P36 Zero Clearance
Direct Vent Gas Fireplace

MODELS:  P36-NG4 Natural Gas  P36-LP4 Propane

Owners & Installation Manual

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

Homeowner: Please keep these instructions for future reference.

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.
To the New Owner:

Congratulations!
You are the owner of a state-of-the-art Gas Fireplace by FPI FIREPLACE PRODUCTS INTERNATIONAL LTD. The P36 has been designed to provide you with all the warmth and charm of a wood fireplace at the flick of a switch. The model P36 has been approved by Warnock Hersey 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 FPI Fireplace.

![WARNING!]

- HOT GLASS WILL CAUSE BURNS
- DO NOT TOUCH GLASS UNTIL COOLED
- NEVER ALLOW CHILDREN TO TOUCH GLASS

P36 Video
INFORMATION FOR MOBILE/MANUFACTURED HOMES AFTER FIRST SALE

This FPI product has been tested and listed by Warnock Hersey as a Vented Gas Fireplace Heater to the following standards: CAN/CGA-2.17-M91, and ANSI Z21.88a-2007/CSA 2.33a-2007.

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

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

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

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

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).
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This is a copy of the label that accompanies each P36 Zero Clearance Direct Vent Gas Fireplace. We have printed a copy of the contents here for your review. The safety label is located on the front inside base of the unit, visible when the bottom louver is open.

**NOTE:** FPI 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.

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**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.

<table>
<thead>
<tr>
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<tbody>
<tr>
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</tr>
<tr>
<td>Altitude 0-2000 (\text{ft} ) (610\text{m})</td>
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</tbody>
</table>

The "Bay Louvers" be properly sealed.

**PROPALE GAS: Model P36-1P4**

| Minimum supply pressure 12" \(\text{W.C.} \) \(0.36\text{kPa}\) |
| Manifold pressure high 15" \(\text{W.C.} \) \(0.47\text{kPa}\) |
| Manifold pressure low 2.3" \(\text{W.C.} \) \(0.064\text{kPa}\) |
| Orifice size \(\#53\) DMS \(1.51\text{mm}\) |
| Minimum input 30000 Btu \(\text{h} \) \(87.9kW\) |
| Maximum input 45000 Btu \(\text{h} \) \(128.7kW\) |
| Altitude 0-2000 \(\text{ft} \) \(610\text{m}\) |

This appliance must be installed in accordance with the Standard CAN/GSA Z240 MH, Mobile Housing, in Canada, or with the Manufactured Home Construction and Safety Standard, Title 24 CFR, Part 3280, in the United States, or when such a standard is not applicable, ANSI/NCSBCS A225.1, NFPA501A, Manufactured Home Installations Standard or ANSI/A119.2 or NFPA501C 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. Fan (Part # 432-917) Optional Bay Window (Part #510-930) Option: HeatWave Kit # 946-556

| Convertible to 25,000 Btu for altitude 2000 - 4500 ft. with Orifice part #: 304-545 |
| Minimum input 12,600 Btu \(\text{h} \) \(3.69\text{kW/hi}\) |
| Maximum input 25,000 Btu \(\text{h} \) \(7.39\text{kW/hi}\) |
| Orifice size \(\#53\) DMS \(1.51\text{mm}\) |
| Altitude 2000-4500 \(\text{ft} \) \(610-1372\text{m}\) |

**Vented Gas Fireplace Heater - NOT for use with solid fuels.**

For the State of Massachusetts, installation and repair must be done by a plumber or gasfitter licensed in the Commonwealth of Massachusetts.

For the State of Massachusetts, flexible connectors shall not exceed 36 inches in length.

For the State of Massachusetts, the appliances individual manual shut-off must be a t-handle type valve.

The State of Massachusetts requires the installation of a carbon monoxide alarm in accordance with NFPA 720 and a CO alarm with battery back up in the same room where the gas appliance is installed.
MA Code - CO Detector  
(for the State of Massachusetts only)

5.08: Modifications to NFPA-54, Chapter 10

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

(e) A copy of all installation instructions for all Product Approved side wall horizontally vented gas fueled equipment, all venting instructions, all parts lists for venting instructions, and/or all venting design instructions shall remain with the appliance or equipment at the completion of the installation.
UNIT DIMENSIONS

33-1/4” (838mm)
36” (914mm)

36” (914mm)
33-1/4” (838mm)

36” (914mm)
36” (940mm)
30-1/2” (775mm)

32-1/2” (826mm)
12-3/4” (324mm)
IMPORTANT MESSAGE
SAVE THESE INSTRUCTIONS

The P36-NG or P36-LP Direct Vent Gas Fireplace must be installed in accordance with these instructions. Carefully read all the instructions in this manual first. Consult the “authority having jurisdiction” to determine the need for a permit prior to starting the installation. It is the responsibility of the installer to ensure this fireplace is installed in compliance with manufacturer’s instructions and all applicable codes.

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

INSTALLATION AND REPAIR SHOULD BE DONE BY 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 IMPORTANT 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 DRAPERVES.

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

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

YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE SAME ROOM AS THE APPLIANCE.

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

GENERAL SAFETY INFORMATION

1) The appliance installation must conform with local codes or, in the absence of local codes, with the current Canadian or National Gas Codes, CAN1-B149 or ANSI Z223.1 Installation Codes.

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

3) See general construction and assembly instructions. The appliance and vent should be enclosed.

4) This appliance must be connected to the specified vent and termination cap to the outside of the building envelope. Never vent to another room or inside a building. Make sure that the vent is fitted as per Venting instructions.

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

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

7) Any safety glass removed for servicing must be replaced prior to operating the appliance.

8) To prevent injury, do not allow anyone who is unfamiliar with the operation to use the fireplace.

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

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

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

12) Installation and any repairs to this appliance should be done by a qualified service person. A professional service person should be called to inspect this appliance annually. Make it a practice to have all of your gas appliances checked annually.

13) Do not slam shut or strike the glass door.

14) Under no circumstances should any solid fuels (wood, paper, cardboard, coal, etc.) be used in this appliance.

15) The appliance area must be kept clear and free of combustible materials, (gases and other flammable vapours and liquids).

INSTALLATION CHECKLIST

1) Locate appliance. Refer to the following sections:
   a) Locating Your Gas Fireplace
   b) Clearances
   c) Combustible Mantel Clearances
   d) Framing & Finishing
   e) Venting

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

3) Install vent (Refer to the "Venting" sections).

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

Convert to propane if desired (Refer to the "Conversion" section).

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

6) 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 30,000 Btu/h) 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 outlined on this page are met.

2) Provide adequate clearances for servicing.

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

4) The P36 Direct Vent Gas Fireplace can be installed in a recessed position or framed out into the room as in A, B, C, D. See Diagram 1.

5) This appliance is Listed for bedroom installations when used with a Listed Millivolt Thermostat. Some areas may have further requirements, check local codes before installation.

6) The P36 Direct Vent Gas Fireplace is approved for alcove installations, which meet the clearances listed on this page.

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

Note: For vent terminations see the “Exterior Vent Termination Locations” section.

HEATWAVE DUCT SYSTEM
OPTIONAL KIT #946-556

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

Up to two kits may be installed on the fireplace.

Please Note: Only 1 HeatWave kit may be operated at one time. This includes the internal blower option as well.

The HeatWave Duct Kit has different clearance and framing requirements, check the HeatWave manual for details.

OPTIONAL HEAT RELEASE KIT
#946-570

The Heat Release Kit expels warm air from the fireplace to the outside of the building, allowing the fireplace to be operated with less heat entering the room. The kit may be used on either the left or right side.

MANUFACTURED MOBILE HOME ADDITIONAL REQUIREMENTS

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

2) Ensure proper grounding using the #8 ground lug provided. See the “Alternate Wiring Diagram for Wall Switch” 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.

Clearance to Combustibles from:
- Back: 0" (0mm)
- Side: 0" (0mm)
- Floor: 0" (0mm)

NOTE: The minimum floor clearance must be maintained from the top surface of the carpeting, tile, etc.

Minimum Clearance from Top of Unit to:
- Ceiling from top of unit: 32" (1016mm)
- Flush Front: 6" (152mm)
- Full Screen Doors: 6" (152mm)

* Measured from Surround or Front. See the "Regency Clearances for dimensions" section.

Horizontal Vent Clearances:
- Top: 2" (51mm)
- Side: 1-1/2" (38mm)
- Bottom: 1-1/2" (38mm)

Vertical Vent Clearances: 1-1/4" (32mm)

Alcove Clearances**:
- Max. Depth: 36" (914mm)
- Min. Width: 48" (1219mm)
- Min. Height: 72" (1829mm)

WARNING: Fire hazard is an extreme risk if these clearances are not adhered to.

The HeatWave Duct Kit and the Heat Release Kit have different clearance and framing requirements, check the HeatWave and Heat Release manual for details.
REGENCY® CLEARANCES

Note: No Hearth Required.

Clearances for Flush Front & Full Screen Doors

TRIPOLI ARCH DOOR CLEARANCES

Min. 6" (152mm)
REGENCY® SERIES COMBUSTIBLE MANTEL CLEARANCES

Because of the extreme heat this fireplace emits, the mantel clearances are critical. Combustible mantel clearances from top of unit are shown in Diagram 1.

