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.
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 appliance may only be installed in an aftermarket permanently located, manufactured (U.S.A only) or mobile home, where not prohibited by local codes.

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.

This appliance comes equipped with a dedicated #8 Ground Lug for attachment of the ground wire to the steel chassis as applicable to local codes.

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.

This appliance can only be used with the type of gas indicated on the rating plate. This appliance is not convertible for use with other gases.

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

This appliance may be installed as an OEM installation in a manufactured home (USA only) or mobile home and must be installed in accordance with the manufacturer's instruction and the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, in the Untied States, or the Standard for Installation in Mobile Homes, CAN/CSA Z240 MH, in Canada.

**WARNING**

**HOT GLASS WILL CAUSE BURNS**

**DO NOT TOUCH GLASS UNTIL COOLED**

**NEVER ALLOW CHILDREN TO TOUCH GLASS**
To the New Owner:

Congratulations!
You are the owner of a state-of-the-art Gas Fireplace by REGENCY®. The HZ30E has been designed to provide you with all the warmth and charm of a fireplace at the flick of a switch. The model HZ30E 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.
This is a copy of the label that accompanies each HZ30E-NG and HZ30E-LP Direct Vent Gas Fireplace. We have printed a copy of the contents here for your review.

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.

**COPY OF SAFETY DECAL**

This appliance must be installed in accordance with local codes, if any; if none, follow the National Fuel Gas Code, ANSI Z223.1, or Natural Gas and Propane Installation Code, CSA B149.1.


Install the appliance according to the local codes, if any; if none, follow the National Fuel Gas Code, ANSI Z223.1, or Natural Gas and Propane Installation Code, CSA B149.1. This appliance is only for use with the type of gas indicated on the rating plate and may be installed in an aftermarket, permanently located, manufactured (mobile) home where not prohibited by local codes. See owner's manual for details.

This appliance is 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.

Install the appliance according to the local codes, if any; if none, follow the National Fuel Gas Code, ANSI Z223.1, or Natural Gas and Propane Installation Code, CSA B149.1. This appliance 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.

Door Seal: Please check that the door is properly sealed.

FOR USE WITH GLASS DOORS CERTIFIED WITH THE APPLIANCE ONLY
FOR UTILISATION UNIQUEMENT AVEC LES PORTES EN VERRE CERTIFIEES AVEC L'APPAREIL

Made in Canada/ Fabrique au Canada

FPI Fireplace Products International Ltd. Delta, BC, Canada

918-881a
(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.
UNIT DIMENSIONS

FACEPLATE AND DOOR FRAME DIMENSIONS
**IMPORTANT MESSAGE**

**SAVE THESE INSTRUCTIONS**

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

**BEFORE YOU START**

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

**INSTALLATION AND REPAIR SHOULD BE DONE BY AN AUTHORIZED SERVICE PERSON. THE APPLIANCE SHOULD BE INSPECTED BEFORE USE AND AT LEAST ANNUALLY BY A PROFESSIONAL SERVICE PERSON. MORE FREQUENT CLEANING MAY BE REQUIRED DUE TO EXCESSIVE LINT FROM CARPETING, BEDDING MATERIAL, ETC. IT IS IMPERATIVE THAT CONTROL COMPARTMENTS, BURNERS AND CIRCULATING AIR PASSAGEWAYS OF THE APPLIANCE BE KEPT CLEAN.**

**DUE TO HIGH TEMPERATURES, THE APPLIANCE SHOULD BE LOCATED OUT OF TRAFFIC AND AWAY FROM FURNITURE AND DRAPERIES.**

**WARNING: FAILURE TO INSTALL THIS APPLIANCE CORRECTLY WILL VOID YOUR WARRANTY AND MAY CAUSE A SERIOUS HOUSE FIRE.**

**CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURES, ESPECIALLY THE FIREPLACE GLASS, AND SHOULD STAY AWAY TO AVOID BURNS OR CLOTHING IGNITION.**

**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 circumstance 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.
INSTALLATION CHECKLIST

1) Locate appliance
   a) Room location (Refer to "Locating Your Gas fireplace" section)
   b) Clearances to Combustibles (Refer to "Clearances" section)
   c) Mantle Clearances (Refer to "Mantel Clearances" section)
   d) Framing & Finishing Requirements (Refer to "Framing & Finishing" section)
   e) Venting Requirements (Refer to "Venting" section)

2) Position nailing strips (Refer to "Unit Assembly Prior to Installation").

3) Slide unit into place.

4) Remove installation access panel.

5) Install vent (Refer to "Venting Arrangement" sections).

6) Make gas connections (Refer to "Gas Line Installation section").

7) Make electrical connections to receptacle supplied with unit (recommended).

8) Install 4 AA batteries into receiver/switch box or optional AC power adaptor.

9) Test the pilot (Refer to "Pilot Adjustment" section).

10) Test Gas Pressure (Refer to "Gas Pipe Pressure Testing" section).

11) Install standard and optional features. Refer to the following sections:
    a) Glass Crystals/ Optional Ceramic Stones
    b) Optional Firebox Base Pebbles
    c) Optional Reflective Panels
    d) Optional Fan
    e) Faceplate
    f) Remote Control or Wall Thermostat

12) Reinstall installation access panel.

13) Wall Mounted ON/OFF Switch:
    Use the toggle wall switch supplied with the manual package. Use of a "decor" switch causes higher resistance which is a problem on gas fireplaces.

14) 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 14,000 Btu/h (NG), 13,000 Btu/h (LP) 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.

3) The HZ30E Direct Vent Gas Fireplace can be installed in a recessed position or framed out into the room as in A, B, C and D. See Diagram 1.

LOCATING YOUR GAS FIREPLACE

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

2) The appliance must be installed on a flat, solid, continuous surface For example a wood, metal or concrete floor or in a raised (on the wall) application. The appliance must be installed on a metal or wood panel extending the full width and depth of the appliance.

3) The HZ30E Direct Vent Gas Fireplace can be installed in a recessed position or framed out into the room as in A, B, C and D. See Diagram 1.

Diagram 1

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

Note: For vent terminations refer to "Exterior Vent Termination Locations" section.
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.

<table>
<thead>
<tr>
<th>Clearance:</th>
<th>Dimension</th>
<th>Measured From:</th>
</tr>
</thead>
<tbody>
<tr>
<td>A: Sidewall (on one side)</td>
<td>8&quot; (203mm)</td>
<td>Side of Fireplace Opening</td>
</tr>
<tr>
<td>B: Ceiling (room and/or alcove)</td>
<td>39&quot; (991mm)</td>
<td>Top of Fireplace Opening</td>
</tr>
<tr>
<td>C: Mantel Height (min.)</td>
<td>13-1/4&quot; (330mm)</td>
<td>Top of Fireplace Opening</td>
</tr>
<tr>
<td>D: Mantel Depth (max.)</td>
<td>12&quot; (305mm)</td>
<td>21-1/4&quot; Above Fireplace Opening</td>
</tr>
<tr>
<td>E: Alcove Width</td>
<td>60&quot; (1524mm)</td>
<td>Sidewall to Sidewall (Minimum)</td>
</tr>
<tr>
<td>F: Alcove Depth</td>
<td>36&quot; (914mm)</td>
<td>Front to Back Wall (Maximum)</td>
</tr>
<tr>
<td>G: From Floor</td>
<td>21&quot; (533mm)</td>
<td>Top of Fireplace Opening</td>
</tr>
<tr>
<td>Note:</td>
<td>0&quot;</td>
<td>No hearth required</td>
</tr>
</tbody>
</table>

Flue Clearances to Combustibles

- Horizontal - Top: 3"
- Horizontal - Side: 2"
- Horizontal - Bottom: 2"
- Vertical: 2"
- Passing through wall/floor/ceiling - when firestop is used: 1-1/2"

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.

Installed Close to Floor

Installed Close to Ceiling

Alcove
MANTEL CLEARANCES

Due to the extreme heat this fireplace emits, the mantel clearances are critical. Combustible mantel clearances from top of front facing are shown in the diagram on the right.

Note: Ensure the paint that is used on the mantel and the facing is “High Quality” or the paint may discolour.

MANTEL LEG CLEARANCES

Combustible mantel leg clearances as per diagram:
UNIT ASSEMBLY
PRIOR TO INSTALLATION

The nailing Strips must be correctly positioned and attached before unit is slid into position.

NAILING STRIPS

The nailing strips come attached to the unit. There is 1 plate on each side, 1 on the top, and one on the bottom that can be folded out as required. The top and side nailing strips are secured to the framing. The bottom nailing strip is secured to the unfinished floor - if installing the unit directly on the floor.

IMPORTANT NOTE
Framing depth measurement is noted with the nailing strips set as far forward on the firebox as possible. The nailing strips can be adjusted back up to 1-1/2" to allow for varying thicknesses in non-combustible material & wall finishes.

INSTALLATION ACCESS PANEL

The unit is equipped with a removable access panel for pre-finish installation of optional components - this panel is located on the lower front face.

