



P36E Zero Clearance Direct Vent Gas Fireplace

MODELS: P36E-NG4 Natural Gas P36E-LP4 Propane

Owners & Installation Manual



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.

Tested by:



Intertek

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

Homeowner: Please keep these instructions for future reference.

To the New Owner:

Congratulations!

You are the owner of a state-of-the-art Gas Fireplace by FPI FIREPLACE PRODUCTS INTERNATIONAL LTD. The P36E has been designed to provide you with all the warmth and charm of a wood fireplace at the flick of a switch. The model P36E 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.



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 Z21.88-2009/CSA 2.33-2009.

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.

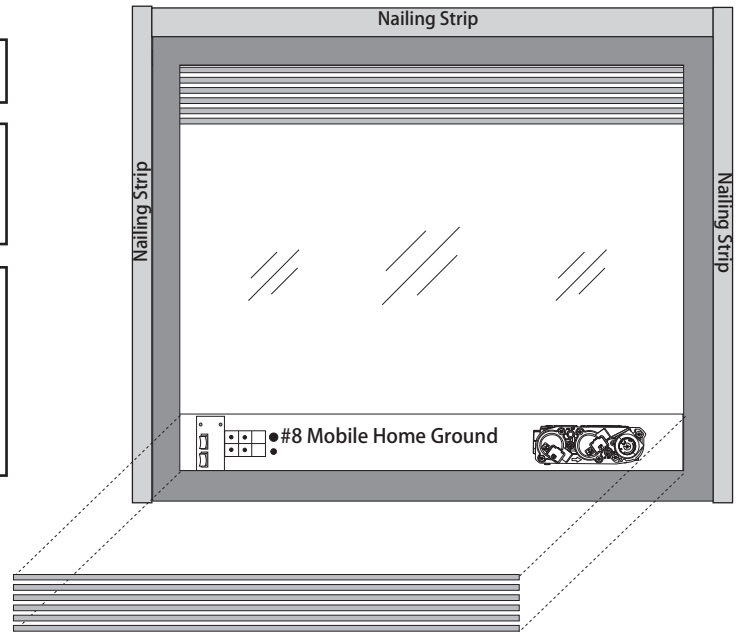


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NOTE: All installation instructions apply to
Regency® & Hampton® Series unless otherwise specified.

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

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

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

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

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

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

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

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

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

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

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

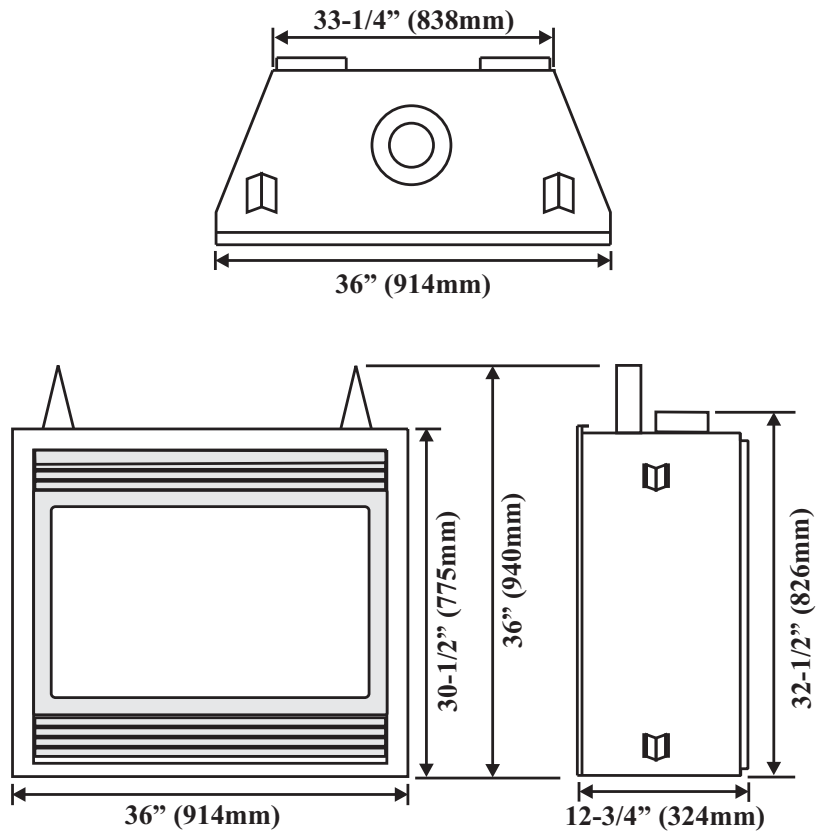
1. The referenced "special venting system" instructions shall be included with the appliance or equipment installation instructions; and

