

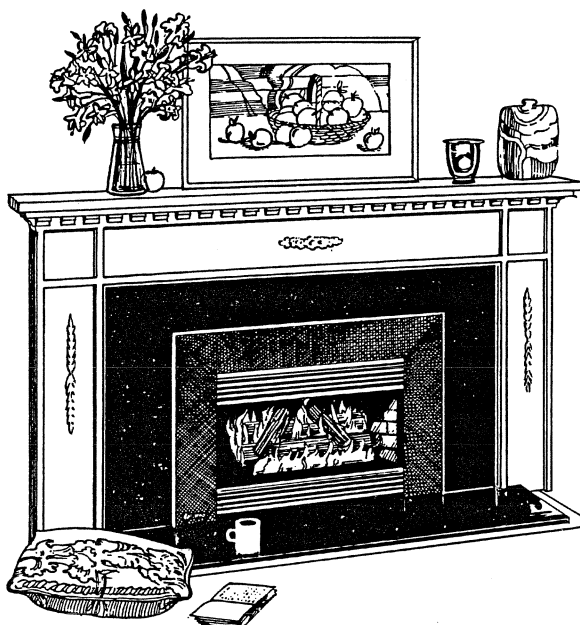


## INSTALLATION AND OPERATING INSTRUCTIONS

### Gas Fired Vented Room Heater

**MODEL U20-NG**  
**NATURAL GAS**

**MODEL U20-LP**  
**PROPANE GAS**



#### LISTINGS AND CODE APPROVALS

These gas appliances have been tested in accordance with National Safety Standards, and have been certified by Warnock Hersey for installation & operation as described in these Installation and Operating Instructions in the United States and Canada.

Check with your local building code agency before you begin your installation to ensure compliance with local codes, including the need for "permits" and follow-up inspections. If any problems are encountered regarding code approvals, or if you wish clarification of any of the instructions contained here, contact:

**FPI FIREPLACE PRODUCTS INTERNATIONAL LTD.**

Dealer \_\_\_\_\_

Installer \_\_\_\_\_

Phone No. \_\_\_\_\_

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

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

**Installer:** Please leave this manual with the customer

**Homeowner:** PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

#### WARNING

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Refer to this manual. For assistance or additional information consult a qualified installer, service agency or the gas supplier. Improper installation may also void your warranty.

#### FOR YOUR SAFETY

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

#### FOR YOUR SAFETY

##### What to do if you smell gas:

- Do not try to light any appliance
- Do not touch any electrical switch.
- Do not use any phone in your building.
- Immediately call a 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.**

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

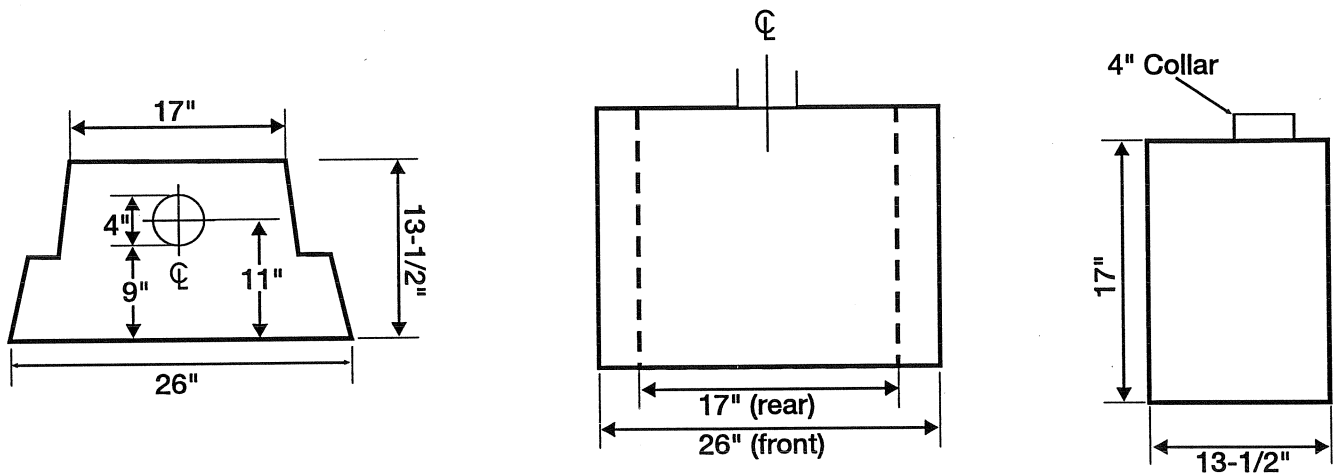
Tested by Warnock Hersey:



## CONGRATULATIONS !

You are the owner of a state-of-the-art Gas Insert by:  
**FIREPLACE PRODUCTS INTERNATIONAL LTD.**

The **Regency Gas Fireplace 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 U20-NG and U20-LP of this series have been approved by Warnock Hersey for safety. 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.



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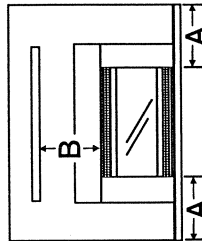
# SAFETY LABEL

This is a copy of the label that accompanies each Regency Gas Insert. We have printed a copy of the contents here for your review. The safety label is located on the front inside base of the unit visible when the bottom louver is open.

**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.*

*Please note that with the addition of thermostat control and outside combustion air supply, this unit is approved for bedroom installations.*

<b>WARNOCK HERSEY</b> 		<b>Listed: Gas Fired Vented Room Heater</b> Tested to: ANSI Z21.11.1a-1993, CAN 1-2.1-M86, ANSI Z21.50/CGA 2.22-M96, CGA CR89-001 Tested to: CGA 2.17-M91 Gas fired appliance for use at high altitude Certified for/Certifié pour: CANADA and U.S.A. Report No. 476-1428-00 (OCT 97)		Serial No./ No de Serie <div style="border: 1px solid black; padding: 5px; text-align: center;">WH - A</div>
<b>PROPANE GAS FIREPLACE INSERT: U20-LP</b> Minimum supply pressure 11.0" WC/C.E. (2.73 kpa) Manifold pressure high 10.0" WC/C.E. (2.49 kpa) Manifold pressure low 2.9" WC/C.E. (0.72 kpa) Orifice size 55 DMS Altitude 0-4500' (0-1372m)		<b>APPAREIL FONCTIONNANT AU PROPANE CONCU POUR ETRE INSERE DANS UN FOYER: U20-LP</b> Pression d'alimentation minimum Pression a la tubulure d'échappement élevée Pression a la tubulure d'échappement basse Grandeur de l'injecteur L'altitude		
<b>NATURAL GAS FIREPLACE INSERT: U20-NG</b> Minimum supply pressure 4.5" WC/C.E. (1.12 kpa) Manifold pressure high 3.5" WC/C.E. (0.87 kpa) Manifold pressure low 0.9" WC/C.E. (0.22 kpa) Orifice size 44 DMS Altitude 0-4500' (0-1372m)		<b>APPAREIL FONCTIONNANT AU NATURAL GAZ CONCU POUR ETRE INSERE DANS UN FOYER: U20-NG</b> Pression d'alimentation minimum Pression a la tubulure d'échappement élevée Pression a la tubulure d'échappement basse Grandeur de l'injecteur L'altitude		
<b>GAS FIRED VENTED ROOM HEATER</b> For installation into a vented non-combustible fireplace, listed factory built fireplace. <b>ELECTRICAL SUPPLY</b> 115V 60HZ less than/Moins de 2 AMP. Altitude maximum input 0-4500ft/pi (0-1372m) 21,000 BTUH (NG & LP) Altitude minimum input 0-4500ft/pi (0-1372m) 12,800 BTUH (NG) Altitude minimum input 0-4500ft/pi (0-1372m) 11,900 BTUH (LP) Output - Fan ON 16,500 BTUH (4.83 Kw/h) Output - Fan OFF 15,500 BTUH (4.54 Kw/h) <b>NOT FOR USE WITH SOLID FUEL</b>		<b>APPAREIL DECORATIF FONCTIONNANT AU GAZ, AVEC EVENT</b> Ne peut être installé que dans un foyer non combustible muni d'un event. <b>ALIMENTATION ELECTRIQUE:</b> Débit calorifique maximum selon l'altitude Débit calorifique minimum selon l'altitude Débit calorifique minimum selon l'altitude Débit Calorifique - Ventilateur en Marche BTU/h Débit Calorifique - Ventilateur Éteint BTU/h Ne doit pas être utilisé avec un combustible solide		
Model/Modele: U20-LP		Model/Modele: U20-NG		
DO NOT REMOVE THIS LABEL/ NE PAS ENLEVER CETTE ÉTIQUETTE				



Minimum Clearances to Combustibles:  
 Side of unit to wall:  
 A 9"/229mm  
 Top of unit to mantle:  
 B 14"/355mm

Dégagement Minimum Des Matériaux Combustibles:  
 Cote: A 9"/229mm  
 Au dessus: B 14"/355mm

908-854

MADE IN CANADA / FABRIQUE AU CANADA

Fireplace Products International Ltd., Delta, B.C., Canada



# INSTALLATION REQUIREMENTS

## IMPORTANT: SAVE THESE INSTRUCTIONS

The Regency Gas Fireplace must be installed in accordance with these instructions. Carefully read all the instructions in this manual first. Consult the "authority having jurisdiction" to determine the need for a permit prior to starting the installation. It is the responsibility of the installer to ensure this fireplace is installed in compliance with the manufacturer's instructions and all applicable codes.