1) Remove 2 screws to remove access panel.
2) Easier access to gas connection with panel removed.
3) Install any optional components with access panel removed.
4) Reinstall access panel with 2 screws - prior to installing any facing material

Note: Access panel is no longer usable once facing material installed.
# FRAMING DIMENSIONS

<table>
<thead>
<tr>
<th>Framing Dimensions</th>
<th>Description</th>
<th>HZ30E</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Framing Height</td>
<td>33-5/16” (946mm)</td>
</tr>
<tr>
<td>B</td>
<td>Framing Width</td>
<td>31 - 3/16” (792mm)</td>
</tr>
<tr>
<td>C*</td>
<td>Framing Depth*</td>
<td>C1 Horizontal Vent 14 - 1/4” (362mm)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>C2 Vertical Vent, vertical rise - terminating horizontally - 19-1/2” (495mm)</td>
</tr>
<tr>
<td>D</td>
<td>Minimum Height to Combustibles</td>
<td>Rigid 35-1/2” (902mm)</td>
</tr>
<tr>
<td>E</td>
<td>Corner Wall Depth</td>
<td>40-7/8” (1308mm)</td>
</tr>
<tr>
<td>F</td>
<td>Corner Facing Wall Width</td>
<td>57-13/16” (1468mm)</td>
</tr>
<tr>
<td>G</td>
<td>Vent Centerline Height</td>
<td>Rigid 29-1/4” (743mm)</td>
</tr>
<tr>
<td>H</td>
<td>Non-combustible facing height</td>
<td>13-1/4” (367mm)</td>
</tr>
<tr>
<td>I</td>
<td>Gas Connection Opening Height</td>
<td>2” (51mm)</td>
</tr>
<tr>
<td>J</td>
<td>Gas Connection Height</td>
<td>3-1/4” (83mm)</td>
</tr>
<tr>
<td>K</td>
<td>Gas Connection Inset</td>
<td>4-1/8” (105mm)</td>
</tr>
<tr>
<td>L</td>
<td>Gas Connection Opening Width</td>
<td>3-1/2” (89mm)</td>
</tr>
</tbody>
</table>

*Framing depth measurement is noted with the nailing strips set as far forward on the firebox as possible. The nailing strips can be adjusted back up to 1-1/2” to allow for varying thicknesses in non-combustible material & wall finishes.

**Note:** All other framing may be of wood construction.
1) Frame in the enclosure for the unit with framing material.

IMPORTANT: The framed opening must be of non-combustible 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) Non-combustible material (ie. tile, slate, etc) may be brought up to and overlap the unit (top and bottom) ensuring that the maximum thickness does not go beyond the 1-1/2" as shown in the diagram below. The faceplate will not be able to be mounted if finished material is beyond 1-1/2".

5) If material such as brick, stone, etc extends past the faceplate depth (1-1/2"), when finishing around the faceplate, the minimum opening dimensions noted below must be adhered to ensuring for the removal of the faceplate and for the safe operation of this appliance.

6) For material such as brick, stone, etc that extends less than 1-1/2" , the minimum opening dimensions noted below must be adhered, when finishing around the faceplate. This is to ensure the removal of the faceplate and for the safe operation of this appliance.

7) If finishing the unit with the inner faceplate only - the finishing material may be brought up to the edge of the unit.

Important: 1/2" gap required between faceplate and finished wall when using part #316-924, 316-926, 316-927 (4 pc. faceplate).
When using part # 316-934, 316-936 and 316-937 (outer faceplate) the 1/2" gap is not necessary.
## Framing & Finishing

<table>
<thead>
<tr>
<th>Finished Material</th>
<th>Nailing Strip Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot;</td>
<td>1&quot;</td>
</tr>
<tr>
<td>1&quot;</td>
<td>1/2&quot;</td>
</tr>
<tr>
<td>1-1/2&quot;</td>
<td>0&quot; (flush)</td>
</tr>
</tbody>
</table>

### Non-combustible Materials

- **Metal Stud (header) on edge**: Metal Stud
- **Non-combustible Material**: 32-11/16" (830mm)
- **Non-combustible Material**: 29-1/8"
- **Non-combustible Material**: 27-15/16" (719mm)

### Note:

Depending on the material used for finishing, the nailing strips must be set accordingly so that the finished material is always at the 1-1/2" edge of the flange.
**EXTERIOR VENT TERMINATION REQUIREMENTS**

<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>19&quot; (48cm)</td>
<td>19&quot; (48cm)</td>
</tr>
<tr>
<td>E Clearance to unvented 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>6&quot; (15cm)</td>
<td>6&quot; (15cm)</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>6&quot; (15cm)</td>
<td>6&quot; (15cm)</td>
</tr>
<tr>
<td>H Clearance to each side of center line extended above meter/regulator assembly</td>
<td>36&quot; (90cm)³</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)⁵</td>
</tr>
<tr>
<td>M Clearance above paved sidewalk or a paved driveway located on public property</td>
<td>84&quot; (2.1m)⁶</td>
<td>-</td>
</tr>
<tr>
<td>N Clearance under veranda, porch, deck, or balcony</td>
<td>12&quot; (30cm)⁷</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
⁴ Permitted only if veranda, porch, deck, or balcony is fully open on a minimum of two sides beneath the floor
⁵ Clearance in accordance with local installation codes and the requirements of the gas supplier
⁶ 3 feet (91cm) within a height of 15 feet (4.5m) above the meter / regulator assembly
⁷ 3 feet (91cm) above - if within 10 feet (3m) horizontally

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Regency Horizon™ HZ30E Gas Fireplace
**Regency Horizon™ HZ30E Gas Fireplace**

**INSTALLATION**

4" X 6-5/8" RIGID PIPE

**CROSS REFERENCE CHART ONLY**

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® Amerivent Direct</th>
<th>Metal-Fab™ Sure Seal</th>
<th>Security Secure-Vent®</th>
<th>ICC Excel Direct</th>
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<tbody>
<tr>
<td>6&quot; Pipe Length - Galvanized</td>
<td>46DVA-06</td>
<td>4DT-6</td>
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<td>SV4L6</td>
<td>TC-4DL6</td>
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<td>4D6B</td>
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<td>TC-4DL6B</td>
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<td>N/A</td>
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<td>46DVA-12</td>
<td>4DT-12</td>
<td>4D12</td>
<td>4D12</td>
<td>SV4L12</td>
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<td>12&quot; Pipe Length - Black</td>
<td>46DVA-12B</td>
<td>4DT-12B</td>
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<td>4D12B</td>
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<td>18&quot; Pipe Length - Galvanized</td>
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<td>4D18</td>
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<tr>
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<td>46DVA-18B</td>
<td>4DT-18B</td>
<td>4D18B</td>
<td>4D18B</td>
<td>SV4LA</td>
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<td>24&quot; Pipe Length - Galvanized</td>
<td>46DVA-24</td>
<td>4DT-24</td>
<td>4D24</td>
<td>4D24</td>
<td>SV4L24</td>
<td>TC-4DL2</td>
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<tr>
<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>
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<td>4D36B</td>
<td>SV4LB36</td>
<td>TC-4DL3B</td>
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<td>48&quot; Pipe Length - Galvanized</td>
<td>46DVA-48</td>
<td>4DT-48</td>
<td>4D48</td>
<td>4D48</td>
<td>SV4L48</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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<td>60&quot; Pipe Length - Black</td>
<td>46DVA-60B</td>
<td>4DT-60B</td>
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<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Adjustable Length 3&quot;-10&quot;- Galvanized</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>4DAL</td>
<td>N/A</td>
<td>TC-4DLT</td>
</tr>
<tr>
<td>Adjustable Length 3&quot;-10&quot;- Black</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>4DALB</td>
<td>N/A</td>
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<tr>
<td>Adjustable Length 7&quot;- Galvanized</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Adjustable Length 7&quot;- Black</td>
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<td>N/A</td>
<td>N/A</td>
<td>4D7A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>Extension Pipe 8-1/2&quot;- Galvanized</td>
<td>46DVA-08A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<tr>
<td>Extension Pipe 8-1/2&quot;- Black</td>
<td>46DVA-08AB</td>
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<tr>
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<td>46DVA-16A</td>
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<td>Extension Pipe 16&quot;- Black</td>
<td>46DVA-16AB</td>
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<tr>
<td>45° Elbow - Galvanized</td>
<td>46DVA-E45</td>
<td>4DT-EL45</td>
<td>4D45L</td>
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<td>TE-4DE45</td>
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<tr>
<td>45° Elbow - Black</td>
<td>46DVA-E45B</td>
<td>4DT-EL45B</td>
<td>4D45L</td>
<td>N/A</td>
<td>N/A</td>
<td>TE-4DE45B</td>
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<tr>
<td>45° Elbow Swivel - Galvanized</td>
<td>See 46DVA-E45</td>
<td>N/A</td>
<td>N/A</td>
<td>4D45L</td>
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<tr>
<td>45° Elbow Swivel - Black</td>
<td>See 46DVA-E45B</td>
<td>N/A</td>
<td>N/A</td>
<td>4D45LB</td>
<td>SV4EB45</td>
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<td>90° Elbow - Galvanized</td>
<td>46DVA-E90</td>
<td>4DT-EL90S</td>
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<td>TE-4DE90</td>
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<td>90° Elbow - Black</td>
<td>46DVA-E90B</td>
<td>4DT-EL90SB</td>
<td>4D45L</td>
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<td>TE-4DE90B</td>
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<td>N/A</td>
<td>4D90L</td>
<td>SV4EB90-1</td>
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<td>N/A</td>
<td>N/A</td>
<td>4D90LB</td>
<td>SV4EB90-1</td>
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<td>Adaptor*</td>
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<td>N/A</td>
<td>4D90L</td>
<td>N/A</td>
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<tr>
<td>Ceiling Support</td>
<td>N/A</td>
<td>4DT-CS</td>
<td>4DFSP</td>
<td>4DSP</td>
<td>SV4SD</td>
<td>TE-4DE45</td>
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<tr>
<td>Cathedral Support Box</td>
<td>46DVA-CS</td>
<td>4DT-CSS</td>
<td>4DRSB</td>
<td>4DRS</td>
<td>SV4CSB</td>
<td>TE-4DE45B</td>
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<td>Wall Support/Band</td>
<td>46DVA-WS</td>
<td>4DT-WS/B</td>
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<td>SV4CM</td>
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<td>Offset Support</td>
<td>46DVA-ES (N/A - FPI)</td>
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<td>SV4SU</td>
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<td>Wall Thimble-Black</td>
<td>46DVA-WT</td>
<td>4DT-WT</td>
<td>4DWT</td>
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<td>SV4RBM</td>
<td>TE-4DE90</td>
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<td>Wall Thimble Support/Ceiling Support</td>
<td>46DVA-DC</td>
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<td>N/A</td>
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<td>Firestop Spacer</td>
<td>46DVA-FS</td>
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<td>4DT-TP</td>
<td>4DFPB</td>
<td>4DCP</td>
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Regency Horizon™ HZ30E Gas Fireplace
<table>
<thead>
<tr>
<th>Description</th>
<th>Simpson Direct Vent Pro®</th>
<th>Selkirk Direct-Temp™</th>
<th>American Metal Products® Amaretto Direct</th>
<th>Metal-Fab™ Sure Seal</th>
<th>Security Secure-Vent®</th>
<th>ICC Excel Direct</th>
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<td>Attic Insulation Shield 12&quot;</td>
<td>46DVA-IS N/A FPI</td>
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<td>N/A</td>
<td>4DAIS12</td>
<td>N/A</td>
<td>N/A</td>
<td>4DAIS12 N/A</td>
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| Basic Horizontal Termination Kit (A)                                        | Disc.                    | 4DT-HKA              | 4DHTK2                                   | 4DHTKA              | SV-SHK               | N/A               |
| Horizontal Termination Kit (B)                                               | 46DVA-KHA                | 4DT-HKB              | 4DHTK1                                   | 4DHTKB              | SV-HK                | N/A               |
| Vertical Termination Kit                                                     | Disc.                    | 4DT-VKC              | 4DHTK                                    | 4DHTK               | SV-FK                | N/A               |