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

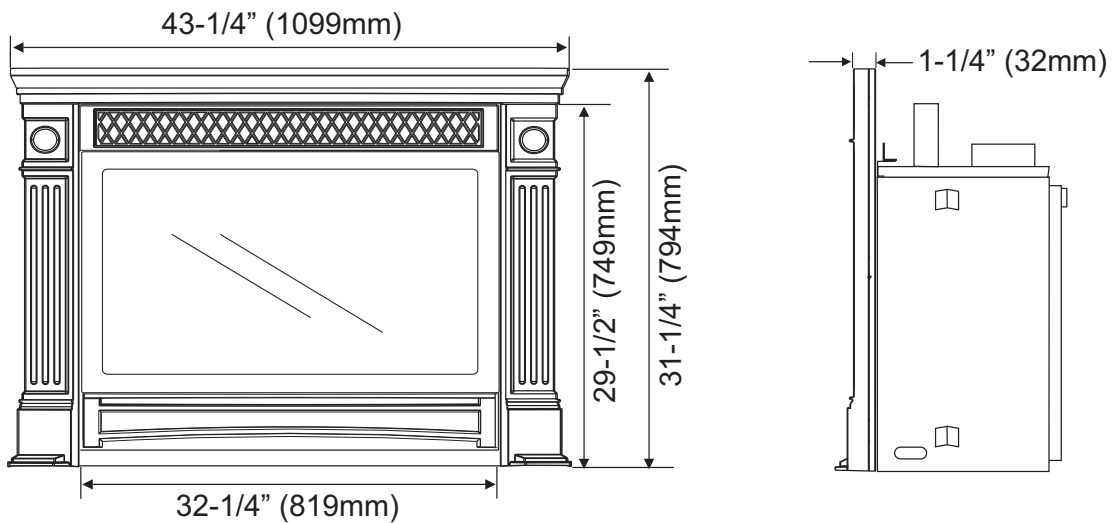
(e) A copy of all installation instructions for all Product Approved side wall horizontally vented gas fueled equipment, all venting instructions, all parts lists for venting instructions, and/or all venting design instructions shall remain with the appliance or equipment at the completion of the installation.

DIMENSIONS

UNIT DIMENSIONS



HAMPTON FACEPLATE DIMENSIONS



IMPORTANT MESSAGE SAVE THESE INSTRUCTIONS

The P36E-NG or P36E-LP Direct Vent Fireplace must be installed in accordance with these instructions. Carefully read all the instructions in this manual first. Consult the "authority having jurisdiction" to determine the need for a permit prior to starting the installation. It is the responsibility of the installer to ensure this fireplace is installed in compliance with manufacturer's instructions and all applicable codes.