## BEFORE YOU START

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

**INSTALLATION AND REPAIR SHOULD BE DONE BY A QUALIFIED 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 ROOM AS THE APPLIANCE.**

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

## GENERAL SAFETY INFORMATION

- 1) The appliance installation must conform with local codes or, in the absence of local codes, with the current Canadian or National Gas Codes, CAN1-B149 or ANSI Z223.1 Installation Codes.
- 2) The appliance when installed, must be electrically grounded in accordance with local codes, or in the absence of local codes with the current National Electrical Code, ANSI/NFPA 70 or CSA C22.1 Canadian Electrical Code.
- 3) See general construction and assembly instructions. The appliance and vent should be enclosed.
- 4) This appliance must be connected to the specified vent and termination cap to the outside of the building envelope. Never vent to another room or inside a building. Make sure that the vent is installed as per Venting instructions.
- 5) Inspect the venting system annually for blockage and any signs of deterioration.
- 6) This appliance may only be installed in a vented, solid fuel burning masonry or listed factory built fireplace.
- 7) Any safety glass removed for servicing must be replaced prior to operating the appliance.
- 8) To prevent injury, do not allow anyone who is unfamiliar with the operation to use the fireplace insert.
- 9) Wear gloves and safety glasses for protection while doing required maintenance.
- 10) Ensure adequate combustion and ventilation air.
- 11) Under no circumstances should this appliance be modified. Parts that have to be removed for servicing should be replaced prior to operating this appliance.
- 12) Installation and any repairs to this appliance should be done by a qualified service person. A professional service person should be called to inspect this appliance annually. Make it a practice to have all of your gas appliances checked annually.
- 13) Do not slam shut or strike the glass door.
- 14) Under no circumstances should any solid fuels (wood, paper, cardboard, coal, etc.) be used in this appliance.
- 15) The appliance area must be kept clear and free of combustible materials, (gases and other flammable vapours and liquids).
- 16) Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the electrical control system and any gas control which has been under water.

# INSTALLATION REQUIREMENTS

## GAS CONNECTION

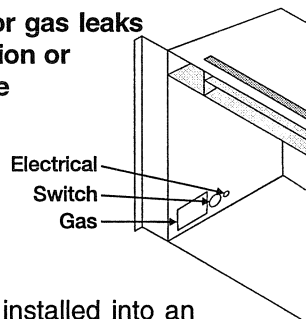
Only persons licensed to work with gas piping may make the necessary gas connections to this appliance.

The gas connection is a 3/8" NPT accessible on the left side of the unit. The gas line connection may be made of rigid pipe, copper pipe or an approved flex connector. (If you are using rigid pipe, ensure that the valve can be removed for servicing.) Since some municipalities have additional local codes it is always best to consult with your local authorities and the CAN/CGA B149 installation code. For USA installations follow local codes and/or the current National Fuel Gas Code, ANSI Z223.1.

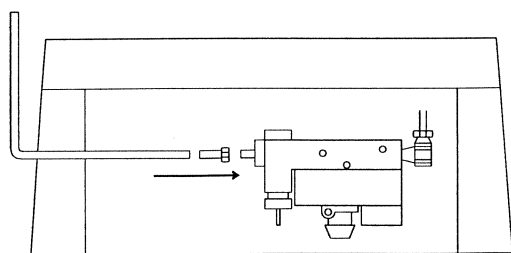
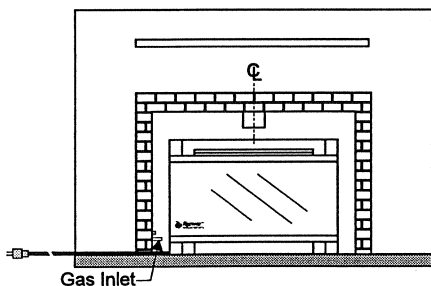
When using copper or flex connectors use only approved fittings. Always provide a union so that gas lines can be easily disconnected for burner or fan servicing. Flare nuts for copper lines and flex connectors are usually considered to meet this requirement.

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

For minimum and maximum supply pressure see the System Data table.



- 1) If the appliance is to be installed into an existing chimney system, thoroughly clean the masonry fireplace that has been chosen for the Regency Gas Fireplace.
- 2) The appliance is provided with an opening on the left hand side of the control compartment for the gas line.



Note: During any pressure testing of the gas supply piping system that exceeds test pressures of 1/2 psig, this appliance and its individual shut-off valve must be disconnected from the piping system. If test pressures equal to or less than 1/2 psig are used then this appliance must be isolated from the piping system by closing its individual manual shut-off valve during the testing.

**CAUTION: If the glass is removed for servicing, it must be replaced prior to operating the appliance. The glass must be fixed in the closed position when operating.**

### System Data

**For 0 to 4500 feet altitude**

**Burner Inlet Orifice Sizes:**

Burner	Natural Gas	Propane
	#44	#55

**Max. Input Rating** - Natural Gas 21,000 btu/h  
- Propane 21,000 btu/h

**Min. Input Rating** - Natural Gas +/-5% 12,800 btu/h  
- Propane +/-5% 11,900 btu/h

**Output Capacity with blower On**

Natural Gas	16,500 btu/hr
Propane	16,500 btu/hr

**Output Capacity with blower Off**

Natural Gas	15,500 btu/hr
Propane	15,500 btu/hr

**Supply Pressure** Natural Gas min. 5.0" w.c.  
Propane min. 11.0" w.c.

**Manifold Pressure (High)**

Natural Gas	3.5" +/- 0.2" w.c.
Propane	10" +/- 0.2" w.c.

**Circulation Fan:** 115 VAC, 60 Hz

**Variable Speed:** 127 CFM, thermally activated

**Note: Output capacity:**

*The efficiency rating of the appliance is a product thermal efficiency rating determined under continuous operating conditions and was determined independently of any installed system.*

## HIGH ELEVATION

This unit is approved in Canada for altitude 0 to 4500 ft. (CAN/CGA 2.17-M91) with the orifice supplied.

# INSTALLATION REQUIREMENTS

## CLEARANCES

### Minimum Fireplace Clearances

Diagram 1 shows the minimum fireplace opening required to be able to install the Regency gas fireplace insert.

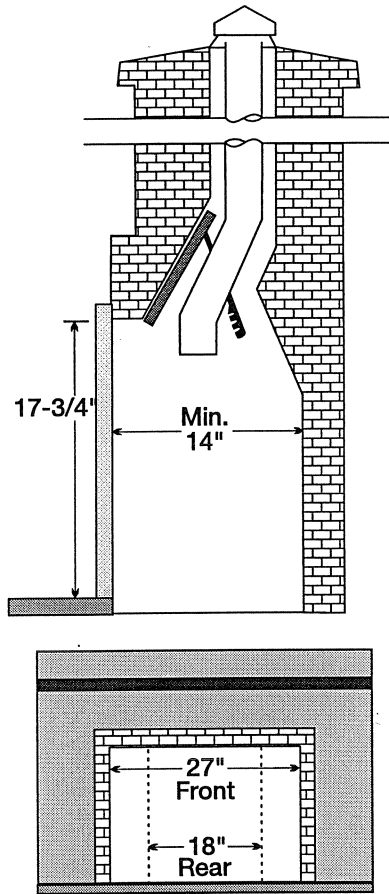


Diagram 1

### Clearances to Combustibles

The minimum clearance from the side of the appliance to a combustible side wall is 9 inches. The minimum clearance from the top of the louver to a combustible mantel is 14 inches. The minimum height from the top of the louver to the ceiling is 6 feet. See diagram 2.

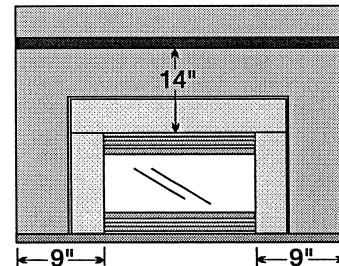
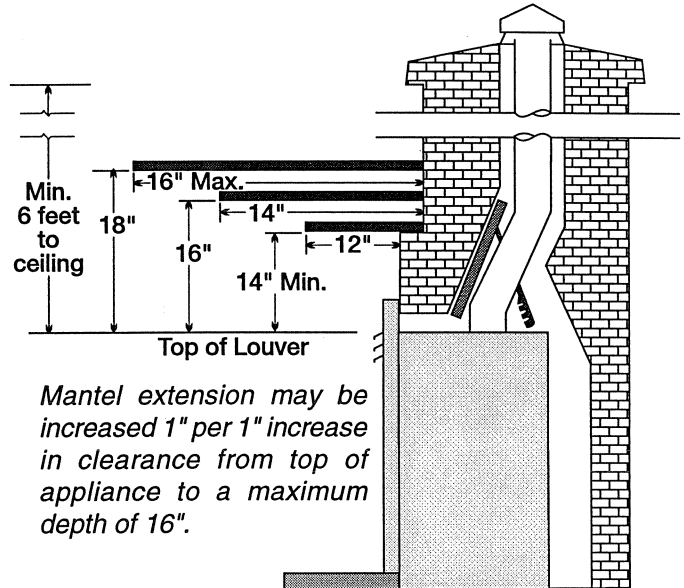


Diagram 2

## POLICY FOR FACTORY BUILT FIREPLACES

The Regency U20 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. For installations into Factory Built and zero clearance type fireplaces, it may be necessary to remove the damper plate and/or the refractory liners at the sides and back. Removal of the smoke shelf baffle may also be necessary in some cases. If any part is removed it must not weaken the structural integrity of the factory built.

Note: In the event of the latter installation, supplied warning label must be attached to the back wall of the Factory Built Fireplace.

**"WARNING - THIS FIREPLACE MUST ONLY BE OPERATED WITH A GAS INSERT - REMOVAL OF THE INSERT AND USE WITH SOLID FUEL IS PROHIBITED AND MAY CAUSE A FIRE HAZARD".**

Replacement parts include: firebricks, smoke shield, flue damper, glass doors and firescreens.

