WARNING:
If the information in these instructions are not followed exactly, a fire or explosion may result causing property damage, personal injury or loss of life.

FOR YOUR SAFETY
Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

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

FOR YOUR SAFETY
What to do if you smell gas:
- Do not try to light any appliance
- Do not touch any electrical switch: do not use any phone in your building.
- Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

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

Congratulations!
You are the owner of a state-of-the-art Gas Fireplace by FPI FIREPLACE PRODUCTS INTERNATIONAL LTD. The P33CE has been designed to provide you with all the warmth and charm of a wood fireplace at the flick of a switch. The P33CE has 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.

WARNING!

HOT GLASS WILL CAUSE BURNS

DO NOT TOUCH GLASS UNTIL COOLED

NEVER ALLOW CHILDREN TO TOUCH GLASS

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

Panorama P33CE

ONE REGENCY
ONE TREE™
INFORMATION FOR MOBILE/MANUFACTURED HOMES AFTER FIRST SALE

This Regency® product has been tested and listed by Warnock Hersey/Intertek as a Direct Vent Wall Furnace to the following standards: VENTED GAS FIREPLACE HEATERS ANSI Z21.88-2009/CSA 2.33-2009 and GAS-FIRED APPLIANCES FOR USE AT HIGH ALTITUDES CAN/CGA-2.17-M91.

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

This appliance installation must comply with the manufacturer's installation instructions and local codes, if any. In the absence of local codes follow the current National Fuel Gas Code, ANSI Z223.1 and the current National Electrical Code ANSI/NFPA 70 in the U.S.A., and the current CAN/CGA B149 Gas Installation Code and the current Canadian Electrical Code CSA C22.1 in Canada.

The appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70, or the Canadian Electrical Code, CSA C22.1.

Ensure that structural members are not cut or weakened during installation.

This Regency® Mobile/Manufactured Home Listed appliance comes factory equipped with a means to secure the unit.

This Regency® Mobile/Manufactured Home listed appliance comes equipped with a dedicated #8 ground lug to which an 18 gauge copper wire from the steel chassis ground must be attached.

This appliance may be installed in an aftermarket permanently located, manufactured (mobile) home, where not prohibited by local codes.

This appliance is only use with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases, unless a certified kit is used.
SAFETY LABEL

This is a copy of the label that accompanies each P33CE Zero Clearance Direct Vent Gas Fireplace. 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.

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.

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 appliance’s 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.
5.08: Modifications to NFPA-54, Chapter 10

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(e) A copy of all installation instructions for all Product Approved side wall horizontally vented gas fueled equipment, all venting instructions, all parts lists for venting instructions, and/or all venting design instructions shall remain with the appliance or equipment at the completion of the installation.
 IMPORTANT MESSAGE  
SAVE THESE INSTRUCTIONS  
The P33CE-NG or P33CE-LP Direct Vent 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 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:

YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE SAME AREA AS THE APPLIANCE. TODDLERS, YOUNG CHILDREN AND OTHERS MAY BE SUSCEPTIBLE TO ACCIDENTAL CONTACT BURNS. A PHYSICAL BARRIERS IS RECOMMENDED IF THERE ARE AT RISK INDIVIDUAL IN THE HOUSE. TO RESTRICT 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.

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

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

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 fitted as per Venting instructions.

5) Inspect the venting system annually for blockage and any signs of deterioration.

6) Venting terminals shall not be recessed into a wall or siding.

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.

9) Wear gloves and safety glasses for protection while doing required maintenance.

10) Be aware of electrical wiring locations in walls and ceilings when cutting holes for termination.

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).

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

MANUFACTURED MOBILE HOME ADDITIONAL REQUIREMENTS  
1) Ensure that structural members are not cut or weakened during installation.

2) Ensure proper grounding using the #8 ground lug provided. Refer to “Wiring Diagram” Section.
INSTALLATION

CHECKLIST

1) Locate appliance
   a) Room location  
      (Refer to "Locating Your Fireplace" Section)
   b) Clearances to Combustibles  
      (Refer to "Clearances" Section)
   c) Mantle Clearances  
      (Refer to "Combustible Mantels" Section)
   d) Framing & Finishing Requirements (Refer to "Framing & Finishing" Section)
   e) Venting Requirements  
      (Refer to "Venting" Sections)

2) Assemble Top Facing Support and Side Nailing Strips (Refer to "Unit Assembly Prior to Installation" Section). NOTE: Must be done before installing unit into fireplace.

3) Install vent (Refer to "Venting" Sections)

4) Make gas and electrical connections. Test the pilot. Must be as per diagram. 
   (Refer to "Gas Line Installation" and "Pilot Adjustment" Section).

   Convert to Propane if desired.  
   (Refer to "Conversion Kit from NG to LPG" Section).

5) Install 4-AA batteries into the battery pack or optional AC power adaptor.

6) Install standard and optional features. Refer to the following sections:
   a. Optional Brick Panels
   b. Log Set Installation
   c. Standard Flush Door
   d. Optional Wall Thermostat
   e. Optional Remote Control
   f. Optional Wall Switch
   g. Installing the Optional Fan

7) Final check.

Before leaving this unit with the customer, the installer must ensure that the appliance is firing correctly and operation fully explained to customer.

This includes:

1) Clocking the appliance to ensure the correct firing rate (rate noted on label) after burning appliance for 15 minutes.

2) If required, adjusting the primary air to ensure that the flame does not carbon. First allow the unit to burn for 15-20 min. to stabilize.

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

LOCATING YOUR FIREPLACE

1) When selecting a location for your fireplace, ensure that the clearances outlined on this page are met.

2) Provide adequate clearances for servicing.

3) The appliance must be installed on a flat, solid, continuous surface (e.g. wood, metal, concrete). This may be the floor, or raised up on a platform to enhance its visual impact. If the appliance is going to be installed on carpeting, combustible linoleum tile or other combustible material other than wood flooring, the appliance must be installed on a metal or wood panel extending the full width and depth of the appliance.

4) The P33CE can be installed in a recessed position or framed out into the room as in A, B, C, D. See Diagram 1 below.

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) The P33CE Direct Vent Gas Fireplace is approved for alcove installations, which meet the clearances listed on the "Clearances" Section.

7) We recommend that you plan your installation on paper using exact measurements for clearances and floor protection before actually installing this appliance. Have a qualified inspector, dealer, or installer review your plans before installation.

Note: For vent terminations see "Exterior Vent Termination Locations" Section.

A) Flat on Wall
B) Flat on Wall Corner
C) Recessed into Wall/Alcove
D) Corner

DUCT SYSTEM OPTION

The HeatWave Air Duct Kit increases the effectiveness of your fireplace by dispersing warm air from the fireplace to remote locations in the same room or other rooms in your home.

Up to two kits may be installed on the fireplace. Please Note: Only 1 HeatWave kit may be operated at one time. This includes the internal blower option as well.

Kit #946-556
UNIT DIMENSIONS

4 SIDED FACEPLATE DIMENSIONS

MANTEL DIMENSIONS
**CLEARANCES**

The clearances listed below are Minimum distances unless otherwise stated:

A major cause of chimney related fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

**Caution Requirements**

The top, back and sides of the fireplace are defined by standoffs. The metal ends of the standoff may **NOT** be recessed into combustible construction.

**WARNING**

Fire hazard is an extreme risk if these clearances (air space) to combustible materials are not adhered to. It is of greatest importance that this fireplace and vent system be installed only in accordance with these instructions.

**CLEARANCES**

<table>
<thead>
<tr>
<th>Clearance:</th>
<th>Dimension</th>
<th>Measured From:</th>
</tr>
</thead>
<tbody>
<tr>
<td>A: *Front Floor Clearance (min.)</td>
<td>0&quot;</td>
<td>Underside of Unit</td>
</tr>
<tr>
<td>B: *Sidewall (on one side)</td>
<td>9&quot; (229mm)</td>
<td>Side Opening of Unit</td>
</tr>
<tr>
<td>C: *Ceiling (room and/or alcove)</td>
<td>30&quot; (762mm)</td>
<td>Top Opening of Unit</td>
</tr>
<tr>
<td>D: Alcove Width</td>
<td>84&quot; (1219mm)</td>
<td>Sidewall to Sidewall (Minimum)</td>
</tr>
<tr>
<td>E: Alcove Depth</td>
<td>36&quot; (914mm)</td>
<td>Front to Back Wall (Maximum)</td>
</tr>
<tr>
<td>F: Mantel</td>
<td>12&quot; (305mm)</td>
<td></td>
</tr>
<tr>
<td>G: Mantel Clearances</td>
<td>15-3/4&quot; (400mm)</td>
<td>From Top Opening of Unit</td>
</tr>
</tbody>
</table>

**Flue Clearances**

<table>
<thead>
<tr>
<th>Flue Clearances</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Horizontal - Top</td>
<td>2-1/2&quot;</td>
</tr>
<tr>
<td>Horizontal - Side</td>
<td>1-1/2&quot;</td>
</tr>
<tr>
<td>Horizontal - Bottom</td>
<td>1-1/2&quot;</td>
</tr>
<tr>
<td>Vertical (Flex Vent)</td>
<td>1-1/2&quot;</td>
</tr>
<tr>
<td>Vertical (Rigid)</td>
<td>1-1/4&quot;</td>
</tr>
</tbody>
</table>

**Warning**

Fire hazard is an extreme risk if these clearances are not adhered to.
COMBUSTIBLE MANTELS

Because of the extreme heat this fireplace emits, the mantel clearances are critical. Combustible mantel clearances from top of unit are shown in the diagram below.

**Note:** A non-combustible mantel may be installed at a lower height if the framing is made of metal studs covered with a non-combustible board. This drawing is to scale at 1:6 (one inch = 6 inches). Mantel can be installed anywhere in shaded area or higher using the above scale.