BEFORE YOU START

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

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

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

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

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

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

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

GENERAL SAFETY INFORMATION

- 1) The appliance installation must conform with local codes or, in the absence of local codes, with the current Canadian or National Gas Codes, CAN1-B149 or ANSI Z223.1 Installation Codes.
- 2) The appliance when installed, must be electrically grounded in accordance with local codes, or in the absence of local codes with the current National Electrical Code, ANSI/NFPA 70 or CSA C22.1 Canadian Electrical Code.
- 3) See general construction and assembly instructions. The appliance and vent should be enclosed.
- 4) This appliance must be connected to the specified vent and termination cap to the outside of the building envelope. Never vent to another room or inside a building. Make sure that the vent is fitted as per Venting instructions.
- 5) Inspect the venting system annually for blockage and any signs of deterioration.
- 6) Venting terminals shall not be recessed into a wall or siding.
- 7) Any safety glass removed for servicing must be replaced prior to operating the appliance.
- 8) To prevent injury, do not allow anyone who is unfamiliar with the operation to use the fireplace.
- 9) Wear gloves and safety glasses for protection while doing required maintenance.
- 10) Be aware of electrical wiring locations in walls and ceilings when cutting holes for termination.
- 11) Under no circumstances should this appliance be modified. Parts that have to be removed for servicing should be replaced prior to operating this appliance.

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

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

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

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

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

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 from NG to LP" section).

INSTALLATION

5) Install standard and optional features. Refer to the following sections where applicable:

- a. Install 4 AA batteries into battery pack or optional AC Power Adaptor
- b. Optional Brick Panels
- c. Log Set Installation
- d. Standard Flush Door
- e. Regency Flush or Bay Fronts
- f. Hampton Cast Faceplate
- g. Remote Control
- h. Wall Switch
- i. Wall Thermostat
- j. Fan Installation

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 29,500 NG / 28,500 LP 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 P36E 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.

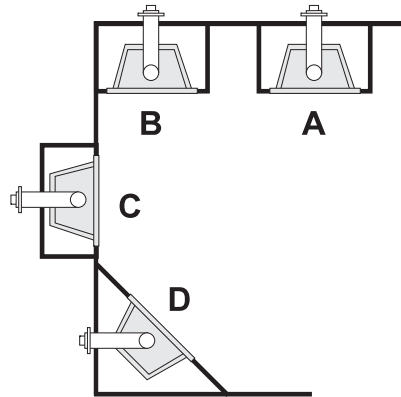


Diagram 1

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

- 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 P36E 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.

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.



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.

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.

IMPORTANT: See the "Regency Tripoli Screen Door Series Framing Note" section for framing note on Tripoli Screen Door.

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)
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Side Wall Clearances:

Bay or Flush Front	6"*	(152mm)
Cast Faceplate	6"*	(152mm)
Kensington Front	6"*	(152mm)
Balmoral	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)
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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.

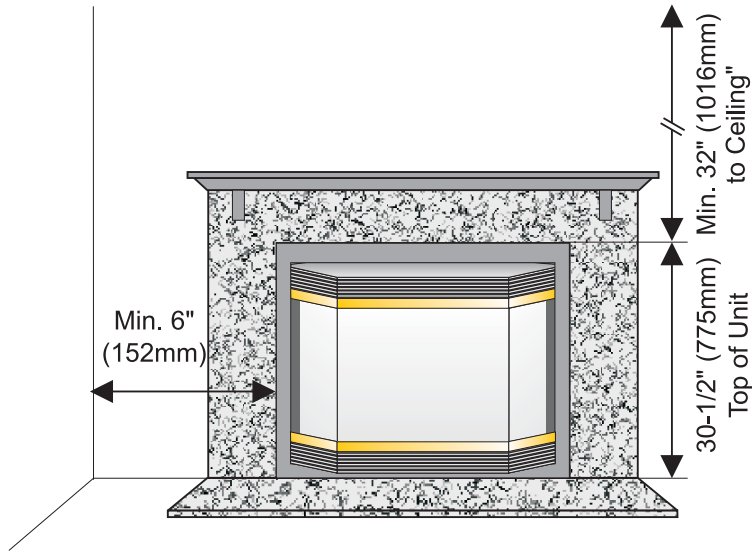
Heat Release Kit

Barcelona & Double Screen Door Installations

To install the combination of the Barcelona front and screen doors you must use **non-combustible mantel** in conjunction with the already **required framing specs for the Barcelona front**. Steel studs and non-combustible material on the facing must be adhered to.