Note: A non-combustible mantel may be installed at a lower height if the framing is made of metal studs covered with a non-combustible board.

![Diagram 1](image)

These drawings are to scale at 1:6 (one inch = 6 inches)
Mantel can be installed anywhere in shaded area or higher using the above scale.

Note: Ensure the paint that is used on the mantel and the facing is "heat resistant" or the paint may discolour.
**REGENCY® SERIES COMBUSTIBLE MANTEL CLEARANCES**

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

**Note:** A non-combustible mantel may be installed at a lower height if the framing is made of metal studs covered with a non-combustible board.

These drawings are to scale at 1:6 (one inch = 6 inches). Mantel can be installed anywhere in shaded area or higher using the above scale.

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

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**REGENCY® MANTEL LEG CLEARANCES**

Combustible mantel leg clearances as per diagram:

- Maximum 1-1/2" projection at 2" minimum clearance.
- Measure from unit.
- Allowable mantel leg projection.
- Minimum 6".
TRIPOLI ARCH DOOR FRAMING NOTE

When installing the optional Tripoli Arch Door, a non-combustible material 12" (305mm) above the unit and 6" (153mm) on each side must be used. See diagram 2. For complete framing dimensions - see page 57 in this manual.

The Tripoli Arch Door also requires steel stud framing above and on each side of the unit, see diagram 2.
IMPORTANT FINISHING DETAIL NOTE:
When installing tile, carpeting, or any other finishing material in front of the unit, the top of the surface of the tile, carpeting, etc. must not be any higher than the base of the fireplace. Any higher and the optional accessories will not fit (i.e. finishing trim, surrounds, etc.)

NOTE: Floor Finishing Material must not be any higher than the base of the fireplace.

1) Determine the total thickness of facing material (e.g. drywall plus ceramic tiles) to allow the finished surface to be flush with the front of the unit. Total facing thickness can vary from 1/2" (13mm) to 1-1/4" (32mm) thick.

2) Frame in the enclosure for the unit with framing material. The framed opening is 36-1/4" high x 36-1/4" wide x 12-3/4" deep (921mm high x 921mm wide x 324mm deep).

3) 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.)

4) The top of the unit must not be closer than 32" (813mm) to the ceiling.

5) Use steel studs for framing where the 1-1/2" (38mm) clearance from the vent to combustible materials cannot be maintained, e.g. front top header.
UNIT ASSEMBLY
PRIOR TO INSTALLATION

The Top Facing Support, the Side Nailing Strips and the 2 Top Standoffs must be correctly positioned and attached to the top before unit is slipped into position.

Top Standoff Assembly

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

1) Remove the standoffs from the fireplace top.

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 top with 2 screws per standoff (on opposite corners).

Top Facing Support & Side Nailing Strips

Determine the total thickness of facing material (e.g. drywall plus ceramic tiles) to allow the finished surface to be flush with the front of the unit. Total facing thickness can vary from 1/2" (13mm) to 1-1/4" (32mm) thick.

The Top Facing Support can be mounted in 3 different positions depending on the thickness of the facing material.

<table>
<thead>
<tr>
<th>Screw Position</th>
<th>Facing Material Depth</th>
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<tbody>
<tr>
<td>A</td>
<td>1/2&quot; / 13mm</td>
</tr>
<tr>
<td>B</td>
<td>7/8&quot; / 22mm</td>
</tr>
<tr>
<td>C*</td>
<td>1-1/4&quot; / 32mm</td>
</tr>
</tbody>
</table>

* For "C" screw position the top facing support is reversed.

"C" Screw Position:
For a facing material depth of 1-1/4" (32mm), the top facing support must be reversed.

VENTING INTRODUCTION

The P36-1 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 its own separate vent system. Common vent systems are prohibited.
## EXTERIOR VENT TERMINATION LOCATIONS

<table>
<thead>
<tr>
<th>Minimum Clearance Requirements</th>
<th>Canada¹</th>
<th>USA²</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Clearance above grade, veranda, porch, deck, or balcony</td>
<td>12&quot; (30cm)</td>
<td>12&quot; (30cm)</td>
</tr>
<tr>
<td>B Clearance to window or door that may be opened</td>
<td>12&quot; (30cm)</td>
<td>9&quot; (23cm)</td>
</tr>
<tr>
<td>C Clearance to permanently closed window</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>D Vertical clearance to ventilated soffit located above the terminal within a horizontal distance of 2 feet (61cm) from the center line of the terminal (check with the local code)</td>
<td>18&quot; (46cm)</td>
<td>18&quot; (46cm)</td>
</tr>
<tr>
<td>E Clearance to unventilated soffit</td>
<td>15&quot; (38cm)</td>
<td>15&quot; (38cm)</td>
</tr>
<tr>
<td>F Clearance to outside corner: with AstroCap Termination Cap.</td>
<td>6&quot; (15cm)</td>
<td>6&quot; (15cm)</td>
</tr>
<tr>
<td>Clearance to outside corner: with all other approved Termination Caps.</td>
<td>14&quot; (36cm)</td>
<td>14&quot; (36cm)</td>
</tr>
<tr>
<td>G Clearance to inside corner: with AstroCap Termination Cap</td>
<td>6&quot; (15cm)</td>
<td>6&quot; (15cm)</td>
</tr>
<tr>
<td>Clearance to inside corner: with all other approved Termination Caps.</td>
<td>12&quot; (30cm)</td>
<td>12&quot; (30cm)</td>
</tr>
<tr>
<td>H Clearance to each side of center line extended above meter/regulator assembly</td>
<td>36&quot; (90cm)⁴</td>
<td>*</td>
</tr>
<tr>
<td>J Clearance to service regulator vent outlet</td>
<td>36&quot; (90cm)</td>
<td>*</td>
</tr>
<tr>
<td>K Clearance to non-mechanical air supply inlet to building or the combustion air inlet to any other appliance</td>
<td>12&quot; (30cm)</td>
<td>9&quot; (23cm)</td>
</tr>
<tr>
<td>L Clearance to a mechanical air supply inlet #3 (91cm) above if within 10' (3m) horizontally.</td>
<td>72&quot; (1.8m)</td>
<td>36&quot; (90cm)⁵</td>
</tr>
<tr>
<td>M Clearance above paved sidewalk or a paved driveway located on public property</td>
<td>84&quot; (2.1m)⁶</td>
<td>*</td>
</tr>
<tr>
<td>N Clearance under veranda, porch, deck, or balcony</td>
<td>12&quot; (30cm)⁷</td>
<td>*</td>
</tr>
</tbody>
</table>

¹ In accordance with current CSA B149.1, *Natural Gas and Propane Installation Code*
² In accordance with the current ANSI Z223.1/NFPA 54, *National Fuel Gas Code*

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* Vent Termination
* Air Supply Outlet
* Area where terminal is not permitted

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A vent shall not terminate directly above a sidewalk or paved driveway which is located between two single family dwellings and serves both dwellings.

† Permitted only if veranda, porch, deck, or balcony is fully open on a minimum of two sides beneath the floor.

‡ Clearance in accordance with local installation codes and the requirements of the gas supplier

* 3 feet (91cm) within a height of 15 feet (4.5m) above the meter / regulator assembly

* 3 feet (91cm) above - if within 10 feet (3m) horizontally
VENTING

DIRECT VENT SYSTEM (FLEX)
HORIZONTAL TERMINATIONS ONLY

These venting systems, in combination with the P36 Direct Vent Gas Fireplace, have been tested and listed as a direct vent heater system by Warnock Hersey. The location of the termination cap must conform to the requirements in the Vent Terminal Locations diagram in the “Exterior Vent Termination Locations” section.

FPI Direct Vent (Flex) System Termination Kit (Part # 946-515) includes all the parts needed to install the P36 with a maximum run of 4 feet.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
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</thead>
<tbody>
<tr>
<td>1)</td>
<td>6-7/8&quot; dia. flexible liner (4 ft. length)</td>
</tr>
<tr>
<td>2)</td>
<td>4&quot; dia. flexible liner (4 ft. length)</td>
</tr>
<tr>
<td>3)</td>
<td>spring spacers (4)</td>
</tr>
<tr>
<td>4)</td>
<td>thimble (2)</td>
</tr>
<tr>
<td>5)</td>
<td>AstroCap termination cap (1)</td>
</tr>
<tr>
<td>6)</td>
<td>screws (12)</td>
</tr>
<tr>
<td>7)</td>
<td>tube of Mill Pac (1)</td>
</tr>
<tr>
<td>8)</td>
<td>plated screws (8)</td>
</tr>
<tr>
<td>9)</td>
<td>screws #8 x 1-1/2&quot; Drill Point, Stainless Steel (4)</td>
</tr>
</tbody>
</table>

If longer runs are needed, the FPI Direct Vent system (Flex) # 946-516 includes all the parts needed to install the P36 with a maximum 10’ run.