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

Combustible mantel leg clearances as per diagrams below:
MANTEL LEG CLEARANCES

Combustible mantel leg clearances from side of unit as per diagram:
## FRAMING DIMENSIONS

![Diagram of framing dimensions]

**NOTE:** If this is an outside corner, the minimum distance between the vent and the outside corner is 6” (15cm) with AstroCap termination cap or 12” (30cm) with Rigid Vent termination cap. (For example Dura-Vent)

<table>
<thead>
<tr>
<th>Framing Dimensions</th>
<th>Description</th>
<th>P33CE With Non-Combustible Board Only (i.e. Painted Finish)</th>
<th>P33CE With Tile, Stone, Brick, Slate, Modera Mantel, Verona Surround or other Non-Combustible finish</th>
</tr>
</thead>
<tbody>
<tr>
<td>G</td>
<td>Framing Width</td>
<td>35” (889mm)</td>
<td>35” (889mm)</td>
</tr>
<tr>
<td>H</td>
<td>Framing Height *</td>
<td>31-3/4” (806mm)</td>
<td>31-3/4” (806mm)</td>
</tr>
<tr>
<td>I</td>
<td>Framing Rise from Floor</td>
<td>0” <em>(when not using a surround / mantel)</em></td>
<td>0” <em>(2” min (w/ Modera Mantel) 3-1/2&quot;min (w/ Verona Surround)</em></td>
</tr>
<tr>
<td>J</td>
<td>Framing Depth Vertical Rise</td>
<td>23-1/4” (578mm) Vertical Rise 20-1/4” (502mm) Rigid / 16-1/2” (406mm) Flex</td>
<td>22-3/4” (578mm) Vertical Rise 19-3/4” (502mm) Rigid / 16” (406mm) Flex</td>
</tr>
<tr>
<td>K</td>
<td>Corner Wall Length</td>
<td>39-1/4” (988mm)</td>
<td>38-1/2” (988mm)</td>
</tr>
<tr>
<td>L</td>
<td>Corner Facing Wall Width</td>
<td>55-1/2” (1410mm)</td>
<td>54-1/2” (1410mm)</td>
</tr>
<tr>
<td>M</td>
<td>Framed Chase Ceiling*</td>
<td>36” (914mm) Rigid 32” (812mm) Flex</td>
<td>36” (914mm) Rigid 32” (812mm) Flex</td>
</tr>
<tr>
<td>N</td>
<td>Vent Centerline Height*</td>
<td>30” (762mm) Rigid 26” (660mm) Flex</td>
<td>30” (762mm) Rigid 26” (660mm) Flex</td>
</tr>
<tr>
<td>O</td>
<td>Gas Connection Height*</td>
<td>1 1/2” (38mm)</td>
<td>1 1/2” (38mm)</td>
</tr>
<tr>
<td>P</td>
<td>Gas Connection Inset*</td>
<td>7-3/16” (183mm)</td>
<td>7-3/16” (183mm)</td>
</tr>
<tr>
<td>Q</td>
<td>Gas Connection Width*</td>
<td>3” (76mm)</td>
<td>3” (76mm)</td>
</tr>
</tbody>
</table>

* Measured from base of unit
**FRAMING & FINISHING**

1. There are 8 (eight) side nailing strips and one top nailing strip available on the unit. One set of four (4) are for a clean finish (board only, painted) installation, the other set are for a non-combustible finish (ex. tile, concrete, mantel, surround) as they are set back 1/2" (13mm). The top nailing strip is adjustable to 1/2" (13mm).

2. Bend the required four (4) nailing strips to 90°.

3. Attach top nailing strip with one (1) screw (located at the back of the nailing strip). Adjust to required position, flush or back 1/2" and tighten screw.

---

1. Frame in the enclosure for the unit with framing material.

   **Note:** When constructing the framed opening, please ensure there is access to install the gas lines when the unit is installed.

2. For exterior walls, insulate the enclosure to the same degree as the rest of the house, apply vapour barrier and drywall, as per local installation codes. **(Do not insulate the fireplace itself.)**

   **WARNING:** Failure to insulate and add vapor barriers to the inside of the exterior wall will result in operational and performance problems including, but not limited to: excessive condensation on glass doors, poor flame package, carbon, blue flames etc. These are not product related issues.

3. The unit does not have to be completely enclosed in a chase. You must maintain clearances from the vent to combustible materials: See “Clearances” section. Combustible materials can be laid against the side and back standoffs and the stove base.

4. Tile Finish Option 1: Drywall may be installed onto the unit as shown below to create a surface to apply finishing materials such as tile, slate, etc. Drywall cannot extend onto the metal surface of the unit.

5. Tile Finish Option 2: If applying a non-combustible finishing material (tile, slate, brick, stone, mantel, surround etc) the material can be installed directly onto the metal surface of the unit in the area shown below.

---

**TILE - STONE - BRICK - MANTEL - SURROUND FINISH**

---

Nailing strip for Clean Finish (set flush with unit)

Nailing strip for Tile Finish (set back 1/2")

Adjustable Top Nailing Strip

---

Nailing strip for Tile Finish (set back 1/2")

Nailing strip for Clean Finish (set flush with unit)

Combustible Material

Non-combustible Finishing Material (i.e. tile)

Ensure finished material is brought to lip

Combustible Material

Non-combustible Finishing Material (i.e. tile)

Non-combustible Material (3-1/2" x 34-9/16") Supplied with Unit

Nailing Strip - 1/2" back from unit face

21-3/8" [542mm]

29-7/16" [747mm]
6) If applying a non-combustible facing it may be installed over the metal surface of the firebox of the unit in the area shown below.

**NON-COMBUSTIBLE BOARD ONLY (PAINTED FINISH)**

**NOTE:** The 3-1/2” x 34-9/16” non combustible material supplied with this unit can be replaced if trying to achieve a clean finish. A large piece of non combustible material (ie. 4’ x 8’ x 1/2”) can be used to eliminate taped seams on or near unit.

7) Non-combustible material (ie. tile, slate, etc) may be brought up to the edge of the glass door of the unit. Minimum clearances must be adhered to, this will assure ease of glass door removal and access to the lower panel.

**NOTE:** Non-combustible finishing materials may be of any thickness desired.

**IMPORTANT FINISHING DETAIL NOTE:**

Before placing unit into final position - it is important to know the total thickness / height of finished hearth (tile, carpet, flooring etc.) The Verona Surround or the Modera Mantel must be level to or higher than the finished hearth height.

**Note:** All non-combustible facing material should butt up cleanly to the flanges around the firebox opening.

Rough edges may be visible from an angle.

To maintain a clean finished edge - facing material edges may be finished with a J-style trim or metal corner bead (both materials available at your local building or hardware store).

**IMPORTANT:** Materials used must be NON-COMBUSTIBLE.
VENTING INTRODUCTION

The P33CE uses the "balanced flue" technology Co-Axial system. The inner liner vents products of combustion to the outside while the outer liner draws outside combustion air into the combustion chamber thereby eliminating the need to use heated room air for combustion and losing warm room air up the chimney.

There are 5 vent systems approved for use with the P33CE: the Regency® Direct Vent Flex System for Horizontal Terminations only and the Simpson Dura-Vent Pro, Selkirk Direct-Temp, Amerivent Direct Vent, Metal-Fab Sure Seal, Security Secure Vent and ICC Excel Direct for Horizontal and Vertical Terminations (see following "Venting" Sections for more details).

Note: These flue pipes must not be connected to any other appliance.

The gas appliance and vent system must be vented directly to the outside of the building, and never be attached to a chimney serving a separate solid fuel or gas burning appliance. Each direct vent gas appliance must use its own separate vent system. Common vent systems are prohibited. (See "Rigid Pipe Venting System" for more details and exceptions).

NOTE: Ensure compliance with the outside vent terminal location before cutting hole as both dimensions must be met.
# EXTERIOR VENT TERMINATION LOCATIONS

<table>
<thead>
<tr>
<th>Minimum Clearance Requirements</th>
<th>Canada¹</th>
<th>USA²</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Clearance above grade, veranda, porch, deck, or balcony</td>
<td>12&quot;(30cm)</td>
<td>12&quot;(30cm)</td>
</tr>
<tr>
<td>B Clearance to window or door that may be opened</td>
<td>12&quot;(30cm)</td>
<td>9&quot; (23cm)</td>
</tr>
<tr>
<td>C Clearance to permanently closed window</td>
<td>*</td>
<td>*</td>
</tr>
<tr>
<td>D Vertical clearance to ventilated soffit located above the terminal within a horizontal distance of 2 feet (61cm) from the center line of the terminal (check with the local code)</td>
<td>18&quot;(46cm)</td>
<td>18&quot;(46cm)</td>
</tr>
<tr>
<td>E Clearance to unventilated soffit</td>
<td>15&quot;(38cm)</td>
<td>15&quot;(38cm)</td>
</tr>
<tr>
<td>F Clearance to outside corner: with AstroCap Termination Cap.</td>
<td>6&quot;(15cm)</td>
<td>6&quot;(15cm)</td>
</tr>
<tr>
<td>Clearance to outside corner: with all other approved Termination Caps.</td>
<td>12&quot;(30cm)</td>
<td>12&quot;(30cm)</td>
</tr>
<tr>
<td>G Clearance to inside corner: with AstroCap Termination Cap.</td>
<td>6&quot;(15cm)</td>
<td>6&quot;(15cm)</td>
</tr>
<tr>
<td>Clearance to inside corner: with all other approved Termination Caps.</td>
<td>12&quot;(30cm)</td>
<td>12&quot;(30cm)</td>
</tr>
<tr>
<td>H Clearance to each side of center line extended above meter/regulator assembly</td>
<td>36&quot;(90cm)</td>
<td>*</td>
</tr>
<tr>
<td>J Clearance to service regulator vent outlet</td>
<td>36&quot;(90cm)</td>
<td>*</td>
</tr>
<tr>
<td>K Clearance to non-mechanical air supply inlet to building or the combustion air inlet to any other appliance</td>
<td>12&quot;(30cm)</td>
<td>9&quot; (23cm)</td>
</tr>
<tr>
<td>L Clearance to a mechanical air supply inlet #3’ (91cm) above if within 10’ (3m) horizontally.</td>
<td>72&quot;(1.8m)</td>
<td>36&quot;(90cm)</td>
</tr>
<tr>
<td>M Clearance above paved sidewalk or a paved driveway located on public property</td>
<td>84&quot;(2.1m)</td>
<td>*</td>
</tr>
<tr>
<td>N Clearance under veranda, porch, deck, or balcony</td>
<td>12&quot;(30cm)</td>
<td>*</td>
</tr>
</tbody>
</table>

¹ In accordance with current CSA B149.1, Natural Gas and Propane Installation Code
² In accordance with the current ANSI Z223.1/NFPA 54, National Fuel Gas Code
³ A vent shall not terminate directly above a sidewalk or paved driveway which is located between two single family dwellings and serves both dwellings.
¼ Permitted only if veranda, porch, deck, or balcony is fully open on a minimum of two sides beneath the floor.
½ Clearance in accordance with local installation codes and the requirements of the gas supplier
¾ 3 feet (91cm) within a height of 15 feet (4.5m) above the meter / regulator assembly
Ⅰ 3 feet (91cm) above - if within 10 feet (3m) horizontally
REGENCY® DIRECT VENT FLEX SYSTEM
Horizontal Terminations Only

This venting system, in combination with the P33CE Direct Vent Gas Fireplace, have been tested and listed as a direct vent heater system by Warnock Hersey/Intertek. The location of the termination cap must conform to the requirements in the “Exterior Vent Terminal Locations” Section.

Regency® Direct Vent Flex Termination Kit (Part # 946-513) includes all the parts needed to install the P33CE with a maximum run of 2 feet. If installing the P33E with a continuous vent length of more than 2 ft (.6m) to a maximum of 10 ft. (3.0m) use Kit # 946-515 (4 ft) or 946-516 (10 ft) or see “Rigid Pipe Venting Systems” Section for alternate venting arrangements.

1) 6-7/8” dia. flexible liner (2 ft. length)
2) 4” dia. flexible liner (2 ft. length)
3) spring spacers (3)
4) thimble (2)
5) AstroCap termination cap (1)
6) screws (12)
7) tube of Mill Pac (1)
8) plated screws (8)
9) screws #8 x 1-1/2” drill point, stainless steel (4)

Notes:
1) Liner sections should be continuous without any joints or seams.
2) Only Flex pipe purchased from Regency® may be used for Flex installations.

MINIMUM
RIGID PIPE CENTER-LINE

MINIMUM
FLEX KIT CENTER-LINE

Alternate Horizontal Termination Caps

Note: for P33E-NG4 with contemporary faceplate - unit must be raised by 1”.
**INSTALLATION PROCEDURES**

for Regency® Direct Vent System (Flex)

1) Locate the unit in the framing, rough in the gas (preferably on the right side of the unit) and the electrical (Junction block is on the left side) on the left. Locate the centerline of the termination and mark wall accordingly. Cut a 10"(254mm) hole in the wall (inside dimension).