| High Wind Vertical Cap                                                       | 46DVA-VCH                | N/A                  | N/A                                      | N/A                 | N/A                  | N/A               |
| High Wind Horizontal Cap                                                     | 46DVA-HC                 | N/A                  | N/A                                      | N/A                 | N/A                  | N/A               |
| Horizontal Square Termination Cap                                           | See 46DVA-HC             | 4DT-HHC              | 4DHC                                     | 4DHT                 | SV4HC-1              | TM-4HT            |
| Vertical Termination Cap                                                     | 46DVA-VC                 | 4DT-HVC              | 4DVC                                     | 4DVT                 | SV4CGV-1             | TM-4VT            |
| Storm Collar                                                                | 46DVA-08A                | 4DT-SC               | 4DSC                                     | 4DSC                 | SV4FC                | TM-SC             |

| Adjustable Flashing 0/12-6/12                                               | 46DVA-F6                 | 4DT-ST14             | 4D12S                                    | 4DST14               | SV4STC14             | TF-4FA            |
| Adjustable Flashing 6/12-12/12                                              | 46DVA-FLA                | 4DT-ST36             | 4D36S                                    | 4DST36               | SV4STC36             | TF-4FB            |

| Vinyl Siding Standoff                                                       | 46DVA-VSS                | 4DT-VS               | N/A                                      | 4DV                  | SV4VS                | TM-VSS            |
| Vinyl Siding Shield Plate                                                   | N/A                      | 4DT-VSP              | N/A                                      | N/A                  | N/A                  | SV4VS N/A         |

| Snorkel Termination 14"                                                    | 46DVA-SNKL               | N/A                  | N/A                                      | N/A                  | N/A                  | TM-4ST14          |
| Snorkel Termination 36"                                                    | N/A                      | N/A                  | N/A                                      | N/A                  | N/A                  | TM-4ST36          |

| Restrictor Disk                                                            | N/A                      | N/A                  | N/A                                      | N/A                  | N/A                  | TM-4DS            |
| Extended Vertical Termination Cap                                          | N/A                      | N/A                  | N/A                                      | N/A                  | N/A                  | N/A               |
| Chimney Conversion Kit A (USA only)                                        | 46DVA-KCA                | N/A                  | N/A                                      | N/A                  | N/A                  | N/A               |
| Chimney Conversion Kit B (USA only)                                        | 46DVA-KCB                | N/A                  | N/A                                      | N/A                  | N/A                  | N/A               |
| Chimney Conversion Kit C (USA only)                                        | 46DVA-KCC                | N/A                  | N/A                                      | N/A                  | N/A                  | N/A               |
| Chimney Conversion Kit Masonry (USA only)                                  | 46DVA-KMC                | N/A                  | N/A                                      | N/A                  | N/A                  | N/A               |
| Wall Firestop                                                              | 46DVA-WFS                | N/A                  | N/A                                      | N/A                  | N/A                  | TM-4TR            |
| Colinear Flex Connectors                                                    | 46DVA-ADF                | N/A                  | N/A                                      | N/A                  | N/A                  | N/A               |

| FPI                                                                         | 946-506/P                | 496-205               | 946-209/P                                | 946-206/P            | 946-523/P            | 946-527/P          |
| 510-994                                                                    | Rigid Pipe Adaptor (Must use with all rigid piping) | 946-208/P            | Vent Guard (Optional) for Riser Vent Terminal | 946-206/P            | 946-523/P            | AstroCap Horizontal Cap |
| 640-530/P                                                                 | Riser Vent Terminal      | 946-527/P            | 946-206/P                                | 946-523/P            | 946-527/P            | AstroCap Horizontal Cap |

**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:** Use this table to determine offset pipe lengths.

<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>25-5/8” (524mm)</td>
<td>29-1/8” (740mm)</td>
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</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.
VENT RESTRICTOR POSITION

Vent restriction is required for certain venting installations, see the diagrams in the "Venting Arrangements" section to determine if they are required for your installation.

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

To set the vent restriction as indicated in the venting arrangements diagrams, refer to the following instructions;

1) Remove the glass door - see instructions in this manual.

2) Remove the screws that hold the vent restrictor plate in place.

3) Adjust the vent restrictor plate to the required vent restrictor position as per the diagrams shown.

4) Once the vent restrictor plate is in the required position, secure with screws.
VENTING INTRODUCTION

The HZ30E 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.

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 it's own separate vent system. Common vent systems are prohibited.

VENTING ARRANGEMENT FOR HORIZONTAL TERMINATIONS

The diagram shows all allowable combinations of vertical runs with horizontal terminations, using one 90° (two 45° elbows equal one 90° elbow). (Not including the starting 45° elbow at the flue collar when using rigid venting.)

Note: Must use optional rigid pipe adapter (Part# 510-994) when using Rigid Pipe Venting Systems.

VENT RESTRICTOR SETTING:

Vent restrictor factory set at Set 0.

Refer to the “Vent Restrictor Position” section for details on how to change the vent restrictor from the factory setting of Set 0 to Set 1 if required.

Note: For horizontal terminations the Regency Direct Vent Flex System may be used for installations with a maximum continuous vent length of up to 10 feet. If longer runs are required, rigid pipe must be used.

- Maintain clearances to combustibles as listed in “Clearances” section
- Horizontal vent must be supported every 3 feet.
- Firestops are required at each floor level and whenever passing through a wall.
- A vent guard should be used whenever the termination is lower than the specified minimum or as per local codes.
- Flex system can only be used up to 10 feet - otherwise rigid venting must be used.
HORIZONTAL TERMINATIONS
FLEX VENT 4" X 6-7/8"

These venting systems, in combination with the HZ30E Direct Vent Gas Fireplace, has 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 Vent Terminal Locations diagram in "Exterior Vent Termination Locations" section.

Regency® Direct Vent (Flex) System Termination Kits includes all the parts needed to install the HZ30E using a flexible vent.

<table>
<thead>
<tr>
<th>FPI Kit #</th>
<th>Length</th>
<th>Contains:</th>
</tr>
</thead>
</table>
| #946-513  | 2 Feet | 1) 6-7/8" flexible outer liner (Kit length)  
          |        | 2) 4" flexible inner liner (Kit length)      
          |        | 3) spring spacers                            
          |        | 4) thimble                                    
          |        | 5) AstroCap termination cap                   
          |        | 6) screws                                     
          |        | 7) tube of Mill Pac                            
          |        | 8) plated screws                              
          |        | 9) S.S. screws #8 x 1-1/2" drill point         |
| #946-515  | 4 Feet |                                                      |
| #946-516  | 10 Feet|                                                      |

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

3) Horizontal vent must be supported every 3 feet.

