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

FOR YOUR SAFETY
Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
Installation and service must be performed by a qualified installer, service agency or the gas supplier.

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

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

Congratulations!
You are the owner of a state-of-the-art Gas Fireplace by REGENCY®. The HZ42E has been designed to provide you with all the warmth and charm of a fireplace at the flick of a switch. The model HZ42E has been approved by Warnock Hersey/Intertek for both safety and efficiency. As it also bears our own mark, it promises to provide you with economy, comfort and security for many trouble free years to follow. Please take a moment now to acquaint yourself with these instructions and the many features of your Regency® Fireplace.

WARNING!

HOT GLASS WILL CAUSE BURNS

DO NOT TOUCH GLASS UNTIL COOLED

NEVER ALLOW CHILDREN TO TOUCH GLASS

Regency Horizon Gas Inserts Benefits Video

We recommend that our products be installed and serviced by professionals who are certified in the U.S. by the National Fireplace Institute® (NFI) or in Canada by Wood Energy Technical Training (WETT).
MANUFACTURED MOBILE HOME REQUIREMENTS
INFORMATION FOR MOBILE/MANUFACTURED HOMES AFTER FIRST SALE

This Regency® product has been tested and listed by Warnock Hersey/Intertek as a Direct Vent Wall Furnace to the following standards:

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

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 is a copy of the label that accompanies each HZ42E-NG and HZ42E-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**

---

**SAFETY LABEL**

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

This appliance must be installed in accordance with the Standard CAN/CSA-Z220.80, Mobile Housing, in Canada, or with the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, in the United States, or when such a standard is not applicable, ANSI/A119.2 or NFPA 501C Standard for Recreational Vehicles. This appliance is only for use with the type of gas indicated on the rating plate and may be installed in an aftermarket, permanently located, manufactured (mobile) home where not prohibited by local codes. See owner's manual for details.

Install the appliance in a room meeting the local laws and codes. See the local building official for details. For use with Domestic Gas Only. This vented gas fireplace heater is not for use with air filters. Ne pas utiliser de filtre à air avec ce foyer au gaz à évacuation. For the State of Massachusetts, the appliance individual manual shut-off must be a t-handle type valve.

The State of Massachusetts requires the installation of a carbon monoxide alarm in accordance with NFPA 720 and a CO alarm with battery back up in the same room where the gas appliance is installed.

---

**NOT FOR USE WITH SOLID FUELS / NE PAS ENLEVER CETTE ÉTIQUETTE**

---

**DOOR SEAL: Please check that the door is properly sealed**

---

**FOR USE WITH GLASS DOORS CERTIFIED WITH THE APPLIANCE ONLY**

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**FPI Fireplace Products International Ltd. Delta, BC, Canada Made in Canada/ Fabrique au Canada 918-931**
5.08: Modifications to NFPA-54, Chapter 10

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

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

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

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

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

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

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

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

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

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

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

(c) MANUFACTURER REQUIREMENTS - GAS EQUIPMENT VENTING SYSTEM PROVIDED. When the manufacturer of Product Approved side wall horizontally vented gas fueled 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.
**INSTALLATION**

**IMPORTANT MESSAGE**

**SAVE THESE INSTRUCTIONS**

The HZ42E Direct Vent Fireplace must be installed in accordance with these instructions. Carefully read all the instructions in this manual first. Consult the “authority having jurisdiction” to determine the need for a permit prior to starting the installation. It is the responsibility of the installer to ensure this fireplace is installed in compliance with 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 DRAPERY.**

- **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.**

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

- **11) Under no circumstances should this appliance be modified. Parts that have to be removed for servicing should be replaced prior to operating this appliance.**

- **12) Installation and any repairs to this appliance should be done by an authorized 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.**

**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/NFPA70 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.
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 “Mantle Clearances” section)
   d) Framing & Finishing Requirements (Refer to “Framing & Finishing” section)
   e) Venting Requirements (Refer to “Venting” section)

2) Assemble Standoffs (Refer to “Unit Assembly Prior to Installation”).

3) Slide unit into place.

4) Install vent (Refer to “Venting Arrangement” sections).

5) Make gas connections (Refer to “Gas Line Installation section”).

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

7) Test the pilot (Refer to “Pilot Adjustment” section).

8) Test Gas Pressure (Refer to “Gas Pipe Pressure Testing” section).

9) 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 Accent Light
   e) Faceplate
   f) Remote Control or Wall Thermostat
   g) Optional AC Power Adaptor

10) 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.

11) 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 26,000 Btu/h (NG), 24,500 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.

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 HZ42E 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

4) This appliance is Listed for bedroom installations using the standard Remote (millivolt thermostat system). Some areas may have further requirements, check local codes before installation.

5) The HZ42E Direct Vent Gas Fireplace is approved for alcove installations, see “Clearances” section for details.

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

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.

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

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

CLEARANCES

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: Mantel Height (min.)</td>
<td>13” (330mm)</td>
<td>Top of Fireplace Opening</td>
</tr>
<tr>
<td>B: Sidewall (on one side)</td>
<td>8” (203mm)</td>
<td>Side of Fireplace Opening</td>
</tr>
<tr>
<td>C: Ceiling</td>
<td>22” (559mm)</td>
<td>Top of Fireplace Opening</td>
</tr>
<tr>
<td>(room and/or alcove)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D: Mantel Depth (max.)</td>
<td>13” (330mm)</td>
<td>22” Above Fireplace Opening</td>
</tr>
<tr>
<td>E: Alcove Width</td>
<td>84” (2134mm)</td>
<td>Sidewall to Sidewall (Minimum)</td>
</tr>
<tr>
<td>F: Alcove Depth</td>
<td>36” (914mm)</td>
<td>Front to Back Wall (Maximum)</td>
</tr>
<tr>
<td>G: From Floor</td>
<td>25-3/4”</td>
<td>Top of Fireplace Opening</td>
</tr>
<tr>
<td>Note:</td>
<td>0”</td>
<td>No hearth required</td>
</tr>
</tbody>
</table>

Flue Clearances to Combustibles

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Horizontal - Top</td>
<td>3”</td>
<td></td>
</tr>
<tr>
<td>Horizontal - Side</td>
<td>2”</td>
<td></td>
</tr>
<tr>
<td>Horizontal - Bottom</td>
<td>2”</td>
<td></td>
</tr>
<tr>
<td>Vertical</td>
<td>2”</td>
<td></td>
</tr>
<tr>
<td>Passing through wall/</td>
<td>1-1/2”</td>
<td></td>
</tr>
<tr>
<td>floor/ceiling - when</td>
<td></td>
<td></td>
</tr>
<tr>
<td>firestop is used.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

IMPORTANT NOTE
Combustible material can only be installed to the bottom lip of the fireplace as shown below. The finished floor must not come in contact with the front face of the fireplace. Non-combustible material (see "Framing and Finishing" section) must act as a barrier between the front face and finished floor.