# INSTALLATION REQUIREMENTS

## ELECTRICAL POWER REQUIREMENTS

*Note: Fan assembly is an option*

### Standing Pilot Units (U20-NG, U20-LP)

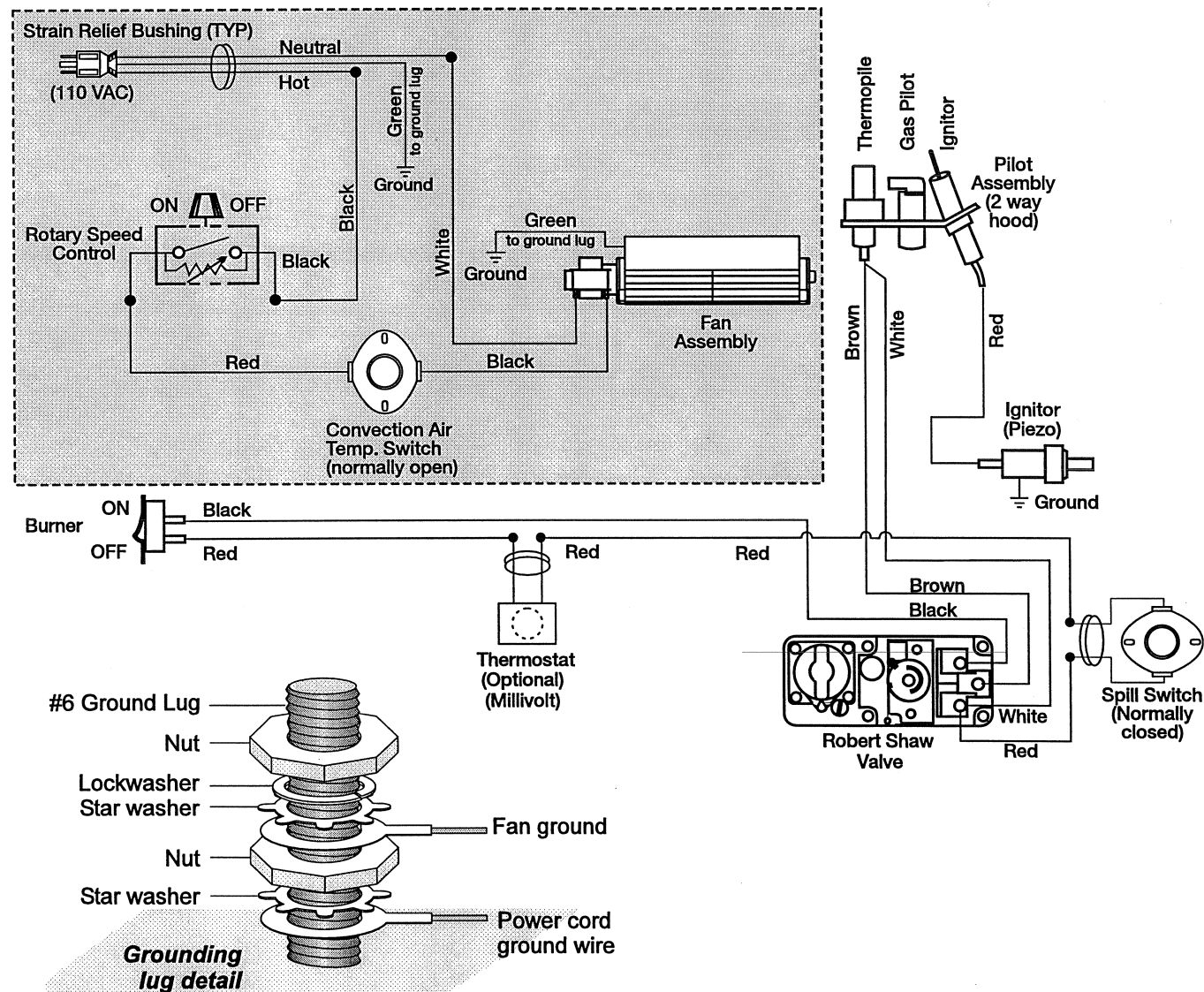
115 Volt, 60 HZ, less than 2 amps.

No electrical power supply is required for the gas control to operate. A 115 Volt AC power cord is hooked up to the fan switch and blower. Operation of this fan increases the heat output of the appliance. Plug 3 wire cord into a suitable receptacle. **Do not cut the round ground terminal off plug under any circumstances.**

When connected with 115 volts, the appliance must be electrically grounded in accordance with local codes or, in the absence of local codes the current CSA C22.1 (in Canada) or with the National Electrical Code ANSI/NFPA 70-1987 (in USA).

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

**Wiring Diagram for the U20-NG and U20-LP**



# INSTALLATION REQUIREMENTS

## OPTION 1 REMOTE WALL SWITCH

Can be used with Option 2 or 3 but not both.

**Note:** We recommend a maximum of 15' of wire but if you wish to go with a longer run, use the Thermostat Wire Table.

### CAUTION

Do not wire millivolt remote wall switch for gas appliance to a 115V power supply.

## OPTION 3 WALL THERMOSTAT

Can be used with Option 1 or 2 but not both.

A wall thermostat may be installed if desired.

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

Regency offers a programmable thermostat but any CSA, UCL or UL approved millivolt thermostat, 250-750 millivolt rated non-anticipator type thermostat may be used.

## OPTION 2 REMOTE CONTROL

Can be used with Option 1 or 3 but not both.

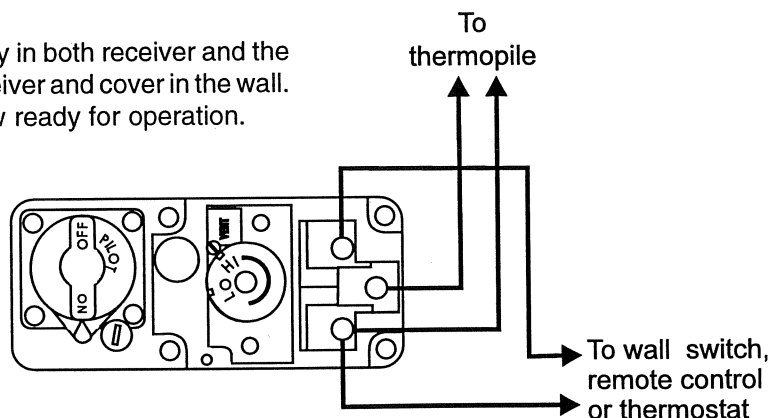
Use the Regency Remote Control Kit (Part # 846-953) approved for this unit. Use of other systems may void your warranty.

The remote control kit comes with a hand held transmitter, a receiver and a wall mounting plate.

- 1) Choose a convenient location on the wall to install the receiver and the receptacle box (protection from extreme heat is very important). Run wires from the fireplace to that location. Use Thermostat Wire Table.
- 2) Connect the two wires to the gas valve. See diagram below.
- 3) Install a 9V alkaline battery in both receiver and the transmitter. Install the receiver and cover in the wall. The remote control is now ready for operation.

## Thermostat Wire Table

Recommended max lead length (two wire) when using wall thermostat (CP-2 system) or remote control	
Wire size	Max. length
14 GA.	50 Ft.
16 GA.	32 Ft.
18 GA.	20 Ft.
20 GA.	12 Ft.
22 GA.	9 Ft.



# INSTALLATION INSTRUCTIONS

## INSTALLATION SEQUENCE

The Regency Gas Insert is installed in the steps as listed below. Detailed instructions for each step follow.

- 1) Remove the top and bottom gold glass trim and glass from the unit.
- 2) Install the insert box, install and make vent and gas connections.
- 3) Install the bottom louver.
- 4) Optional: Install the brick panels.
- 5) Install the 4 logs, embers and rockwool.
- 6) Assemble and install the faceplate and trim.
- 7) Replace glass and top and bottom gold glass trim.
- 8) Install top louver.
- 9) **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 at 15 minutes 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.

**Note:** Install warning plate if fireplace has been altered.

## VENTING

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

This appliance is designed to attach to a 4" diameter type B-Vent or double thickness approved aluminium flex liner.

The flue collar of the appliance will fit inside a standard vent and may be fastened directly to the vent by sheet metal screw or a B-Vent, single wall vent connector.

B-Vent chimneys require a 1" clearance to combustibles.

A 3" diameter type B-Vent or approved aluminium flex liner may also be used with a 4" to 3" reducing adapter. Consult venting charts and local code requirements.

The Regency Insert incorporates its own internal draft hood, so no additional external draft hood is required. Check periodically that the vent is unrestricted and an adequate draft is present when the unit is in operation.

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

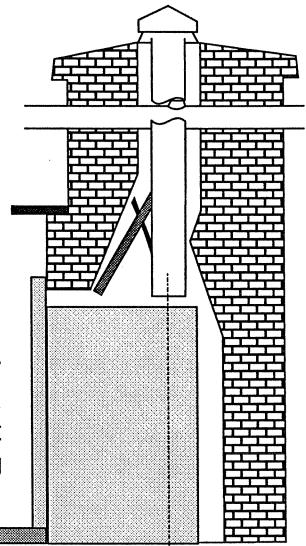
The appliance is equipped with a vent safety shutoff system and a safety control system designed to protect against improper venting of combustion products. The appliance will not function without being connected to a proper system.

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

This appliance must not be connected to a chimney flue serving a separate solid fuel burning appliance.

For best venting performance, we **recommend** the following venting rules:

- 1) Use only certified Type B gas vent or approved flex liner.
- 2) Follow the vent manufacturer's instructions and clearance requirements.
- 3) Observe any local code restrictions, if any, regarding the installation of gas inserts.
- 4) Use as few elbows as possible.
- 5) Keep horizontal lengths as short as possible and maintain at least an upward slope of 1/4 in. (6.4mm) for every 12 in. (305mm) of horizontal run.
- 6) Terminate the vent with a suitable certified vent cap.



# INSTALLATION INSTRUCTIONS

## 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.

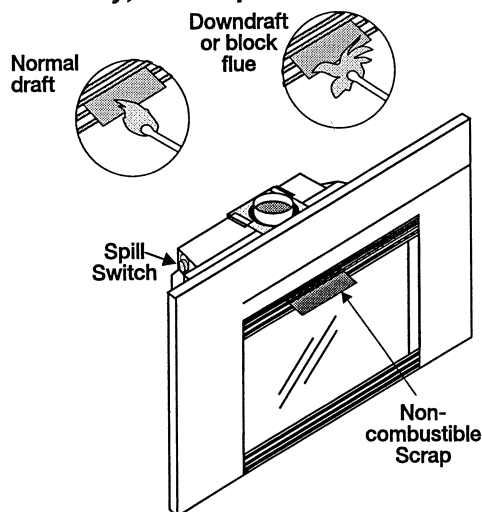
Air for combustion is drawn in through the front of the unit, therefore, the front of the unit must be kept clear of any obstructions.