**Note:** Tomaketheinstallationmoreaesthetically pleasing, we recommend framing out a square to mount the terminal to.

### INSTALLATION PROCEDURES

1. Locate the unit in the framing, rough in the gas (preferably on the right side of the unit) and the electrical (Junction block is on the left side) on the left. Locate the centerline of the termination and mark wall accordingly. Cut a 10"(254mm) hole in the wall (inside dimension).

**Note:** If this is an outside corner, the minimum distance between the vent and the outside corner is 6" (15cm) with AstroCap termination cap or 12" (30cm) with Dura-Vent termination cap. See "F" in the diagram in "Exterior Vent Termination Locations" Section.

2. Level the fireplace and fasten it to the framing using nails or screws through the nailing strips.

3. Assemble the vent assembly by applying Mill Pac to the 4"(100mm) inner collar of the termination and slipping the 4"(100mm) liner over it at least 1-3/8" (35mm). Fasten with the 3 screws (drilling pilot holes will make this easier). Apply Mill Pac or high temperature silicone to the 6-7/8"(175mm) flex pipe and slip it over the 6-7/8" outer collar of the vent terminal at least 1-3/8"(35mm) and fasten with the 3 screws.

4. Separate the 2 halves of the wall thimble and securely fasten the one with the tabs to the outside wall making sure that the tabs are on top and bottom. Fasten the other thimble half to the inside wall. The thimble halves slip inside each other and can be adjusted for 2 x 4 or 2 x 6 walls. **The liners must slip over the collars a minimum of 1-3/8".**

5. Slip the assembled liner and termination assembly through the thimble making sure the termination cap faces up (there are markings on the cap that show which way is up). This will position the termination cap with proper down slope for draining water. Fasten the cap to the outer wall with the 4 supplied screws.

6. Pull the centre 4"(100mm) liner and outer 6-7/8"(175mm) liner out enough to slip over the flue collars of the fireplace.

7. Apply Mill Pac over the fireplace inner collar and slip the 4"(100mm) liner down over it and attach with 3 supplied screws.

8. Do the same with the 6-7/8"(175mm) liner.

9. Apply a bead of silicone between the thimble and termination and around the outer edge of the terminal at the wall in order to keep the water out.

**IMPORTANT:** Do not locate termination hood where excessive snow or ice buildup may occur. Be sure to check vent termination area after snow falls, and clear to prevent accidental blockage of venting system. When using snow blowers, make sure snow is not directed towards vent termination area.
### RIGID PIPE VENTING SYSTEMS

#### Horizontal or Vertical Terminations

The minimum components required for a basic horizontal termination are:

1. **AstroCap** Horizontal Termination Cap
2. 45° Elbow
3. Rigid Pipe Adaptor
4. Wall Thimble
5. Length of pipe to suit wall thickness (see chart)

For siding other than vinyl furring strips may be used, instead of the vinyl siding standoff, to create a level surface to mount the vent terminal. The Terminal must not be recessed into siding.

If a Vinyl Siding Standoff is required (it must be used with vinyl siding), measure to outside surface of wall without siding and add 2 inches.

### Alternate Horizontal Termination Caps

For detailed diagrams and specifications, please refer to the manufacturer’s manual.

### Flat Wall Installation

<table>
<thead>
<tr>
<th>Max. Wall Thickness (inches)</th>
<th>Vent Length Required (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 - 1/4&quot;</td>
<td>6&quot;</td>
</tr>
<tr>
<td>10 - 1 1/4&quot;</td>
<td>9&quot;</td>
</tr>
<tr>
<td>13 - 1 1/4&quot;</td>
<td>12&quot;</td>
</tr>
</tbody>
</table>

**WARNING:**

Do not combine venting components from different venting systems.

However use of the AstroCap™ and FPI Riser is acceptable with all systems.

This product has been evaluated by Intertek for using a Rigid Pipe Adaptor in conjunction with Duravent Direct-Vent, Selkirk Direct-Temp, Ameri Vent Direct venting and Security Secure Vent systems. Use of these systems with the Rigid Pipe adaptor is deemed acceptable and does not affect the Warnok Hersey/Intertek listing of components.

When using Rigid Vent other than Simpson Dura-Vent, 3 screws must be used to secure rigid pipe to adaptor.
### 4" X 6-5/8" RIGID PIPE CROSS REFERENCE CHART

Components from different Manufacturers may not be mixed. Not all Rigid Pipe components are available directly from FPI.

<table>
<thead>
<tr>
<th>Description</th>
<th>Simpson Direct Vent Pro®</th>
<th>Selkirk Direct Temp™</th>
<th>American Metal Products® Amorvent Direct</th>
<th>Metal-Fab™ Sure Seal</th>
<th>Security Secure-Vent®</th>
<th>ICC Excel Direct</th>
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</thead>
<tbody>
<tr>
<td>6&quot; Pipe Length-Galvanized</td>
<td>46DVA-06</td>
<td>4DT-6</td>
<td>N/A</td>
<td>4D6</td>
<td>SV4L6</td>
<td>TC-4DL6</td>
</tr>
<tr>
<td>6&quot; Pipe Length-Black</td>
<td>46DVA-06B</td>
<td>4DT-6B</td>
<td>N/A</td>
<td>4D6B</td>
<td>SV4L6B</td>
<td>TC-4DL6B</td>
</tr>
<tr>
<td>7&quot; Pipe Length-Galvanized</td>
<td>N/A</td>
<td>N/A</td>
<td>4D7</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>7&quot; Pipe Length-Black</td>
<td>N/A</td>
<td>N/A</td>
<td>4D7B</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>9&quot; Pipe Length-Galvanized</td>
<td>46DVA-09</td>
<td>4DT-9</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>9&quot; Pipe Length-Black</td>
<td>46DVA-09B</td>
<td>4DT-9B</td>
<td>N/A</td>
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<td>12&quot; Pipe Length-Galvanized</td>
<td>46DVA-12</td>
<td>4DT-12</td>
<td>4D12</td>
<td>4D12</td>
<td>SV4L12</td>
<td>TC-4DL1</td>
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<td>4DT-12B</td>
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<td>4D12B</td>
<td>SV4L12B</td>
<td>TC-4DL1B</td>
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<tr>
<td>18&quot; Pipe Length-Galvanized</td>
<td>46DVA-18</td>
<td>4DT-18</td>
<td>4D18</td>
<td>4D18</td>
<td>SV4LA</td>
<td>TC-4DL18</td>
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<td>4D18B</td>
<td>4D18B</td>
<td>SV4LA</td>
<td>TC-4DL18B</td>
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<td>4DT-24</td>
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<td>4D24</td>
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<td>TC-4DL2</td>
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<td>36&quot; Pipe Length-Galvanized</td>
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<td>4DT-36</td>
<td>4D36</td>
<td>4D36</td>
<td>SV4L36</td>
<td>TC-4DL3</td>
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<tr>
<td>36&quot; Pipe Length-Black</td>
<td>46DVA-36B</td>
<td>4DT-36B</td>
<td>4D36B</td>
<td>4D36B</td>
<td>SV4L36B</td>
<td>TC-4DL3B</td>
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<tr>
<td>48&quot; Pipe Length-Galvanized</td>
<td>46DVA-48</td>
<td>4DT-48</td>
<td>4D48</td>
<td>4D48</td>
<td>SV4L48</td>
<td>TC-4DL4</td>
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<tr>
<td>60&quot; Pipe Length-Galvanized</td>
<td>46DVA-60</td>
<td>4DT-60</td>
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<tr>
<td>60&quot; Pipe Length-Black</td>
<td>46DVA-60B</td>
<td>4DT-60B</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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</tbody>
</table>

| Adjustable Length 3"-10"-Galvanized | N/A | N/A | N/A | 4DAL | N/A | TC-4DLT |
| Adjustable Length 3"-10"-Black    | N/A | N/A | N/A | 4DALB | N/A | TC-4DLTB |
| Adjustable Length 7"-Galvanized   | N/A | N/A | 4D7A | N/A | N/A | N/A |
| Adjustable Length 7"-Black        | N/A | N/A | 4D7AB | N/A | N/A | N/A |
| Extension Pipe 8-1/2"-Galvanized  | 46DVA-08A                | N/A                  | N/A                                    | N/A                  | N/A                     | N/A               |
| Extension Pipe 8-1/2"-Black       | 46DVA-08AB               | N/A                  | N/A                                    | N/A                  | N/A                     | N/A               |
| Adjustable Length 12"-Galvanized  | N/A | N/A | 4D12A | N/A | N/A | N/A |
| Adjustable Length 12"-Black       | N/A | N/A | 4D12A | N/A | N/A | N/A |
| Extension Pipe 16"-Galvanized     | 46DVA-16A                | N/A                  | N/A                                    | N/A                  | N/A                     | N/A               |
| Extension Pipe 16"-Black          | 46DVA-16AB               | N/A                  | N/A                                    | N/A                  | N/A                     | N/A               |
| 45° Elbow-Galvanized             | 46DVA-E45                | 4DT-EL45             | 4D45L                                  | N/A                  | N/A                     | TE-4DE45          |
| 45° Elbow-Black                  | 46DVA-E45B               | 4DT-EL45B            | 4D45L                                  | N/A                  | N/A                     | TE-4DE45B         |
| 45° Elbow Swivel-Galvanized      | See 46DVA-E45            | N/A                  | N/A                                    | 4D45L                | SV4E45                  | N/A               |
| 45° Elbow Swivel-Black           | See 46DVA-E45B           | N/A                  | N/A                                    | 4D45LB               | SV4EB45                 | N/A               |
| 90° Elbow-Galvanized             | 46DVA-E90                | 4DT-EL90S            | 4D7EL90S                               | N/A                  | N/A                     | TE-4DE90          |
| 90° Elbow-Black                  | 46DVA-E90B               | 4DT-EL90SB           | 4D7EL90SB                              | N/A                  | N/A                     | TE-4DE90B         |
| 90° Elbow, Swivel-Galvanized     | See 46DVA-E90            | N/A                  | N/A                                    | 4D90L                | SV4E90-1                 | N/A               |
| 90° Elbow, Swivel-Black          | See 46DVA-E90B           | N/A                  | N/A                                    | 4D90LB               | SV4EB90-1                | N/A               |
| 90° Starter Elbow, Swivel-Galvanized | N/A | N/A | N/A | 4D90A | N/A | N/A |
| Adaptor*                        | N/A                     | N/A                  | N/A                                    | 4D90L                | N/A                     | N/A               |

| Ceiling Support                | N/A                      | 4DT-CS               | 4DFS                                   | 4DSP                 | SV4SD                   | TE-4DE45          |
| Cathedral Support Box          | 46DVA-CS                 | 4DT-CSS              | 4DRSB                                  | 4DRS                 | SV4CSB                  | TE-4DE45B         |
| Wall Support/Band              | 46DVA-WS                 | 4DT-WS/B             | 4DWS                                   | 4DWS                 | SV4BM                   | N/A               |
| Offset Support                 | 46DVA-ES (N/A - FP)      | 4DT-QS               | N/A                                    | N/A                  | SV4SU                   | N/A               |
| Wall Thimble-Black             | 46DVA-WT                 | 4DT-WT               | 4DWT                                   | 4DWT                 | SV4RSM                  | TE-4DE90          |
| Wall Thimble Support/Ceiling Support | 46DVA-DC            | N/A                  | N/A                                    | N/A                  | SV4PF                   | TE-4DE90B         |
| Firestop Spacer                | 46DVA-FS                 | 4DT-FS               | 4DFS                                   | 4DFS                 | SV4BF                   | N/A               |
| Trim Plate-Black               | N/A                      | 4DT-TP               | 4DFPB                                  | 4DCP                 | SV4LA                   | N/A               |
### INSTALLATION