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

5) Flex system can only be used up to a maximum continuous vent length of up to 10 feet. If longer runs are required, rigid pipe must be used.
HORIZONTAL TERMINATIONS
RIGID PIPE 4" X 6-5/8"

The minimum components required for a basic horizontal termination are:

1. Horizontal Termination Cap
2. 45° Elbow
3. Rigid Pipe Adaptor (510-994)
4. Wall Thimble
5. Length of pipe to suit wall thickness
   (see chart)

Wall thickness is measured from the back standoffs to the inside mounting surface of termination cap. 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. Measure the wall thickness including furring strips.

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.

<table>
<thead>
<tr>
<th>Wall Thickness (inches)</th>
<th>Vent Length Required (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; - 5-1/2&quot;</td>
<td>6&quot;</td>
</tr>
<tr>
<td>7&quot; - 8-1/2&quot;</td>
<td>9&quot;</td>
</tr>
<tr>
<td>10&quot; - 11-1/2&quot;</td>
<td>12&quot;</td>
</tr>
<tr>
<td>9&quot; - 14-1/2&quot;</td>
<td>11&quot; - 14-5/8&quot; Adj. Pipe</td>
</tr>
<tr>
<td>15&quot; - 23-1/2&quot;</td>
<td>17&quot; - 24&quot; Adj. Pipe</td>
</tr>
</tbody>
</table>

**WARNING:**

Do not combine venting components from different venting systems.

However use of the 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, ICC Excel Direct and Security Secure Vent systems. Use of these systems with the Rigid Pipe adaptor is deemed acceptable and does not affect the Intertek WHI listing of components.
HORIZONTAL TERMINATIONS
RIGID PIPE 4” X 6-5/8”

The diagrams below shows examples of horizontal termination arrangements using one, two, or three 90° elbows (two 45° elbows equal one 90° elbow)

1) A maximum of three 90° elbows are permitted (not including the starting 45° elbow at the flue collar when using rigid venting).

2) Minimum distance between elbows is 1 ft. (305mm).

- Maintain clearances to combustibles as listed in the "Clearances" section.
- Horizontal vent must be supported every 3 feet.
- Firestops are required at each floor level and whenever passing through a wall.
- Must use optional rigid pipe adaptor (Part# 510-994) when using rigid pipe vent systems.
- A vent guard should be used whenever the termination is lower than the specified minimum or as per local codes.
- Flex system can only be used up to 10 feet - otherwise rigid venting must be used.

### Minimum centerline for basic install shown above.

<table>
<thead>
<tr>
<th>Option</th>
<th>V</th>
<th>H</th>
</tr>
</thead>
<tbody>
<tr>
<td>A)</td>
<td>1' (305mm) Minimum</td>
<td>3' (914mm) Maximum</td>
</tr>
<tr>
<td>B)</td>
<td>2' (610mm) Minimum</td>
<td>6' (1.86m) Maximum</td>
</tr>
<tr>
<td>C)</td>
<td>3' (914mm) Minimum</td>
<td>9' (2.7m) Maximum</td>
</tr>
<tr>
<td>D)</td>
<td>4' (1.22m) Minimum</td>
<td>12' (3.6m) Maximum</td>
</tr>
<tr>
<td>E)</td>
<td>5' (1.5m) Minimum</td>
<td>15' (4.5m) Maximum</td>
</tr>
<tr>
<td>F)</td>
<td>6' (1.86m) Minimum</td>
<td>17' (5.1m) Maximum</td>
</tr>
</tbody>
</table>

With the above options, maximum total pipe length if 37 feet with minimum of 6 feet total vertical and maximum 17 feet total horizontal. 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>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>

With these options, maximum total pipe length is 28 feet with minimum of 6 feet total vertical and maximum 8 feet total horizontal. Please note minimum 1 foot between 90° elbows is required.

Restrictor Position - Set 0 (factory setting)

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>

With these options, maximum total pipe length is 28 feet with minimum of 11 feet total vertical and maximum 9 feet total horizontal. Please note minimum 1 foot between 90° elbows is required.

Restrictor Position - Set 0 (factory setting)
Horizontal Venting with Three (3) 90° Elbows

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' Min.</td>
<td>1' Max.</td>
<td>3' Min.</td>
<td>4' Max.</td>
</tr>
<tr>
<td>B)</td>
<td>3' Min.</td>
<td>2' Max.</td>
<td>4' Min.</td>
<td>5' Max.</td>
</tr>
<tr>
<td>C)</td>
<td>4' Min.</td>
<td>3' Max.</td>
<td>6' Min.</td>
<td>6' Max.</td>
</tr>
<tr>
<td>D)</td>
<td>5' Min.</td>
<td>4' Max.</td>
<td>8' Min.</td>
<td>7' Max.</td>
</tr>
<tr>
<td>E)</td>
<td>6' Min.</td>
<td>5' Max.</td>
<td>10' Min.</td>
<td>8' Max.</td>
</tr>
<tr>
<td>F)</td>
<td>7' Min.</td>
<td>6' Max.</td>
<td>12' Min.</td>
<td>9' Max.</td>
</tr>
</tbody>
</table>

With these options, maximum total pipe length is 28 feet with minimum of 12 feet total vertical and maximum 9 feet total horizontal.

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

Restrictor Position - Set 0 (factory setting)
VENTING ARRANGEMENT FOR VERTICAL TERMINATIONS
Vertical Venting with One(1) 90° Elbows (1 - 90° 2 - 45°)

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 Venting Systems.

Two 45° elbows equal to one 90° elbow, not including the starting 45° elbow at the flue collar.

- Vent must be supported at offsets.
- Minimum distance between elbows is 1 ft. (305mm).
- Maintain clearances to combustibles as listed in the "Clearances" section.
- Horizontal vent must be supported every 3 feet.
- Firestops are required at each floor level and whenever passing through a wall.
- Must use optional rigid pipe adaptor (Part# 510-994) when using rigid pipe vent systems.
- Refer to the "Vent Restrictor Position" section for details on how to change the vent restrictor from the factory setting of Set 0 to Set 1 or Set 2 if required.
VENTING ARRANGEMENTS - VERTICAL TERMINATIONS
with Co-linear Flex System for both Residential & Manufactured Homes into Masonry Fireplaces

The shaded area in the diagrams show the allowable vertical terminations when using two 3" co-linear aluminium flex and 4 x 6-5/8" rigid pipe.
VERTICAL TERMINATION
WITH CO-LINEAR FLEX SYSTEM

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.

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.

Required Parts:

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>946-529</td>
<td>Co-linear DV Vertical Termination Cap</td>
</tr>
<tr>
<td>948-305</td>
<td>3&quot; Flex - 35 ft.</td>
</tr>
<tr>
<td>946-563</td>
<td>Co-Axial to Co-Linear Adapter Kit</td>
</tr>
<tr>
<td></td>
<td>which contains the following:</td>
</tr>
<tr>
<td></td>
<td>Co-linear Flex Adapter</td>
</tr>
<tr>
<td></td>
<td>Outer Pipe</td>
</tr>
<tr>
<td></td>
<td>Inner Pipe Adapter</td>
</tr>
<tr>
<td>510-994</td>
<td>Rigid Pipe Adapter</td>
</tr>
<tr>
<td>46DVA-E45</td>
<td>45° Elbow</td>
</tr>
</tbody>
</table>

Alternate Approved Caps

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>46DVA-VC</td>
<td>Vertical Termination Cap</td>
</tr>
<tr>
<td>46DVA-VCH</td>
<td>High Wind Cap</td>
</tr>
<tr>
<td>46DVA-GK</td>
<td>3&quot; Co-linear Adapter with flashing</td>
</tr>
</tbody>
</table>

THE APPLIANCE MUST NOT BE CONNECTED TO A CHIMNEY FLUE SERVING A SEPARATE SOLID FUEL BURNING APPLIANCE.
VERTICAL TERMINATIONS
RIGID PIPE 4" X 6-5/8"

- Two 45° elbows equal to one 90° elbow. Maximum of four 45° elbows allowed, not including the starting 45° elbow at the flue collar.
- Vent must be supported at offsets.
- Minimum distance between elbows is 1 ft. (305mm).
- Maintain clearances to combustibles as listed in the "Clearances" section.
- Horizontal vent must be supported every 3 feet.
- Firestops are required at each floor level and whenever passing through a wall.
- Must use optional rigid pipe adaptor (Part# 510-994) when using rigid pipe vent systems.

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

*One 90° elbow = Two 45° elbows.*

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

With these options, maximum total pipe length is 28 feet with minimum of 6 feet total vertical and maximum 8 feet total horizontal.

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

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

*One 90° elbow = Two 45° elbows.*

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

With these options, maximum total pipe length is 28 feet with minimum of 6 feet total vertical and maximum 6 feet total horizontal.

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

Restrictor Position - Set 0 (factory setting)
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 28 feet with min. of 11 feet total vertical and max. 7 feet total horizontal. Please note min. 1 foot between 90° elbows is required.