Alcove

Installed Close to Floor

Installed close to ceiling.

Bottom Lip
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.

**Combustible Material**

- To Unit Base: 25-3/4”
- Top of Fireplace Opening: 14-21/2”

**Non-Combustible**

- 7”
- 12” (305mm)
- 13”
- 20”
- 25-3/4”

Combustible mantel clearances from top of front facing are shown in the diagram on the right.

**MANTEL LEG CLEARANCES**

Combustible mantel leg clearances as per diagram:

- Allowable mantel leg projection: 1.5” (38mm)
- 5-1/2” (140mm)
- 8” (203mm)
- 11” (279mm)
- 3-7/8” (98mm) Non-Combustible
UNIT ASSEMBLY
PRIOR TO INSTALATION

The Nailing Strips and the 2 Standoffs must be correctly positioned and attached before unit is slid into position.

STANDOFF ASSEMBLY

The standoffs are shipped in a flat position and must be folded into shape and attached.

1) Remove the standoffs from the fireplace.

2) Take each standoff and bend into the correct shape. Bend up at the bend lines until the screw holes in the standoff and the pre-punched screw holes on the fireplace top line up.

3) Attach the standoff securely to the unit with 2 screws per standoff (on opposite corners).

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” to allow for varying thicknesses in non-combustible material & wall finishes.
## FRAMING DIMENSIONS

<table>
<thead>
<tr>
<th>Framing Dimensions</th>
<th>Description</th>
<th>HZ42E</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Framing Height</td>
<td>37-1/4&quot; (946mm)</td>
</tr>
<tr>
<td>B</td>
<td>Framing Width</td>
<td>47 - 1/2&quot; (1207mm)</td>
</tr>
</tbody>
</table>
| C*                 | Framing Depth*                       | **C1** Horizontal Vent 18 - 3/4" (476mm)  
                            **C2** Vertical Vent 22" (559mm)  
                             Vertical rise -terminating horizontal  |
| D                  | Minimum Height to Combustibles       | 39 - 9/16" (1004mm)    |
| E                  | Corner Wall Depth                    | 51 - 1/2" (1308)       |
| F                  | Corner Facing Wall Width             | 72 - 7/8" (1851mm)     |
| G                  | Vent Centerline Height               | 33 - 1/4" (845mm)      |
| H                  | Non-combustible facing height        | 13" (330mm)            |
| I                  | Gas Connection Opening Height        | 2" (51mm)              |
| J                  | Gas Connection Height                | 4 - 1/2" (114mm)       |
| K                  | Gas Connection Inset                 | 2 - 7/8" (73mm)        |
| L                  | Gas Connection Opening Width         | 4 - 5/8" (117mm)       |

* 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" to allow for varying thicknesses in non-combustible material & wall finishes.

---

**Note:** All other framing may be of wood construction.
NON-COMBUSTIBLE REQUIREMENTS

All four pieces (top, 2 sides, bottom) are now supplied to meet the non combustible requirements. Previously only the top was supplied.

Calcium silicate board is a high-grade material with cement, quartz, natural and selected minerals as the main raw materials. It is widely used for partitions and ceilings in buildings. It is fireproof and earthquake proof.

If finishing the wall above the unit with materials such as tile, brick, marble, etc. non-combustible board available from the building supply store can be used.

**Note:** Calcium Silicate is 1/2’ thick

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**NON-COMBUSTIBLE FACING INSTALLATION**

**Caution:** The non-combustible board supplied with this unit can be damaged if dropped or struck. **Handle with care.**

1) Using drywall screws - secure non combustible material around unit, framing and top nailing strip every 6 inches.

**Important Note:** To avoid cracking the board - pre-drill holes prior to securing to unit/ framing.

2) Wipe any debris/dust from the non combustible material and drywall.

3) Prior to securing it is mandatory to prime the facing and edges using a quality primer. This will ensure proper adhesion of both the tape and mud. The supplied board is very porous. Failure to follow this procedure will result in cracked seams.

4) Tape the seams using a mesh type tape.

5) Mud seams as normal. We recommend using a product called Durabond high strength compound - for the first coat. This product can be found at any hardware store. Mud must be cured as per manufacturer’s recommendations.

6) Prime wall for a second time for proper adhesion of paint.

7) Paint walls using a high quality paint which will withstand the high temperatures being emitted from this appliance.

---

**IMPORTANT**

Regency Fireplace Products are designed, produced, tested and certified to the highest industry standards. The finishing of the walls surrounding your Regency Horizon Fireplace is as critical as the installation itself. The temperatures around linear gas fireplaces are typically higher than would be acceptable for combustible materials. Your Regency Horizon Fireplace is no exception to this rule. Therefore, the units are specified with non-combustible required materials to specific dimensions above and around the units. This is due to these areas reaching higher temperature levels than required/acceptable for a combustible material. To obtain the best, most durable finish around your fireplace, this calls for a high level of care and attention to the preparation and finish around this appliance, using only the highest quality materials, able to withstand the temperatures produced.

By following the installation instructions in the manual exactly, you will increase your chances of a damage free finish. While every precaution is taken in providing the recommendations on preparation and finish, given the variations in paint quality, with temperature limits and workmanship in application, Regency is unable to guarantee the life of the joint compounds, paint or any other finish materials or workmanship applied to or used in any application surrounding the fireplace. This includes framing as well as finishing.

Over time natural convection from any fireplace can cause discoloration in the area directly above the appliance. Lower quality paints, under-prepared finishes, poor applications, and any framing discrepancies or in the installation can cause this discoloration process to be expedited. Discoloration is not the responsibility of Regency Fireplace Products. This is outwith the control of Regency Fireplace Products Ltd., therefore not covered under any part of the warranty policy. While discoloration is not the responsibility of Regency Fireplace Products, we believe careful attention to the recommendations provided here will result in an aesthetically pleasing result free of issues outlined above.
FRAMING & FINISHING

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.
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.