<table>
<thead>
<tr>
<th>Description</th>
<th>Simpson Direct Vent Pro®</th>
<th>Selkirk Direct Temp™</th>
<th>American Metal Products®/Amerivent Direct</th>
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<th>Security Secure-Vent</th>
<th>ICC Excel Direct</th>
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<tr>
<td>Attic Insulation Shield 12”</td>
<td>46DVA-IS N/A @ FPI</td>
<td>N/A</td>
<td>4DAIS12</td>
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<td>Attic Insulation Shield - Cold Climates 36”</td>
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<td>4DAIS12</td>
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<tbody>
<tr>
<td>Basic Horizontal Termination Kit (A)</td>
<td>Disc</td>
<td>4DT-HKA</td>
<td>4DHTK2</td>
<td>4DHTK</td>
<td>SV-SHK</td>
<td>N/A</td>
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<tr>
<td>Horizontal Termination Kit (B)</td>
<td>46DVA-KHA</td>
<td>4DT-HKB</td>
<td>4DHTK1</td>
<td>4DHTK</td>
<td>SV-HK</td>
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<tr>
<td>Vertical Termination Kit</td>
<td>Disc</td>
<td>4DT-VKC</td>
<td>4DHTK</td>
<td>4DHTK</td>
<td>SV-FK</td>
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<tbody>
<tr>
<td>High Wind Vertical Cap</td>
<td>46DVA-VCH</td>
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<td>N/A</td>
<td>N/A</td>
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<td>TM-4VT</td>
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<tr>
<td>High Wind Horizontal Cap</td>
<td>46DVA-HC</td>
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<td>TM-4DHT</td>
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<tr>
<td>Horizontal Square Termination Cap</td>
<td>See 46DVA-HC</td>
<td>4DT-HHC</td>
<td>4DHC</td>
<td>4DHT</td>
<td>SV4HC-1</td>
<td>TM-4HT</td>
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<tr>
<td>Vertical Termination Cap</td>
<td>46DVA-VC</td>
<td>4DT-VC</td>
<td>4DV</td>
<td>4DVT</td>
<td>SV4CGV-1</td>
<td>TM-4VT</td>
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<td>Storm Collar</td>
<td>46DVA-08A</td>
<td>4DT-SC</td>
<td>4DSC</td>
<td>4DSC</td>
<td>SV4FC</td>
<td>TM-5C</td>
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<tr>
<td>Adjustable Flaring 0/12-6/12</td>
<td>46DVA-F6</td>
<td>4DT-ST14</td>
<td>4D12S</td>
<td>4DST14</td>
<td>SV4STC14</td>
<td>TF-4FA</td>
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<td>46DVA-FLA</td>
<td>4DT-ST36</td>
<td>4D36S</td>
<td>4DST36</td>
<td>SV4STC36</td>
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<tbody>
<tr>
<td>Vinyl Siding Standoff</td>
<td>46DVA-VSS</td>
<td>4DT-VS</td>
<td>4DV</td>
<td>4SV</td>
<td>SV4VS</td>
<td>TM-VSS</td>
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<td>Vinyl Siding Shield Plate</td>
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<tr>
<td>Snorkel Termination 14”</td>
<td>46DVA-SNKL</td>
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<tr>
<td>Restrictor Disk</td>
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<td>TM-4DS</td>
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<tr>
<td>Extended Vertical Termination Cap</td>
<td>N/A</td>
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<tr>
<td>Chimney Conversion Kit A (USA only)</td>
<td>46DVA-KCA</td>
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<tr>
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<td>46DVA-KCB</td>
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<td>Chimney Conversion Kit Masonry (USA only)</td>
<td>46DVA-KMC</td>
<td>N/A</td>
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<td>N/A</td>
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<tr>
<td>Wall Firestop</td>
<td>46DVA-WFS</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>TM-4TR</td>
</tr>
<tr>
<td>Colinear Flex Connectors</td>
<td>46DVA-ADF</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<table>
<thead>
<tr>
<th>Description</th>
<th></th>
<th></th>
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<tbody>
<tr>
<td>FPI</td>
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<td></td>
<td></td>
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<td></td>
</tr>
<tr>
<td>946-506/P</td>
<td>Vent Guard (Optional) for AstroCap</td>
<td>946-205</td>
<td>Vinyl Siding Shield for Riser Vent Terminal</td>
<td>946-206</td>
<td>Vinyl Siding Standoff for AstroCap</td>
<td></td>
</tr>
<tr>
<td>510-994</td>
<td>Rigid Pipe Adaptor (Must use with all rigid piping)</td>
<td>946-208/P</td>
<td>Vent Guard (Optional) for Riser Vent Terminal</td>
<td>946-523/P</td>
<td>AstroCap Horizontal Cap</td>
<td></td>
</tr>
<tr>
<td>640-530/P</td>
<td>Riser Vent Terminal</td>
<td>946-206</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** When using Metal-Fab Sure Seal Rigid Piping - please note that the Adaptor (4DDA) must be used in conjunction with FPI Rigid Pipe Adaptor (510-994).

#### Offset Pipe Selection

**For specific instructions on venting components - visit the manufacturers website listed below.**

<table>
<thead>
<tr>
<th>Pipe Length (L)</th>
<th>4” x 6-5/8” Venting</th>
<th>Run (X)</th>
<th>Rise (Y)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0” (0mm)</td>
<td>4-7/8” (124mm)</td>
<td>13-7/8” (340mm)</td>
<td></td>
</tr>
<tr>
<td>6” (152mm)</td>
<td>8” (203mm)</td>
<td>16-1/2” (419mm)</td>
<td></td>
</tr>
<tr>
<td>9” (229mm)</td>
<td>10-1/8” (257mm)</td>
<td>18-5/8” (473mm)</td>
<td></td>
</tr>
<tr>
<td>12” (305mm)</td>
<td>12-1/4” (311mm)</td>
<td>20-3/4” (527mm)</td>
<td></td>
</tr>
<tr>
<td>24” (610mm)</td>
<td>20-5/8” (524mm)</td>
<td>29-1/8” (740mm)</td>
<td></td>
</tr>
<tr>
<td>36” (914mm)</td>
<td>29” (737mm)</td>
<td>37-1/2” (953mm)</td>
<td></td>
</tr>
<tr>
<td>48” (1219mm)</td>
<td>37-7/16” (951mm)</td>
<td>45-15/16” (1167mm)</td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Horizontal runs of vent must be level, or have a 1/4” rise for every 1 foot of run towards the termination. Never allow the vent to run downward - this could cause high temperatures and may present a possible fire hazard.

---

For specific instructions on venting components - visit the manufacturers website listed below.

- Simpson Direct Vent Pr: www.durevent.com
- Selkirk Direct-Temp: www.selkirkcorp.com
- American Metal Products: www.americanmetalproducts.com
- Metal-Fab Sure Seal: www.mtfab.com
- Security Secure-Vent: www.securitychimneys.com
- Industrial Chimney Company: www.icc-rsf.com
RIGID PIPE VENTING ARRANGEMENTS
Vertical Terminations
(Propane & Natural Gas)

The shaded area in the diagram shows all allowable combinations of straight vertical and offset to vertical terminations, using one 90° elbow, with rigid pipe vent systems for Propane and Natural Gas.

- Vent must be supported at offsets.
- Firestops are required at each floor level and whenever passing through a wall.
- Maintain clearances to combustibles.
- When using Contemporary Faceplate, unit must be raised 1”.

Note: Must use optional rigid pipe adapter when using rigid vent systems (Part # 510-994).
The P33CE is approved for a maximum 40 ft. straight vertical, with **rigid pipe** vent systems for Propane and Natural Gas.

The shaded area in the diagram shows all allowable combinations of straight vertical and offset to vertical terminations with **rigid pipe** vent systems for Propane and Natural Gas. **Maximum two 45° elbows allowed.**

- Vent must be supported at offsets.
- Firestops are required at each floor level and whenever passing through a wall.
- Maintain clearances to combustibles.
- When using Contemporary Faceplate, unit must be raised 1".

![Diagram of vent system with shaded area indicating allowable combinations](image)
RIGID PIPE VENTING ARRANGEMENTS
Horizontal Terminations
REGENCY® DIRECT VENT SYSTEM (FLEX)
(Propane & Natural Gas)

This diagram shows all allowable combinations of vertical runs with horizontal terminations, using one 45° and one 90° elbow (two 45° elbows equal one 90° elbow).

Note: Must use optional rigid pipe adaptor (Part # 510-994) when using rigid pipe vent systems. (Refer "Rigid Pipe Venting Systems" Section)

- Maintain clearances to combustibles.
- Horizontal vent must be supported every 3 feet.
- Firestops are required at each floor level and whenever passing through a wall.
- When using Contemporary Faceplate, unit must be raised 1".

A vent guard should be used whenever the termination is lower than the specified minimum or as per local codes.

Note: Regency® Direct Vent System (Flex) is only approved for horizontal terminations.

Minimum
Simpson Dura-Vent Center-Line

Minimum
Flex Kit Center-Line
Horizontal Venting with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

<table>
<thead>
<tr>
<th>Option</th>
<th>V</th>
<th>H + H1</th>
</tr>
</thead>
<tbody>
<tr>
<td>A)</td>
<td>1’ Min.</td>
<td>3’ Max.</td>
</tr>
<tr>
<td>B)</td>
<td>2’ Min.</td>
<td>4’ Max.</td>
</tr>
<tr>
<td>C)</td>
<td>3’ Min.</td>
<td>5’ Max.</td>
</tr>
<tr>
<td>D)</td>
<td>4’ Min.</td>
<td>6’ Max.</td>
</tr>
<tr>
<td>E)</td>
<td>5’ Min.</td>
<td>7’ Max.</td>
</tr>
<tr>
<td>F)</td>
<td>6’ Min.</td>
<td>8’ Max.</td>
</tr>
</tbody>
</table>

Please note minimum 1 foot between 90° elbows is required.

Horizontal Venting with Three (3) 90° Elbows

One 90° elbow = Two 45° elbows.

<table>
<thead>
<tr>
<th>Option</th>
<th>H</th>
<th>V</th>
<th>H+H1+H2</th>
</tr>
</thead>
<tbody>
<tr>
<td>A)</td>
<td>1’ Max.</td>
<td>1’ Min.</td>
<td>3’ Max.</td>
</tr>
<tr>
<td>B)</td>
<td>2’ Max.</td>
<td>3’ Min.</td>
<td>5’ Max.</td>
</tr>
<tr>
<td>C)</td>
<td>3’ Max.</td>
<td>5’ Min.</td>
<td>6’ Max.</td>
</tr>
<tr>
<td>D)</td>
<td>4’ Max.</td>
<td>7’ Min.</td>
<td>7’ Max.</td>
</tr>
<tr>
<td>E)</td>
<td>5’ Max.</td>
<td>9’ Min.</td>
<td>8’ Max.</td>
</tr>
<tr>
<td>F)</td>
<td>6’ Max.</td>
<td>11’ Min.</td>
<td>9’ Max.</td>
</tr>
</tbody>
</table>

Please note minimum 1 foot between 90° elbows is required.