## TEST FOR FLUE SPILLAGE

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

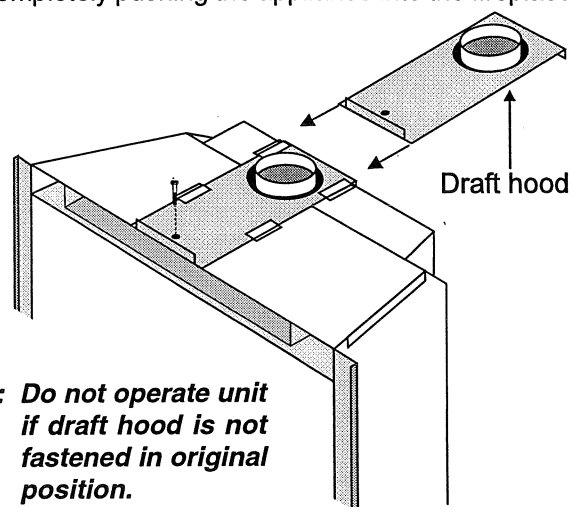
- 1) Close all external doors and windows in the house.
- 2) Light the unit and set controls to maximum. Turn fan to OFF on unit.
- 3) After five minutes, test that there is a "pull" on the flue by placing a smoking match, cigarette or similar device which gives off smoke, in front of the upper part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

**Note:** The smoke should be drawn into the louver. If the smoke is still not drawn in, turn the unit off and check for the cause of the lack of draft. If necessary, seek expert advice.



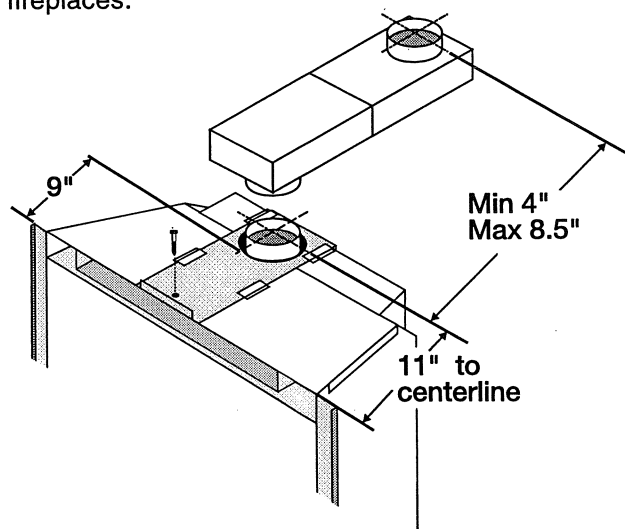
## DRAFT HOOD INSTALLATION

- 1) Remove the screw holding the draft hood plate to the appliance.
- 2) Slide the plate out and attach to the flue liner inside the fireplace to the flue collar with three sheet metal screws.
- 3) Place the appliance on the hearth. Push the appliance into the fireplace and at the same time slide the plate back onto the appliance.
- 4) Replace the screw holding the plate just before completely pushing the appliance into the fireplace.



## FLUE EXTENDER KIT

A flue extender kit is available as an accessory to move the flue outlet back for easier liner installations in deep fireplaces.

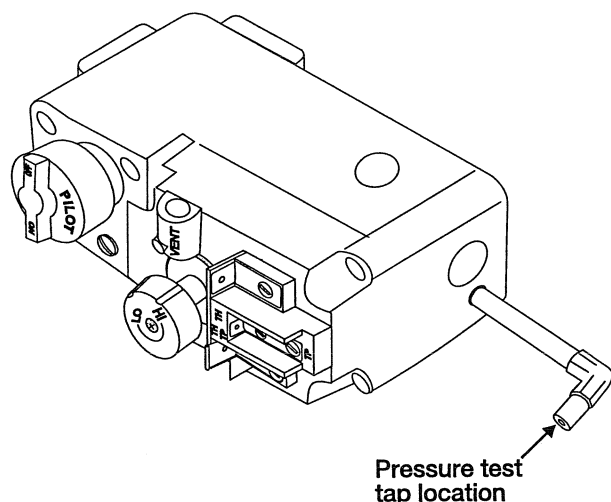


# INSTALLATION INSTRUCTIONS

## GAS PRESSURE TEST

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

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

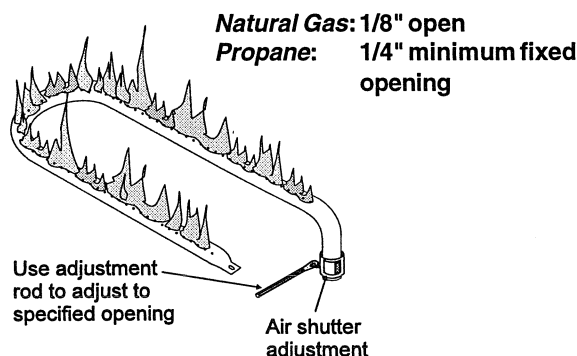


- 1) Make sure the valve is in the OFF position.
- 2) Loosen the screw at the outlet pressure test point, turn captured screw counterclockwise 2 or 3 turns and then place tubing to gauge over test point.
- 3) Attach tubing to a manometer using a 5/16" I.D. hose.
- 4) Light the pilot and turn the valve 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 the manometer, turn off the gas valve, disconnect the hose and tighten the screw (clockwise) with a 1/8" wide screwdriver closing torque: 9 in. lbs.

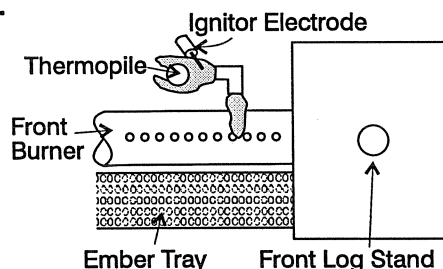
**Note:** Use the same manner to check the inlet pressure.

## AERATION SYSTEM

The aeration adjustment rod is attached to the air shutter on the burner. The rod is used to adjust the aeration. Push the rod in for a blue flame, or pull out on the rod for a more yellow flame. Open bottom louver to access the rod. The burner aeration is factory set at the minimum fixed opening but may need adjusting due to either the local gas supply or altitude. This adjustment is performed by the installer and is primarily used in installations at high elevations. **Caution:** Carbon will be produced if air shutter is forced closed less than the minimum factory setting.

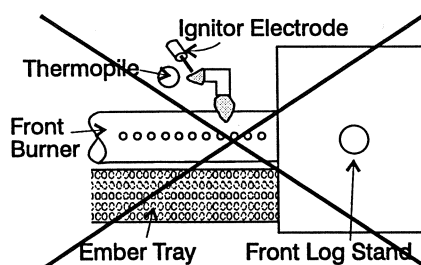


**Correct flame pattern has two strong blue flames: 1 flowing around the thermopile and 1 reaching towards the front burner (it does not have to be touching the burner).**



**Top View of pilot flame**

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



**Top View of pilot flame**

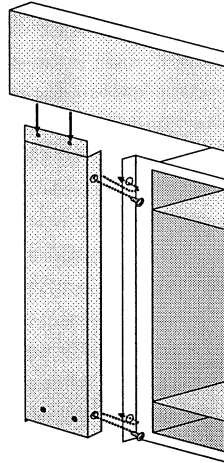


# INSTALLATION INSTRUCTIONS

## FACEPLATE & TRIM INSTALLATION

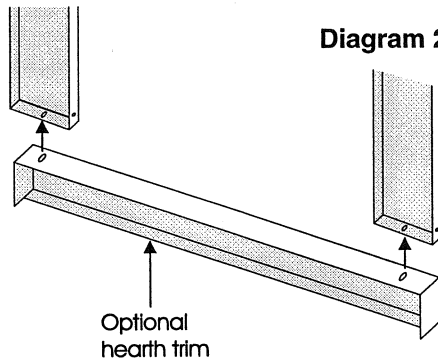
- 1) Slide the top panel onto the side panels. See diagram 1.
- 2) Attach the two side panels to the insert body with 4 screws (2 per side). See diagrams 1.

Diagram 1



**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. Lay the faceplate side panels flat, facedown on something soft so they don't scratch. Attach the Hearth Trim to the bottom of the faceplate side panels with the screws provided. See Diagram 2. Now attach the assembled pieces to the insert body.*

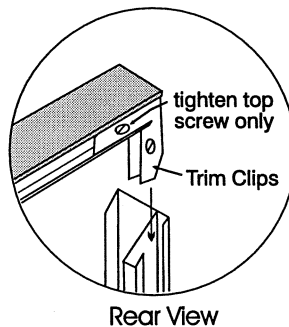
Diagram 2



Optional  
hearth trim

- 3) Tighten only the top trim clips so it may slide on to the side trim. See diagram 3. Do not put top trim on yet.

Diagram 3



Rear View

- 4) Place the left and right brass trim on the faceplate panels, loosely aligning the wire connections from the switches with the notch on the left side panel.

**Note:** Pull unit out approximately 3 to 4 inches for easy installation of wires for valve and fan.

- 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 female wire connectors from the fan speed control. See diagram 4.
- 6) Connect the ON/OFF switch wires by taking the black and red wires with the female ends and connect them to the ON/OFF switch.

- 7) 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 4.

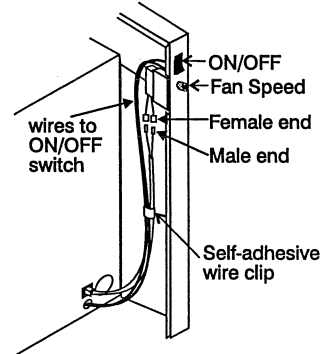


Diagram 4

- 8) The power cord should be run behind the faceplate panel.
- 9) Place top trim onto the two side trim pieces. See diagram 5.
- 10) 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. See Diagram 5.
- 11) Snap the Regency logo plate into the two holes in the bottom left corner of the faceplate. See diagram 5.