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>1)</td>
<td>6-7/8&quot; dia. flexible liner (10 ft. length)</td>
</tr>
<tr>
<td>2)</td>
<td>4&quot; dia. flexible liner (10 ft. length)</td>
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<tr>
<td>3)</td>
<td>spring spacers (7)</td>
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<td>4)</td>
<td>thimble (2)</td>
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<td>5)</td>
<td>AstroCap termination cap (1)</td>
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<tr>
<td>6)</td>
<td>screws (12)</td>
</tr>
<tr>
<td>7)</td>
<td>tube of Mill Pac (1)</td>
</tr>
<tr>
<td>8)</td>
<td>plated screws (8)</td>
</tr>
<tr>
<td>9)</td>
<td>screws #8 x 1-1/2&quot; Drill Point, Stainless Steel (4)</td>
</tr>
</tbody>
</table>

Notes:
1) Liner sections should be continuous without any joints or seams.
2) Only Flex pipe purchased from FPI may be used for Flex installations.
3) If you are installing the P36 into a FPI Cabinet Mantel Kit, use the minimum horizontal vent height (centre-line of 40-1/2”). Remember to include the mantel base (3” in height) in your calculations and to maintain the 2” clearance to the underside of the mantel top.
## INSTALLATION

### 4” X 6-5/8” RIGID PIPE CROSS REFERENCE CHART

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

<table>
<thead>
<tr>
<th>Description</th>
<th>Simpson Direct Vent Pro®</th>
<th>Selkirk Direct Temp™</th>
<th>American Metal Products® Amarentvent Direct</th>
<th>Metal-Fab™ Sure Seal</th>
<th>Security Secure-Vent®</th>
<th>ICC Excel Direct</th>
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<tbody>
<tr>
<td>6” Pipe Length-Galvanized</td>
<td>46DVA-06</td>
<td>4DT-6</td>
<td>N/A</td>
<td>4D6</td>
<td>SV4L6</td>
<td>TC-4DL6</td>
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<td>6” Pipe Length-Black</td>
<td>46DVA-06B</td>
<td>4DT-6B</td>
<td>N/A</td>
<td>4D6B</td>
<td>SV4L6B</td>
<td>TC-4DL6B</td>
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<td>N/A</td>
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<td>9” Pipe Length-Galvanized</td>
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<td>4D12</td>
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<td>SV4L12</td>
<td>TC-4DL1</td>
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<td>4DT-12B</td>
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<td>4D12B</td>
<td>SV4L12B</td>
<td>TC-4DL1B</td>
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<td>4D18</td>
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<td>Adjustable Length 3”-10”-Galvanized</td>
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<td>N/A</td>
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<td>TC-4DLT</td>
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<td>Adjustable Length 7”-Galvanized</td>
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<td>Adjustable Length 7”-Black</td>
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<td>Extension Pipe 8-1/2”-Galvanized</td>
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<tr>
<td>45” Elbow-Galvanized</td>
<td>46DVA-E45</td>
<td>4DT-EL45</td>
<td>4D45L</td>
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<td>TE-4DE45</td>
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<tr>
<td>45” Elbow-Black</td>
<td>46DVA-E45B</td>
<td>4DT-EL45B</td>
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<tr>
<td>90° Elbow-Galvanized</td>
<td>46DVA-E90</td>
<td>4DT-EL90S</td>
<td>4D90L</td>
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<td>90° Elbow-Black</td>
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<td>4DT-EL90SB</td>
<td>4D90L</td>
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<tr>
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<td>N/A</td>
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<td>N/A</td>
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<td>4D90L</td>
<td>SV4EB90-1</td>
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<td>Ceiling Support</td>
<td>N/A</td>
<td>4DT-CS</td>
<td>4DFSP</td>
<td>4DSP</td>
<td>SV4SD</td>
<td>TE-4DE45</td>
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<td>Cathedral Support Box</td>
<td>46DVA-CS</td>
<td>4DT-CSS</td>
<td>4DRSB</td>
<td>4DRS</td>
<td>SV4CSB</td>
<td>TE-4DE45B</td>
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<td>Wall Support/Band</td>
<td>46DVA-WS</td>
<td>4DT-WS/S</td>
<td>4DWS</td>
<td>4DWS</td>
<td>SV4BM</td>
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<td>Offset Support</td>
<td>46DVA-ES (N/A - FPI)</td>
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<td>SV4SU</td>
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<td>Wall Thimble-Black</td>
<td>46DVA-WT</td>
<td>4DT-WT</td>
<td>4DWT</td>
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<td>SV4RSM</td>
<td>TE-4DE90</td>
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<td>Wall Thimble Support/Ceiling Support</td>
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<td>4DT-FS</td>
<td>4DFSP</td>
<td>4DFS</td>
<td>SV4BF</td>
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<tr>
<td>Trim Plate-Black</td>
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<td>4DT-TP</td>
<td>4DFBP</td>
<td>4DCP</td>
<td>SV4LA</td>
<td>N/A</td>
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<td>Description</td>
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<td>Selkirk</td>
<td>American Metal Products</td>
<td>Metal-Fab™ Secure Vent Seal</td>
<td>Security Secure-Vent®</td>
<td>ICC Excel Direct</td>
</tr>
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<tr>
<td>Attic Insulation Shield 12&quot;</td>
<td>46DVA-IS</td>
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<td>Basic Horizontal Termination Kit (A) Disc.</td>
<td>4DT-HKA</td>
<td>4DHTK1</td>
<td>4DHTK</td>
<td>SV-HK</td>
<td>N/A</td>
<td>TM-4HT</td>
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<td>46DVA-KHA</td>
<td>4DT-HKB</td>
<td>4DHTK</td>
<td>SV-HK</td>
<td>N/A</td>
<td>TM-4HT</td>
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<td>Vertical Termination Kit Disc.</td>
<td>4DT-VKC</td>
<td>4DHTK</td>
<td>4DHTK</td>
<td>SV-FK</td>
<td>N/A</td>
<td>TM-4HT</td>
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<tr>
<td>High Wind Vertical Cap</td>
<td>46DVA-VCH</td>
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<td>46DVA-HC</td>
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<td>4DHC</td>
<td>SV4CHC-1</td>
<td>TM-4HT</td>
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<td>46DVA-VC</td>
<td>4DT-HVC</td>
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<td>Storm Collar</td>
<td>46DVA-06A</td>
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<tr>
<td>Adjustable Flashing 9/12-6/12</td>
<td>46DVA-F6</td>
<td>4DT-ST14</td>
<td>4D12S</td>
<td>4DST14</td>
<td>SV4STC14</td>
<td>TF-4FA</td>
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<td>46DVA-FLA</td>
<td>4DT-ST36</td>
<td>4D36S</td>
<td>4DST36</td>
<td>SV4STC36</td>
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<td>Vinyl Siding Standoff</td>
<td>46DVA-VSS</td>
<td>4DT-VS</td>
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<td>SV4VS</td>
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<td>Snorkel Termination 14&quot;</td>
<td>46DVA-SNKL</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>TM-4ST14</td>
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<tr>
<td>Snorkel Termination 36&quot;</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>TM-4ST36</td>
</tr>
<tr>
<td>Restrictor Disk</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>TM-4DS</td>
</tr>
<tr>
<td>Extended Vertical Termination Cap</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>TM-4CA6</td>
</tr>
<tr>
<td>Chimney Conversion Kit A (USA only)</td>
<td>46DVA-KCA</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>TM-4CA7</td>
</tr>
<tr>
<td>Chimney Conversion Kit B (USA only)</td>
<td>46DVA-KCB</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>TM-4CA8</td>
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<tr>
<td>Chimney Conversion Kit C (USA only)</td>
<td>46DVA-KCC</td>
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<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Chimney Conversion Kit Masonry (USA only)</td>
<td>46DVA-KMC</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td></td>
</tr>
<tr>
<td>Wall Firestop</td>
<td>46DVA-WFS</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>TM-4TR</td>
</tr>
<tr>
<td>Colinear Flex Connectors</td>
<td>46DVA-ADF</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

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

### Offset Pipe Selection

<table>
<thead>
<tr>
<th>Pipe Length (L)</th>
<th>4&quot; x 6-5/8&quot; Venting</th>
<th>For specific instructions on venting components - visit the manufacturers website listed below.</th>
</tr>
</thead>
<tbody>
<tr>
<td>0&quot; (0mm)</td>
<td>4-7/8&quot; (124mm)</td>
<td>Simpson Direct Vent Pro: <a href="http://www.duravent.com">www.duravent.com</a></td>
</tr>
<tr>
<td>6&quot; (152mm)</td>
<td>8&quot; (203mm)</td>
<td>Selkirk Direct-Temp: <a href="http://www.selkirkcorp.com">www.selkirkcorp.com</a></td>
</tr>
<tr>
<td>9&quot; (229mm)</td>
<td>10-1/8&quot; (257mm)</td>
<td>American Metal Products: <a href="http://www.americanmetalproducts.com">www.americanmetalproducts.com</a></td>
</tr>
<tr>
<td>12&quot; (305mm)</td>
<td>12-1/4&quot; (311mm)</td>
<td>Metal-Fab Sure Seal: <a href="http://www.mtfab.com">www.mtfab.com</a></td>
</tr>
<tr>
<td>24&quot; (610mm)</td>
<td>20-5/8&quot; (524mm)</td>
<td>Security Secure Vent: <a href="http://www.securitychimneys.com">www.securitychimneys.com</a></td>
</tr>
<tr>
<td>36&quot; (914mm)</td>
<td>29&quot; (737mm)</td>
<td>Industrial Chimney Company: <a href="http://www.icc-rsf.com">www.icc-rsf.com</a></td>
</tr>
<tr>
<td>48&quot; (1219mm)</td>
<td>37-7/16&quot; (951mm)</td>
<td></td>
</tr>
</tbody>
</table>

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

Horizontal or Vertical Terminations

The minimum components required for a basic horizontal termination are:

1. Horizontal Termination Cap
2. 90° Elbow
3. Rigid Pipe Adaptor
4. Wall Thimble
5. Length of pipe to suit wall thickness (see chart)

Wall thickness is measured from the back standoffs to the inside mounting surface of termination cap. For siding other than vinyl furring strips may be used, instead of the vinyl siding standoff, to create a level surface to mount the vent terminal. The Terminal must not be recessed into siding. Measure the wall thickness including furring strips.