Horizontal Venting with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

<table>
<thead>
<tr>
<th>Option</th>
<th>H</th>
<th>V</th>
<th>H+H1</th>
</tr>
</thead>
<tbody>
<tr>
<td>A)</td>
<td>1’ Max.</td>
<td>1’ Min.</td>
<td>3’ Max.</td>
</tr>
<tr>
<td>B)</td>
<td>2’ Max.</td>
<td>2’ Min.</td>
<td>5’ Max.</td>
</tr>
<tr>
<td>C)</td>
<td>3’ Max.</td>
<td>4’ Min.</td>
<td>6’ Max.</td>
</tr>
<tr>
<td>D)</td>
<td>4’ Max.</td>
<td>6’ Min.</td>
<td>7’ Max.</td>
</tr>
<tr>
<td>E)</td>
<td>5’ Max.</td>
<td>8’ Min.</td>
<td>8’ Max.</td>
</tr>
</tbody>
</table>

Please note minimum 1 foot between 90° elbows is required.
**Horizontal Venting with Three (3) 90° Elbows**

For additional vertical venting with 2 x 90° elbows, refer to "Rigid Pipe Venting Arrangements" Section.

**One 90° elbow = Two 45° elbows.**

<table>
<thead>
<tr>
<th>Option</th>
<th>V</th>
<th>H</th>
<th>V+V1</th>
<th>H+H1</th>
</tr>
</thead>
<tbody>
<tr>
<td>A)</td>
<td>2’</td>
<td>1’</td>
<td>3’</td>
<td>4’</td>
</tr>
<tr>
<td>B)</td>
<td>3’</td>
<td>2’</td>
<td>4’</td>
<td>5’</td>
</tr>
<tr>
<td>C)</td>
<td>4’</td>
<td>3’</td>
<td>6’</td>
<td>6’</td>
</tr>
<tr>
<td>D)</td>
<td>5’</td>
<td>4’</td>
<td>8’</td>
<td>7’</td>
</tr>
<tr>
<td>E)</td>
<td>6’</td>
<td>5’</td>
<td>10’</td>
<td>8’</td>
</tr>
<tr>
<td>F)</td>
<td>7’</td>
<td>6’</td>
<td>12’</td>
<td>9’</td>
</tr>
</tbody>
</table>

With these options, maximum total pipe length is 30 feet with minimum of 12 feet total vertical and maximum 9 feet total horizontal.

Please note minimum 1 foot between 90° elbows is required.

---

**Vertical Venting with Two (2) 90° Elbows**

<table>
<thead>
<tr>
<th>Option</th>
<th>V</th>
<th>H</th>
<th>V+V1</th>
<th>H+H1</th>
</tr>
</thead>
<tbody>
<tr>
<td>A)</td>
<td>1’</td>
<td>4’</td>
<td>2’</td>
<td>2’</td>
</tr>
<tr>
<td>B)</td>
<td>2’</td>
<td>5’</td>
<td>3’</td>
<td>3’</td>
</tr>
<tr>
<td>C)</td>
<td>3’</td>
<td>6’</td>
<td>4’</td>
<td>4’</td>
</tr>
<tr>
<td>D)</td>
<td>4’</td>
<td>7’</td>
<td>5’</td>
<td>5’</td>
</tr>
<tr>
<td>E)</td>
<td>5’</td>
<td>8’</td>
<td>6’</td>
<td>6’</td>
</tr>
</tbody>
</table>

With these options, maximum total pipe length is 30 feet with minimum of 6 feet total vertical and maximum 6 feet total horizontal.

Please note minimum 1 foot between 90° elbows is required.
Vertical Venting with Three (3) 90° Elbows

One 90° elbow = Two 45° elbows.

<table>
<thead>
<tr>
<th>Option</th>
<th>H</th>
<th>V</th>
<th>H + H1</th>
<th>V + V1</th>
</tr>
</thead>
<tbody>
<tr>
<td>A)</td>
<td>1' Max.</td>
<td>1' Min.</td>
<td>3' Max.</td>
<td>3' Min.</td>
</tr>
<tr>
<td>B)</td>
<td>2' Max.</td>
<td>2' Min.</td>
<td>4' Max.</td>
<td>5' Min.</td>
</tr>
<tr>
<td>C)</td>
<td>3' Max.</td>
<td>3' Min.</td>
<td>5' Max.</td>
<td>7' Min.</td>
</tr>
<tr>
<td>D)</td>
<td>4' Max.</td>
<td>4' Min.</td>
<td>6' Max.</td>
<td>9' Min.</td>
</tr>
<tr>
<td>E)</td>
<td>5' Max.</td>
<td>5' Min.</td>
<td>7' Max.</td>
<td>11' Min.</td>
</tr>
</tbody>
</table>

With these options, max. total pipe length is 30 feet with min. of 11 feet total vertical and max. 7 feet total horizontal. 

Please note min. 1 foot between 90° elbows is required.

Vertical Venting with Three (3) 90° Elbows

One 90° elbow = Two 45° elbows.

<table>
<thead>
<tr>
<th>Option</th>
<th>V</th>
<th>H + H1</th>
<th>V + V1</th>
</tr>
</thead>
<tbody>
<tr>
<td>A)</td>
<td>2' Min.</td>
<td>3' Max.</td>
<td>4' Min.</td>
</tr>
<tr>
<td>B)</td>
<td>3' Min.</td>
<td>4' Max.</td>
<td>6' Min.</td>
</tr>
<tr>
<td>C)</td>
<td>4' Min.</td>
<td>5' Max.</td>
<td>7' Min.</td>
</tr>
<tr>
<td>D)</td>
<td>5' Min.</td>
<td>6' Max.</td>
<td>8' Min.</td>
</tr>
<tr>
<td>E)</td>
<td>6' Min.</td>
<td>7' Max.</td>
<td>9' Min.</td>
</tr>
<tr>
<td>F)</td>
<td>7' Min.</td>
<td>8' Max.</td>
<td>10' Min.</td>
</tr>
</tbody>
</table>

With these options, max. total pipe length is 30 feet with min. of 10 feet total vertical and max. 8 feet total horizontal. 

Please note min. 1 foot between 90° elbows is required.
VERTICAL TERMINATION
WITH CO-LINEAR FLEX SYSTEM

This appliance is designed to be attached to two 3" (76mm) co-linear aluminium flex running the full length of the chimney. See the "Venting Arrangements - Vertical Terminations" Section for minimum and maximum heights.

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

The Air Intake pipe must be attached to the inlet air collar of the termination cap.

Required Parts:
Part #   Description
946-529  Co-linear DV Vertical Termination Cap
948-305  3" Flex - 35 ft.
946-563  Co-Axial to Co-Linear Adapter Kit which contains the following:
        - Co-linear Flex Adapter
        - Outer Pipe
        - Inner Pipe Adapter
510-994  Rigid Pipe Adaptor
46DVA-E45 45° Elbow

Alternate Approved Caps
46dva-VC  Vertical Termination Cap
46dva-VCH  High Wind Cap
46dva-GK  3" Co-linear Adapter with flashing
VENTING ARRANGEMENTS - VERTICAL TERMINATIONS
with Co-linear Flex System for both
Residential & Manufactured Homes
into Masonry Fireplaces

When using Contemporary Faceplate, unit must be raised 1".

The shaded area in the diagrams show
the allowable vertical terminations.
UNIT INSTALLATION WITH HORIZONTAL TERMINATION

Install the vent system according to the manufacturer's instructions included with the components.

1) Set the unit in its desired location. Check to determine if wall studs or roof rafters are in the way when the venting system is attached. If the case, you may want to adjust the location of the unit. Rough in the gas preferably on the right side of the unit and the electrical (junction block is on the left side) on the left.

2) Direct Vent pipe and fittings are designed with special twist-lock connections to connect the venting system to the appliance flue outlet. A twist-lock appliance adaptor is an available option that must be used in conjunction with the Simpson Dura-Vent Direct Vent system.

3) Put a bead of silicone inside the outer section of the adapter and a bead of Fireplace Mate "Mill-Pac" sealant (supplied) to every in- flue collar and fasten to the exterior of the building, 14-inch and 36-inch tall Snorkel Terminations and the Riser Vent as shown in Dia. 2 & 2a are available. Follow the same installation procedures as used for standard Horizontal Termination. NEVER install the snorkel upside down.

4) Assemble the desired combination of pipe and elbows to the appliance adaptor and twist-lock for a solid connection.

**Note:**

a) Twist-lock procedure: Four indentations, located on the female ends of pipes and fittings, are designed to slide straight onto the male ends of adjacent pipes and fittings, by orienting the four pipe indentations so they match and slide in to the four entry slots on the male ends, Dia. 1. Push the pipe sections completely together, then twist-lock one section clockwise approximately one-quarter turn, until the two sections are fully locked. The female locking lugs will not be visible from the outside, on the Black Pipe or fittings. They may be located by examining the inside of the female ends.

b) Horizontal runs of vent must be supported every three feet. Wall straps are available for this purpose.

c) Snorkel Terminations:

   a) The horizontal run of vent must be level, or have a 1/4 inch rise for every 1 foot of run towards the termination. Never allow the vent to run downward. This could cause high temperatures and may present the possibility of a fire.

   b) The location of the horizontal vent termination on an exterior wall must meet all local and national building codes, and must not be blocked or obstructed. See "Exterior Vent Terminal Locations" Section.

Below Grade Snorkel Installation

If the Snorkel Termination must be installed below grade, i.e. basement application,

5) Mark the wall for a 10" x 10" square hole. The center of the square hole should line up with the centerline of the horizontal pipe. Cut and frame the 10-inch square hole in the exterior wall where the vent will be terminated. If the wall being penetrated is constructed of non-combustible material, i.e. masonry block or concrete, a 7" (178mm) diameter (7-1/2" (191mm) dia. for flex) hole is acceptable.

**Note:**

a) The horizontal run of vent must be level, or have a 1/4 inch rise for every 1 foot of run towards the termination. Never allow the vent to run downward. This could cause high temperatures and may present the possibility of a fire.

b) The location of the horizontal vent termination on an exterior wall must meet all local and national building codes, and must not be blocked or obstructed. See "Exterior Vent Terminal Locations" Section.

6) The arrow on the vent cap should be pointing up. Insure that the 1-1/2" clearance to combustible materials are maintained (Dia. 3). Install the termination cap. *AstroCap* or Dura-Vent Horizontal Termination Cap may be used. The four wood screws provided should be replaced with appropriate fasteners for stucco, brick, concrete, or other types of sidings.

Below Grade Snorkel Installation

If the Snorkel Termination must be installed below grade, i.e. basement application,
8) Slide the appliance and vent assembly towards the wall carefully inserting the vent pipe into the vent cap assembly. It is important that the vent pipe extends into the vent cap sufficient distance so as to result in a minimum pipe overlap of 1-1/4 inches. Secure the connection between the vent pipe and the vent cap 3 sheet metal screws.

9) Install wall thimble in the center of the 10" square and attach with wood screws (Diagram 4).

UNIT INSTALLATION WITH VERTICAL TERMINATION

1) Maintain the 1-1/2" clearances (air spaces) to combustibles when passing through ceilings, walls, roofs, enclosures, attic rafter, or other nearby combustible surfaces. Do not pack air spaces with insulation. Check “Venting” Sections for the maximum vertical rise of the venting system and the maximum horizontal offset limitations.

2) Set the gas appliance in its desired location. Drop plumb bob down from the ceiling the position of the appliance flue exit, and mark the location where the vent will penetrate the ceiling. Drill a small hole at this point. Next, drop a plumb bob from the roof to the hole previously drilled the ceiling, and mark the spot where the vent will penetrate the roof.