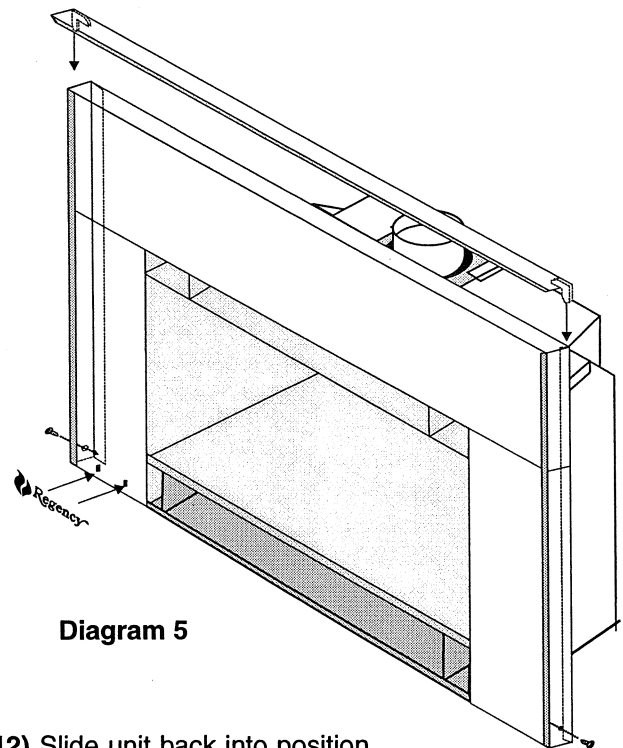


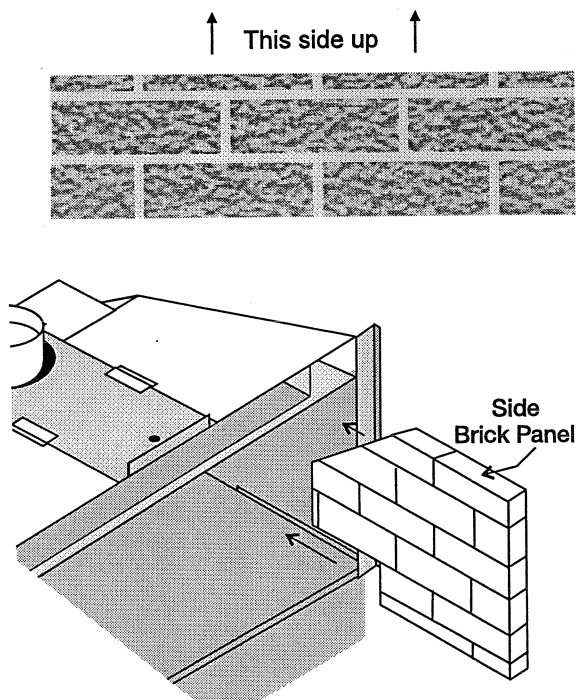
Diagram 5

- 12) Slide unit back into position.

# INSTALLATION INSTRUCTIONS

## OPTIONAL BRICK PANEL

- 1) Unwrap the brick pattern panels from the protective wrapping.
- 2) With the glass removed, position the back panel first (see diagram for correct positioning), then the two side panels. Slide the side brick panel into place from the front of the firebox, there is a tab at the top of the unit to hold the side panels in place.



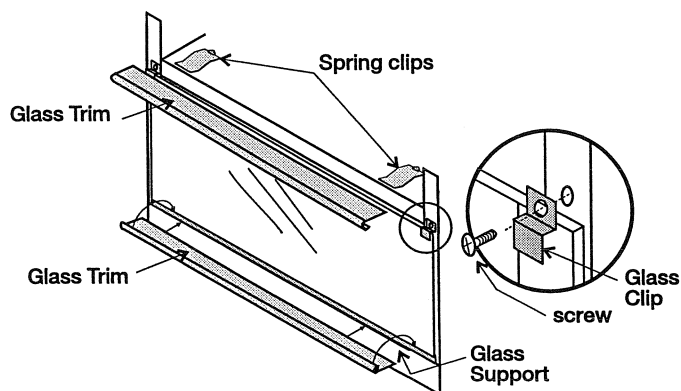
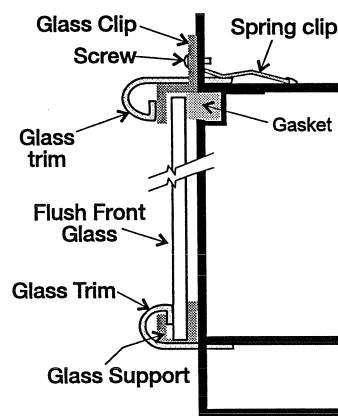
- 3) The brick panels should be tight against the firebox sides and back. The side panels should be flush with the glass.

**Note:** Use caution when sliding side panels in as they can easily be scratched by the brick panel tabs.

## FLUSH GLASS

- 1) Remove the top louver.
- 2) Remove the bottom glass trim by lifting it up from its seat on the glass support.
- 3) Remove the top glass trim by sliding it out from under the two spring clips.
- 4) Unscrew the 2 philips head screws holding the glass clips on (be sure to support the glass while doing this as it will fall) and lift out of bottom glass support.

**Note:** To re-install the glass, reverse the procedure.



### **WARNING**

**The use of substitute glass will void all product warranties.**

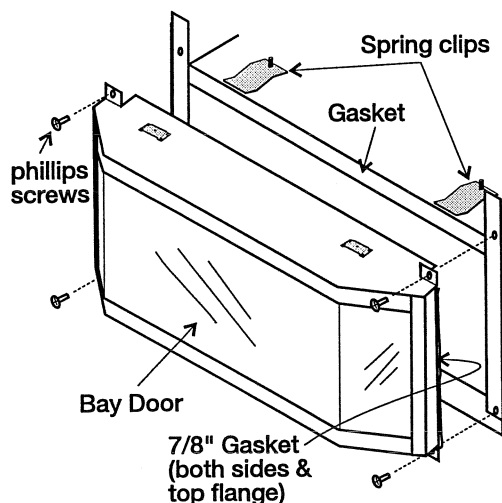
**Do not operate the appliance if the glass panel(s) are removed, cracked or broken. Replacement of the glass panel(s) should be done by a qualified service person.**

# INSTALLATION INSTRUCTIONS

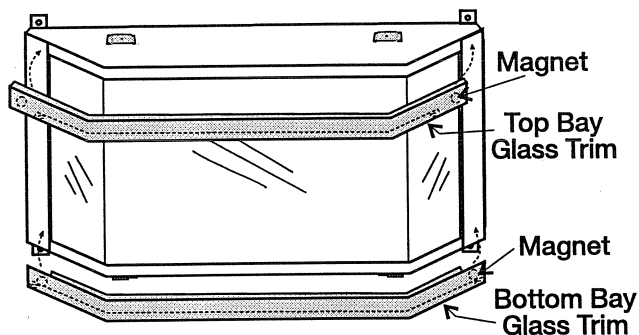
## BAY FRONT

(Optional Part # 530-915)

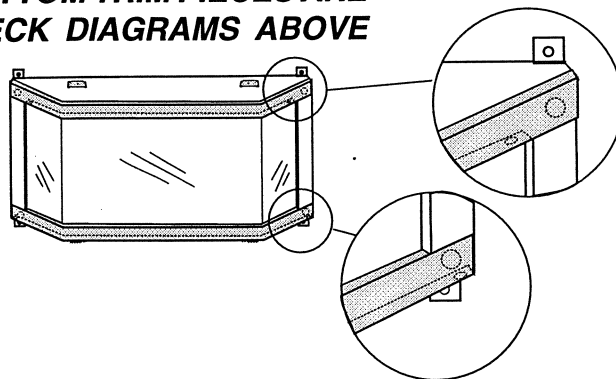
- 1) Place the bay door on the unit sliding over the gasket and under the 2 spring clips.
- 2) Install the 4 phillips head screws.



- 3) Position 2 magnets on the back of each trim piece close to the ends. Place the top and bottom trim pieces on the bay front.
- 4) Install top and bottom louvers. See page 16 for installation instructions.



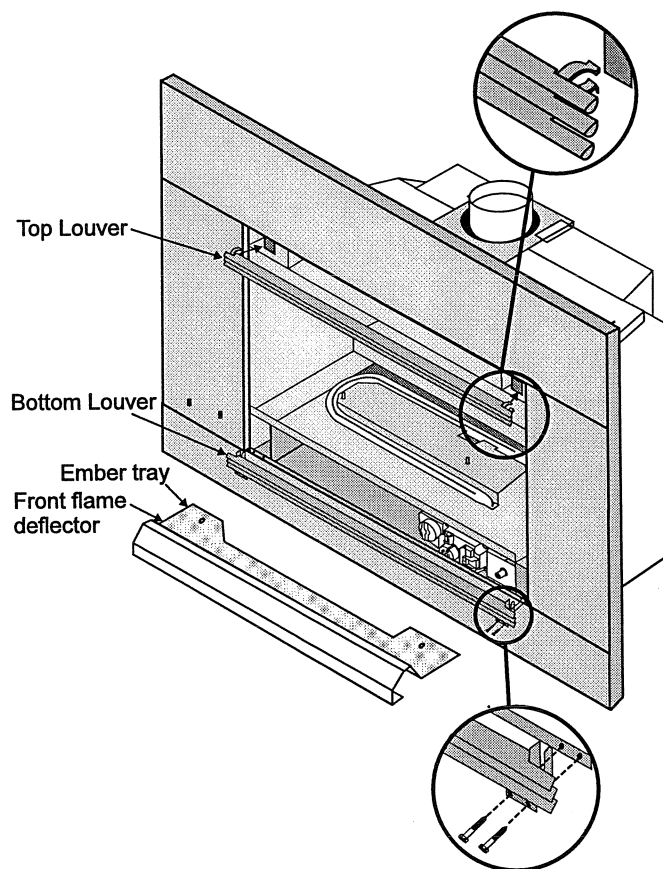
**THE TOP AND BOTTOM TRIM PIECES ARE DIFFERENT, CHECK DIAGRAMS ABOVE AND BELOW.**



## FLUSH LOUVERS

The top louver is held in place by spring clips. Push into place as per diagram..

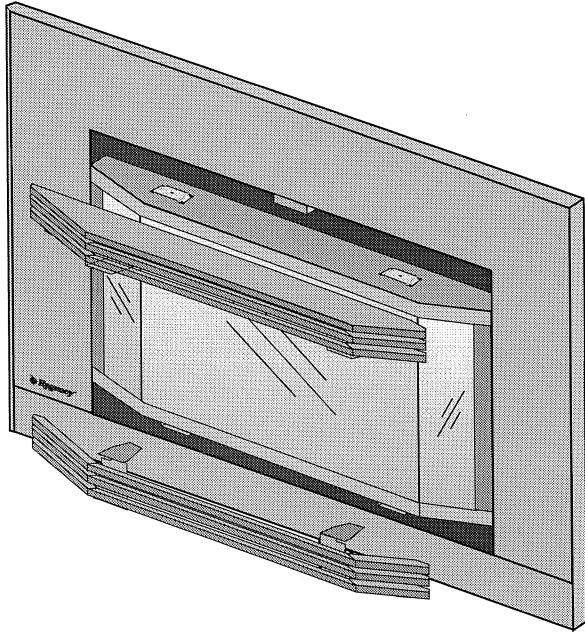
Lay the bottom louver flat and position the holes in the hinges over the holes in the base of the insert. Fasten with the 4 screws that are supplied with the louvers (2 per hinge). See diagram.