Restrictor Position - Set 0 (factory setting)

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 28 feet with min. of 10 feet total vertical and max. 8 feet total horizontal. Please note min. 1 foot between 90° elbows is required.

Restrictor Position - Set 0 (factory setting)
UNIT INSTALLATION WITH HORIZONTAL TERMINATION
4" X 6-5/8"
VENTING
(Rigid Vent Systems)

Minimum Vent Clearances to Combustibles

* Clearances noted below must be maintained; except when passing through a wall, ceiling or at the termination where the use of a firestop or wall thimble reduces clearance to 1-1/2” (38mm).

<table>
<thead>
<tr>
<th>Framing Size</th>
<th>Recommended Framed Opening Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot; (76mm)</td>
<td>Vent Size</td>
</tr>
<tr>
<td>2&quot; (51mm)</td>
<td>Framing Size</td>
</tr>
<tr>
<td>2&quot; (51mm)</td>
<td>Vertical Vent</td>
</tr>
<tr>
<td>2&quot; (51mm)</td>
<td>Horizontal Bottom</td>
</tr>
<tr>
<td>2&quot; (51mm)</td>
<td>Horizontal Side</td>
</tr>
<tr>
<td>3&quot; (76mm)*</td>
<td>Horizontal Top</td>
</tr>
</tbody>
</table>

Below are the recommended framing dimensions (inside measurements) for the 4" x 6-5/8” rigid vent terminations - for use with a firestop or wall thimble.

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

6) Mark the wall for a square hole - see chart to left for size. The center of the square hole should line up with the center-line of the horizontal pipe. Cut and frame the square hole in the exterior wall where the vent will be terminated. See diagram 2 for center line requirements.

7) Ensure that the pipe clearances to combustible materials are maintained (Diagram 5). Install the termination cap.

Note: For best results and optimum performance with each approved venting system, it is highly recommended to apply “Mill-Pac” sealant (supplied) to every inner pipe connection. Failure to do so may result in drafting or performance issues not covered under warranty. Silicone (red RTV) is optional.

Horizontal runs of vent must be supported every 3 feet (0.9meter). Wall straps are available for this purpose.

8) Before connecting the horizontal run of vent pipe to the vent termination, slide the Wall Thimble over the vent pipe. The wall thimble is required for all horizontal terminations.

9) 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 (32mm). Secure the connection between the vent pipe and the vent cap.

10) Install wall thimble in the center of the framed hole and attach with wood screws (Diagram 7).
UNIT INSTALLATION WITH HORIZONTAL TERMINATION
4" X 6-5/8"
VENTING
(Flex Vent Systems)

Minimum Vent Clearances to Combustibles

* Clearances noted below must be maintained; except when passing through a wall, ceiling or at the termination where the use of a firestop or wall thimble reduces clearance to 1” (25mm).

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Horizontal Top*</td>
<td>3”</td>
</tr>
<tr>
<td>Horizontal Side</td>
<td>2”</td>
</tr>
<tr>
<td>Horizontal Bottom</td>
<td>2”</td>
</tr>
<tr>
<td>Vertical Vent</td>
<td>2”</td>
</tr>
</tbody>
</table>

Below are the recommended framing dimensions (inside measurements) for the 4" x 6-5/8" and 5" x 8" rigid vent terminations - for use with a firestop or wall thimble.

<table>
<thead>
<tr>
<th>Recommended Framed Opening Size</th>
<th>Vent Size</th>
<th>Framing Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; x 6 - 5/8&quot;</td>
<td>10” x 10”</td>
<td></td>
</tr>
</tbody>
</table>

1) Locate the unit in the framing, rough in the gas (preferably on the right side of the unit). Locate the centerline of the termination and mark wall accordingly. Cut an square hole in the wall - see chart (inside dimension).

Note: If installing termination on a siding covered wall, a vinyl siding standoff or vinyl furring strips must be used to ensure that the termination is not recessed into the siding.

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 inner flue collar of the termination and slipping the inner flex 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 outer flex pipe and slip it over the outer flue 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.

5) Slip the assembled liner and termination assembly through the thimble making sure the termination cap faces up (there are markings on the cap indicating 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 inner and outer flex liner out enough to slip over the flue collars of the fireplace. (You may wish to cut the liner shorter to make it more workable.) Do not bend liner more than 90°. The liners must slip over the collars a minimum of 1-3/8”.

7) Apply Mill Pac over the fireplace inner flue collar and slip the inner flex liner down over it and attach with 3 supplied screws.

8) Do the same with the outer flue collar and outer flex 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.
UNIT INSTALLATION
WITH VERTICAL TERMINATION
4" X 6-5/8" VENTING
(Rigid Vent Systems)

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 a plumb bob down from the ceiling to 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 in 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.

Note: All vertical terminations are vented using 4" x 6-5/8" venting and rigid pipe adaptor #510-994.

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 rails, 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.

NOTE: For best results and optimum performance with each approved venting system, it is highly recommended to apply "Mill-Pac" sealant (supplied) to every inner pipe connection. Failure to do so may result in drafting or performance issues not covered under warranty. Silicone (red RTV) is optional.

Diagram 3: The upper half of the flashing is installed under the roofing material and not nailed down until the chimney is installed. This allows for small adjustments.

Diagram 4

Note: All vertical terminations are vented using 4" x 6-5/8" venting and rigid pipe adaptor #510-994.
INSTALLATION

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).

- **Burner**
- **Flame Sensor**
- **Pilot**
- **Ignitor**

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.

GAS PIPE PRESSURE TESTING

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

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

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

1) Make sure the valve is in the "OFF" position.
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 and turn the valve to "ON" position.
5) The pressure check should be carried out with the unit burning and the setting should be within the limits specified on the safety label.
6) When finished reading manometer, turn off the gas valve, disconnect the hose and tighten the screw (clockwise) with a 1/8" flat screwdriver. *Note: Screw should be snug, but do not over tighten.*

880 S.I.T. VALVE DESCRIPTION

1) Pilot adjustment
2) Outlet Pressure Tap
3) Inlet Pressure Tap
4) Pilot Outlet
5) Main Gas Outlet
6) Main Gas Inlet

AERATION ADJUSTMENT

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

Minimum Air Shutter Opening:

- **NG**: Fully Closed
- **LP**: 1/8"

Note: Any damage due to carboning resulting from improperly setting the aeration controls is **NOT** covered under warranty.

HIGH ELEVATION

This unit is approved for altitude 0 to 4500 ft. (CAN1 2.17-M91).

GAS LINE INSTALLATION

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.

**NOTE:** A shutoff / dante valve should be supplied in or near the unit (or as per local codes) for ease of servicing this appliance.

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

<table>
<thead>
<tr>
<th>HZ30E-NG SYSTEM DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min. Supply Pressure</td>
</tr>
<tr>
<td>Manifold Pressure</td>
</tr>
<tr>
<td>Orifice Size</td>
</tr>
<tr>
<td>Maximum Input</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HZ30E-LP SYSTEM DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Min. Supply Pressure</td>
</tr>
<tr>
<td>Manifold Pressure</td>
</tr>
<tr>
<td>Orifice Size</td>
</tr>
<tr>
<td>Maximum Input</td>
</tr>
</tbody>
</table>
WIRING DIAGRAM

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.

PROFLAME REMOTE SYSTEM GTMF

Note: Do not use a 9 volt battery.

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.

Caution: Ensure that the wires do not touch any hot surfaces and are away from sharp edges.

CAUTION: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.
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 firebox (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).
Regency Horizon™ HZ30E Gas Fireplace

PROFLAME REMOTE SYSTEM GTMF WITH OPTIONAL FAN

Ground
Neutral
Live
Black
Black
Black
Red
Black

Proflame System Configuration
880 GTMF Wire Diagram

SureFire™ Switch
0.584.523 S-Receiver
0.584.907 GTMFS Wire Harness
0.564.121 Fan Control Module

0.580.001 Proflame Valve
Electronic Modulation

Pilot Ground Wire
Chassis Ground

0.584.912 DFC Wire Harness Assembly
(Includes: Pilot Grnd & CPI/PI Switch)

Thermostat (Optional)
See optional wall thermostat installation in this manual.

Fan Thermodisc (normally open)

Ground
Neutral
Live
Black
Green
Black
Black

120V AC
60 Hz

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

Caution: Ensure that the wires do not touch any hot surfaces and are away from sharp edges.
OPTIONAL FAN WIRING DIAGRAM
WITHOUT PROFLAME GTMF SYSTEM

Electrical Connection Alternative Scheme "A", Power at Stove

Wall Junction Box
Speed Control Switch with lead wires (Regency)
Wire Nuts
14 AWG wire
*Wire Clamp
Receptacle Box inside stove
*Receptacle (dedicated use by stove fan only)
Copper Ground
120 Volts
60 Hz
14 AWG wire

Electrical Connection Alternative Scheme "B", Power at Switch

Wall Junction Box
Speed Control Switch with lead wires
Wire Nuts
Black (Hot)
120 Volts
60 Hz
White (Neutral)
Copper Ground
Wire
Copper Ground
14 AWG wire
*Wire Clamp
Receptacle Box inside stove
*Receptacle (dedicated use by unit fan only)

* = supplied with fan kit
Other parts are to be supplied by electrician or installer

Note: If optional DC adapter is used—be sure fan is in ON position.