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

**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 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®, 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.

---

### Flat Wall Installation

<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; - 1-1/2&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.</td>
</tr>
</tbody>
</table>

### Corner Installation

<table>
<thead>
<tr>
<th>Wall Thickness (inches)</th>
<th>Vent Length Required (inches)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3-1/4&quot; - 6-3/4&quot;</td>
<td>11&quot; - 14-5/8&quot; Adj. Pipe</td>
</tr>
<tr>
<td>7-3/4&quot; - 16-1/4&quot;</td>
<td>17&quot; - 24&quot; Adj. Pipe</td>
</tr>
<tr>
<td>7-1/4&quot; - 8-3/4&quot;</td>
<td>6&quot; + 12&quot;</td>
</tr>
<tr>
<td>4-1/4&quot; - 5-3/4&quot;</td>
<td>6&quot; + 9&quot;</td>
</tr>
</tbody>
</table>

When using Rigid Vent other than Simpson Dura-Vent, 3 screws must be used to secure rigid pipe to adaptor.
RIGID PIPE VENTING ARRANGEMENTS
HORIZONTAL TERMINATIONS
FPI DIRECT VENT SYSTEM (FLEX) (Propane & Natural Gas)

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

Note: Must use optional rigid pipe adaptor (Part # 510-994) when using Rigid Pipe venting systems.

- Maintain clearances to combustibles.
- Horizontal vent must be supported every 3 feet.
- Firestops are required at each floor level and whenever passing through a wall.

NOTE: If you are installing the P36 into a FPI Cabinet Mantel Kit, use the minimum horizontal vent height (centre-line of 40-1/2”). Remember to include the mantel base (3” in height) in your calculations and to maintain the 2” clearance with rigid pipe and flex systems to the underside of the mantel top.

All Rigid Pipe Systems
4” inner diameter
6-5/8” outer diameter

FPI Flex Vent
4” inner diameter
6-7/8” inner diameter

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

Note: FPI Direct Vent System (Flex Part #’s 946-515, 946-516) is only approved for horizontal terminations.
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>0' Min.</td>
<td>2' Max.</td>
</tr>
<tr>
<td>B)</td>
<td>1' Min.</td>
<td>3' Max.</td>
</tr>
<tr>
<td>C)</td>
<td>2' Min.</td>
<td>4' Max.</td>
</tr>
<tr>
<td>D)</td>
<td>3' Min.</td>
<td>5' Max.</td>
</tr>
<tr>
<td>E)</td>
<td>4' Min.</td>
<td>6' Max.</td>
</tr>
<tr>
<td>F)</td>
<td>5' Min.</td>
<td>7' Max.</td>
</tr>
<tr>
<td>G)</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.

Lengths do not include elbow indicated

Horizontal Venting with Three (3) 90° Elbows

One 90° elbow = Two 45° elbows.

<table>
<thead>
<tr>
<th>Option</th>
<th>V</th>
<th>H</th>
<th>V + V1</th>
<th>H + H1</th>
</tr>
</thead>
<tbody>
<tr>
<td>A)</td>
<td>0' Min.</td>
<td>1' Max.</td>
<td>1' Min.</td>
<td>2' Max.</td>
</tr>
<tr>
<td>B)</td>
<td>1' Min.</td>
<td>2' Max.</td>
<td>3' Min.</td>
<td>3' Max.</td>
</tr>
<tr>
<td>C)</td>
<td>2' Min.</td>
<td>3' Max.</td>
<td>5' Min.</td>
<td>4' Max.</td>
</tr>
<tr>
<td>D)</td>
<td>3' Min.</td>
<td>4' Max.</td>
<td>7' Min.</td>
<td>5' Max.</td>
</tr>
<tr>
<td>E)</td>
<td>4' Min.</td>
<td>5' Max.</td>
<td>9' Min.</td>
<td>6' Max.</td>
</tr>
<tr>
<td>F)</td>
<td>5' Min.</td>
<td>6' Max.</td>
<td>10' Min.</td>
<td>7' Max.</td>
</tr>
<tr>
<td>G)</td>
<td>6' Min.</td>
<td>7' Max.</td>
<td>11' Min.</td>
<td>8' Max.</td>
</tr>
<tr>
<td>H)</td>
<td>7' Min.</td>
<td>8' Max.</td>
<td>12' Min.</td>
<td>9' Max.</td>
</tr>
</tbody>
</table>

With these options, max. total pipe length is 30 feet with min. of 12 feet total vertical and max. 9 feet total horizontal. Please note min. 1 foot between 90° elbows is required.

Lengths do not include elbow indicated
Vertical Venting with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

<table>
<thead>
<tr>
<th>Option</th>
<th>V</th>
<th>H</th>
<th>V + V1</th>
</tr>
</thead>
<tbody>
<tr>
<td>A)</td>
<td>0' Min.</td>
<td>2' Max.</td>
<td>1' Min.</td>
</tr>
<tr>
<td>B)</td>
<td>1' Min.</td>
<td>4' Max.</td>
<td>2' Min.</td>
</tr>
<tr>
<td>C)</td>
<td>2' Min.</td>
<td>5' Max.</td>
<td>3' Min.</td>
</tr>
<tr>
<td>D)</td>
<td>3' Min.</td>
<td>6' Max.</td>
<td>4' Min.</td>
</tr>
<tr>
<td>E)</td>
<td>4' Min.</td>
<td>7' Max.</td>
<td>5' Min.</td>
</tr>
<tr>
<td>F)</td>
<td>5' Min.</td>
<td>8' Max.</td>
<td>6' Min.</td>
</tr>
</tbody>
</table>

Lengths do not include elbow indicated

For additional vertical venting with 2 x 90° elbows, refer to next page.

With these options, max. total pipe length is 30 feet with min. of 6 feet total vertical and max. 8 feet total horizontal.

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

Vertical Venting with Three (3) 90° Elbows

One 90° elbow = Two 45° elbows.

<table>
<thead>
<tr>
<th>Option</th>
<th>V</th>
<th>H + H1</th>
<th>V + V1</th>
</tr>
</thead>
<tbody>
<tr>
<td>A)</td>
<td>0' Min.</td>
<td>2' Max.</td>
<td>2' Min.</td>
</tr>
<tr>
<td>B)</td>
<td>1' Min.</td>
<td>2' Max.</td>
<td>3' Min.</td>
</tr>
<tr>
<td>C)</td>
<td>2' Min.</td>
<td>3' Max.</td>
<td>4' Min.</td>
</tr>
<tr>
<td>D)</td>
<td>3' Min.</td>
<td>4' Max.</td>
<td>6' Min.</td>
</tr>
<tr>
<td>E)</td>
<td>4' Min.</td>
<td>5' Max.</td>
<td>7' Min.</td>
</tr>
<tr>
<td>F)</td>
<td>5' Min.</td>
<td>6' Max.</td>
<td>8' Min.</td>
</tr>
<tr>
<td>G)</td>
<td>6' Min.</td>
<td>7' Max.</td>
<td>9' Min.</td>
</tr>
<tr>
<td>H)</td>
<td>7' Min.</td>
<td>8' Max.</td>
<td>10' Min.</td>
</tr>
</tbody>
</table>

Lengths do not include elbow indicated

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.
RIGID PIPE VENTING ARRANGEMENTS

VERTICAL TERMINATIONS

(Propane & Natural Gas)

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

- Vent must be supported at offsets.
- Firestops are required at each floor level and whenever passing through a wall.
- Maintain clearances to combustibles.

Note: Must use optional rigid pipe adaptor when using rigid vent systems (Part # 510-994).
The P36 is approved for a 40 ft. straight vertical, with **rigid pipe** vent systems for Propane and Natural Gas, as per the diagram 1.

The shaded area in the diagram 1 shows all allowable combinations of straight vertical and offset to vertical terminations with **rigid pipe** vent systems for Propane and Natural Gas. **Maximum two 45° elbows allowed.**

- Vent must be supported at offsets.
- Firestops are required at each floor level and whenever passing through a wall.
- Maintain clearances to combustibles.
VERTICAL TERMINATION - CO-LINEAR FLEX SYSTEM

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

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

Required Parts:

<table>
<thead>
<tr>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>946-529</td>
<td>Co-linear DV Vertical Termination Cap</td>
</tr>
<tr>
<td>948-305</td>
<td>3” Flex - 35 ft.</td>
</tr>
<tr>
<td>946-563</td>
<td>Co-Axial to Co-Linear Adapter Kit</td>
</tr>
<tr>
<td></td>
<td>which contains the following:</td>
</tr>
<tr>
<td></td>
<td>Co-linear Flex Adapter</td>
</tr>
<tr>
<td></td>
<td>Outer Pipe</td>
</tr>
<tr>
<td></td>
<td>Inner Pipe Adapter</td>
</tr>
<tr>
<td>510-994</td>
<td>Flue Adaptor</td>
</tr>
</tbody>
</table>

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

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

FPI Cabinet and/or FlatWall Mantles may be used in these applications ensuring that clearances to combustibles are maintained.
VENTING ARRANGEMENTS - VERTICAL TERMINATION

with Co-linear Flex System for both
Residential & Manufactured Homes into Masonry Fireplaces

The shaded area in the diagrams show the allowable vertical terminations.
**DURA-VENT HORIZONTAL TERMINATIONS**

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 an available option that must be used in conjunction with the Simpson Dura-Vent Direct Vent system.