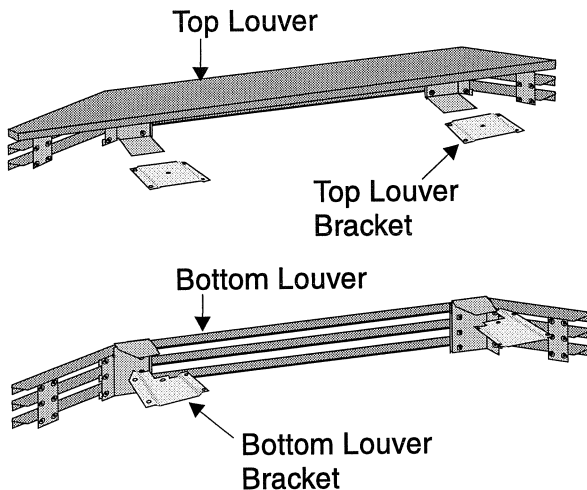
# INSTALLATION INSTRUCTIONS

## BAY LOUVERS

- 1) Install top louver by sliding the two bracket clips into the brackets located on top of the bay door. See below. The fitted louver leaves a small gap between faceplate bottom and louver top.



**Note:** Top and bottom louvers and brackets are different. See diagram below.



- 2) Install bottom louver by sliding the two bracket clips into the brackets located underneath the bay door.

## LOG AND EMBER INSTALLATION

**WARNING:** Dangerous operating conditions may occur if these logs are not positioned in their proper locations. Read the following instructions carefully and refer to the attached diagram.

### Set of 4 logs: (# 530-949)

Rear Log: 3" diameter by 18" long (# 902-133)

Front Log: 2-3/4" diameter by 19-3/4" long (# 902-137)

2 Cross Logs: 2" diameter by 8" long (# 902-182)

1 Bag of embers (#902-151)

1 Bag of rock wool (#902-153)

- 1) Place the larger diameter log (without any knots), #902-208, in the back of the unit, aligning the holes on the underside of the log with the log pins in the rear of the unit. Carefully push the log down onto the pins.
- 2) Place the smaller diameter log (#902-137) on the front log supports with the knot in the front. Align the holes in the bottom of the log with the pins on the supports. Make sure the log is sitting flat on the log supports.
- 3) Place the two cross logs #902-182 on the cutouts on the front and rear logs. See diagram 1.

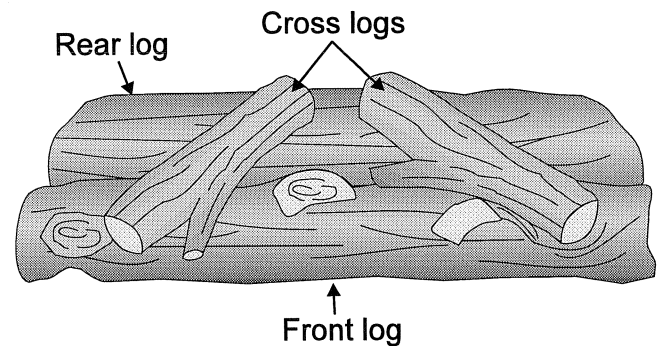


Diagram 1

- 4) Distribute the embers along the mesh ember tray and along the sides of the unit, see diagram 2, **but do not cover the burner ports**. (Burner ports are the little holes on the top of the burner tube.) See diagrams 2 and 3.

### - WARNING -

**Do not add any material to the appliance, which will come in contact with the flames, other than that which was supplied by the manufacturer with the appliance.**

# INSTALLATION INSTRUCTIONS

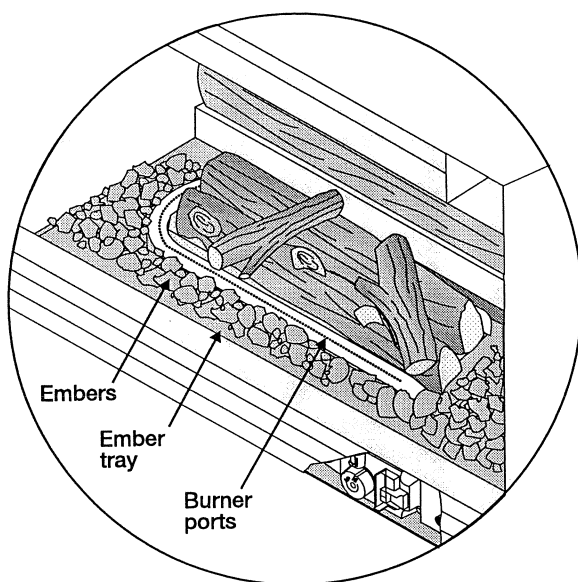


Diagram 2

- 5) Pull off ember size pieces from the rock wool. **Very gently** bridge the pieces over the front burner from embers in the tray to the front log. See diagram 5. **Do not put the rock wool directly on the burner.** See diagrams 3 and 4.
- 6) Before putting the glass back on turn the unit ON as per manual. Watch the flame to see if it flows smoothly around from one end to the other. (***Use Extreme Caution and ensure proper light off of the burner***)
- 7) **If the flame hesitated at any point**, check that area and see if there is an ember or rock wool blocking the burner ports. If so, move it off of the burner port and check the flame flow again.
- 8) Replace glass and louvers as per manual.

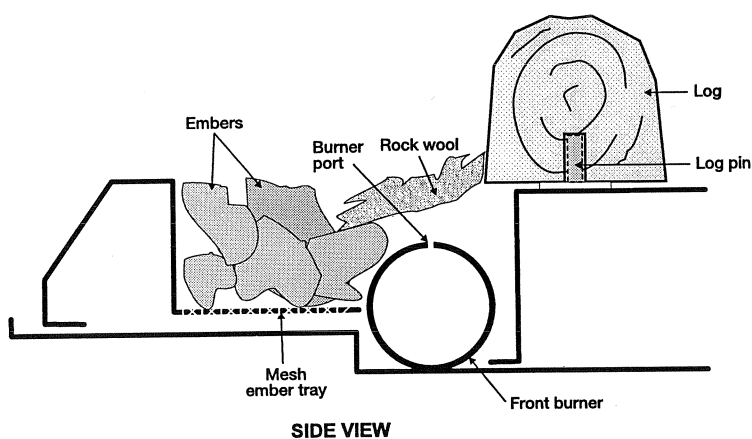


Diagram 3

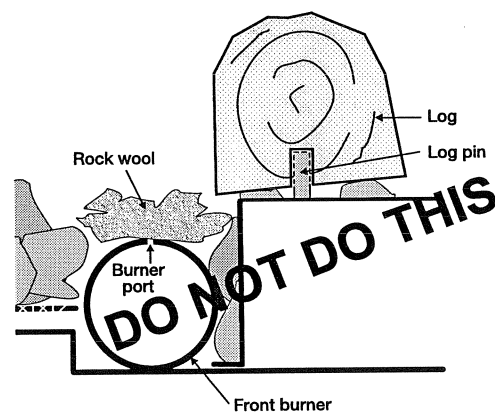
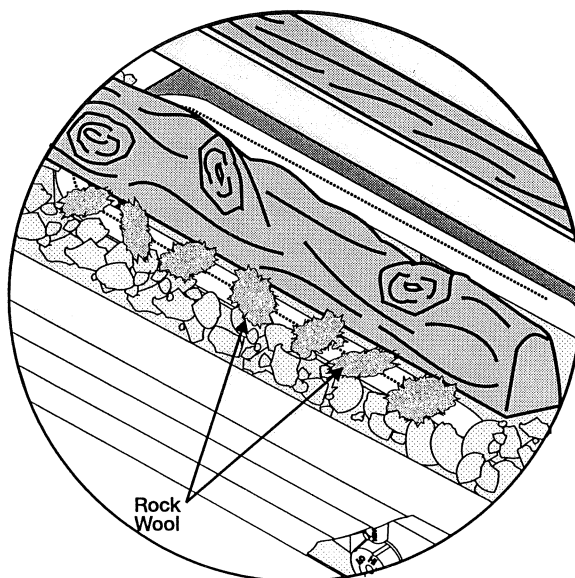


Diagram 4

Diagram 5



# OPERATING INSTRUCTIONS

## COPY OF LIGHTING PLATE INSTRUCTIONS

### FOR YOUR SAFETY READ BEFORE LIGHTING




This appliance must be installed in accordance with local codes, if any; if not, follow the current CAN1-B149/ANSI Z223.1-1980

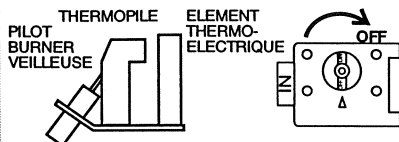
**WARNING:** If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner's information manual provided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

- A) This appliance has a pilot which must be lighted by hand. When lighting the pilot, follow these instructions exactly.
- B) BEFORE LIGHTING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor.
- WHAT TO DO IF YOU SMELL GAS
- Do not try to light any appliance
  - Do not touch any electric switch, do not use any phone in your building
  - 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) Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.
- D) Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and to replace any part of the control system and any gas control which has been under water.
- This appliance needs fresh air for safe operation and must be installed so there are provisions for adequate combustion and ventilation air.

**CAUTION:** Hot while in operation. Do not touch. Due to high surface temperatures keep children, clothing and furniture, away. Keep burner and control compartment clean. See installation and operating instructions accompanying appliance.