<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></td>
<td>Nailing Strip 1&quot; Forward</td>
</tr>
<tr>
<td></td>
<td>Unit</td>
</tr>
<tr>
<td>1&quot;</td>
<td>1/2&quot;</td>
</tr>
<tr>
<td></td>
<td>Nailing Strip 1/2&quot; Forward</td>
</tr>
<tr>
<td></td>
<td>Unit</td>
</tr>
<tr>
<td>1-1/2&quot;</td>
<td>0&quot; (flush)</td>
</tr>
<tr>
<td></td>
<td>Nailing Strip Flush w/unit</td>
</tr>
<tr>
<td></td>
<td>Factory Set</td>
</tr>
<tr>
<td></td>
<td>Unit</td>
</tr>
</tbody>
</table>
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.
## Minimum Clearance Requirements

<table>
<thead>
<tr>
<th></th>
<th>Canada 1</th>
<th>USA 2</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Clearance above grade, veranda, porch, deck, or balcony</td>
<td>12&quot;(30cm)</td>
</tr>
<tr>
<td>B</td>
<td>Clearance to window or door that may be opened</td>
<td>12&quot;(30cm)</td>
</tr>
<tr>
<td>C</td>
<td>Clearance to permanently closed window</td>
<td>*</td>
</tr>
<tr>
<td>D</td>
<td>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>
</tr>
<tr>
<td>E</td>
<td>Clearance to unventilated soffit</td>
<td>19&quot;(48cm)</td>
</tr>
<tr>
<td>F</td>
<td>Clearance to outside corner: with AstroCap Termination Cap.</td>
<td>7&quot;(18cm)</td>
</tr>
<tr>
<td></td>
<td>Clearance to outside corner: with all other approved Termination Caps.</td>
<td>13&quot;(33cm)</td>
</tr>
<tr>
<td>G</td>
<td>Clearance to inside corner: with AstroCap Termination Cap</td>
<td>7&quot;(18cm)</td>
</tr>
<tr>
<td></td>
<td>Clearance to inside corner: with all other approved Termination Caps.</td>
<td>13&quot;(33cm)</td>
</tr>
<tr>
<td>H</td>
<td>Clearance to each side of center line extended above meter/regulator assembly</td>
<td>36&quot;(90cm)*</td>
</tr>
<tr>
<td>J</td>
<td>Clearance to service regulator vent outlet</td>
<td>36&quot;(90cm)</td>
</tr>
<tr>
<td>K</td>
<td>Clearance to non-mechanical air supply inlet to building or the combustion air inlet to any other appliance</td>
<td>12&quot;(30cm)</td>
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<tr>
<td>L</td>
<td>Clearance to a mechanical air supply inlet #3′ (91cm) above if within 10′ (3m) horizontally.</td>
<td>72&quot;(1.8m)</td>
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<tr>
<td>M</td>
<td>Clearance above paved sidewalk or a paved driveway located on public property</td>
<td>84&quot;(2.1m) †</td>
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<tr>
<td>N</td>
<td>Clearance under veranda, porch, deck, or balcony</td>
<td>12&quot;(30cm) ‡</td>
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</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

---

**Notes:**
- Vent Termination: O Air Supply Outlet: Projected into the interior of the building or the exterior of the building.
- Fixed Closed: Openable: Area where terminal is not permitted.

---
### 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® Amvent Direct</th>
<th>Metal-Fab® Sure Seal</th>
<th>Security Secure-Vent®</th>
<th>ICC Excel Direct</th>
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<td>4DT-6</td>
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<td>90° Elbow-Galvanized</td>
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<td>Cathedral Support Box</td>
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<tr>
<td>Wall Support/Band</td>
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<td>4DT-WS/B</td>
<td>4D90B</td>
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<td>Offset Support</td>
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<td>Firestop Spacer</td>
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<td>4D90B</td>
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</tbody>
</table>
## INSTALLATION

### Description

<table>
<thead>
<tr>
<th>Description</th>
<th>Simpson</th>
<th>Selkirk</th>
<th>American Metal Products®</th>
<th>Metal-Fab™</th>
<th>Security Secure-Vent®</th>
<th>ICC Excel Direct</th>
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<tr>
<td>Attic Insulation Shield 12&quot;</td>
<td>46DVA-IS N/A</td>
<td>FPI</td>
<td>N/A</td>
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<td>(Changed Components)</td>
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<td>Vertical Termination Kit</td>
<td>Disc.</td>
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<td>46DVA-F6</td>
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### FPI

- **946-506/P**: Vent Guard (Optional) for AstroCap
- **946-205**: Vinyl Siding Shield for Riser Vent Terminal
- **940-994**: Rigid Pipe Adaptor (Must use with all rigid piping)
- **946-208/P**: Vent Guard (Optional) for Riser Vent Terminal
- **946-523/P**: AstroCap Horizontal Cap
- **946-605**: Starter Collar Increaser 4" x 6-5/8" to 5" x 8"
- **946-206**: Vinyl Siding Standoff for AstroCap

### Offset Pipe Selection:

**Offset Length Selection:** Use this table to determine offset pipe lengths.

| Pipe Length (L) | 4" x 6-5/8" Venting
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Run (X)</td>
<td>Rise (Y)</td>
</tr>
<tr>
<td>0&quot; (0mm)</td>
<td>4-7/8&quot; (124mm)</td>
</tr>
<tr>
<td>6&quot; (152mm)</td>
<td>8&quot; (203mm)</td>
</tr>
<tr>
<td>9&quot; (229mm)</td>
<td>10-1/8&quot; (257mm)</td>
</tr>
<tr>
<td>12&quot; (305mm)</td>
<td>12-1/4&quot; (311mm)</td>
</tr>
<tr>
<td>24&quot; (610mm)</td>
<td>20-5/8&quot; (524mm)</td>
</tr>
<tr>
<td>36&quot; (914mm)</td>
<td>29&quot; (737mm)</td>
</tr>
<tr>
<td>48&quot; (1219mm)</td>
<td>37-7/16&quot; (961mm)</td>
</tr>
</tbody>
</table>

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

- **Simpson Direct Vent Pro**: www.duravent.com
- **Selkirk Direct-Temp**: www.selkirkcorp.com
- **American Metal Products**: www.americanmetalproducts.com
- **Metal-Fab Sure Seal**: www.mtlfab.com
- **Security Secure Vent**: www.securitychimneys.com
- **Industrial Chimney Company**: www.icc-rsf.com

**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).

**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.
VENTING INTRODUCTION

The HZ42E 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.
HORZONTAL TERMINATIONS
FLEX VENT 4" X 6-5/8"

These venting systems, in combination with the HZ42E 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 HZ42E 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) 6-5/8” 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  
| #946-515  | 4 Feet | 8) plated screws  
|           |        | 9) S.S. screws #8 x 1-1/2” drill point  
| #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
1 45° Elbow
1 Rigid Pipe Adaptor (510-994)
1 Wall Thimble
1 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.

The FPI AstroCap™ and FPI Riser Vent terminal are certified for installations using FPI venting systems as well as Simpson Dura-Vent® Direct Vent, American Metal Products Ameri Vent Direct Vent, Security Secure Vent®, ICC Excel, Selkirk Direct-Temp. AstroCap™ is a proprietary trademark of FPI Fireplace Products International Ltd. Dura-Vent® and Direct Vent are registered and/or proprietary trademarks of Simpson Dura-Vent Co. Inc.
HORIZONTAL TERMINATIONS
RIGID PIPE 4" X 6-5/8"

The diagrams below show 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.