3) Put a bead of silicone inside the outer section of the adapter and a bead of Stove Mate on the inner collar. Slip the adapter over the existing inner and outer flue collar and fasten to the outer collar only with the 3 supplied screws (drilling pilot holes will make this easier). Level the fireplace and fasten it to the framing using nails or screws through the nailing strips.

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

**Note:**

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

**Diagram 1**

**Diagram 2**

**Note:** With Dura-Vent, the minimum height is achieved by installing a 90° elbow directly to the flue adaptor.

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

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

**Diagram 3a**

*Diagrams 3 & 4: As specified in CGA B149 Installation Code. Local codes or regulations may require different clearances.*

If the Snorkel Termination must be installed below grade, i.e. basement application, proper drainage must be provided to prevent water from entering the Snorkel Termination. Refer to Diagram 4. Do not attempt to enclose the Snorkel within the wall, or any other type of enclosure.

6) The arrow on the vent cap should be pointing up. Insulate that the 1-1/2" clearances to combustible materials are maintained (Diagram 4). Install the termination cap.

The four wood screws provided should be replaced with appropriate fasteners for stucco, brick, concrete, or other types of sidings.

**Diagram 4**

**Note:** For Snorkel terminations in ABOVE grade installations, follow national or local code requirements.

**Below Grade Installation**

**NOTE:** For Snorkel terminations in ABOVE grade installations, follow national or local code requirements.
**TERMINATIONS**

1) Maintain the 1-1/4" 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 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 his 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. Determine if ceiling joists, roof rafters or other framing will obstruct the venting system. You may wish to relocate the appliance or to offset, as shown in Diagram 2 to avoid cutting load bearing members.

3) A Firestop spacer must be installed in the covered wall, a vinyl siding standoff or furring strips must be used to ensure that the termination is not recessed into the siding.

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 4.

6) Continue to assemble pipe lengths.

**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.

**DURA-VENT VERTICAL**

<table>
<thead>
<tr>
<th>Roof Pitch</th>
<th>Minimum Vent Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>flat to 7/12</td>
<td>2 (0.61)</td>
</tr>
<tr>
<td>over 7/12 to 8/12</td>
<td>2 (0.61)</td>
</tr>
<tr>
<td>over 8/12 to 9/12</td>
<td>2.5 (0.76)</td>
</tr>
<tr>
<td>over 9/12 to 10/12</td>
<td>3.25 (0.99)</td>
</tr>
<tr>
<td>over 10/12 to 11/12</td>
<td>4 (1.22)</td>
</tr>
<tr>
<td>over 11/12 to 12/12</td>
<td>5 (1.52)</td>
</tr>
<tr>
<td>over 12/12 to 14/12</td>
<td>6 (1.83)</td>
</tr>
<tr>
<td>over 14/12 to 16/12</td>
<td>7 (2.13)</td>
</tr>
<tr>
<td>over 16/12 to 18/12</td>
<td>7.5 (2.29)</td>
</tr>
<tr>
<td>over 18/12 to 20/12</td>
<td>8 (2.44)</td>
</tr>
</tbody>
</table>

**Diagram 1:** 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 2:** The Firestop spacer in a flat ceiling or wall, cut a 10 inch square hole. Frame the hole as shown in Diagram 3 and install the firestop.

**Diagram 3:**

**Diagram 4:**

**Diagram 5:**

**Diagram 6:**

**Diagram 7:**
can result from high wind conditions near big
trees or adjoining roof lines, in these cases,
increasing the vent height may solve the
problem.

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

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

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

### Offset Chart

<table>
<thead>
<tr>
<th>GS 6&quot; (152mm) Nominal Diameter ID</th>
</tr>
</thead>
<tbody>
<tr>
<td>Offset</td>
</tr>
<tr>
<td>inches</td>
</tr>
<tr>
<td>4 3/4</td>
</tr>
<tr>
<td>9</td>
</tr>
<tr>
<td>11 1/4</td>
</tr>
<tr>
<td>13 1/4</td>
</tr>
<tr>
<td>21 3/4</td>
</tr>
<tr>
<td>30 1/4</td>
</tr>
<tr>
<td>38</td>
</tr>
</tbody>
</table>

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
slide inside each other and can be adjusted
for 2 x 4 or 2 x 6 walls. **The liners must slip
over the collars a minimum of 1-3/8".**

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

6) Pull the centre 4"(100mm) liner and outer
6-7/8"(175mm) liner out enough to slip over
the flue collars of the fireplace. (You may
wish to cut the liner shorter to make it more
workable.) Do not bend liner more than
90°.

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

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

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

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

---

**DIRECT VENT SYSTEM (FLEX) INSTALLATION PROCEDURES**

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

Note: A 2" clearance at the top and 1 1/2"
clearance around the liner must be
maintained except that only a 1"
(25mm) clearance is needed at the
termination end. We recommend framing a 10"(254mm) x 10"(254mm)
(inside dimensions) hole to give
structural rigidity for mounting the termination.
## INSTALLATION

### GAS LINE INSTALLATION

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

The gas line connection may be made of rigid pipe, copper pipe or an approved flex connector. (If you are using rigid pipe, ensure that the valve can be removed for servicing.) Since some municipalities have additional local codes it is always best to consult with your local authorities and the CAN/CGA B149 installation code.

For USA installations follow local codes and/or the current National Fuel Gas Code, ANSI Z223.1.

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

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

---

### P36-NG4 System Data

<table>
<thead>
<tr>
<th>For 0 to 4500 feet altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Burner Inlet Orifice Sizes:</strong></td>
</tr>
<tr>
<td><strong>Max. Input Rating:</strong></td>
</tr>
<tr>
<td><strong>Min. Input Rating:</strong></td>
</tr>
<tr>
<td><strong>Output Capacity with blower Off:</strong></td>
</tr>
<tr>
<td><strong>Output Capacity with blower On:</strong></td>
</tr>
<tr>
<td><strong>Minimum Output with blower Off:</strong></td>
</tr>
<tr>
<td><strong>Supply Pressure:</strong></td>
</tr>
<tr>
<td><strong>Manifold Pressure (High):</strong></td>
</tr>
<tr>
<td><strong>Electrical:</strong></td>
</tr>
<tr>
<td><strong>Circulation Fan:</strong></td>
</tr>
<tr>
<td><strong>Log Set:</strong></td>
</tr>
<tr>
<td><strong>Vent System:</strong></td>
</tr>
</tbody>
</table>

### P36-LP4 System Data

<table>
<thead>
<tr>
<th>For 0 to 2000 feet altitude</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Burner Inlet Orifice Sizes:</strong></td>
</tr>
<tr>
<td><strong>Max. Input Rating:</strong></td>
</tr>
<tr>
<td><strong>Min. Input Rating:</strong></td>
</tr>
<tr>
<td><strong>Output Capacity with blower Off:</strong></td>
</tr>
<tr>
<td><strong>Output Capacity with blower On:</strong></td>
</tr>
<tr>
<td><strong>Minimum Output with blower Off:</strong></td>
</tr>
<tr>
<td><strong>For 2000 to 4500 feet altitude</strong></td>
</tr>
<tr>
<td><strong>Burner Inlet Orifice Sizes:</strong></td>
</tr>
<tr>
<td><strong>Max. Input Rating:</strong></td>
</tr>
<tr>
<td><strong>Min. Input Rating:</strong></td>
</tr>
<tr>
<td><strong>Output Capacity with blower Off:</strong></td>
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<tr>
<td><strong>Output Capacity with blower On:</strong></td>
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<tr>
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<tr>
<td><strong>Manifold Pressure (High):</strong></td>
</tr>
<tr>
<td><strong>Electrical:</strong></td>
</tr>
<tr>
<td><strong>Circulation Fan:</strong></td>
</tr>
<tr>
<td><strong>Log Set:</strong></td>
</tr>
<tr>
<td><strong>Vent System:</strong></td>
</tr>
</tbody>
</table>

### Note:

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

Vent height may or may not change your efficiency ratings.

---

### HIGH ELEVATION

This unit is approved in Canada for altitude 0 to 4500 ft. (CAN1.2.17-M91) with the orifice supplied.