### LIGHTING INSTRUCTIONS

- STOP!** Read the safety information above 4) Push in control knob all the way and hold in. Continually push and release the red 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 it goes out, repeat steps 1) to 4). If knob does not pop up when released, stop and immediately call your service technician or gas supplier. 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.
- 1) Push in gas control knob slightly and turn clockwise  to "OFF". Knob cannot be turned from "PILOT" to "OFF" unless knob is pushed in slightly. Do not force.
- 2) Wait five (5) minutes to clear out any gas. If you then smell gas STOP! follow "B" in the safety information above on this label. If you don't smell gas, go to the next step.
- 3) Turn knob on gas control counterclockwise  to "PILOT".
- 5) Turn gas control knob counterclockwise  to "ON".
- 6) Use rocker switch to operate main burner.



### TO TURN OFF GAS APPLIANCE

- 1) Push in the gas control knob slightly and turn clockwise  to "OFF". Do not force.
- 2) Turn off all electric power to the appliance if service is to be performed.

**DO NOT REMOVE THIS INSTRUCTION PLATE**

908-497

# OPERATING INSTRUCTIONS

## OPERATING INSTRUCTIONS

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

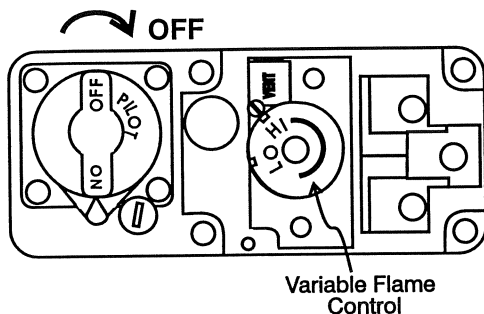
- 1) **Read and understand these Instructions before operating this appliance.**
- 2) Check to see that all wiring is correct and enclosed to prevent possible shock.
- 3) **Check to ensure there are no gas leaks.**
- 4) Make sure the glass door is in place. **Never operate the appliance with the door 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.

**DO NOT BURN THE APPLIANCE WITH THE GLASS ASSEMBLY REMOVED.**

## LIGHTING PROCEDURE

**IMPORTANT: Gas cock knob cannot be turned from "PILOT" to "OFF" unless it is partially depressed.**

- 1) Open the bottom louver assembly
- 2) If the control knob is in the "OFF" position proceed to Step 5.



- 3) Push in gas control knob slightly and turn clockwise to "OFF". Knob cannot be turned from "PILOT" to "OFF" unless knob is pushed in slightly. Do not force.
- 4) Wait five minutes to allow gas, that may have accumulated in the main burner compartment, to escape. If you do smell gas, follow the instructions on the front of this manual. If you don't smell gas continue on to the next step.
- 5) Turn the gas control counter clockwise to "PILOT".
- 6) Push in control knob all the way and hold in. Continually push and release the red button on spark igniter until pilot lights. Continue to hold the control knob in for approximately one minute, then release the gas control knob. The pilot flame should continue to burn. If the pilot does not remain lit, repeat operation allowing a longer period before releasing gas control knob.
- 7) Turn gas control knob counter clockwise to "ON".
- 8) Use the rocker switch to operate main burner.
- 9) Rotate the variable flame control to adjust the flame height higher or lower.
- 10) Close the bottom louver assembly.

## SHUTDOWN PROCEDURE

- 1) Use the rocker switch to turn off the main burner.
- 2) Open the bottom louver assembly.
- 3) Push in the gas control knob slightly and turn clockwise to "OFF". Do not force.
- 4) **Disconnect all electric power and gas to the appliance if service is to be performed.**

# SERVICE

## REMOVING VALVE ASSEMBLY

- 1) Disconnect the power.
- 2) Shut off the gas.
- 3) Remove top and bottom louvers.
- 4) Remove top and bottom gold trim.
- 5) Remove glass (see pages 14 and 15).
- 6) Remove 4 logs, embers, rockwool and brick panels.

- 7) Disconnect the gas line.
- 8) Remove wires from valve (top and bottom terminals).
- 9) Remove 10 screws as indicated in diagram 1.
- 10) Remove burner tray from unit.
- 11) Remove valve assembly from stove body by removing 3 phillips screws. See diagram 2.
- 12) Reverse steps to install valve.

Diagram 1

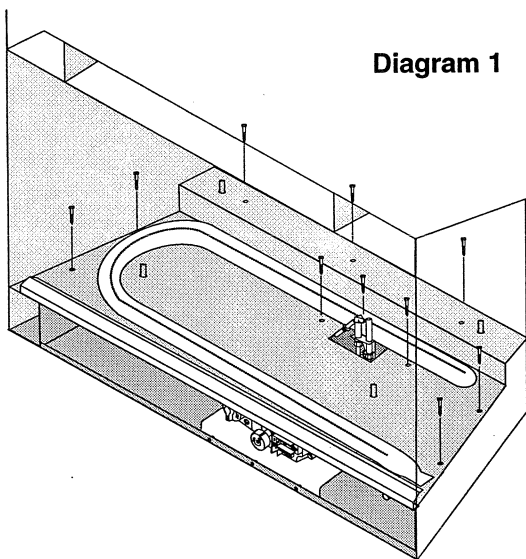
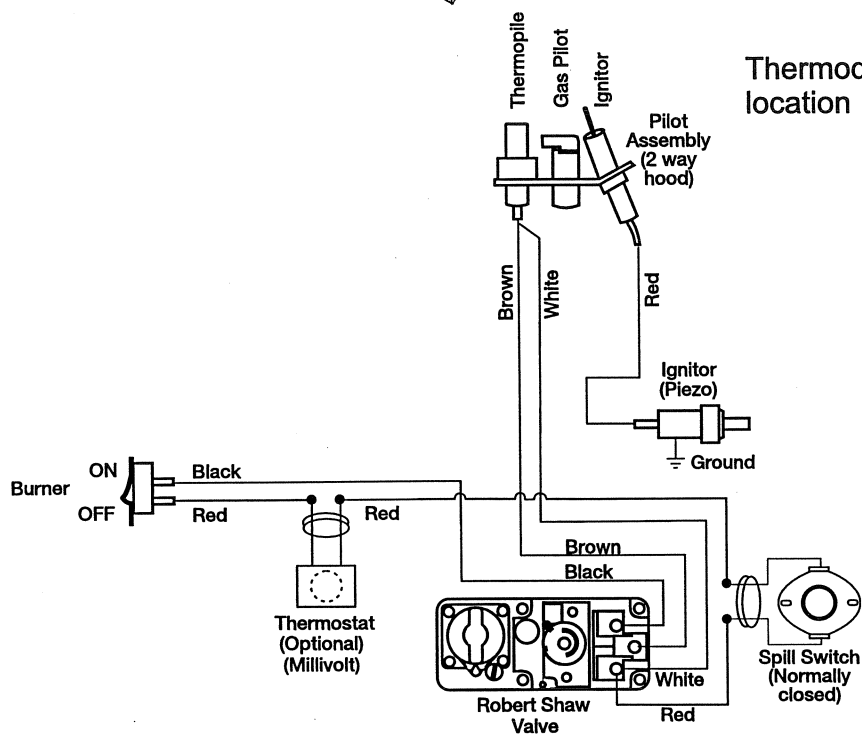
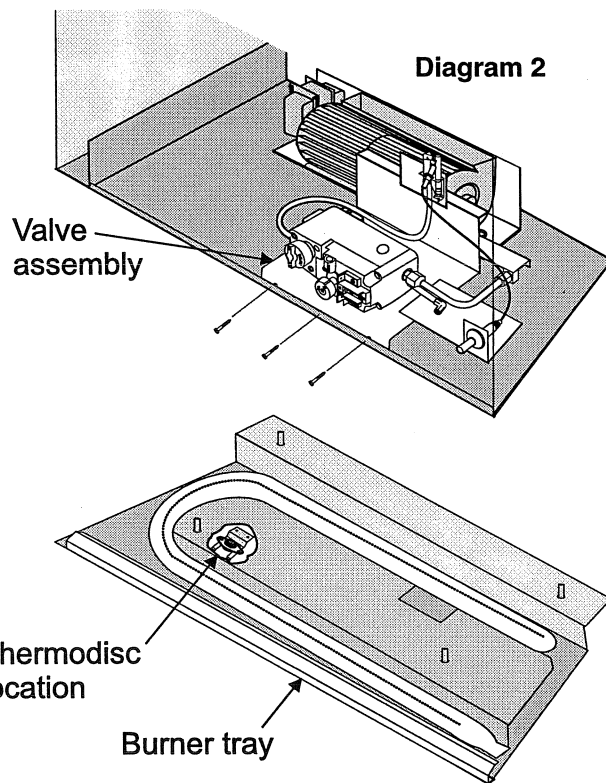