Caution: Ensure that the wires do not touch any hot surfaces and are away from sharp edges.

CAUTION: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.
Optional REMOTE CONTROL

Use the Regency® Remote Control approved for this unit. Use of other systems may void your warranty.

The remote control comes with a hand held transmitter, a receiver is supplied with the unit.

Proflame GT remote control (HZ30E Surefire) 946-700
RF remote, ON/OFF Thermostat, ON/OFF Flame Control
Large blue backlit LCD screen with temperature display. (Receiver comes with unit, not included with remote.)

Proflame GTMF remote control (HZ30E Surefire) 946-703
RF remote, ON/OFF Thermostat, ON/OFF Flame Control (Note: HZ30E has no flame adjustment)
ON/OFF fan control with 3-stage adjustment. Requires a fan (if not included), to be installed for fan function to operate.
Large blue backlit LCD screen with temperature display. (Receiver comes with unit, not included with remote.)

RECEIVER WALL SWITCH
(Included with Unit)

1) Run the supplied 10’ of the wire harness through the right or left side gas inlet opening- connect the ON/OFF wire harness. Be careful not to damage wire.

2) 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.

3) Connect the wire to the receiver wall switch and install into the low voltage receptacle box.

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

CAUTION
Do not wire millivolt wall switch wires to 120V wire.
OPTIONAL WALL THERMOSTAT INSTALLATION

This installation must be completed during initial install with the front access panel removed.

A wall thermostat may be installed if desired.
Recommended: Mount thermostat beside unit receiver.

1) Run wires from thermostat into the unit using the appropriate wire gauge - see chart below.

<table>
<thead>
<tr>
<th>Wire Size</th>
<th>Max. Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>14 GA.</td>
<td>50 Ft.</td>
</tr>
<tr>
<td>16 GA.</td>
<td>32 Ft.</td>
</tr>
<tr>
<td>18 GA.</td>
<td>20 Ft.</td>
</tr>
<tr>
<td>20 GA.</td>
<td>12 Ft.</td>
</tr>
<tr>
<td>22 GA.</td>
<td>9 Ft.</td>
</tr>
</tbody>
</table>

2) Remove the green wire marked (TH) at the white connector - shown below.

3) Connect one thermostat lead to female connector, using male spade connector - see pic below.

4) Connect one thermostat lead to male connector using female spade connector - see pic below.

When complete turn remote receiver to the ON position. Unit will now operate using the wall thermostat.
WALL MOUNT ON / OFF SWITCH AND RECEIVER INSTALLATION
REQUIRED FOR ALL INSTALLATIONS - INCLUDING PROFLAME REMOTE CONTROLS

IMPORTANT INSTALLATION NOTE:

The Receiver must be placed inside the supplied (Low Voltage) junction type wall box and installed into the wall only.

DO NOT INSTALL WITHIN THE CONFINES OF THE FIREPLACE.

Wall Mounting

1. Install the junction box to the framing, at desired location within 10 ft. from fireplace.
2. Feed the 12 pin connector through the opening at back of junction box.
3. Connect the 12 pin connector to the back of the receiver.
4. Install the Receiver in the Low Voltage Junction box, supplied with HZ30E.
5. Insert the 4 AA type batteries in the battery compartment with the correct polarity.
6. Place the slider into the cover plate.
7. Put the Receiver switch in the "OFF" position, to allow correct lineup for slider switch.
8. Make sure the Receiver and cover plate words "ON" and "UP" are on the same side.
9. Align the slider with the switch on the Receiver and couple the switch into the slider.
10. Align the screw holes.
11. Using the two (2) screws provided secure the cover plate to the Receiver.

GT REMOTE INSTALLATION

1. GT remote installation - see Proflame remote instructions for coding remote to receiver as well as operating instructions.
GTMF REMOTE INSTALLATION

120 Volt AC power is needed for the fan. The fan can be hard wired if desired. The receptacle box should be installed on the right hand side of the unit 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 off the gas and power supply to the unit.
2) Remove the faceplate or door frame by lifting it up off the glass door.
   a) If the unit and facing material is already installed - continue to step 3.
   b) If this is a new install - proceed to step 8b

3) Remove the glass door.
   a) Remove the 2 screws shown below at the bottom of the glass door.
   b) Swing the door out 45° from the bottom and lift up and out.

4) Remove the burner tray cover by lifting up and out as shown below.
   * Prior to removing burner - remove crystals, pebbles, spa stones and inner panels - if installed.

5) Loosen 2 screws at the back of the burner to release it.

6) Remove the burner by sliding it to the right - then lift out.
7) Remove the valve access plate by undoing the 17 outer screws - see locations below.

8) a) With the valve access plate removed - install the fan control module.

b) If this is a new installation - remove the installation access panel to complete the installation.

9) The fan control module secures to the floor of the unit with a velcro pad. The front of the fan control module should face toward the left. Plug the fan control module into the receptacle in the unit.

10) Plug the fan power cord into the fan control module in the outlet marked **fan**. Plug in the FCM wire (from the digital firebox control box wire harness) into the location on the fan control module marked **com**

11) See Proflame remote instructions for coding remote to receiver as well as operating instructions.

**Note:** HZ30E does not have BTU turndown, therefore this feature is inactive on the GTMF remote.

12) Reverse steps 10-1.
OPTIONAL FAN INSTALLATION

120 Volt AC power is needed for the fan switch and blower. The fan can be hard wired if desired. The receptacle box should be installed on the left hand side of the unit 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 off the gas and power supply to the unit.

3) Remove the faceplate or door frame by lifting it up off the glass door.

5) Remove the burner tray cover by lifting up and out as shown below.

* Prior to removing burner - remove crystals, pebbles, spa stones and inner panels - if installed.

4) Remove the glass door.
   a) Remove the 2 screws shown below at the bottom of the glass door.
   b) Swing the door out 45° from the bottom and lift up and out.

6) Loosen 2 screws at the back of the burner to release it.

7) Remove the burner by sliding it to the right - then lift out.

8) Remove the valve access plate by undoing the 17 outer screws - see locations below.
9) Do not remove the screw just left of the pilot shield - this secures the valve tray in position.

10) Manoeuvre the fan into position in the lower right corner at the base of the unit.

11) Attach the thermodisc wires - (by sliding them on) to the fan as shown below.

12) Secure the fan to the base of the unit with 2 screws.

13) Attach the green ground wire to the ground lug - located in the lower left back corner of the unit.

14) Reposition the valve access plate - before securing with 17 screws (see step 8 for screw locations) - slide in the thermodisc to the clip on the bottom of the access plate. Attach the 2 wires from the fan to the thermodisc as shown below.

15) Plug the fan into the receptacle located in the lower right front corner at the base of the unit.

16) To remove the fan - reverse steps.

TO REMOVE THE FAN

1) Turn the power off.
2) Reverse the above instructions.

Maintenance: The sealed bearings are lubricated, there is no need to lubricate them further. (Extra lubricant will cause more lint and dust buildup - causing the bearings to prematurely fail). Regular cleaning and vacuuming of the fan area will add to the life of the motor.

IMPORTANT:
These fans collect a lot of dust from within your home. Ensure you maintain these fan motors on a regular basis by vacuuming the fan blades and housing using a soft brush nozzle.
REFLECTIVE PANEL INSTALLATION

Before installation, panels must be handled and cleaned as per instructions noted below:

<table>
<thead>
<tr>
<th>Stainless Steel Panels</th>
<th>Black Enamel Panels</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Stainless panels must be inspected for scratches and dimples prior to installation. All claims to be recorded at this time. Claims for damage after installation will not receive consideration.</strong></td>
<td><strong>Black Enamel panels must be inspected for scratches and dimples prior to installation. All claims to be recorded at this time. Claims for damage after installation will not receive consideration.</strong></td>
</tr>
<tr>
<td><strong>To protect the finish during installation and handling</strong> - cotton gloves <strong>MUST</strong> be worn at all times while handling the panels (even when removing protective coating).</td>
<td></td>
</tr>
<tr>
<td><strong>Use a hair dryer to remove the protective coating from the panels.</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Stainless panels will discolor a little during normal operation. This is normal and should not be considered a defect.</strong></td>
<td><strong>Black Enamel panels will discolor a little during normal operation. This is normal and should not be considered a defect.</strong></td>
</tr>
<tr>
<td>* All hand and finger marks <strong>MUST</strong> be cleaned off with a soft cloth and a stainless steel cleaner. Most stainless steel cleaners leave a film/residue on the surface of the panels. Use an ammonia based cleaner (ie. glass cleaner) to remove this film before applying heat to the unit. Failure to do this will result in burn stains on panels which you will be unable to remove. Not protected by product warranty.</td>
<td>* All hand and finger marks <strong>MUST</strong> be cleaned off with a soft cloth. Use an ammonia based cleaner (ie. glass cleaner) to remove any fingerprints before applying heat to the unit. Failure to do this will result in burn stain on panels which you will be unable to remove. Not protected by product warranty.</td>
</tr>
</tbody>
</table>

1) Remove the faceplate and glass door if already installed - see manual for instructions.