3) A Firestop spacer must be installed in the floor or ceiling of every level. To install the Firestop spacer in a flat ceiling or wall, cut a 10 inch square hole. Frame the hole as shown in Diagram 2 and install the firestop.

4) Assemble the desired lengths of pipe and elbows. Ensure that all pipes and elbow connections are in the fully twist-locked position and sealed.

5) Cut a hole in the roof centered on the small drilled hole placed in the roof in Step 2. The hole should be of sufficient size to meet the minimum requirements for clearance to combustibles of 1-1/2". Slip the flashing under the shingles (shingles should overlap half the flashing) as per Diagram 3.

6) Continue to assemble pipe lengths.

Note: If an offset is necessary in the attic to avoid obstructions, it is important to support the vent pipe every 3 feet, to avoid excessive stress on the elbows, and possible separation. Wall straps are available for this purpose.

Galvanized pipe is desirable above the roofline due to its higher corrosion resistance. Continue to add pipe sections through the flashing until the height of the vent cap meets the minimum height requirements specified in Dia. 4 or local codes. Note that for steep roof pitches, the vertical height must be increased. A poor draft, or down drafting can result from high wind conditions near big trees or adjoining roof lines, in these cases, increasing the vent height may solve the problem.

7) Ensure vent is vertical and secure the base of the flashing to the roof with roofing nails, slide storm collar over the pipe section and seal with a mastic.

8) Install the vertical termination cap by twist-locking it.

Note: Any closets or storage spaces, which the vent passes through must be enclosed.

GAS LINE INSTALLATION

The gas line is brought through the right side of the appliance. The gas valve is situated on the right hand side of the unit and the gas inlet is on the right hand side of the valve.

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 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.
PILOT ADJUSTMENT

Periodically check the pilot flames. Correct flame pattern has two strong blue flames: 1 flowing around the flame sensor and 1 flowing across the burner (it does not have to be touching the burner).

![Pilot and Flame Sensor Diagram]

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

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

HIGH ELEVATION

This unit is approved in Canada for altitude to 4500 ft. (CAN/CGA-2.17-M91). For Natural Gas installations above 4500 ft. follow current CAN/CGA-B149.1.

<table>
<thead>
<tr>
<th>P33CE-NG System Data</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Burner Inlet Orifice Sizes:</td>
<td>#44</td>
</tr>
<tr>
<td>Max. Input Rating</td>
<td>20,000 Btu/h</td>
</tr>
<tr>
<td>Min. Input Rating</td>
<td>14,000 Btu/h</td>
</tr>
<tr>
<td>Supply Pressure</td>
<td>min.5.0&quot; w.c.</td>
</tr>
<tr>
<td>Manifold Pressure (High)</td>
<td>3.5&quot;+/- 0.2&quot; w.c.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>P33CE-LP System Data</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Burner Inlet Orifice Sizes:</td>
<td>#55</td>
</tr>
<tr>
<td>Max. Input Rating</td>
<td>19,500 Btu/h</td>
</tr>
<tr>
<td>Min. Input Rating</td>
<td>15,500 Btu/h</td>
</tr>
<tr>
<td>Supply Pressure</td>
<td>min.11.0&quot; w.c.</td>
</tr>
<tr>
<td>Manifold Pressure (High)</td>
<td>10&quot;+/- 0.2&quot; w.c.</td>
</tr>
</tbody>
</table>

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 switch is in the "OFF" position.
2) Loosen the "IN" and/or "OUT" pressure tap(s), turning counterclockwise with a 1/8" wide flat screwdriver.
3) Attach manometer to "IN" and/or "OUT" pressure tap(s) using a 5/16" ID hose.
4) Light the pilot by turning the switch to "ON" position.
5) The pressure check should be carried out with the unit burning and the setting should be within the limits specified on the safety label.
6) When finished reading manometer, turn off the gas valve, disconnect the hose and tighten the screw (clockwise) with a 1/8" flat screwdriver.

Note: Screw should be snug, but do not over tighten.

886 S.I.T. VALVE DESCRIPTION

1) Manual high/low adjustment
2) Pilot adjustment
3) Outlet Pressure Tap
4) Inlet Pressure Tap
5) Pilot Outlet
6) Main Gas Outlet
7) Main Gas Inlet
CONVERSION FROM NG TO LP
For P33CE Using SIT 886 NOVA Gas Valve

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

Each Kit contains one LPG Conversion Kit
LPG Conversion Kit Contains:

<table>
<thead>
<tr>
<th>Qty</th>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>904-575</td>
<td>Burner Orifice #55</td>
</tr>
<tr>
<td>1</td>
<td>918-590</td>
<td>Decal &quot;Converted to LPG&quot;</td>
</tr>
<tr>
<td>1</td>
<td>908-528</td>
<td>Red &quot;LPG&quot; label</td>
</tr>
<tr>
<td>1</td>
<td>904-529</td>
<td>5/32&quot; Allen Key</td>
</tr>
<tr>
<td>1</td>
<td>910-101</td>
<td>LPG Injector (Pilot Orifice)</td>
</tr>
<tr>
<td>1</td>
<td>911-009</td>
<td>Hi/Lo Conversion LP</td>
</tr>
<tr>
<td>1</td>
<td>919-139</td>
<td>Instruction Sheet</td>
</tr>
</tbody>
</table>

Installation of the LPG Conversion Kit:

1. Shut off the gas supply.
2. Remove the glass door.
   a) Release the two hooks from the bottom of the glass door.
   b) Swing the door out 45 degrees from the bottom - then lift up and out.
3. Remove logs and brick panels if installed.
4. Remove the 2 screws holding the Burner Assembly to the firebox base. Push the Burner Assembly to the left and lift out.
5. Undo clip and remove pilot cap to expose pilot orifice.
6. Unscrew the pilot orifice with the Allen key and replace with the LPG pilot orifice in the kit and replace pilot cap.
7. Remove burner orifice with a 1/2" wrench and discard. Use another wrench to hold on to the elbow behind the orifice.
8. Reinstall new burner orifice LPG stamped #55 and tighten.
9. Remove regulator and discard. Install the Hi/Lo pressure regulator onto the valve with 2 screws as shown below.
10. Attach the label "This unit has been converted to LPG" near or on top of the serial # decal.
11. Replace yellow "NG" label with red "LPG" label.
12. Reverse step 3 - 1
13. Check for gas leaks.
14. Check inlet and outlet pressures.
15. Check operation of flame control.

Installer Notice:

These instructions must remain with the appliance.
**OPTIONAL BRICK PANELS**

1) Undo the bottom 2 door latches and open and remove glass door. Remove logs.

2) Attach the 2 Rear Brick Retaining clips to the rear wall. Loosen the screws in the top and rear wall of the firebox and slide the retaining clips into position (tight against the firebox top) and then tighten the screws.

**Note:** The logs must not be in the unit.

3) Insert the back brick panel by carefully slipping it between the back wall of the firebox and the rear log bracket.

4) Put the side panels in next. Slide them in from the front and push them flat up against the wall. Be very careful not to scratch them on the firebox hardware.

5) Slide the Top Brick Panel into position and slide the Top Brick Retaining clips so that they hold the Top Brick Panel in place and tighten down the screws.

**LOG SET INSTALLATION**

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

The 3-digit numbers (i.e. 250) are molded into the rear of each log.

Log Kit # 431-930 contains the following pieces:

A) 250 Rear Log  
B) 254 Middle Cross Log  
C) 253 Front Left Cross Log  
D) 251 Rear Left Log  
E) 252 Front Right Cross Log  
F) Embers 902-156  
G) Vermiculite 902-179  
H) Rock Wool 902-153  
I) Platinum Embers 946-669 (supplied with packaged manual)

**NOTE:** If you will be installing the optional Brick Panels, install the Brick Panels prior to installing the logs.

1) Carefully remove the logs from the box and unwrap them. The logs are fragile, handle with care - do not force into position.

2) Sprinkle the vermiculite and embers around the firebox base.

3) Place the Log 250 on the rear log support pins with the flat side to the back.

4) Place Log 254 on the front right side of the burner. Push the back of the log against the 2 brackets with the notch on the bottom right side of the log fitting into the right side of the grate.

5) Position Log 253 across the cutouts in Logs 250 and 254 with the notch on the left side of the log fitting into the 2nd grate tab.
6) Place the bottom left front edge of Log 251 against the left edge of the burner tray and rest the log on the cutout on Log 253.

7) Position Log 252 across the cutouts in Logs 254 and 253. The notch in the bottom right end fitting against the 5th grate tab.

8) Pull off ember size pieces of rock wool and gently place them on the front of the burner tray in the places shown in the photo below. Do not compress the rock wool, leave it loose.

   Separate platinum embers and place them on the front of the burner on and around the rock wool.

   Place rock wool in these 2 locations on the burner tray.

9) Test fire to ensure proper light off (make sure flame flows smoothly from one end of burner to the other). If there is any flame hesitation, check that area for any blockage of the burner ports.

   Test fire to ensure proper light off.

STANDARD FLUSH DOOR AND SCREEN

Both the standard flush door and glass screen guard come with a black frame. To install the glass screen guard simply hook the over top of the flush glass door see Diagram 1. Install both screen and glass door by hooking the top door flange onto the top of the unit and swing the door towards the unit, Diagram 2. Be careful that the glass gasket does not roll up; there must be a gap between the gasket and the door lip to ensure that the door sits securely on the unit. See Diagram 3.

   Diagram 1

   Diagram 2

   Diagram 3

Use the hook to pull the spring out until you can put the hook into the slot on the bottom door bracket. Repeat for 2nd spring. See diagram 3.

   Pull hook forward and up into slot on door bracket.

To remove the flush door, reverse the above steps.

   To remove the flush door, reverse the above steps.

Diagram 4
GT REMOTE INSTALLATION

1) Shut off the gas supply and disconnect all power to the unit.
2) Remove the louvers, bay door or faceplate if installed.
3) Disconnect battery pack - located on the floor of the unit, as shown below and discard.
4) Remove DFC (digital firebox control box) from the floor of the unit.
5) Disconnect wire harness, ground wire and spark wire from DFC. See attached wiring diagram for details.
6) Identify wires in the GT remote wiring harness. (see wiring diagram.)
7) Connect the TPTH and TH wires - green to green and white to white as shown below. See attached wiring diagram for details.
8) Plug in receiver DC supply wire - as shown below.
9) Install 4 - AA batteries into the receiver, ensure correct polarity.
10) Plug receiver wires into the back of the receiver and bundle wires with the wire clip as shown below.
11) Install the heat shield to the receiver with two screws and attach to the floor of the unit with a velcro pad.
12) Reverse steps 5 and 4.
13) Match the remote control to the receiver - see remote control instructions.
14) Reverse steps 2 and 1.
15) Check to ensure there are no gas leaks.
1) Shut off the gas supply and disconnect all power to the unit.
2) Remove the louvers, bay door or faceplate if installed.
3) Disconnect battery pack - located on the floor of the unit, as shown below and discard.
4) Remove DFC (digital firebox control box) from the floor of the unit.
5) Disconnect wire harness, ground wire and spark wire from DFC.
6) Identify wires in the GTM/GTMF remote wiring harness. (see wiring diagram.)
7) Connect the TPTH and TH wires - green to green and white to white as shown below.
8) Plug in receiver DC supply wire - as shown below.
9) Remove the hi/lo knob if installed by removing 2 screws as shown below.
10) Install the stepper motor in the same location the hi/lo knob was removed from - with 2 screws as shown below.