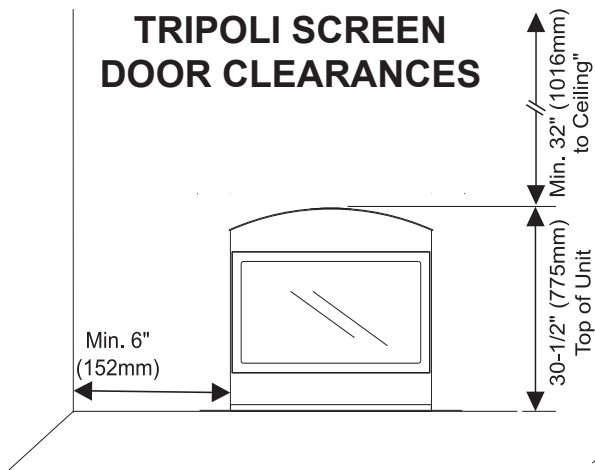
INSTALLATION

REGENCY® CLEARANCES

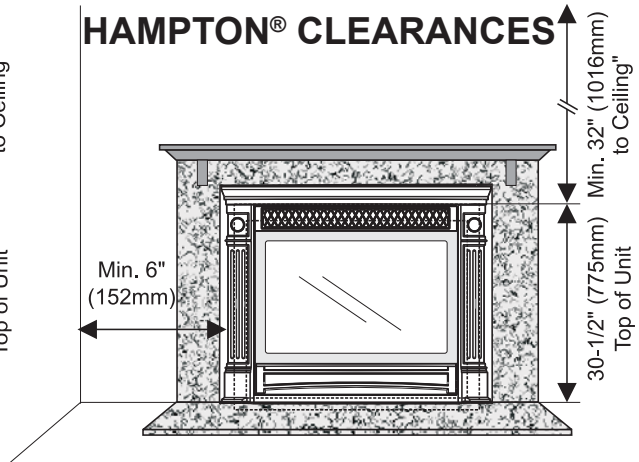


Clearances for Bay Front, Flush Front
& Full Screen Doors

TRIPOLI SCREEN DOOR CLEARANCES



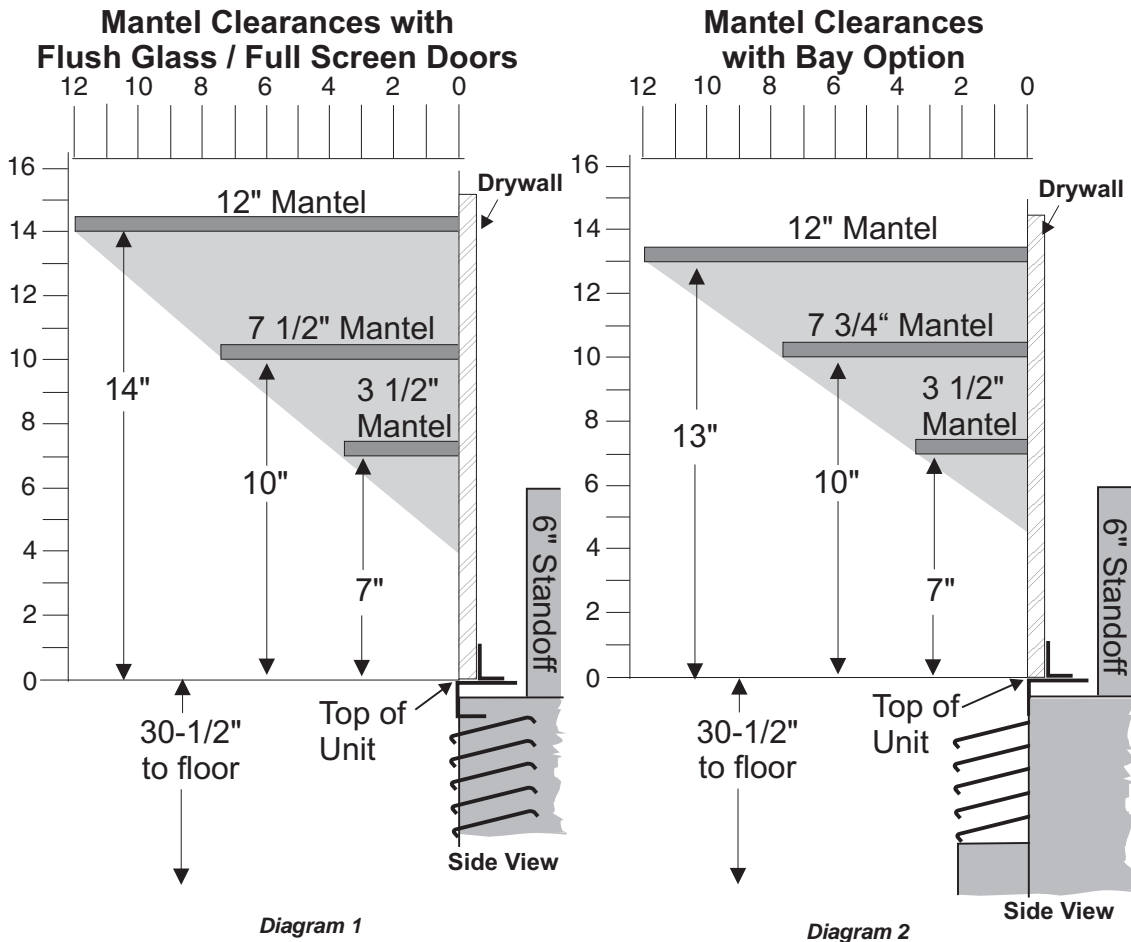
HAMPTON® CLEARANCES



REGENCY® SERIES COMBUSTIBLE MANTEL CLEARANCES

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.

Because of the extreme heat this fireplace emits, the mantel clearances are critical. Combustible mantel clearances from top of unit are shown in Diagrams 1 & 2.