2) Install the back panel first. Tilt the panel forward - position the bottom of the panel first. Use care not to scratch or mar the panel on the pilot shield.

3) Install the left side panel - secure in position with one panel clip and one screw, as shown in the diagram below.

4) Install the right side panel - secure in position with one panel clip and one screw.

5) Reinstall glass door - reinstall faceplate.

6) Final installation
GLASS CRYSTALS OR OPTIONAL CERAMIC STONES
INSTALLATION ON BURNER

can alter the unit’s performance, any damage caused by the use of any unapproved glass or stones will not be covered under warranty.

When using Ceramic Spa DO NOT cover burner ports or pilot light that lead to pilot flame. Ensure the crystals or stones do not overlap excessively as this will effect the flame pattern.

<table>
<thead>
<tr>
<th>BURNER PACKAGES</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Unit</td>
<td>*Glass Crystals</td>
<td>Ceramic Spa Stones</td>
</tr>
<tr>
<td>HZ54E / HZ54EPV</td>
<td>3 lbs</td>
<td>1 lb Glass + 2 packages (140 spa stones)</td>
</tr>
<tr>
<td>HZ42 / HZ42E / HZ40E</td>
<td>2 lbs</td>
<td>1 lb Glass + 1 package (70 spa stones)</td>
</tr>
<tr>
<td>HZ42ST / HZ42STE HZ42STEPV</td>
<td>2 lbs</td>
<td>1 lb Glass + 1 package (70 spa stones)</td>
</tr>
<tr>
<td>HZ30E **</td>
<td>1 lb</td>
<td>1 lb Glass + 1 package (70 spa stones)**</td>
</tr>
<tr>
<td>HZI234E ***</td>
<td>3/4 lb</td>
<td>3/4 lb Glass + 1 package 70 spa stones)***</td>
</tr>
<tr>
<td>HZI390E/ HZI390EB *</td>
<td>7 lbs [4 lbs burner + 3 lbs firebox]</td>
<td>2 lb Glass + 1 package (70 spa stones)</td>
</tr>
<tr>
<td>HZI540EB *</td>
<td>8 lbs [4 lbs burner + 4 lbs firebox]</td>
<td>2 lb Glass + 1 package (70 spa stones)</td>
</tr>
<tr>
<td>HZO42/HZO42 (AUS)</td>
<td>3 lbs</td>
<td>Not Approved</td>
</tr>
<tr>
<td>L676S</td>
<td>1 lb</td>
<td>1 package = (70 spa stones)</td>
</tr>
<tr>
<td>P33S/P33SE ****</td>
<td>1 lbs</td>
<td>1 package = (70 spa stones)****</td>
</tr>
<tr>
<td>PTO30 */Plateau Series</td>
<td>10 lbs</td>
<td>Not Approved</td>
</tr>
<tr>
<td>PTO60**</td>
<td>20 lbs</td>
<td>Not Approved</td>
</tr>
<tr>
<td>U32S / U32SE</td>
<td>1 lb</td>
<td>1 package = (70 spa stones)</td>
</tr>
<tr>
<td>E33S</td>
<td>1 lb</td>
<td>1 package = (70 spa stones)</td>
</tr>
</tbody>
</table>

**NOTE:**
* Glass Crystals are available in 1lb and 5lb bags. All units come standard with Cobalt Blue glass crystals except:
  * HZO42 comes with Copper glass crystals.
  * HZI390E, HZI390EB, HZI540EB, PTO30, PTO60 & Plateau Series do NOT include glass crystals with units. Must purchase separately.
  * 1 Ceramic Spa stone package contains 70 stones.

** Recommended - use only 40 of the 70 ceramic stones on the HZ30E burner.
*** Recommended - use only 24 of the 70 ceramic stones on the HZI234E burner.
**** Recommended - use only 50 of the 70 ceramic stones on the P33S/P33SE burner.

Glass Crystals shown on Burner
For Units HZ54E, HZ54EPV, HZ42ST, HZ42STE, HZ42STEPV, HZI234E, HZ42E, HZ42E, HZ30E, HZ42ST, HZ42STE, HZ42STEPV, HZI234E, HZ42E, HZ42E, HZ30E only

Optional Ceramic Spa Stones + Glass Crystals shown on burner.
For Units HZ54E, HZ54EPV, HZ42ST, HZ42STE, HZ42STEPV, HZI234E, HZ42E, HZ42E, HZ30E only

Glass Crystals shown on Burner
For units P33S, P33SE, L676S, U32S, U32SE, E33S only

Optional Ceramic Spa Stones shown on burner.
For units P33S, P33SE, L676S, U32S, U32SE, E33S only

Glass Crystals shown on Burner and Firebox Floor
For Units HZI134E, HZI160FR, HZ1540FR only
There are 2 optional packages to choose from to cover the firebox base:

1) Natural River Pebbles
2) Glass Crystals (4 colors available)

Spread the pebbles / crystals evenly on the exposed base of the firebox. Pebbles are NOT to be placed anywhere on the burner or over top of the Glass Crystals or optional Ceramic Spa Stones.

**IMPORTANT NOTE:** Only the supplied and approved pebbles / glass crystals are to be used with these fireplaces. Use of any other type of pebbles, glass crystals or other material can create a danger and will void the warranty.

<table>
<thead>
<tr>
<th>Unit</th>
<th>Glass Crystals</th>
<th>Pebbles</th>
</tr>
</thead>
<tbody>
<tr>
<td>HZ54E / HZ54EPV</td>
<td>6 lbs</td>
<td>2 packages (6 x bags pebbles)</td>
</tr>
<tr>
<td>HZ42 / HZ42E / HZ40E</td>
<td>5 lbs</td>
<td>2 packages (6 x bags pebbles)</td>
</tr>
<tr>
<td>HZ42ST / HZ42STE / HZ42STEPV</td>
<td>5 lbs</td>
<td>2 package (6 x bags pebbles)</td>
</tr>
<tr>
<td>HZ30E</td>
<td>2 lbs</td>
<td>1 package (3 x bags pebbles)</td>
</tr>
<tr>
<td>HZI540EB</td>
<td>4 lbs</td>
<td>1.5 packages (4 x bags pebbles)</td>
</tr>
<tr>
<td>HZI390E / HZI390EB</td>
<td>3 lbs</td>
<td>1 package (3 x bags pebbles)</td>
</tr>
<tr>
<td>HZI234E</td>
<td>2 lbs</td>
<td>1 package (3 x bags pebbles)</td>
</tr>
<tr>
<td>HZO42 / HZO42 (AUS)</td>
<td>3 lbs</td>
<td>1 package (3 x bags pebbles)</td>
</tr>
<tr>
<td>P33S / P33SE</td>
<td>3 lbs</td>
<td>1 package (3 x bags pebbles)</td>
</tr>
<tr>
<td>U32S / U32SE</td>
<td>3 lbs</td>
<td>1 package (3 x bags pebbles)</td>
</tr>
<tr>
<td>E33S</td>
<td>3 lbs</td>
<td>1 package (3 x bags pebbles)</td>
</tr>
</tbody>
</table>
GLASS DOOR INSTALLATION

The glass door comes with a black frame.

1) To install the frame and glass door, simply hook the top door flange onto the top of the unit and swing the door towards the unit, Diagram 1.

Note: 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 2.

2) With the door in proper position, secure with 2 screws in locations shown in Diagram 3.

3) Install cover plates over each screw with 2 magnets each as shown below.
4 PC. FACEPLATE INSTALLATION

1) To install the 4 pc. faceplate - hook tabs (located on back of faceplate) over the top of glass door frame.

2) Lower the bottom of the faceplate gently - until it rests against the unit.

Important: 1/2" gap required between faceplate and finished wall when using part #316-924, 316-926, 316-927 (4 pc. faceplate).
OUTER AND INNER DOOR FRAME INSTALLATION

**Note: HZ40E only** - if installing optional mesh glass guard - See optional mesh glass guard instruction in the manual.

1) Install 4 magnets onto 4 corners of glass frame prior to installing the inner door frame.

2) Install the inner door frame - fit it over the glass door frame.

3) Install the outer door frame to the unit by hooking the left and right side mounting brackets into the mounting slots at the side of the firebox as shown below. It is recommended that you use the first mounting slot (the one closest to the door frame overlay) out of the 3 so that the faceplate and door frame overlay are flush with one another.

**NOTE:** There are 3 mounting slots available, this is to accommodate any finishing that protrudes slightly beyond the faceplate.

**Note:** Inner door frame may be installed by itself, or with the outer door frame. The outer door frame cannot be installed by itself - if installing the outer door frame - the inner door frame must also be installed.
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 glass door frame is properly positioned. Never operate the appliance with the glass removed.
5) Verify that the venting and cap are unobstructed.
6) 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 heater is part of the paint curing process. To ensure the paint is properly cured, it is recommended burn your fireplace for at least four (4) hours the first time.

When first operated, the unit will release an odour caused by the curing of the paint and 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 may require cleaning.

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 ATTEMPT TO CLEAN THE GLASS WHILE IT IS STILL HOT!