11) Remove the receiver if installed - unplug the motor wire from the back of the receiver - as shown below.

12) Reattach wires from step 5.

13) Plug the stepper motor into the motor wire as shown below.

14) To unattach these wires - un-clip from the wires on the stepper motor side as shown below.

15) Install 4-AA batteries into the receiver.

16) Bundle all wires together and clip with supplied wire clip - as shown below.

17) Install the heat shield to the receiver with two screws and attach to the floor of the unit with a velcro pad - also peel off paper on back side of wire clip and place wires conveniently in appliance.

18) Match the remote control to the receiver - see remote control instructions.

19) Reverse steps 2 and 1.

20) Check to ensure there are no gas leaks.
OPTIONAL 4-SIDED FACEPLATE INSTALLATION

If installing the optional faceplate ensure the combustible and non combustible material around the unit are installed flush with the unit. (See Diagram 1 below). The faceplate cannot be installed if materials are not flush.

1. Install 2 middle screws on unit face - do not tighten. Slide bracket over screws then tighten. Install 2 outer screws.

2. Install four (4) wood screws, two (2) on each side of the bracket into the wall studs as shown below.

3. Line up the middle rib on backside of faceplate with middle indent on bracket. This will centre the faceplate and allow 1/16" adjustment from side to side.

4. Lift faceplate up and lower gently onto bracket.

Diagram 1 - Materials flush w/unit.

Diagram 2 -Bracket screw locations on unit.

Diagram 3 -Bracket screw locations.

Diagram 4 - Line up faceplate and bracket.

Diagram 5 - Hang faceplate on bracket.

Diagram 6 - Final Install
OPTIONAL MANTEL INSTALLATION

If installing the optional mantel ensure the combustible and non-combustible material around the unit are installed flush with the unit. (See Diagram 1 below). The mantel cannot be installed if materials are not flush.

1. Install 2 middle screws on unit face - do not tighten. Slide bracket over screws then tighten, install 2 outer screws.

2. Install four (4) wood screws, two (2) on each side of the bracket into the wall studs as shown below.

3. Repeat steps 1 and 2 to install lower bracket - screw locations are shown below.

4. Line up flange on hearth portion of mantel, with opening between bracket and unit.

5. Lift up mantel and line up the middle rib on backside of faceplate with middle indent on bracket. This will centre the faceplate and allow 1/16" adjustment from side to side.
Optional WALL THERMOSTAT

A wall thermostat may be installed if desired, connect the wires as per the wiring diagram. Use table below to determine the maximum wire length.

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

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.

**CAUTION**
Do not wire millivolt wall thermostat wires to 120V wire.

<table>
<thead>
<tr>
<th>Thermostat Wire Table</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Recommended Maximum Lead Length (Two-Wire) When Using Wall Thermostat (CP-2 System)</strong></td>
</tr>
<tr>
<td>Wire Size</td>
</tr>
<tr>
<td>14 GA.</td>
</tr>
<tr>
<td>16 GA.</td>
</tr>
<tr>
<td>18 GA.</td>
</tr>
<tr>
<td>20 GA.</td>
</tr>
<tr>
<td>22 GA.</td>
</tr>
</tbody>
</table>

Optional REMOTE CONTROL

Use the Regency® Remote Control Kit 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.

2) Connect the two wires to the gas valve. See wiring diagram. Optional wall switch GT/GTM/GTMF using wire 0.584.907

**CAUTION**
Do not wire millivolt remote control wires to 120V wire.

3) Install 3 AAA alkaline batteries in transmitter and 4 AA alkaline batteries in the receiver. Install the receiver and its cover in the wall. Switch the remote receiver to "remote" mode. The remote control is now ready for operation.

Optional WALL SWITCH

1) Run the supplied 10’ of wire through the right or left side gas inlet opening. Be careful not to damage wire.

Note: We recommend a maximum of 10’ of wire but if you wish to go with a longer run, use the Thermostat Wire Table.

2) Connect the wire to a wall switch and install into the receptacle box. Also attach wires to the valve as shown below.

**CAUTION**
Do not wire millivolt wall switch wires to 120V wire.

BATTERY INSTALLATION

1) 4 AA batteries must be installed in the battery pack to operate the burner switch.

2) Install 2 AA batteries per side and connect as shown below.
This heater does not require a 120V A.C. supply for operation. In case of a power failure, the burner switch and the optional remote control/thermostat will continue to operate. However, a 120V A.C. power supply is needed for the fan/blower operation.

(Do not cut the ground terminal off under any circumstances.)

NOTE: Even if the fan is not purchased with the unit, it is still a good idea to bring power to the receptacle box (provided with the unit) in case the fan is installed at a later date.

**IMPORTANT:** If the optional remote control is used, the AA batteries normally installed into the battery holder must be removed. The AA batteries in the receiver now operate the unit. Having AA batteries in both the battery holder and receiver will damage the gas valve.

Note: 4 AA batteries must be installed to operate the burner switch. Do not use a 9 volt battery.
AC POWER ADAPTOR INSTALLATION (FOR SUREFIRE SYSTEMS)

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

NOTE: AC power adaptor is not required when using GTMF Remote

IMPORTANT: Recommend removing the 4-AA batteries in the SureFire receiver.
This will avoid battery leakage and power drainage. 4-AA Battery pack may be re-installed into receiver during power outages.

NOTE: For all Gas Fireplaces 120 volt power must be brought to the receptacle box inside the bottom of the fireplace (provided with the unit).
All Freestanding Gas Stoves & Gas Inserts will need a receptacle box located outside / near the unit
so that the AC Power Adaptor can be plugged in.

INSTALL AC ADAPTOR WITH SUREFIRE WALL SWITCH ONLY - (WITHOUT REMOTE)
1) Locate “DC Supply” tag on wire harness. For location in unit see remote installation page in owners manual.
2) Connect the male end from AC adaptor to the female end tagged “DC Supply” on wiring harness in unit.
3) Plug AC adaptor into 120V wall outlet (or into 120V receptacle if installed inside the gas fireplace firebox).
4) Neatly tuck any loose AC Power Adaptor wires neatly underneath / inside the appliance.

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

INSTALL AC ADAPTOR WITH SUREFIRE PROFLAME GT / GTM REMOTE
This method also applies for models, HZ30E - HZ40E - L390E - HZI390E
1) Connect the male end of the AC adaptor to the female end of the wire adaptor (supplied with AC adaptor) together as shown .
2) Locate FCM - COM connector on the Remote wire harness - see manual for location in unit.
3) Plug in wire adaptor to FCM - COM connector - be careful not to damage ends. This only fits one way. Do Not Force in wrong way.
4) Plug AC adaptor into 120V wall outlet (or into 120V receptacle if installed inside the gas fireplace firebox).
5) Neatly tuck any loose AC Power Adaptor wires neatly underneath / inside the appliance.

Note: Ensure that wires do not touch the underside of the firebox (keep wires away from the heat as much as possible).
INSTALLING THE OPTIONAL FAN (PRIOR TO UNIT INSTALLATION)

An optional fan can be installed prior to unit installation by following these steps:

1. Remove lower base cover by tilting forward and removing one screw on each side to release. (Diagram 1).

2. Loosen four (4 screws (two on each side) inside of the bottom panel of the clean front, slide panel out.

3. Turn the fan base on its side (with the base facing towards you) and then slide the fan in towards the rear of the unit. Turn the fan upright and slip it over the two mounting studs. Take care not to damage the insulation on the fan base. **Ensure that the fan blades do not rub against the valve tubing.**

4. Connect fan ground cable to ground lug. Refer to wiring diagram.

5. Slide the thermodisc/cover assembly into the bracket clip on the underside of the firebox (Diagram 4). Check that no wires will touch hot surfaces.

6. Attach the fan control box to the Control Plate. (Diagrams 5 & 6.

7. Position the control plate assembly on the left hand side of the firebox. Diagram 7

8. Secure the control plate assembly with 1 screw as shown in Diagram 8.

9. Secure the fan wires and power cord by attaching one of the adhesive backed wire holder clips (Part #910-199. onto the Fireplace base. Use the second clip to bundle up the wires approximately 4" from the control box. Ensure that there is no interference with the wires when the faceplate and trim are installed and that no wires will touch the hot metal surfaces or sharp edges.

10. Plug the fan power cord into the rear end of the receptacle box to provide the maximum clearance.

**TO REMOVE THE FAN**

1. Shut the power off.

2. Follow Steps 2 - 7 of "Installing the optional fan after unit is installed".

3. Reverse Step 8 of "Installing the optional fan after unit is installed".

**Note:** The bearings are lubricated for life. Do not lubricate them. Make sure you vacuum the fan area on a regular basis.

**IMPORTANT:**
These fans collect a lot of dust from within your home. Ensure you maintain these fan motors on a regular basis by vacuuming out the fan blades and housing using a soft brush nozzle.
OPTIONAL FAN WIRING DIAGRAM

INSTALLING THE OPTIONAL FAN (INSTALLED UNIT)

120 Volt AC power is needed for the fan switch and blower. The fan can be hard wired if desired. The grounded duplex receptacle should be installed into the supplied receptacle box by a qualified electrician. The neutral (wider) slot of the polarized receptacle should be at the top.

Unit must be grounded at all times. Do not cut the ground terminal off under any circumstances.

1. Shut the power off.
2. Remove Flush door (See instructions in this Manual).
3. Remove inner panels (See instructions in this Manual).
4. Remove logs.
5. Remove the burner by removing 2 screws in the locations shown below.
6. Slide burner to the left and lift out. (See Diagram 2).
7. Remove 2 screws to remove Rear Log Stand (See Diagram 3).

Diagram 1: Remove the 2 screws to remove burner.

Diagram 2

Diagram 3
8. Remove the 12 screws securing the valve tray assembly in place (Diagram 4) and then lift the entire assembly out.

Diagram 4 Valve Tray Assembly

9. Maneuvre fan into valve tray opening at base of firebox.

Diagram 5

10. Secure fan by pushing fan down onto mounting pins located on floor of unit. Take care not to damage the insulation on the fan base. Ensure that the fan blades do not rub against the valve tubing. Diagram 6.

Push Fan down on mounting pins

Ground Lug

Plug fan power cord into rear receptacle.

Diagram 6

11. Connect fan ground cable to ground lug. Refer to wiring diagram.

12. Slide the thermodisc/cover assembly into the bracket clip on the underside of the firebox (Diagram 7). Check that no wires will touch the hot surfaces.

Diagram 7

13. Remove lower base cover by removing 2 screws and lifting out (Diagram 8).

Diagram 8

14. Attach the fan control box to the Control Plate. (Diagrams 9 & 10.)

Fan Control Box

Control Mounting Plate

Diagram 9

Diagram 10

15. Position the control plate assembly on the left hand side of the firebox. Diagram 11

16. Secure the control plate assembly with one (1) screw as shown in Diagram 12.

Diagram 11

Diagram 12

17. Secure the fan wires and power cord by attaching one of the adhesive backed wire holder clips (Part #910-199) to the Fireplace base. Use the second clip to bundle up the wires approximately 4” from the control box. Ensure that there is no interference with the wires when the faceplate and trim are installed and that no wires will touch the hot metal surfaces or sharp edges.

18. Plug the fan power cord into the rear end of the receptacle box to provide the maximum clearance.

TO REMOVE THE FAN

1. Shut the power off.

2. Reverse the above instructions.

Note: The bearings are lubricated for life. Do not lubricate them. Make sure you vacuum the fan area on a regular basis.