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.

INSTALLATION

TRIPOLI SCREEN DOOR COMBUSTIBLE MANTEL CLEARANCES

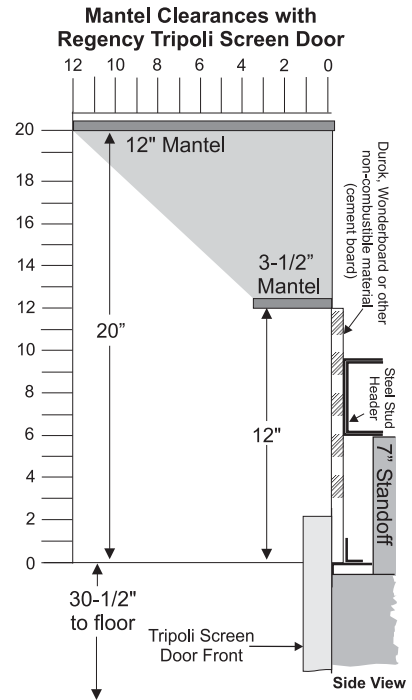
Because of the extreme heat this fireplace emits, the mantel clearances are critical.

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.



HAMPTON® COMBUSTIBLE MANTEL CLEARANCES

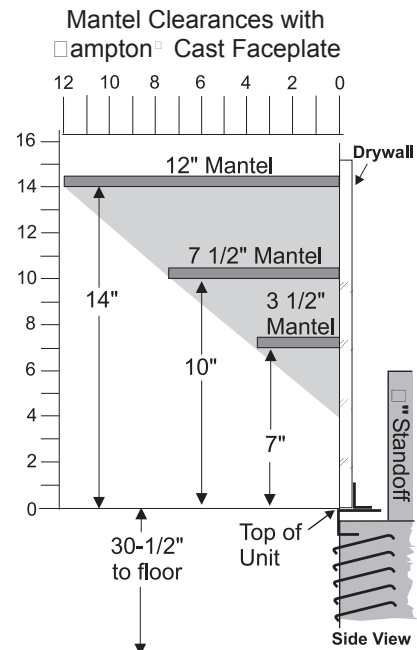
Because of the extreme heat this fireplace emits, the mantel clearances are critical.