---

### P36-4 System Data

<table>
<thead>
<tr>
<th>For 0 to 4500 feet altitude</th>
</tr>
</thead>
<tbody>
<tr>
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<td><strong>Max. Input Rating:</strong></td>
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<td><strong>Min. Input Rating:</strong></td>
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<td><strong>Output Capacity with blower Off:</strong></td>
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<tr>
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</tr>
<tr>
<td><strong>Manifold Pressure (High):</strong></td>
</tr>
<tr>
<td><strong>Electrical:</strong></td>
</tr>
<tr>
<td><strong>Circulation Fan:</strong></td>
</tr>
<tr>
<td><strong>Log Set:</strong></td>
</tr>
<tr>
<td><strong>Vent System:</strong></td>
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</tbody>
</table>

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<table>
<thead>
<tr>
<th>P36-LP4 System Data</th>
</tr>
</thead>
<tbody>
<tr>
<td>For 0 to 2000 feet altitude</td>
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<tr>
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<tr>
<td><strong>Log Set:</strong></td>
</tr>
<tr>
<td><strong>Vent System:</strong></td>
</tr>
</tbody>
</table>

---

### Note:

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

Vent height may or may not change your efficiency ratings.

---

### HIGH ELEVATION

This unit is approved in Canada for altitude 0 to 4500 ft. (CAN1.2.17-M91) with the orifice supplied.
PILOT ADJUSTMENT

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

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

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

GAS PIPE PRESSURE TESTING

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

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

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

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

S.I.T. VALVE DESCRIPTION

1) Gas on/off knob
2) Manual high/low adjustment
3) Pilot Adjustment
4) Thermocouple Connection - option
5) Outlet Pressure Tap
6) Inlet Pressure Tap
7) Pilot Outlet
8) Main Gas Outlet
9) Alternative TC Connection Point

[Diagram of valve with labeled parts]
CONVERSION KIT #514-969 FROM NG TO LP
FOR P36-4 USING SIT 820 NOVA GAS VALVE

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

Each Kit contains one LPG Conversion Kit and one DC Sparker Kit.

Conversion Kit Contains:

<table>
<thead>
<tr>
<th>Qty</th>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>904-390</td>
<td>Burner Orifice #52</td>
</tr>
<tr>
<td>1</td>
<td>904-529</td>
<td>5/32” Allen Key</td>
</tr>
<tr>
<td>1</td>
<td>918-590</td>
<td>Decal “Converted to LPG”</td>
</tr>
<tr>
<td>1</td>
<td>908-528</td>
<td>Red “LPG” label</td>
</tr>
<tr>
<td>1</td>
<td>910-037</td>
<td>LPG Injector (Pilot Orifice)</td>
</tr>
<tr>
<td>1</td>
<td>918-481</td>
<td>Instruction Sheet</td>
</tr>
</tbody>
</table>

DC Sparker Kit Contains:

<table>
<thead>
<tr>
<th>Qty</th>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>820-475</td>
<td>Bracket DC Sparker</td>
</tr>
<tr>
<td>1</td>
<td>820-476</td>
<td>Bracket DC Sparker</td>
</tr>
<tr>
<td>1</td>
<td>904-153</td>
<td>Washer #8 External Star</td>
</tr>
<tr>
<td>1</td>
<td>904-330</td>
<td>Nut 8-32 Hex</td>
</tr>
<tr>
<td>2</td>
<td>904-531</td>
<td>Bushing Split Plastic 0.500 in.</td>
</tr>
<tr>
<td>1</td>
<td>904-543</td>
<td>Screw 8-32 x 3/4 Pan Head</td>
</tr>
<tr>
<td>2</td>
<td>904-553</td>
<td>Screw #8 x 1/2 Type “B”, Black Oxide</td>
</tr>
<tr>
<td>1</td>
<td>910-073</td>
<td>Spark Generator Battery Holder</td>
</tr>
<tr>
<td>1</td>
<td>910-074</td>
<td>Spark Generator Switch C/W Wire</td>
</tr>
<tr>
<td>1</td>
<td>910-078</td>
<td>Battery Size AA</td>
</tr>
<tr>
<td>1</td>
<td>910-199</td>
<td>Clip Wire Holder</td>
</tr>
<tr>
<td>1</td>
<td>910-903</td>
<td>Wire Fan To Power Cord Ground 30 in.</td>
</tr>
<tr>
<td>904-781</td>
<td>Velcro Hook, Black</td>
<td></td>
</tr>
<tr>
<td>904-782</td>
<td>Velcro Hook, Black</td>
<td></td>
</tr>
</tbody>
</table>

For P36D-1 / P36-4 Only:

5) Remove the 2 screws holding the Burner Assembly to the firebox base. Push the Burner Assembly to the left and lift out.

6) Pull off the pilot cap to expose the pilot orifice.

For U32-5 Only:

5a) Remove the grate by removing the screws on each side of the grate.

7) Unscrew the pilot orifice with the allen key; then replace with the LPG pilot orifice and the pilot cap, provided in the kit.

5b) Remove the Burner Tray by removing the screws on each side of the tray. Push the tray to the left and lift up.

8) Remove burner orifice with a 1/2” wrench. Use another wrench to hold on to the elbow behind the orifice. Discard orifice.

Installation of LPG Conversion Kit:

1) Shut off the gas supply.

2) Remove the louvers (and bay door if it is installed).

3) Open the flush door and remove the door.

4) Remove the logs and embers (if already installed).

IMPORTANT
Before re-installation of the burner (once the LP conversion is complete), the air deflector must be installed. See step 18a.
9) Reinstall new burner orifice LPG stamped #52 and tighten.

10) Turn control knob to the “OFF” position.

11) Remove the black protection cap by hand from the hi-low knob (Fig. 1).

12) Insert a 5/32” or 4mm Allen wrench into the hexagonal key-way of the screw (Fig. 2), rotate it counter-clockwise until it is free and extract it.

13) Check that the screw is clean and if necessary remove dirt.

14) Flip the screw (Fig. 3).

15) Using the Allen wrench as shown in Fig. 4, rotate the screw clockwise until snug, do not overtighten.

16) Verify that if the conversion is from NG to LPG, the screw must be re-assembled with the red o-ring visible (Fig. 5).

17) Re-assemble the black protection cap (Fig. 6).

18) Reverse steps 6 - 1.

18a) Install the air deflector to the back wall of the firebox using 2 screws.

For U32-5 Only:

19) Attach the label “This unit has been converted to LPG” near or on top of the serial # decal.

20) Replace yellow “NG” label with red “LPG” label.

21) Locate the Piezo Ignitor situated at the side of valve.

22) Remove the Piezo Ignitor by unscrewing the nut at the back of the mounting bracket.

23) Disconnect the ignitor wire from the Piezo Ignitor and connect it to the DC Sparker.

24) Connect the DC spark generator wires to the SIT Valve with the screw, which is provided in the kit.

**WARNING!**

Also check that the pilot and main burner injectors are appropriate for the gas type.

**WARNING!**

Do not over tighten the screw. Recommended to grip the wrench by the short side.
25) Locate the ground lug.

For P36D-1 / P36-4 Only:

25a) By the receptical box, left of the unit.

26) Connect one end of the supplied green ground wire to the lug with the nut and washer from the kit.

27) Run the other end of the ground wire and DC spark generator wires through the bushing on the heat shield.

28) Install the 1/2” bushing to the heat shield.

29) Plug the DC spark generator wires to the DC Sparker.

30) Connect the ground wire to the DC Sparker mounting bracket.

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

32) Mount the heat shield to the DC Sparker. Secure into place with the velcro, which is provided in the kit.

33) Find a location which is not too hot and is easy to reach for changing the battery. Note: It should be kept away from the chain.

34) Tie up the loose wires with the wire clip.

35) Check for gas leaks.

36) Check inlet and outlet pressures.

37) Check operation of flame control.

38) Check for proper flame appearance and glow on logs.

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

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

   Note: The logs must not be in the unit.

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

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

4) Install the 2 brick retaining clips, one on each side.
LOG SET INSTALLATION

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

The gas log kit (Part # 512-930) contains the following:

a) 02-49 Rear Log  
b) 02-55 Middle Left Log  
c) 02-50 Front Left Log  
d) 02-53 Center Left Log  
e) 02-51 Front Bottom Log  
f) 02-54 Center Right Log  
g) 02-52 Middle Right Log  
h) 902-156 Embers  
i) 902-179/21 Vermiculite  
j) 946-669 Platinum Embers (supplied w/packaged manual)

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

2) Sprinkle the vermiculite around the firebox base.

3) Place Log 02-49 on the rear log support pins with the flat side to the back.

4) Place Log 02-51 on the front right side of the burner. Push the back of the log against the 2 brackets with the notch on the bottom right side of the log fitting into the right side of the grate.

The "02" refer numbers (i.e. 02-49) are molded into the rear of each log.

NOTE: If installing the optional Brick Panels, install prior to log installation.
5) Position Log 02-53 across the cutouts in Logs 02-49 and 02-51 with the notch on the left side of the log fitting into the 2nd grate tab.

6) Place the bottom left front edge of Log 02-55 against the rear bracket on the burner tray and rest the log on the cutout on Log 02-53.

7) Sit Log 02-50 on the front left side of the burner. Push the back of the log against the 2 front brackets with the notch on the bottom of the log fitting into the first grate tab.

8) Position Log 02-54 across the cutouts in Logs 02-51 and 02-53. The notch in the bottom right end fitting against the 5th grate tab.
9) Place Log 02-52 between Logs 02-51 and 02-49 and on the indentation on Log 02-54. The bottom right end sits behind the rear grate tab.

10) Place the embers on the front of the burner tray in the places shown on the photo.

Separate platinum embers and place on the front burner on and around the embers. Avoid stacking platinum embers. Platinum embers may be placed over burner ports.

