Tray Middle		910-074	DC Sparker - Switch
4)	536-014	Log Tray Rear		910-578	Valve - S.I.T Natural Gas
5)	536-011	Fan Access Plate		910-580	Valve - S.I.T Natural Gas
6)	536-107	Gasket - Fan Access Plate	18)	*	Safety Screen Frame
7)	536-517/P	Fan Assembly 120 V	18a)	537-000	Safety Screen Mesh
	910-215/P	Fan Motor 120 V	ŕ	910-572	Remote Receiver
	910-794	Power Cord		910-592	Remote Transmitter Handheld GTMF
	910-985	Wire Harness (Faceplate) - Black	19)	911-127	Remote receiver battery compartment
	910-986	Wire Harness (Faceplate) - Red		910-386	Thermocouple
	910-692	Wire Fan to Power Cord Ground		910-341	Thermopile
	910-142	Fan Auto On/Off Thermodisc		910-096	Pilot Hood
	536-522	Baffle Plate Assembly		910-036	Pilot Orifice NG
9)	536-901	Brick Panel Set - Standard Brown		910-037	Pilot Orifice LP
9)	536-902	Brick Panel Set - Standard Red		910-432	Pilot Tube w/nuts
	511-031	Brick Clip		*	Valve Tray
				910-581	Stepper Motor NG
12)	537-515	Flue Adaptor Assembly		910-582	Stepper Motor LP
13)	*			536-106	Thermal Insulation
14)	536-091	Pilot Shield		*	
15)	910-038	Pilot Assy- 3 Flame - S.I.T NG		536-109	Gasket - Valve Tray
	910-039	Pilot Assy - 3 Flame - S.I.T LP		536-930	Complete Log Set
	904-430	Orifice #42 - NG		537-969	Conversion Kit LP
				537-940	Hearth Trim
	904-163	Orifice #54 - LP			
	936-170	Orifice Gasket		919-442	Manual

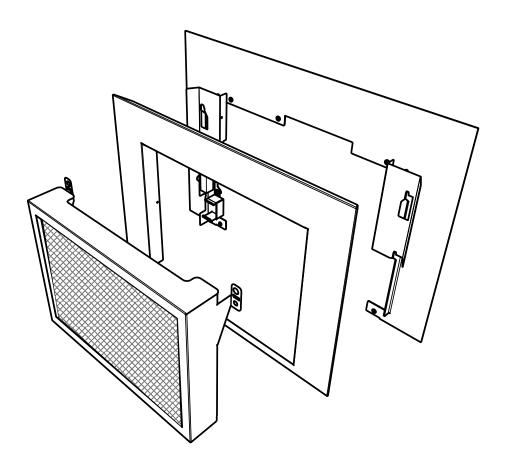
<sup>\*</sup> Not available as a replacement part.

### **MAIN ASSEMBLY**



# 36 | parts list

537-924 Low Profile Faceplate




notes |37

38 | notes



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

#### The Warranty: Limited Lifetime

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

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

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

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

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

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 <u>Transportation Prepaid</u>, if requested.

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

It is the general practice of 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, without this information the warranty will be invalid.

### Exclusions

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

At no time will 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. ie. 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.

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

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

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

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

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.

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 Regency.

# 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.:	



Liberty L234 Product Video