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.

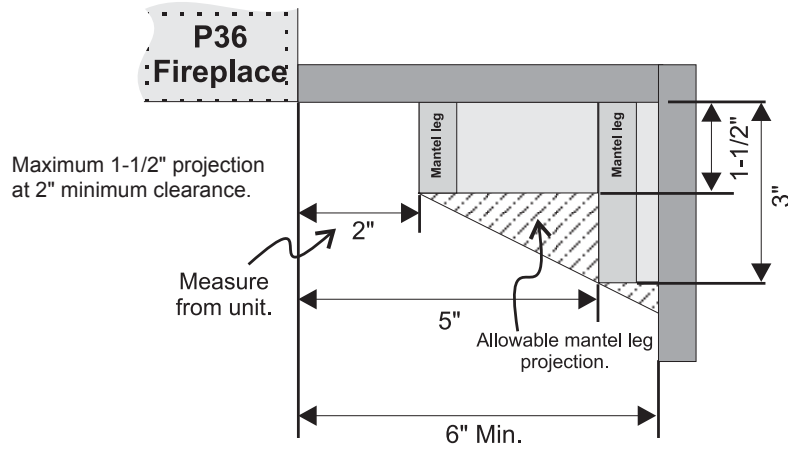
These drawings are to scale at 1:6 (one inch = 6 inches)
Mantel can be installed anywhere in shaded area or higher using the above scale.

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



REGENCY® MANTEL LEG CLEARANCES

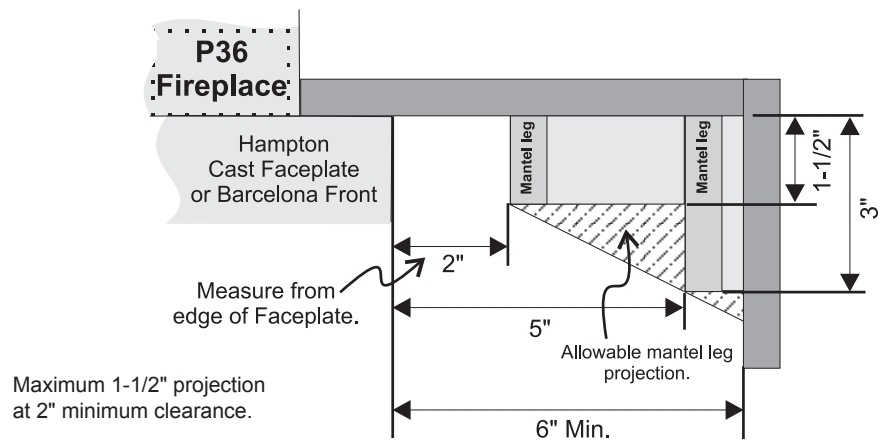
Combustible mantel leg clearances as per diagram:



HAMPTON® MANTEL LEG CLEARANCES

Combustible mantel leg clearances as per diagram:

Hampton Cast Faceplate Width: 43-1/4"

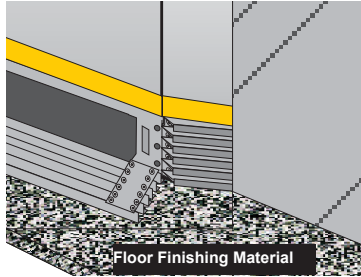


INSTALLATION

FRAMING AND FINISHING

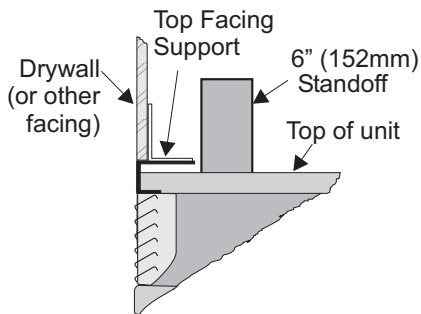
IMPORTANT FINISHING DETAIL NOTE:

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.