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

12) Install flush glass and bay glass (if used) as per instructions in this manual.
**STANDARD FLUSH DOOR**

The standard flush door comes with a black frame. To install the frame, simply hook the top door flange onto the top of the unit and swing the door towards the unit, see Diagram 1.

Be careful that the glass gasket does not roll up; there must be a gap between the gasket and the door lip to ensure that the door sits securely on the unit, see Diagram 2.

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

To remove the flush door, reverse the above steps.
REMOTE CONTROL (OPTIONAL)

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

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

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

2) Connect the two wires to the gas valve. See diagram below.

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

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

WALL SWITCH (OPTIONAL)

1) Run the wire through the right or left side inlet opening. Be careful not to damage wire.

   **Note:** We recommend a maximum of 15' 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. See the "Alternate Wiring Diagram for Wall Switch" section for wiring diagrams.

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

3) Connect the wire to the wall switch. See the "Alternate Wiring Diagram for Wall Switch" section for wiring diagrams.

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

WALL THERMOSTAT (OPTIONAL)

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

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

FPI 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.

**Thermostat Wire Table**

<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>

To thermopile

To wall switch, remote control or thermostat
WIRING DIAGRAMS

This heater does not require a 120V A.C. supply for operation. In case of a power failure, the burner switch and the optional remote control/thermostat will continue to operate. However, a 120V A.C. power supply is needed for the fan/blower operation.

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

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

For NATURAL GAS Units and Units NOT Equipped with DC Spark Boxes

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

CAUTION: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation.
ALTERNATE WIRING DIAGRAM FOR WALL SWITCH

NOTE: Wiring schematics for P36-3 (120 Volts), plug-in fan circuit with speed control switch on wall.

P36 Electrical Connection Alternative Scheme “A”, Power at Stove

- Wall Junction Box
- Speed Control Switch with lead wires (Regency)
- 14 AWG wire
- Wire Nuts
- “Wire Clamp
- *Receptacle Box inside stove
- *Receptacle (dedicated use by stove fan only)

- 120 Volts 60 Hz
- Copper Ground
- White (Neutral)
- Black (Hot)
- 14 AWG wire

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

P36 Electrical Connection Alternative Scheme “B”, Power at Switch

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

* = supplied with fan kit
Other parts are to be supplied by electrician or installer
For PROPANE Units and Units Equipped with DC Spark Boxes*

*For installation of the DC Spark Box refer to the LP Conversion instructions in this manual.
FAN INSTALLATION (OPTIONAL)

120 Volt AC power is needed for the fan switch and blower. The fan can be hard wired if desired. The receptacle box should be installed on the left hand side of the unit by a qualified electrician. The neutral (wider) slot of the polarized receptacle should be at the top. Unit must be grounded at all times. Do not cut the ground terminal off under any circumstances.

1) Shut the power off.
2) Remove the standard flush door and the optional bay door, if installed. Open the bottom louver door.
3) Loosen the 2 screws holding the Burner ON/OFF switch and bracket to the bottom louver and lift the assembly out.
4) Turn the fan base on its side (with the base facing towards you) and then slide the fan in towards the rear of the unit. Turn the fan upright and slip it over the two mounting studs. Take care not to damage the insulation on the fan base. Ensure that the fan blades do not rub against the valve tubing. Diagram 1.

FAN REMOVAL

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

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

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

OPERATING INSTRUCTIONS

1) Read and understand these instructions before operating this appliance.
2) Check to see that all wiring is correct and enclosed to prevent possible shock.
3) Check to ensure there are no gas leaks.
4) Make sure the glass in the door frame is properly positioned. Never operate the appliance with the glass removed.
5) Verify that the venting and cap are unobstructed.
6) Ensure that the brick panels are installed.
7) Verify log placement. If the pilot cannot be seen when lighting the unit, the logs have been incorrectly positioned.
8) The unit should never be turned off, and on again without a minimum of a 60 second wait.
FPI P36-4 Zero Clearance Direct Vent Gas Fireplace

OPERATING INSTRUCTIONS

LIGHTING PROCEDURE

IMPORTANT
To ignite or reignite the pilot, you must first release the tension springs below the door.

NOTE: For all propane units and units equipped with electric spark boxes, see “Copy of Lighting Plate Instructions” section for more details.

Only when the pilot holds, without pressure being applied to the control knob, reapply the tension springs to the door. The unit must not be operated with the tension springs unattached.

IMPORTANT Gas on/off knob cannot be turned from "PILOT" to "OFF" unless it is partially depressed.

1) Turn burner OFF using "ON/OFF" switch.
2) Turn gas control knob so indicator points to "OFF" position and allow 5 minutes for any gas in the combustion chamber to escape.
3) Turn gas control knob counterclockwise so indicator points to the "PILOT" position. Depress the gas control knob fully. Depress the igniter button several times until the pilot lights. After approximately one minute, release the gas control knob. The pilot flame should continue to burn. If the pilot does not remain lit, repeat operation allowing a longer period before releasing gas control knob.
4) When the pilot stays lit, turn the gas knob further counterclockwise to the "ON" position.
5) Use the wall switch, thermostat or remote control to turn on the unit.
6) Rotate the flame height regulator to adjust the flame height higher or lower.

SHUTDOWN PROCEDURE

1) Use the wall switch, thermostat or remote control to turn off the main burner.
2) Turn the main gas control clockwise to the "OFF" position to turn off the pilot.
3) Turn off all electric power to appliance if service is to be performed.

FIRST FIRE

The first fire in your fireplace is part of the paint curing process. To ensure that the paint is properly cured, it is recommended that you burn your fireplace for at least four (4) hours the first time you use it with the fan on. When first operated, the unit will release an odour caused by the curing of the paint, the burning off of any oils remaining from manufacturing. Smoke detectors in the house may go off at this time. Open a few windows to ventilate the room for a couple of hours.

The glass panel may require cleaning after the unit has cooled down.

DO NOT ATTEMPT TO CLEAN THE GLASS WHILE IT IS HOT.

Note: When the glass is cold and the appliance is lit, it may cause condensation and fog the glass. This condensation is normal and will disappear in a few minutes as the glass heats up.

DO NOT BURN THE APPLIANCE WITHOUT THE GLASS FRONT IN PLACE.

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

AERATION ADJUSTMENT

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

Minimum Air Shutter Opening:

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Natural Gas</th>
<th>Propane</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/16”</td>
<td></td>
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<tr>
<td>1/2”</td>
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CAUTION: Carbon will be produced if air shutter is closed too much.

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

Note: Aeration Adjustment should only be performed by an authorized FPI Installer at the time of installation or service.

NORMAL OPERATING SOUNDS OF GAS APPLIANCES

It is possible that you will hear some sounds from your gas appliance. This is perfectly normal due to the fact that there are various gauges and types of steel used within your appliance. Listed below are some examples. All are normal operating sounds and should not be considered as defects in your appliance.

Blower:
FPI gas appliances use high tech blowers to push heated air farther into the room. It is not unusual for the fan to make a “whirring” sound when ON. This sound will increase or decrease in volume depending on the speed setting of your fan speed control.

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

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

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

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

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

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. (Australia: AS661, New Zealand: NZS 5261).

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

A) This appliance has a pilot which must be lighted by hand. When lighting the pilot, follow these instructions exactly.

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

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

C) Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not turn, do not try to repair it, call a qualified service technician. Force or attempted repair may result in a fire or explosion.

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

E) This appliance needs fresh air for safe operation and must be installed so there are provisions for adequate combustion and ventilation air.

CAUTION: Hot while in operation. Do not touch. 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

STOP! Read the safety information above on this label.

FOR UNITS NOT EQUIPPED WITH ELECTRIC SPARK BOXES:
1) Push in gas control knob slightly and turn clockwise to “PILOT”. Knob cannot be turned from “PILOT” to “OFF” unless knob is pushed in slightly. Do not force.

PILOT BURNER VEILLEUSE THERMOPLEGL GLÈNE À CALORIFÈRE ÉLÉMENT THERMO-ÉLECTRIQUE

2) Wait five (5) minutes to clear out any gas. If you then smell gas STOP! Follow step “B” in the Safety Information above on this label. If you don’t smell gas, go to the next step.

3) Turn knob on gas control counterclockwise to “OFF”.

4) Push in control knob all the way and hold in. Continually push and release the black button on spark igniter until pilot lights. Continue to hold the control knob in for about 1/2 minute after the pilot is lit. Release knob and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 1) to 4).

5) Knob does not pop up when released, stop and immediately call your service technician or gas supplier. If the pilot will not stay lit after several tries, turn the gas control knob to “OFF” and call your service technician or gas supplier.

6) Use rocker switch to operate main burner.

FOR ALL PROPANE UNITS AND UNITS EQUIPPED WITH ELECTRIC SPARK BOXES:
1) Push in gas control knob slightly and turn to “PILOT” position.

2) Push in gas control knob all the way and hold in until the pilot lights up. Continue to hold the control knob in for about 20 seconds after the pilot is lit. Release knob.

3) Push in gas control knob slightly and turn to “ON” position.

4) Turn ON the flame switch.

TO TURN OFF GAS APPLIANCE

1) Turn off the flame switch.

2) Push in the gas control knob slightly and turn clockwise to “OFF”. Do not force.

3) Turn off all electric power to the appliance if service is to be performed.