Straight Out Horizontal Venting

Diagram 1

Diagram 2

Horizontal Venting with One (1) 90° Elbow

Option V H
---|---|---
A) 1' (305mm) Minimum 3' (914mm) Maximum
B) 2' (610mm) Minimum 6' (1.86m) Maximum
C) 3' (914mm) Minimum 9' (2.7m) Maximum
D) 4' (1.22m) Minimum 12' (3.6m) Maximum
E) 5' (1.5m) Minimum 15' (4.5m) Maximum
F) 6' (1.86m) Minimum 17' (5.1m) Maximum

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 30 feet with minimum of 6 feet total vertical and maximum 8 feet total horizontal.

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

Option H V + H1 + H2

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

With these options, maximum total pipe length is 30 feet with minimum of 11 feet total vertical and maximum 9 feet total horizontal.

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

Horizontal Venting with Three (3) 90° Elbows

One 90° elbow = Two 45° elbows.

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

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

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

Restrictor Position - Set 0 (factory setting)
VENTING ARRANGEMENT FOR VERTICAL TERMINATIONS

The shaded area in the diagram shows all allowable combinations of straight vertical and offset to vertical terminations, using two 90° elbows, with Rigid Pipe Venting Systems.

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.
- 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.

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

**VERTICAL TERMINATIONS**

**RIGID PIPE 4" X 6-5/8"**

The minimum components required for a basic vertical termination are:

1. Vertical Termination Cap
2. 45° Elbow
3. Rigid Pipe Adaptor (510-994)
4. Ceiling Firestop
5. Flashing
6. Storm Collar
7. Length of pipe to suit wall thickness (see chart)

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.

<table>
<thead>
<tr>
<th>Roof Pitch</th>
<th>Minimum Vent Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>Feet</td>
<td>Meters</td>
</tr>
<tr>
<td>flat to 7/12</td>
<td>2</td>
</tr>
<tr>
<td>over 7/12 to 8/12</td>
<td>2</td>
</tr>
<tr>
<td>over 8/12 to 9/12</td>
<td>2</td>
</tr>
<tr>
<td>over 9/12 to 10/12</td>
<td>2.5</td>
</tr>
<tr>
<td>over 10/12 to 11/12</td>
<td>3.25</td>
</tr>
<tr>
<td>over 11/12 to 12/12</td>
<td>4</td>
</tr>
<tr>
<td>over 12/12 to 14/12</td>
<td>5</td>
</tr>
<tr>
<td>over 14/12 to 16/12</td>
<td>6</td>
</tr>
<tr>
<td>over 16/12 to 18/12</td>
<td>7</td>
</tr>
<tr>
<td>over 18/12 to 20/12</td>
<td>7.5</td>
</tr>
<tr>
<td>over 20/12 to 21/12</td>
<td>8</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.

When using Rigid Vent other than Simpson Dura-Vent, 3 screws must be used to secure rigid pipe to adaptor.

The FPI AstroCap™ and FPI Riser Vent terminal are certified for installations using FPI venting systems as well as Simpson Dura-Vent® Direct Vent, American Metal Products Ameri Vent Direct Vent, Security Secure Vent®, ICC Excel, Selkirk Direct-Temp. AstroCap™ is a proprietary trademark of FPI Fireplace Products International Ltd. Dura-Vent® and Direct Vent are registered and/or proprietary trademarks of Simpson Dura-Vent Co. Inc.
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 One (1) 90° Elbow**

\[ \text{One 90° elbow} = \text{Two 45° elbows.} \]

<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' (305mm) Minimum</td>
<td>2' (610mm) Maximum</td>
<td></td>
</tr>
<tr>
<td>B)</td>
<td>2' (610mm) Minimum</td>
<td>4' (1.22m) Maximum</td>
<td></td>
</tr>
<tr>
<td>C)</td>
<td>3' (914mm) Minimum</td>
<td>6' (1.86m) Maximum</td>
<td></td>
</tr>
<tr>
<td>D)</td>
<td>4' (1.22m) Minimum</td>
<td>8' (2.4m) Maximum</td>
<td></td>
</tr>
</tbody>
</table>

With the above options, maximum total pipe length is 37 feet with minimum of 4 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**

\[ \text{One 90° elbow} = \text{Two 45° elbows.} \]

<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 30 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 Arrangements**

**Restrictor Position - Set 0** (factory setting)

For additional vertical venting with 2 x 90° elbows, refer to “Rigid Pipe Venting Arrangements” Section.
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>5' Min.</td>
<td>4' Max.</td>
<td>7' Min.</td>
</tr>
<tr>
<td>D)</td>
<td>4' Max.</td>
<td>6' Min.</td>
<td>9' Min.</td>
<td></td>
</tr>
<tr>
<td>E)</td>
<td>5' Max.</td>
<td>7' Min.</td>
<td>11' Min.</td>
<td></td>
</tr>
</tbody>
</table>

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

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

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>8' Min.</td>
</tr>
<tr>
<td>D)</td>
<td>5' Min.</td>
<td>6' Max.</td>
<td>8' Min.</td>
</tr>
<tr>
<td>E)</td>
<td>6' Min.</td>
<td>7' Max.</td>
<td>9' Min.</td>
</tr>
<tr>
<td>F)</td>
<td>7' Min.</td>
<td>8' Max.</td>
<td>10' Min.</td>
</tr>
</tbody>
</table>

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

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

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>Component</th>
<th>Clearance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Horizontal Top</td>
<td>3&quot; (76mm)</td>
</tr>
<tr>
<td>Horizontal Side</td>
<td>2&quot; (51mm)</td>
</tr>
<tr>
<td>Horizontal Bottom</td>
<td>2&quot; (51mm)</td>
</tr>
<tr>
<td>Vertical Vent</td>
<td>2&quot; (51mm)</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.

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

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

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

2) Direct Vent pipe and fittings are designed with special twist-lock connections to connect the venting system to the appliance flue outlet. A twist-lock appliance adaptor is required.

3) In conjunction with the Approved Vent system, install the adaptor after the unit is set in its desired location. Put a bead of high temperature silicone inside the outer section of the adaptor and a bead of Mill Pack on the inner collar. Slip the adapter over the existing inner and outer flue collar. Fasten to the outer collar only with the 3 supplied screws (drilling pilot holes will make this easier).

4) Level the fireplace and fasten it to the framing using nails or screws through the top and side nailing strips.

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

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 (0.9 meter). Wall straps are available for this purpose.

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.

If the wall being penetrated is constructed of non-combustible material, i.e. masonry block or concrete, an 8" (203mm) diameter hole is acceptable.

Note:

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

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

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

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

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).