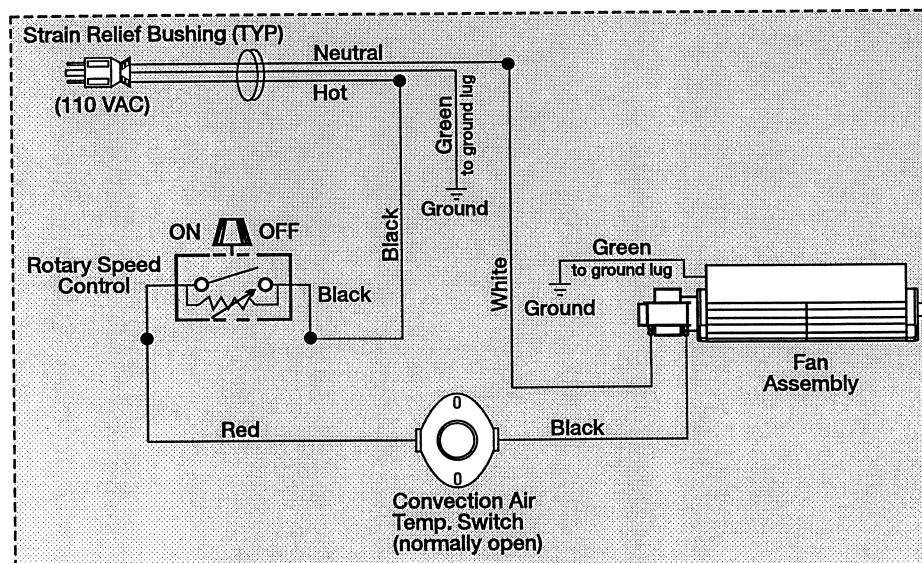
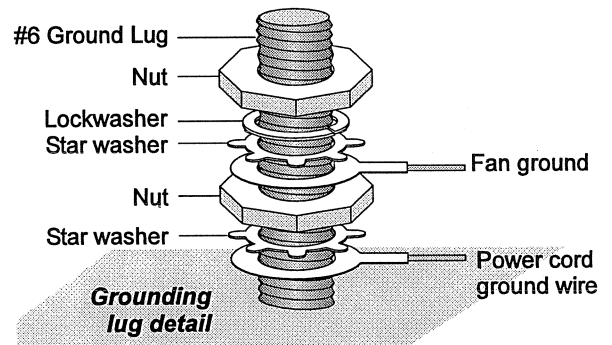
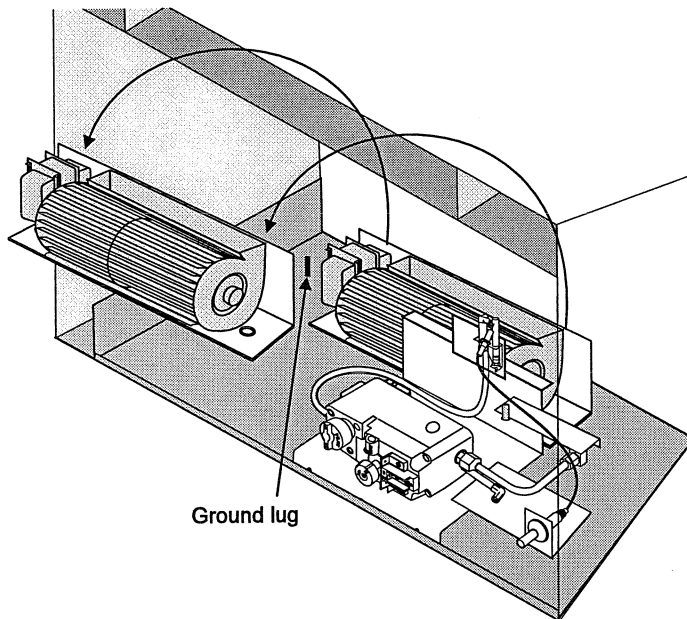
Diagram 2





## REMOVING THE FAN

- 1) Disconnect the power.
- 2) Shut off the gas.
- 3) Remove top and bottom louvers.
- 4) Remove top and bottom gold trim.
- 5) Remove glass (see pages 14 and 15).
- 6) Remove 4 logs, embers, rockwool and brick panels.
- 7) Remove 10 screws from burner tray. See page 20, diagram 1.
- 8) Remove burner tray from unit.
- 9) Remove wires from fan.
- 10) Lift the fan off the locating studs and remove.
- 11) Reverse steps to install fan.



# PARTS LIST

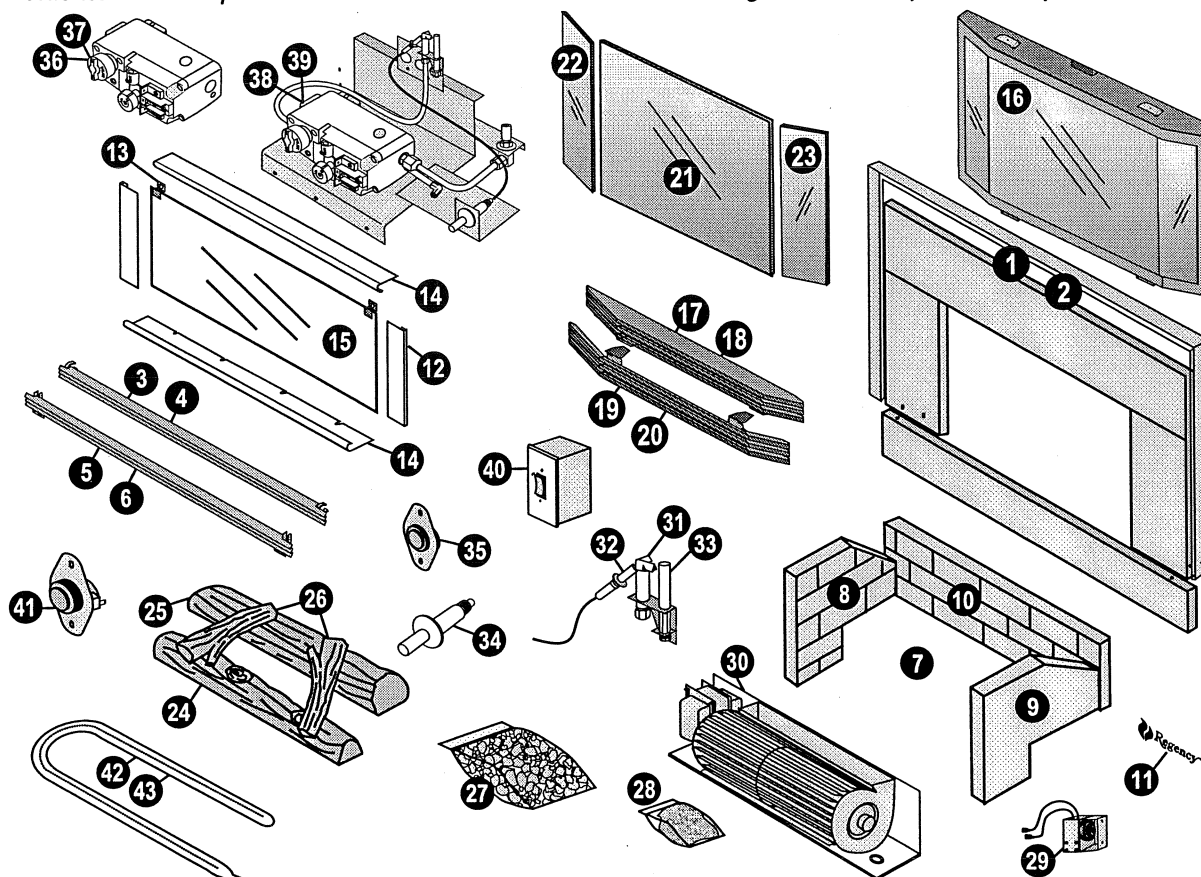
## REPLACEMENT PARTS LIST

PART #	PART NAME	PART #	PART NAME
1) 530-924	* Faceplate complete with Trim Regular/black (26 x 40-1/4")	21) 940-304	** Bay glass (center)
2) 530-926	Faceplate complete with Trim ** Oversize/black (28" x 44")	22) 940-303	** Bay glass (left)
3) 530-540	* Flush Louver -Black (top)	23) 940-303	** Bay glass (right)
4) 530-544	* Flush Louvers - Black/gold combo (top)	24) 902-137	Front Log (x1)
5) 530-542	* Flush Louver -Black (bottom)	25) 902-133	Rear Log (x1)
6) 530-546	* Flush Louvers -Black/gold combo (btm)	26) 902-182	Cross Log (x2)
7) 530-945	** Brick panels (set)	27) 902-151	Embers
8) 902-053	Side brick panel (left)	28) 902-153	Rockwool (8g bag)
9) 902-054	Side brick panel (right)	29) 400-516	** Variable speed control
10) 902-055	Rear brick panel	30) 530-518	Fan Assembly
11) 948-116	Regency Logo Plate (x1)	31) 910-191	Pilot
12) 444-200	Flush glass side covers (x2)	32) 910-193	Electrode
13) 400-096	Flush glass clips (x2)	33) 910-341	Thermopile
14) 444-162/02	Gold flush glass support trim (x2)	34) 910-190	Piezo
15) 443-937	Flush glass (x1)	35) 910-142	Thermodisc
16) 530-560	** Bay door assembly	36) 910-296	Gas control valve (NG)
17) 530-548	** Bay Louvers - Black (top)	37) 910-299	Gas control valve (LP)
18) 530-552	** Bay louvers - Black/gold combo (top)	38) 530-562	Valve Assembly (NG)
19) 530-550	** Bay Louvers - Black (bottom)	39) 530-563	Valve Assembly (LP)
20) 530-554	** Bay louvers - Black/gold combo (btm)	40) 910-246	On/Off switch
		41) 910-374	Spill Switch
		42) 948-250	Burner tube (NG)
		43) 948-251	Burner tube (LP)

\* These items are required parts but you do have the option of 2 sizes of faceplates and 2 colours of louvers

\*\* This item is an option

The remaining items are replacement parts



## WARRANTY

**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 door. Regency Industries Ltd. is pleased to extend this limited lifetime warranty to the original purchaser of a Regency Product.**

### **The Warranty:** Lifetime

Covered under the agreement are the following components:

Combustion chamber, heat exchanger, burner tubes, logs, embers, glass (thermal breakage) and all gold plating (against defective manufacture).

The above will be covered for parts and labour for the first five years and parts only thereafter.

Electrical components such as blowers, switches, wiring, thermopiles, remote control, thermopiles, thermocouples and gas valves are covered for one year from the date of purchase.

### **Conditions:**

All installations must be performed by a qualified gas fitter and installed according to all applicable local and national codes. Also, all service work must be carried out by a qualified gas service person. It is the responsibility of the installer to ensure that the appliance is firing as per rating plate. Any part or parts of this unit which in our judgement show evidence of such defect 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.

### **Exclusions:**

This limited Lifetime Warranty does not extend to or include paint, door or glass gasketing or trim. It does not cover installation and operational related problems such as over-firing, downdrafts or spillage caused by environmental conditions, nearby trees, buildings, hilltops, mountains, inadequate venting or ventilation, excessive offsets, negative air pressures caused by insufficient make up air, mechanical systems such as furnaces, fans, clothes dryers etc.

The warranty does not extend to any part or parts which show evidence of misuse or abuse, neglect, accident or lack of maintenance.

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

Regency Industries Ltd., shall in no event be liable for any special, indirect consequential damages of any nature whatsoever which are in excess of the original purchase price of the product. Any alteration to the unit which causes sooting or carboning that results in damage to the exterior facia is not the responsibility of Regency Industries Ltd.

### **General:**

It is essential that all submitted claims provide all of the necessary information including purchase date, serial #, type of unit and part or parts requested.

---

Please complete the information below for future reference.

DATE PURCHASED \_\_\_\_\_

MODEL NO. \_\_\_\_\_ SERIAL NO. \_\_\_\_\_

DEALERS NAME & ADDRESS \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