DO NOT BURN THE UNIT WITHOUT THE GLASS DOOR 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 after the unit has cooled down or the film will bake on and become very difficult to remove. Use a non-abrasive cleaner and DO NOT ATTEMPT TO 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.

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.

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

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.

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.
FOR YOUR SAFETY READ BEFORE LIGHTING
This appliance must be installed in accordance with local codes, if any; if none, follow the National Fuel Gas Code, ANSI Z223.1/NFPA 54, or Natural Gas and Propane Installation Codes, CSA B149.1.

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

AVERTISSEMENT: Quiconque ne respecte pas à la lettre les instructions dans la présente notice risque de déclencher un incendie ou une explosion entraînant des dommages, des blessures ou la mort.

Une installation, d’ajustement, de modification, de service ou d’entretien peut provoquer des blessures ou des dommages matériels. Reportez-vous au manuel du propriétaire de l’information fournie avec cet appareil. Pour obtenir de l’aide ou des informations supplémentaires consulter un installateur qualifié, une agence de service ou fournisseur de gaz.

A) This appliance is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot by hand.

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

WHAT TO DO IF YOU SMELL GAS
- Do not try to light any appliance.
- Do not touch any electric switch, do not use any phone in your building.
- Immediately call your gas supplier from a neighbours phone. Follow the gas supplier’s instructions.
- If you cannot reach your gas supplier, call the fire department.

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

A) Cet appareil est muni d’un dispositif d’allumage qui allume automatiquement la veilleuse. Ne tentez pas d’allumer la veilleuse manuellement.

B) AVANT DE FAIRE FONCTIONNER
Reniflez tout autour de l’appareil pour déceler une odeur de gaz. Reniflez près du plancher, car certains gaz sont plus légers que l’air et peuvent s’accumuler au niveau du sol.

QUE FAIRE SI VOUS SENTEZ UNE ODEUR DE GAZ :
- Ne pas tenter d’allumer d’appareil
- Ne touchez à aucun interrupteur; ne pas vous servir des téléphones se trouvant dans le bâtiment.
- Appelez immédiatement votre fournisseur de gaz depuis un voisin. Suivez les instructions du fournisseur.
- Si vous ne pouvez rejoindre le fournisseur, appelez le service des incendies

C) N’utilisez pas cet appareil s’il a été plongé dans l’eau, même partiellement. Faites inspecter l’appareil par un technicien qualifié et remplacez toute partie du système de contrôle et toute commande qui ont été plongés dans l’eau.

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

LIGHTING INSTRUCTIONS

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.

The system will need to be reset as follows (after going 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) Attendre 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 à 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.
- a) Attendre 5 minutes et étendre l’appareil en réglant 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 répétera 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 effectuée, vous devez débrancher l’appareil, du bloc-piles, voir le manuel d’instruction pour plus de détails.

DO NOT REMOVE THIS INSTRUCTION PLATE 918-628b
MAINTENANCE INSTRUCTIONS

1) Always turn off the gas and electrical supply before cleaning. For relighting, refer to lighting instructions. Keep the burner and control compartment clean by brushing and vacuuming at least once a year.

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

Note: Faceplates and inner panels made from stainless steel will naturally change color over time.

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) In the event this appliance has been serviced check that the vent-air system has been properly resealed & reinstalled in accordance with the manufacturer's instructions.

8) Verify operation after servicing.

GLASS GASKET

If the glass gasket requires replacement use a tadpole glass gasket (Part # 936-159).

GLASS DOOR

Your Regency® fireplace is supplied with high temperature 5mm-Ceramic glass. If your glass requires cleaning, we recommend using an approved glass cleaner available at all authorized dealers. Do not use abrasive materials.

CAUTION & WARNINGS:

* Do not clean when the glass is hot.
* The use of substitute glass will void all product warranties.
* Care must be taken to avoid breakage of the glass.
* Do not strike or abuse the glass.
* Do not operate this fireplace without the glass front or with a cracked or broken glass front.
* Replacement of the glass panel(s) should be done by a licensed or qualified service per son.

GLASS REPLACEMENT

In the event that you break your glass by impact, purchase your replacement from an authorized Regency® dealer only.

Replacement neo-ceramic glass is shipped with gasket.

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.

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.
VALVE ASSEMBLY REPLACEMENT

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

2) Shut off the gas and power supply to the unit.

3) Remove the faceplate or door frame by lifting it up off the glass door.

4) Remove the glass door.
   a) Remove the 2 screws shown below at the bottom of the glass door.
   b) Swing the door out 45° from the bottom and lift up and out.

5) Remove the burner tray cover by lifting up and out as shown below.

6) Loosen 2 screws at the back of the burner to release it.

7) Remove the burner by sliding it to the right - then lift out.

8) Remove the valve access plate by undoing the 17 outer screws - see locations below.

* Prior to removing burner - remove crystals, pebbles, spa stones and inner panels - if installed.
7) Partially lift out valve tray - use extreme caution, the thermodisc needs to be removed before valve tray is lifted out completely.

8) Disconnect the inlet gas line and remove the valve assembly.

9) Replace valve assembly and reverse steps.
### MAIN ASSEMBLY

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
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<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>940-365</td>
<td>Neoceram flush glass</td>
<td>316-008F</td>
<td>Top Relief Plate</td>
</tr>
<tr>
<td>316-010</td>
<td>Door Frame</td>
<td>316-018F</td>
<td>Flue Restrictor Plate</td>
</tr>
<tr>
<td>316-066</td>
<td>Bottom Cover NG / LP</td>
<td>596-047F</td>
<td>Relief plate door</td>
</tr>
<tr>
<td>316-525</td>
<td>Burner Assembly -NG</td>
<td>316-060</td>
<td>Gasket Valve Tray</td>
</tr>
<tr>
<td>316-066</td>
<td>Bottom Cover NG / LP</td>
<td>316-061</td>
<td>Gasket Valve Access Plate</td>
</tr>
<tr>
<td>316-574/P</td>
<td>Valve Assembly -NG</td>
<td>316-063</td>
<td>Gasket Relief Door</td>
</tr>
<tr>
<td>316-576/P</td>
<td>Valve Assembly -LP</td>
<td>316-055</td>
<td>Top nailing strip</td>
</tr>
<tr>
<td>6)</td>
<td>Valve 820 (not shown)</td>
<td>316-056F</td>
<td>Side nailing strip</td>
</tr>
<tr>
<td>911-024</td>
<td>Pilot Assembly - NG</td>
<td>316-053</td>
<td>Panel Clip</td>
</tr>
<tr>
<td>911-006</td>
<td>Pilot Assembly - NG</td>
<td>911-012</td>
<td>Ignition Board</td>
</tr>
<tr>
<td>911-007</td>
<td>Pilot Assembly - LP</td>
<td>911-015</td>
<td>Wire Harness</td>
</tr>
<tr>
<td>316-064</td>
<td>Pilot Shield</td>
<td>910-572</td>
<td>Receiver Sit GTM</td>
</tr>
<tr>
<td>904-641</td>
<td>Orifice # 50 (NG)</td>
<td>910-882</td>
<td>Wire (Valve to Burner ON/OFF)</td>
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<tr>
<td>904-557</td>
<td>Orifice # 57 (LP)</td>
<td>918-880</td>
<td>Manual</td>
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<tr>
<td>316-917</td>
<td>Fan (optional)</td>
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### PARTS LIST

#### ACCESSORIES

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<th>Part #</th>
<th>Description</th>
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<tr>
<td>10) 316-908</td>
<td>Black Enamel Inner Panels</td>
<td>946-700</td>
<td>GT Remote Control</td>
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<td>Faceplate Black</td>
<td>946-702</td>
<td>GTMF Remote Control</td>
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<td>Faceplate Sunset Bronze</td>
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<td>Faceplate Brushed Stainless</td>
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<td>Outer Door Frame Black</td>
<td>946-675</td>
<td>Black Reflective Crystals</td>
</tr>
<tr>
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<td>Outer Door Frame Sunset Bronze</td>
<td>946-676</td>
<td>Copper Crystals</td>
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<tr>
<td>316-947</td>
<td>Outer Door Frame Stainless</td>
<td>946-677</td>
<td>Starfire Crystals</td>
</tr>
<tr>
<td>316-944</td>
<td>Inner Door Frame Black</td>
<td>946-678</td>
<td>Cobalt Blue Crystals</td>
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<tr>
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<td></td>
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<tr>
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<td>Inner Door Frame Stainless</td>
<td>946-672</td>
<td>Natural River Pebbles</td>
</tr>
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<td>316-951</td>
<td>Verona Glass Surround Pure Black</td>
<td>946-674</td>
<td>Ceramic Spa Stones</td>
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<td>Verona Glass Surround Classic Grey</td>
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<tr>
<td>316-955</td>
<td>Verona Glass Surround Chocolate Brown</td>
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</table>
WARRANTY

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

* Subsidy according to job scale as predetermined by FPI.
Register your Regency® warranty online
www.regency-fire.com

Reasons to register your product online today!

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

Installer: Please complete the following information

Dealer Name & Address: ______________________________________________
___________________________________________________________________
Installer: ___________________________________________________________
Phone #: ___________________________________________________________
Date Installed: ______________________________________________________
Serial No.: __________________________________________________________