Diagram 1

Diagram 2

Diagram 5

Diagram 7

Recommended Framed Opening
Size

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

Recommended Framed Opening

The four wood screws provided should be replaced with appropriate fasteners for stucco, brick, concrete, or other types of sidings.
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 1-1/2" (38mm).

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3&quot; (76mm)*</td>
</tr>
<tr>
<td>Horizontal Top</td>
<td></td>
</tr>
<tr>
<td>Horizontal Side</td>
<td>2&quot; (51mm)</td>
</tr>
<tr>
<td>Horizontal Bottom</td>
<td>2&quot; (51mm)</td>
</tr>
<tr>
<td>Vertical Vent</td>
<td>2&quot; (51mm)</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.

Recommended Framed Opening Size

<table>
<thead>
<tr>
<th>Vent Size</th>
<th>Framing Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; x 6 - 5/8&quot;</td>
<td>10&quot; x 10&quot;</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 a square hole in the wall - see chart (inside dimension).

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 that show which way is up). This will position the termination cap with proper down slope for draining water. Fasten the cap to the outer wall with the 4 supplied screws.

6) Pull the centre 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.

NOTE: Horizontal sections must be supported at intervals not exceeding 3 feet (0.9 meter). (Flame picture and performance will be affected by sags in the liner).

* 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).
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.

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.

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

Diagram 1

Roof Pitch                  Minimum Vent Height
Feet       Meters
flat to 7/12             2             0.61
over 7/12 to 8/12        2             0.61
over 8/12 to 9/12        2             0.61
over 9/12 to 10/12       2.5           0.76
over 10/12 to 11/12      3.25          0.99
over 11/12 to 12/12      4             1.22
over 12/12 to 14/12      5             1.52
over 14/12 to 16/12      6             1.83
over 16/12 to 18/12      7             2.13
over 18/12 to 20/12      7.5           2.29
over 20/12 to 21/12      8             2.44

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

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.
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:

<table>
<thead>
<tr>
<th>Gas</th>
<th>Setting</th>
</tr>
</thead>
<tbody>
<tr>
<td>NG</td>
<td>Fully Closed</td>
</tr>
<tr>
<td>LP</td>
<td>3/8&quot;</td>
</tr>
</tbody>
</table>

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

(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.

**Note:** 4 AA batteries must be installed to operate the burner switch. 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.

**Electrical Connection Alternative Scheme “B”, Power at Switch**

- **Wall Junction Box**
  - *Speed Control Switch with lead wires*
  - Wire Nuts
  - 120 Volt 60 Hz
  - Black (Hot) White (Neutral)
  - Copper Ground Wire

- **Receptacle Box**
  - Inside stove
  - Black
  - White
  - Ground

* = supplied with fan kit

Other parts are to be supplied by electrician or installer.

---

**Diagram:**

- **Surefire Switch**
- **Pilot Ground Wire**
- **Chassis Ground**
- **0.886.001 Profflame Valve**
- **0.584.012 DFC Wire Harness Assembly** (includes: Pilot Gnd & CPI/PI Switch)
- **Battery Holder**
- **Receptacle in Unit**
- **Ground**
- **L1**
- **N**
- **Break Tab**
- **Copper Terminals**
- **Red**
- **Black**
- **To Fan (see above)**
- **Do Not Break Tab on Neutral (silver terminals)**
- **Black**
- **White**
- **Ground**
- **14 AWG wire**
- **AC Adaptor (see AC Adaptor in**

---

**HZ42E Regency Horizon™ Gas Fireplace**
OPTIONAL ACCENT LIGHTING WIRING DIAGRAM

Wall Mounted Switch

L1 Hot

L2 Neutral

Receptacle in Unit

Optional Accent Lights
AC POWER ADAPTOR INSTALLATION (FOR SUREFIRE SYSTEM)

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.

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.

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.

2) Locate FCM - COM connector on the Remote wire harness - see manual for location in unit.

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).
**INSTALLATION**

Optional WALL THERMOSTAT

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

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

Regency® offers an optional programmable thermostat but any 250-750 millivolt rated non-anticipator type thermostat that is CSA, ULC or UL approved may be used.

---

**CAUTION**

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

---

**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 and a wall mounting plate.

1) Choose a convenient location on the wall to install the receiver and the receptacle box (protection from extreme heat is very important). Run wires from the fireplace to that location. Use Thermostat Wire Table.

---

**WALL SWITCH**

(Included with Unit)

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

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

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

---

**CAUTION**

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

---

**Thermostat Wire Table**

Recommended Maximum Lead Length (Two-Wire) When Using Wall Thermostat (CP-2 System)

<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>

**GT/GTM REMOTE FEATURES**

**** GTMF NOT OFFERED ON THE HZ42E

---

**GT /GTM Remote Features**

584 Proflame GT Series

Feature Sheet

<table>
<thead>
<tr>
<th>Feature</th>
<th>Icon</th>
<th>Proflame GT</th>
<th>Proflame GTM</th>
<th>Proflame GTMF</th>
</tr>
</thead>
<tbody>
<tr>
<td>Room Temperature Display</td>
<td>$^{68\circ}$</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Child Lock</td>
<td>$^\bullet$</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Low Battery</td>
<td>$^\bullet$</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>On/Off Thermostat</td>
<td>$^\bullet$</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>Flame On/Off Only</td>
<td>$^\bullet$</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Flame ON/OFF &amp; Modulation (6 Levels)</td>
<td>$^\bullet$</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Smooth Thermostat</td>
<td>$^\bullet$</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Fan Speed Control (5 Levels)</td>
<td>$^\bullet$</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>On/Off Auxiliary Outlet (110V)</td>
<td>$^\bullet$</td>
<td>X</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Constant (110V) Outlet</td>
<td>$^\bullet$</td>
<td></td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

*(X) Indicates Included Feature

---

Note: Regency Proflame systems include a white and black wall cover & switch.

---

Note 1 - Proflame Flame Modulator for GTM & GTMF Remote Controls are sold separately. Choice of NG or LP flame modulator (to match unit fuel type). See Regency Retail Price pages for complete details.
GT REMOTE INSTALLATION

DFBC = digital fireplace burner control

1) Remove the faceplate and glass door to access to DFBC & battery pack tray.

2) Lift DFBC and battery pack up and out.

3) Disconnect connector from battery holder and remove from tray – (battery holder is attached by Velcro to tray).

4) Remove the 4 AA batteries if installed, reconnect the connector to the battery pack and put back onto Velcro strip.

5) Locate the DFC wire from the receiver wire harness and connect to the DC supply wire from the DFBC.

Note: DO NOT USE 4 AA batteries in the battery pack on the tray - the DFBC is now powered by the receiver batteries in the wall.
INSTALLATION

GTM REMOTE INSTALLATION

**DFBC** = digital fireplace burner control

1) Remove the faceplate and glass door to access to DFBC & battery pack tray.