You may shut off the pilot during prolonged non use periods to conserve fuel.

MAINTENANCE INSTRUCTIONS

1) Always turn off the gas valve before cleaning. For relighting, refer to lighting instructions. Keep the burner and control compartment clean by brushing and vacuuming at least once a year. When cleaning the logs, use a soft clean paint brush as the logs are fragile and easily damaged.

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

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

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

5) The appliance and venting system must be inspected before use, and at least annually, by a qualified field service person, to ensure that the flow of combustion and ventilation air is not obstructed.

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

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

7) Verify operation after servicing.

GENERAL VENT MAINTENANCE

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

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

2) Remove the Cap, and shine a flashlight down the Vent. Remove any bird nests, or other foreign material.
3) Check for evidences of excessive condensation, such as water droplets forming in the inner liner, and subsequently dripping out the joints. Continuous condensation can cause corrosion of caps, pipe, and fittings. It may be caused by having excessive lateral runs, too many elbows, and exterior portions of the system being exposed to cold weather.

4) Inspect joints, to verify that no pipe sections or fittings have been disturbed, and consequently loosened. Also check mechanical supports such as Wall Straps, or plumbers’ tape for rigidity.

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**GLASS GASKET**

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

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**DOOR GLASS**

Your FPI fireplace is supplied with high temperature, 5 mm Neoceram ceramic glass that will withstand the highest heat that your unit will produce. If your glass requires cleaning, we recommend using an approved glass cleaner available at all authorized dealers. Do not use abrasive materials. Do not clean the glass when hot.

In the event that you break your glass by impact, purchase your replacement from an authorized FPI dealer only, and follow our step-by-step instructions for replacement.

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

**CAUTION:** Wear gloves when removing damaged or broken glass.

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**FLUSH GLASS REPLACEMENT**

Remove the flush door front, see the “Standard Flush Door” section. Remove the 4 glass clips from each corner. Slide in the new replacement glass. Push the 4 glass clips back onto the frame. The glass must have gasketing around it.

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**THERMOPILE/ THERMOCOUPLE**

1) Open the bottom louvers.

2) Loosen the thermocouple or thermopile with a 7/16” wrench.

3) Disconnect thermocouple by loosening nut from the valve with a 9mm wrench. Disconnect thermopile by loosening 2 screws marked TP on the valve.

4) Drop the thermocouple or thermopile down from the bracket and pull it out of the unit.

5) Reinstall the new ones in reverse order.

---

**LOG REPLACEMENT**

The unit should never be used with broken logs. Turn off the gas valve and allow the unit to cool before opening door and carefully remove the logs. (The pilot light generates enough heat to burn someone.) If for any reason a log should need replacement, you must use the proper replacement log. The position of these logs must be as shown in the diagrams under Log Installation.

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

1) Shut off the gas supply.
2) Remove the louvers (and bay door if it is on).
3) Open the flush door and remove the door.
4) Remove the logs.
5) Remove the burner/grate assembly by removing the two Phillips head screws and then lift the burner assembly out.

6) Remove the rear log stand by removing the 2 screws.

7) Disconnect the inlet gas line. See Diagram 2.
8) Disconnect the 2 TP wires and the 2 TH wires from the valve.
9) Remove the 10 Phillips head screws securing the valve tray assembly in place (Diagram 2) and then lift the entire assembly out (Diagram 3).
10) Undo the pilot tube from the valve with a 7/16" wrench.
11) Undo the quick drop out thermocouple nut on the valve with a 9mm (metric) wrench.
12) Remove the Piezo igniter wire and push button assembly.
13) Undo the "gas out" flare nut with a 13/16" wrench.
14) Undo the "gas out" flare fitting with an 11/16" wrench.
15) Remove the 4 Phillips head screws from the sides of the valve bracket and remove valve.

**INSTALLING VALVE**

1) Attach the valve to the valve bracket with the 4 (m5x8 metric) screws provided.
2) Reconnect the "gas out" flare fitting with an 11/16" wrench.
3) Reconnect the "gas out" flare nut with a 13/16" wrench.
4) Install piezo ignitor push button assembly and reconnect wire.
5) Reconnect the quick drop out thermocouple nut with a 9mm wrench.
6) Reconnect the pilot tube nut with a 7/16" wrench.
7) Scrape off the old gasket from the floor of the firebox and from the valve tray assembly.
8) Install a new gasket and reinstall the valve tray assembly.

**Note:** Failure to install a new gasket may severely affect the appliance performance.

9) Reinstall the 10 hold down screws.
10) Hook up the 2 TP and 2 TH wires to the appropriate connections on the valve.
11) Reinstall the front log stand.
12) Install Burner/grate assembly
13) Hook up the gas line and check for gas leaks with a soap and water solution or a gas leak detector. (Do not use open flame for leak testing.)
14) Fire up the unit temporarily
15) Check the manifold pressure.
16) Reinstall the logs and brick panels as needed.
17) Close the door and replace the louvers.
18) Fire up the unit again and check for proper flame appearance and glow on logs.

**Hint:** If you are using black pipe, ensure that there is a union by the valve, otherwise removal will be almost impossible.
**FLUSH LOUVERS**

1) Install the top louver by sliding the two bracket clips into the brackets located underneath the top of the firebox.

2) The bottom louver has a hinge that is attached (2 screws per hinge) to the lip on bottom of the unit.

3) Open the bottom louver. Pull the Burner ON/OFF control box from inside the bottom of the fireplace and position the slots in the bracket over the 2 screws on the left side of the bottom louver. Push down to lock into place. Tighten the screws.

---

*Note: Top and bottom louvers are different.*
NOTE: Remove both the Flush Louvers or Bay Louvers and the Flush Front or Bay Front prior to installing the Finishing Trim.

1) Install the Finishing Trim sides as shown in the diagram, line up the holes in the side trim with the holes in the firebox side.

2) Secure with 2 screws per side.

3) Loosen the 3 screws in the top inside edge of the firebox.

4) Slide the Finishing Trim Top over the Side Trim pieces and fit the bottom bracket slots over the screws. Tighten the 3 screws to secure.

5) Loosen the 2 screws on the hinge bracket on both the left and right side of the louver.

6) Hook the bottom finishing trim to the side trims and snap in.

7) Tighten the 2 screws on the left and right hinge bracket to secure.
### MAIN ASSEMBLY

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<thead>
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<th>Part #</th>
<th>Description</th>
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<th>Description</th>
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<th>Description</th>
</tr>
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<td>31)</td>
<td>* Flue Mounting Plate</td>
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<td>Fan Switch Assembly (120 Volts) (Optional)</td>
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<td>U-clip at louver</td>
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*Not available as a replacement part.*
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<td>Valve Assy - Propane</td>
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*Not available as a replacement part.
## REGENCY® FLUSH FRONT ACCESSORIES

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<th>Description</th>
<th>Part #</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>132 )</td>
<td>512-518 Flush Door Assembly</td>
<td>157 )</td>
<td>* Finishing Trim Left</td>
</tr>
<tr>
<td></td>
<td>510-920 Flush Louvers - Gold/Black</td>
<td>158 )</td>
<td>* Finishing Trim Top</td>
</tr>
<tr>
<td></td>
<td>510-922 Flush Louvers - Black</td>
<td>159 )</td>
<td>* Finishing Trim Right</td>
</tr>
<tr>
<td>133</td>
<td>* Flush Louver Assy-Top</td>
<td>161 )</td>
<td>948-216 Regency® Logo Plate</td>
</tr>
<tr>
<td>134</td>
<td>* Flush Louver Assy-Bottom</td>
<td></td>
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<tr>
<td>135</td>
<td>940-090/P Glass (Flush)</td>
<td>135 )</td>
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</tr>
<tr>
<td>136</td>
<td>936-155 Glass Gasket (Tadpole)</td>
<td>904-691</td>
<td>U-Clip</td>
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<td></td>
<td>904-691 U-Clip</td>
<td>904-691</td>
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</tbody>
</table>

*Not available as a replacement part.
WARRANTY

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

The Warranty: Limited Lifetime

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

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

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

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

Electrical and mechanical components such as blowers, switches, wiring, thermodiscs, FPI remote controls, spill switches, thermopiles, thermocouples, pilot assembly 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.

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

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

Repair/replacement parts purchased by the consumer from FPI after the original coverage has expired on the unit will carry a 90 day warranty, valid with a receipt 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 FPI'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 neither 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 FPI to charge for larger, higher priced replacement parts and issue credit once the replaced component has been returned to FPI and evaluated for manufacturer defect.

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

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

All claims must be submitted to FPI by authorized selling dealers. It is essential that all submitted claims provide all of the necessary information including 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 FPI be liable for any consequential damages which exceed the purchase price of the unit. FPI has no obligation to enhance or modify any unit once manufactured. FPI has no obligation to enhance or modify any unit once manufactured. ie. as products evolve, field modifications or upgrades will not be performed.

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

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

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

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

The warranty will not extend to any part which has been tampered with or altered in any way, or in our judgment has been subject to misuse, improper installation, 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.

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

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

Products made or provided by other manufacturers and used in conjunction with the operation of this appliance without prior authorization from FPI, 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 FPI.

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

Reasons to register your product online today!

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

Installer: Please complete the following information

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

Register online at
http://regency-fire.com/
Customer-Care.aspx

See website for sweepstakes rules.

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