IMPORTANT:
These fans collect a lot of dust from within your home. Ensure you maintain these fan motors on a regular basis by vacuuming out the fan blades and housing using a soft brush nozzle.
## 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 risquera de déclencher un incendie ou une explosion entraînant des dommages, des blessures ou la mort.

### LIGHTING INSTRUCTIONS

1. **Turn on ON/OFF switch**
2. **After approximately 4 seconds the spark ignition system will spark for 60 seconds to light the main burner.**
3. **The unit will turn on.**

**Note:** The first attempt to ignition will last approximately 60 seconds. If there is no flame ignition (rectification) the board will stop sparking for approximately 35 seconds. After this wait time, the board will start a second try for ignition by sparking for approximately 60 seconds. If there is still no positive ignition after the second attempt the board will go into lock out mode:  
   - **a)** Wait 5 minutes - turn the system off using ON/OFF switch.
   - **b)** After approximately 2 seconds turn on ON/OFF switch or press ON/OFF button if using optional remote.
   - **c)** Unit will repeat step 2.

1. **Appuyez le bouton ON / OFF**
2. **Attendez 4 secondes. Le système d’allumage produira des étincelles pendant 60 secondes afin d’amorcer le brûleur principal.**
3. **Les flammes s’allumeront.**

**Remarque:** : Au premier allumage, le système tente d’allumer les flammes pendant 60 secondes. Si l’essai est infructueux, le système fait une pause de 35 secondes. C’est ce qu’on appelle l’étape de rectification. Ce délai écoulé, le système tente de nouveau d’allumer les flammes en produisant des étincelles pendant 60 secondes. Si les flammes ne s’allument toujours pas, le système se met en mode verrouillage. Il faut alors le réinitialiser en suivant les étapes ci-dessous (pour le déverrouiller):
   - **a)** Attendre 5 minutes et éteindre l’appareil en raccord l’interrupteur à la position « OFF » ;
   - **b)** Attendre 2 secondes et rallumer le système à l’aide de l’interrupteur ou de la télécommande.
   - **c)** L’unité répètera l’étape 2.

### TO TURN OFF GAS APPLIANCE

1. **Turn off ON/OFF switch**
2. **If service is to be performed - you must disconnect power to the unit, from the battery pack, refer to manual.**

1. **Appuyez sur le bouton ON / OFF**
2. **Si le service est effectué, vous devez débrancher l’appareil, du bloc-piles, voir le manuel d’instruction pour plus de détails.**

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**DO NOT REMOVE THIS INSTRUCTION PLATE** 918-628b
OPERATING INSTRUCTIONS

1) Read and understand these instructions before operating this appliance.

2) Check to see that all wiring is correct and enclosed to prevent possible shock.

3) Check to ensure there are no gas leaks.

4) Make sure the glass in the door frame is properly positioned. Never operate the appliance with the glass removed.

5) Verify that the venting and cap are unobstructed.

6) Ensure that the brick panels are installed.

7) Verify log placement. If the pilot cannot be seen when lighting the unit, the logs have been incorrectly positioned.

8) The unit should never be turned off, and on again without a minimum of a 60 second wait.

FIRST FIRE

The first fire in your fireplace 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.

LIGHTING PROCEDURE

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

1) Press and release on ON/OFF button once on the remote control or ON/OFF switch.

2) After approximately 4 seconds the spark ignition system will spark for 60 seconds to light the main burner.

3) The unit will turn on.

Note: The first try for ignition will last approximately 60 seconds. If there is no flame ignition (rectification) the board will stop sparking for approximately 35 seconds. After wait time, the board will start second try for ignition by sparking for approximately 60 seconds. If there is still no positive ignition the board will go into lock out.

The system will need to be reset as follows:

a) Turn the system off using ON/OFF switch or press ON/OFF button - if using optional remote.

b) After approximately 2 seconds turn on ON/OFF switch or press ON/OFF button if using optional remote.

c) Repeat step 2.

SHUTDOWN PROCEDURE

1) Turn the wall mounted switch or remote to the "OFF" position.

2) Press "OFF" on the remote control.

3) Turn the gas control knob to the "OFF" position to turn off the pilot.

AERATION ADJUSTMENT

The air shutter can be adjusted by moving the adjusting wire up or down. The wire is accessed through the bottom opening. Open the air shutter for a blue flame or close for a yellower flame. The burner aeration is factory set but may need adjusting due to either the local gas supply or altitude.

Minimum Air Shutter Opening:
3/16” Natural Gas - Orifice # 44
3/8” Propane - Orifice # 54

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

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.
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 different rates which can cause “ticking” and “cracking” sounds. You should also be aware that as there are temperature changes within the unit these sounds will likely re-occur. Again, this is normal for steel fireboxes.

Blower Thermodisc:
When this thermally activated switch turns ON it will create a small “clicking” sound. This is the switch contacts closing and is normal.

Pilot Flame:
While the pilot flame is on it can make a very slight “whisper” sound.

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

Unit Body/Firebox:
Different types and thicknesses of steel will expand and contract at different rates resulting in some “cracking” and “ticking” sounds will be heard throughout the cycling process.

MAINTENANCE INSTRUCTIONS

1) Always turn off the gas valve 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 soft clean paint brush as the logs are fragile and easily damaged.

2) Clean appliance and door with a damp cloth (never when unit is hot). Never use an abrasive cleaner. The glass should be cleaned with a gas fireplace glass cleaner. The glass should be cleaned when it starts looking cloudy.

3) The heater is finished in a heat resistant paint and should only be refinished with heat resistant paint. Regency® uses StoveBright Paint - Metallic Black #6309.

4) Make a periodic check of burner for proper position and condition. Visually check the flame of the burner periodically, making sure the flames are steady; not lifting or floating. If there is a problem, call a qualified service person.

5) 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.

Note: Never operate the appliance without the glass properly secured in place.

6) 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.

7) Verify operation after servicing.

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 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 and 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 diagrams under Log Installation.

Note: Improper positioning of logs may create carbon build-up and will severely alter the unit’s performance which is not covered under warranty.
**GLASS GASKET**

If the glass gasket requires replacement use 5/8" flat glass gasket for the Bay Front (Part # 936-243) and a tadpole glass gasket for the Flush Front (Part # 936-155).

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**DOOR GLASS**

Your Regency® fireplace is supplied with high temperature, 5 mm Neoceram ceramic glass that will withstand the highest heat that your unit will produce. 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, and follow our step-by-step instructions for replacement.

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

Caution: Wear gloves when removing damaged or broken glass.

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**Flush Glass Replacement**

Remove the flush door front. Remove the 4 glass clips from each corner. Slide in the new replacement glass. Push the 4 glass clips back onto the frame. The glass must have gasketing around it.

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Glass
Flush Door Frame
Glass Clip
**MAINTENANCE**

**REMOVING VALVE**

1. Shut off the gas supply.
2. Open the flush door (see instructions in this manual) and remove the door.
3. Remove the burner/grate assembly by removing the two screws and then lift the burner assembly out.

4. Remove the rear log stand by removing the 2 screws.

5. Disconnect the inlet gas line.
6. Disconnect the EV1, EV2, and ground wires from the valve - as shown below.

7. Remove the 12 screws securing the valve tray assembly in place (Diagram 4) and then lift the entire assembly out.

8. Remove valve tray assembly.

**INSTALLING VALVE**

1. Install new valve assembly.
2. Reverse steps 7-1.
### MAIN ASSEMBLY

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Burner Assembly</td>
<td>904-568</td>
<td>Orifice # 44 NG</td>
</tr>
<tr>
<td>2</td>
<td>770-523 Thermodisc cage</td>
<td>904-575</td>
<td>Orifice # 55 LP</td>
</tr>
<tr>
<td>3</td>
<td>437-515 Valve Assembly</td>
<td>911-004</td>
<td>886 Proflame Valve</td>
</tr>
<tr>
<td>4</td>
<td>432-917 Fan Assembly</td>
<td></td>
<td></td>
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<tr>
<td>5</td>
<td>437-024 Screen glass guard</td>
<td>919-125</td>
<td>Manual</td>
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<td>6</td>
<td>433-538 Glass Door Assembly</td>
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<tr>
<td>7</td>
<td>** Clean Front Assembly</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>** Firebox Assembly</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>** Not a replacement part</td>
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## BURNER & LOG ASSEMBLY

<table>
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<tr>
<th>Part</th>
<th>Description</th>
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<tbody>
<tr>
<td>53) 430-055</td>
<td>Gasket - Valve Access Plate - NG/LP</td>
</tr>
<tr>
<td>54) 910-421</td>
<td>Pilot ON/OFF Extension Knob</td>
</tr>
<tr>
<td>55) 910-422</td>
<td>Flame HI/LOW Extension Knob</td>
</tr>
<tr>
<td>435-574E/P</td>
<td>Valve Assy - Natural Gas</td>
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<tr>
<td>435-576E/P</td>
<td>Valve Assy - Propane</td>
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<tr>
<td>57) 911-004</td>
<td>Valve SIT - NG</td>
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<tr>
<td>911-005</td>
<td>Valve SIT - LP</td>
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<tr>
<td>58) *</td>
<td>Valve Bracket</td>
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<tr>
<td>59) *</td>
<td>Firebox Base</td>
</tr>
<tr>
<td>60) *</td>
<td>Valve Tray</td>
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<tr>
<td>66) 911-006</td>
<td>Pilot Assy - 886 - S.I.T. - NG</td>
</tr>
<tr>
<td>911-007</td>
<td>Pilot Assy - 886 - S.I.T. - LP</td>
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<tr>
<td>904-568</td>
<td>Orifice #44 - Natural Gas</td>
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<td>904-575</td>
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<tr>
<td>936-170</td>
<td>Orifice Gasket</td>
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<tr>
<td>67) *</td>
<td>Pilot Holder</td>
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<tr>
<td>68) W840470</td>
<td>Pilot Assembly Gasket</td>
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<td>79) 433-525</td>
<td>Burner Assy - NG/LP</td>
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<tr>
<td>82) 433-024</td>
<td>Burner Grate Assembly - NG/LP</td>
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<tr>
<td>83) *</td>
<td>Rear Log Support Bracket - NG/LP</td>
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<tr>
<td>85) 431-930</td>
<td>Log Set</td>
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<tr>
<td>86) 430-097</td>
<td>Air Deflector-Left</td>
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<tr>
<td>87) 433-018</td>
<td>Air Deflector-Right</td>
</tr>
</tbody>
</table>

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

The Warranty: Limited Lifetime

The combustion chamber, heat exchanger, burner tubes/panns, logs, brick panels and gold plating (against defective manufacture only) are covered under the Limited 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 purchase and parts only thereafter.

Special Finishes - One year on brushed nickel and antique copper full screens and doors. You can expect some changes in color as the product "ages" with constant and cooling. FPI warranties the product for any manufacturing defects on the original product. However, the manufacturers warranty does not cover changing colors 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, FPI remote controls, spill switches, thermopiles, thermocouples, pilot assembly con 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 new with appliance. ie. twelve (12) months from original purchase date of appliance with a minimum of three (3) months coverage from date of replacement.

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

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

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

Conditions:

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

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

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

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

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

All claims must be submitted to FPI by authorized selling dealers. It is essential that all submitted claims provide all of the necessary information including custom purchase date, serial #, type of unit, problem, and part or parts requested, without this information the warranty will be invalid.

Exclusions:

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

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

FPI will not be liable for travel costs for service work.

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

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

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

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

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

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

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