2) Lift DFBC and battery pack up and out.

6) Locate the DFC wire from the receiver wire harness and connect to the DC supply wire from the DFBC.

**Note:** DO NOT USE 4 AA batteries in the battery pack on the tray - the DFBC is now powered by the receiver batteries in the wall.

7) Remove the hi/lo knob from the valve head, if installed, by removing 2 screws as shown below. Ensure diaphragm is removed.

8) Install the stepper motor in the same location the hi/lo knob was removed from - with 2 screws as shown below.

Disconnect connector from battery holder and remove from tray – (battery holder is attached by Velcro to tray).

Remove the 4 AA batteries if installed, reconnect the connector to the battery pack and put back onto Velcro strip.

Locate the Green and White wires from the DFBC module wire harness; connect the spade connectors from the receiver wire harness, (TH) Green to (DFBC) Green and (TH/TP) White to (DFBC) White
9) Install the ground wire to the ground lug just behind and to the left of the valve on the HZ42E and to the right of the valve on the HZ42STE.

10) Install 4 - AA batteries into the receiver, ensure correct polarity.

11) Plug receiver wires into the back of the receiver and bundle wires with the wire clip as shown below.

12) Connect GTM motor wire from the stepper motor to the wire connector from the receiver wire harness.

13) Program Receiver and transmitter (refer to manual)

Note: DO NOT USE 4 AA batteries in the battery pack on the tray; the DFBC is now powered by the receiver batteries in the wall.

14) Install the receiver in the wall or if that is not possible - to the tray.

15) HZ42E Only: Manoeuvre the tray into the base of the unit using the stops to guide how far back the tray sits.

HZ42STE Only: Manoeuvre the tray into the two L brackets on the backs of the front wall of the unit base.

16) Install the heat shield over the tray by slotting tabs into slots located location shown below.
OPTIONAL 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>• 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.</td>
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</tr>
<tr>
<td>• Use a hair dryer to remove the protective coating from the panels.</td>
<td></td>
</tr>
<tr>
<td>• To protect the finish during installation and handling - cotton gloves MUST be worn at all times while handling the panels.</td>
<td></td>
</tr>
<tr>
<td>• Stainless panels will discolor a little during normal operation. This is normal and should not be considered a defect.</td>
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</tr>
<tr>
<td>★ All hand and finger marks MUST 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 MUST 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 stains on panels which you will be unable to remove. Not protected by product warranty.</td>
</tr>
</tbody>
</table>

1) Position the left side panel in place - top of panel in first, then fit the bottom tab into the slot at the bottom of the firebox as shown below. Repeat for right side panel.

2) Fit the back panel into position by clearing the pilot shield - bottom of panel goes in first. Then fit the tabs on the bottom left and right side of the back panel into the slots at the base of the firebox.

Secure the back panel in place by placing the brackets over the screws on the top of the inside left and right side of the firebox and tighten the screw to hold the bracket against the back panel shown below.

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

- 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.
- Use a hair dryer to remove the protective coating from the panels.
- To protect the finish during installation and handling - cotton gloves MUST be worn at all times while handling the panels.
- Stainless panels will discolor a little during normal operation. This is normal and should not be considered a defect.
- ★ All hand and finger marks MUST 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.

- 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.
- Black Enamel panels will discolor a little during normal operation. This is normal and should not be considered a defect.
- ★ All hand and finger marks MUST 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 stains on panels which you will be unable to remove. Not protected by product warranty.

- Use a hair dryer to remove the protective coating from the panels.
- To protect the finish during installation and handling - cotton gloves MUST be worn at all times while handling the panels.
- Black Enamel panels will discolor a little during normal operation. This is normal and should not be considered a defect.
- ★ All hand and finger marks MUST 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 stains on panels which you will be unable to remove. Not protected by product warranty.

- Use a hair dryer to remove the protective coating from the panels.
- To protect the finish during installation and handling - cotton gloves MUST be worn at all times while handling the panels.
- Black Enamel panels will discolor a little during normal operation. This is normal and should not be considered a defect.
- ★ All hand and finger marks MUST 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 stains on panels which you will be unable to remove. Not protected by product warranty.

- Use a hair dryer to remove the protective coating from the panels.
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- ★ All hand and finger marks MUST 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 stains on panels which you will be unable to remove. Not protected by product warranty.
OPTIONAL LIGHT INSTALLATION

<table>
<thead>
<tr>
<th>HZ42 Accent Light Assembly Kit # 596-959</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>1</td>
</tr>
</tbody>
</table>

1) Shut off electrical supply.
   If faceplate is already installed - follow steps 2 & 3.

2) Remove faceplate by lifting up off glass door - see below.

3) Slide out bottom faceplate panel - see below.

4) Remove the glass door - see instructions in manual.

5) Remove the glass crystals/optional ceramic stones or pebbles- if installed.

6) Remove the inner panels if installed - see instructions in manual.

7) Remove the bottom cover - shown below.

8) Loosen the 3 screws securing burner - slide burner to the left and lift out - shown below.

9) Remove cover plate located on the left side of the firebox floor by removing 4 screws. Discard the cover plate and gasket - keep the screws.

Important: 120 Volt AC power is required for the optional light. The receptacle box will be installed on the lower left corner of the unit and will need to be wired by a qualified electrician prior to the optional light installation. The neutral (wider) slot of the polarized receptacle should be at the top. A wall mounted switch should be installed to turn the accent lighting on/off. See wiring diagram in the instruction manual.
10) Feed the plug wiring through the opening in the firebox - secure light assembly mounting plate and gasket with 4 screws from the cover plate in step 9.

11) Remove the 2 cover plates and gaskets located in the lower front of the firebox by removing 4 screws from each plate - see below. Discard cover plates and gaskets - keep the screws.

12) Remove one screw securing the socket end of the diffuser and separate the 2 parts - as shown below.

13) Remove the amber glass - by sliding out.

14) Place gasket over the inside perimeter of the light diffuser box.

15) From outside the firebox - install light assembly box and gasket into opening created from the removal of the cover plates open end up - as shown below.

16) Secure the light diffuser in place with the 4 screws set aside from the cover plates.

17) Slide amber glass into light diffuser to reinstall.

18) Install bulb into the socket end of assembly - as shown below.

Note: Oils from hands will shorten the life of the bulbs, do not handle bulbs with bare hands.
19) Install socket and bulb into light diffuser as shown below.

20) Secure socket to light diffuser with one screw - as shown below.

21) Repeat steps 12-20 to install 2nd light diffuser.

22) Plug light assembly into receptacle located in the lower left corner inside the unit, attach ground wire to ground lug - located forward of the receptacle.

23) Reconnect electrical supply - test lights.

24) Reverse steps 8 -2.

**BULB REPLACEMENT**

1) Slide out bottom faceplate panel - see step 3 from previous page.

2) Remove 4 screws securing light diffuser mounting plate.

3) Pull out light diffuser.

4) Remove one screw securing the socket end of the diffuser and separate the 2 parts - as shown below.

5) Replace bulb.

**Note:** Oils from hands will shorten the life of the bulbs, do not handle bulbs with bare hands.

6) Reverse steps 3 through 1.
GLASS CRYSTALS OR OPTIONAL STONES
INSTALLATION ON BURNER

Spread the Glass Crystals or Stones evenly over the burner. Ensure the crystals/stones do not overlap excessively as this will affect the flame pattern.

IMPORTANT NOTE:
Only the supplied approved Glass Crystals and Stones are to be used with these fireplaces. Use of any other type of glass crystals or stones 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/Volcanic Stones **DO NOT** cover burner ports or pilot light that lead to pilot flame.

### BURNER PACKAGES

<table>
<thead>
<tr>
<th>Unit</th>
<th>*Glass Crystals</th>
<th>Stones - Spa / Ceramic / Volcanic</th>
</tr>
</thead>
<tbody>
<tr>
<td>E18</td>
<td>5lbs</td>
<td>5lb Glass + 70 spa stones or 1 Box Volcanic stones</td>
</tr>
<tr>
<td>GF900C (AUS)</td>
<td>10lbs (2lbs burner + 8lbs firebox)</td>
<td>10 lb Glass + 32 Volcanic Stones</td>
</tr>
<tr>
<td>HZ54E</td>
<td>3 lbs</td>
<td>1 lb Glass + 2 packages (140 Spa Stones)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>2 lb Glass + 35 Ceramic Stones or 2 lb Glass + 40 Volcanic Stones</td>
</tr>
<tr>
<td>HZ42 / HZ42E</td>
<td>2 lbs</td>
<td>1 lb Glass + 1 package (70 Spa Stones)</td>
</tr>
<tr>
<td>HZ42ST / HZ42STE</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>HZ40E</td>
<td>2lbs</td>
<td>1.5 lb Glass + 30 Ceramic Stones or 1.5 lb Glass + 25 Volcanic Stones</td>
</tr>
<tr>
<td>HZ33CE</td>
<td>4lbs</td>
<td>4 lb Glass + 1 package (70 Spa stones)</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 lb Glass + 20 Volcanic Stones</td>
</tr>
<tr>
<td></td>
<td></td>
<td>4 lb Glass + 16 Ceramic Stones</td>
</tr>
<tr>
<td>HZ234E ***</td>
<td>3/4 lb</td>
<td>3/4 lb Glass + 1 package 70 Spa Stones)**</td>
</tr>
<tr>
<td>HZ42 / HZ42E</td>
<td>2 lbs</td>
<td>2 lb Glass + 1 package (70 Spa Stones)</td>
</tr>
<tr>
<td>HZ54E</td>
<td>3 lbs</td>
<td>2 package Spa Stones = (140 spa stones)</td>
</tr>
<tr>
<td>HZ42 / HZ42E</td>
<td>2 lbs</td>
<td>2 package Spa Stones = (140 spa stones)</td>
</tr>
<tr>
<td>HZ33CE</td>
<td>4lbs</td>
<td>2 package Spa Stones = (140 spa stones)</td>
</tr>
<tr>
<td>HZ42 / HZ42E</td>
<td>2 lbs</td>
<td>2 package Spa Stones = (140 spa stones)</td>
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<td>HZ33CE</td>
<td>4lbs</td>
<td>2 package Spa Stones = (140 spa stones)</td>
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<tr>
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<td>2 lbs</td>
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</tr>
<tr>
<td>HZ33CE</td>
<td>4lbs</td>
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</tr>
<tr>
<td>HZ42 / HZ42E</td>
<td>2 lbs</td>
<td>2 package Spa Stones = (140 spa stones)</td>
</tr>
<tr>
<td>HZ33CE</td>
<td>4lbs</td>
<td>2 package Spa Stones = (140 spa stones)</td>
</tr>
</tbody>
</table>

**NOTE:** * Glass Crystals are not supplied with the unit. Must purchase separately - see quantities above.
Glass Crystals are available in 1lb and 5lb bags.
Note: 1 Spa stone package contains 70 stones.
** Recommended - use only 40 of the 70 spa stones on the HZ30E burner.
*** Recommended - use only 24 of the 70 spa stones on the HZ234E burner.

### OPTIONAL PEBBLES / GLASS CRYSTAL INSTALLATION FOR FIREBOX BASE (AROUND BURNER)

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 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.

### Firebox (Around Burner) Packages

<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</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>HZ6340E</td>
<td>3 lbs</td>
<td>1-2/3 packages (5 x bags pebbles)</td>
</tr>
<tr>
<td>HZ234E</td>
<td>3 lbs</td>
<td>1 package (3 x bags pebbles)</td>
</tr>
<tr>
<td>HZ42 / HZ42E (AUS)</td>
<td>3 lbs</td>
<td>1 package (3 x bags pebbles)</td>
</tr>
</tbody>
</table>
Glass Crystals shown on Burner for Units HZ54E, HZ42ST, HZ42STE, HZ1234E, HZ42E, HZ42, HZ30E, HZO42, HZO42 (AUS) PTO30, PTO60, Plateau Series.

Optional Spa Stones + Glass Crystals shown on burner. For Units HZ54E, HZ42ST, HZ42STE, HZ1234E, HZ42, HZ42E, HZ30E.

Glass Crystals shown surrounding the Burner.

Natural River Pebbles shown surrounding the a Horizon Burner.

Glass Crystals shown on Burner and Firebox Floor for Units HZ1390E, HZ1540E.

DO NOT block pilot area with glass crystals.
GLASS DOOR INSTALLATION

Diagram 1

Diagram 2

Diagram 3
FACEPLATE INSTALLATION

1) Hook the flange on the back of the faceplate over the top edge of the glass door - as shown below.

2) The height at which the faceplate sits may be adjusted to maintain an even space between the upper faceplate and lower faceplate panel.

The upper faceplate can be raised up once the lower faceplate panel is in position - by adjusting the 2 screws at the back of the upper faceplate - see below (requires an extended phillips head screw driver).

3) Pull out inner slide from the outer slide.

4) Push down on the black lever on the outside of the inner slide - this will release the inner slide. Pull inner slide completely out - from outer slide.

5) Lay out the brackets for the lower faceplate to identify the left and right brackets.

6) Install the brackets onto the lower faceplate.

Note: Installation location of the left and right brackets is the same for both the HZ42 and HZ42ST.

Right bracket shown in position on lower faceplate.
7) Secure each bracket with 4 screws in locations shown below.

8) Install the inner slide removed from Step 4 to the bracket.  
Note: Installation locations of the slide are different for the HZ42 and HZ42ST - read instructions carefully.

10) With brackets and inner slides attached to the lower faceplate panel - guide the lower faceplate panel into the outer slides located in the bottom part of the unit. See inset.  
Push in until flush with upper faceplate.

11) Final installation of faceplate on HZ42 unit

Note: Two faceplates need to be installed on the HZ42 ST unit.
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 you 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.
**FOR YOUR SAFETY READ BEFORE LIGHTING**

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

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

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

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

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

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

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

**C)** Do not use this appliance if any part has been underwater. 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 lourds que l’air et peuvent s’accumuler au niveau du sol.

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

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

Il faut alors le réinitialiser en suivant les étapes ci-dessous (pour le déverrouiller) :

- a) Attendre 5 minutes et éteindre 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 télecopie.
- 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 effectué, vous devez débrancher l’appareil, du bloc-piles, voir le manuel d’instruction pour plus de détails.**

**DO NOT REMOVE THIS INSTRUCTION PLATE**

916-628b
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.

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.

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.
* Wear gloves when removing damaged or broken glass.
* Replacement of the glass panel(s) should be done by a licensed or qualified service person.

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.

CAUTION: Wear gloves when removing damaged or broken glass.

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.
GLASS DOOR REMOVAL

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

2) Turn off the gas supply to the unit.

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

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

1) Turn the unit off and allow it to cool down to room temperature.
2) Turn off the gas and power supply to the unit.
3) Remove the faceplate by lifting it up off the glass door.

4) Remove the glass door.
   a) Remove the 3 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 pilot cover as shown below.

6) Lift out firebox base cover.

7) Remove three screws from locations shown below to release burner.

   Slide burner to the left to release from the orifice and lift out - see inset.

8) Remove the valve tray by undoing the 14 outer screws.
   Note: Some of the screws are not visible in Diagram below.

   Note: If optional accent lights have been installed - assure all wiring is out of the way before removing valve assembly.
9) Partially lift out valve tray.

10) Disconnect the inlet gas line and remove the valve assembly.
11) Replace valve assembly and reverse steps.

**BULB REPLACEMENT**

1) Slide out bottom faceplate panel.
2) Remove 4 screws securing light diffuser mounting plate - see below.

3) Pull out light diffuser.

4) Remove one screw securing the socket end of the diffuser and separate the 2 parts - as shown below.

5) Replace bulb.

**Note:** Oils from hands will shorten the life of the bulbs, do not handle bulbs with bare hands.
## MAIN ASSEMBLY

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>2) 910-078</td>
<td>Battery AA</td>
<td>904-658</td>
<td>Inlet Gas Flex Line SS</td>
</tr>
<tr>
<td>910-363</td>
<td>White Wall Switch</td>
<td>430-011</td>
<td>Flue Collar Gasket</td>
</tr>
<tr>
<td>910-366</td>
<td>White Switch Plate Wire</td>
<td>596-047F</td>
<td>Relief plate door</td>
</tr>
<tr>
<td>3) 596-008</td>
<td>Bottom Cover NG / LP</td>
<td>596-048</td>
<td>Plate Relief Gasket</td>
</tr>
<tr>
<td>4) 596-525</td>
<td>Burner Assembly -NG</td>
<td>596-089</td>
<td>Valve Tray Gasket</td>
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<td>596-530</td>
<td>Burner Assembly-LP</td>
<td>430-011</td>
<td>Inner Flue Collar Gasket</td>
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<td>Valve Assembly -NG</td>
<td>586-017F</td>
<td>Flue Restrictor Plate</td>
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<td>596-576/P</td>
<td>Valve Assembly-LP</td>
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<td>6) 911-004</td>
<td>886 Sit Valve - NG</td>
<td>596-068</td>
<td>Top nailing strip</td>
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<td>911-005</td>
<td>886 Sit Valve - LP</td>
<td>596-045</td>
<td>Side nailing strip</td>
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<td>7) 911-006</td>
<td>Pilot Assembly - NG</td>
<td>596-072</td>
<td>Bottom nailing strip</td>
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<td>911-007</td>
<td>Pilot Assembly - LP</td>
<td>940-361/P</td>
<td>Flush Glass / c/w gasket</td>
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<td>8) 904-593</td>
<td>Orifice # 40 (NG)</td>
<td>586-029</td>
<td>Flush Glass Frame (shown on next page)</td>
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<tr>
<td>904-345</td>
<td>Orifice # 53 (LP)</td>
<td>910-882</td>
<td>Wire (Valve to Burner ON/OFF)</td>
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<tr>
<td>9) 948-484</td>
<td>Slide Hinge</td>
<td>918-932</td>
<td>Manual</td>
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</tbody>
</table>

### Diagram Description

- **Part 1**: Battery (NG / LP)
- **Part 2**: White Wall Switch (NG / LP)
- **Part 3**: White Switch Plate Wire (NG / LP)
- **Part 4**: Bottom Cover (NG / LP)
- **Part 5**: Burner Assembly (NG / LP)
- **Part 6**: Valve Assembly (NG / LP)
- **Part 7**: 886 Sit Valve (NG / LP)
- **Part 8**: Pilot Assembly (NG / LP)
- **Part 9**: Orifice # (NG / LP)
- **Part 10**: Slide Hinge
- **Part 11**: Inlet Gas Flex Line SS
- **Part 12**: Flue Collar Gasket
- **Part 13**: Relief plate door
- **Part 14**: Plate Relief Gasket
- **Part 15**: Valve Tray Gasket
- **Part 16**: Inner Flue Collar Gasket
- **Part 17**: Flue Restrictor Plate
- **Part 18**: Gas line cover
- **Part 19**: Top nailing strip
- **Part 20**: Side nailing strip
- **Part 21**: Bottom nailing strip
- **Part 22**: Flush Glass / c/w gasket
- **Part 23**: Flush Glass Frame (shown on next page)
- **Part 24**: Wire (Valve to Burner ON/OFF)
- **Part 25**: Manual
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<td>GT Proflame Remote Control</td>
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<td>GTM Proflame Remote Control</td>
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<td>946-683</td>
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<td>910-574</td>
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<td>910-572</td>
<td>Receiver GTM SIT w/Batt &amp; Cover</td>
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</table>
Regency® Fireplace Products are designed with reliability and simplicity in mind. In addition, our internal Quality Assurance Team carefully inspects each unit thoroughly before it leaves our facility. Regency® Fireplace Products is pleased to extend this limited lifetime warranty to the original purchaser of a Regency® Product. This warranty is not transferable.

The Warranty: Limited Lifetime

The combustion chamber, heat exchanger, burner tubes/pans, logs, glass crystals, 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®.
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.: _________________________________________________________