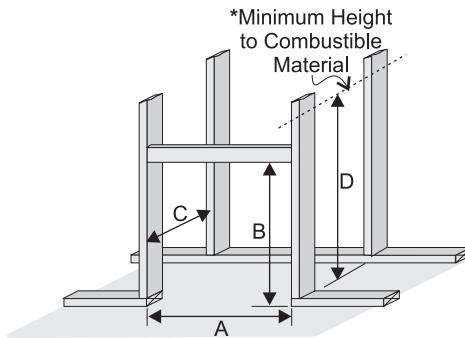
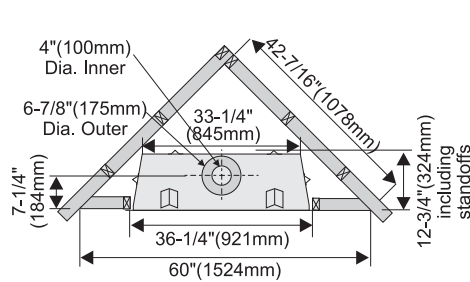
- 1) Determine the total thickness of facing material (e.g. drywall plus ceramic tiles) to allow the finished surface to be flush with the front of the unit. Total facing thickness can vary from 1/2" (13mm) to 1-1/4" (32mm) thick.



Install Side Nailing Strips, Top Facing Support, and Top Standoffs before unit is slipped into position. See the "Unit Assembly Prior to Installation" section for assembly details.

- 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).

Note: Header must be installed vertically. If Header is installed horizontally, it must be steel.



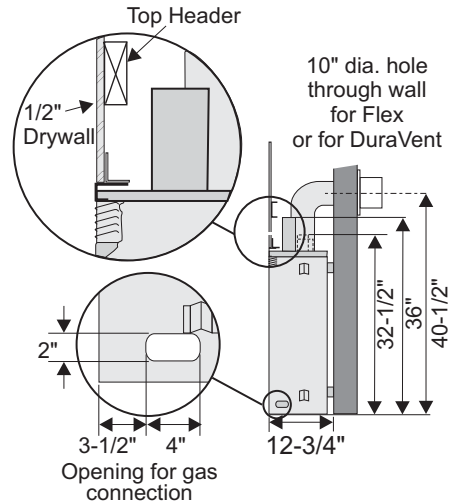
NOTE: See next page for important Barcelona Series framing note.

Framing Dimensions			
A	B	C	D
36-1/4"	36-1/4"	12-3/4"	46"*
921mm	921mm	324mm	1168mm*

* 'D' is Minimum height to combustible materials including the Minimum 2" (51mm) Top clearance to the Horizontal Vent.

- 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.



Note: 40-1/2" (1029mm) is the minimum height for both flex termination or rigid pipe venting.

Note: The unit does not have to be completely enclosed in a chase. The clearance on top of the unit is 0" to the standoffs so combustible building materials can be laid directly on top of the standoffs. You must maintain 1-1/2" (38mm) clearance from the vent to combustible materials for flex (1-1/4" for Rigid Pipe).

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

REGENCY® TRIPOLI SCREEN DOOR SERIES FRAMING NOTE

When installing the optional Tripoli Screen Door Series, a non-combustible material 12" (305mm) above the unit and 6" (153mm) on each side must be used (see Diagram 2). **For complete framing details see page 57.**

The Tripoli Screen Door Series also requires steel stud framing above and on each side of the unit (refer to Diagram 1).

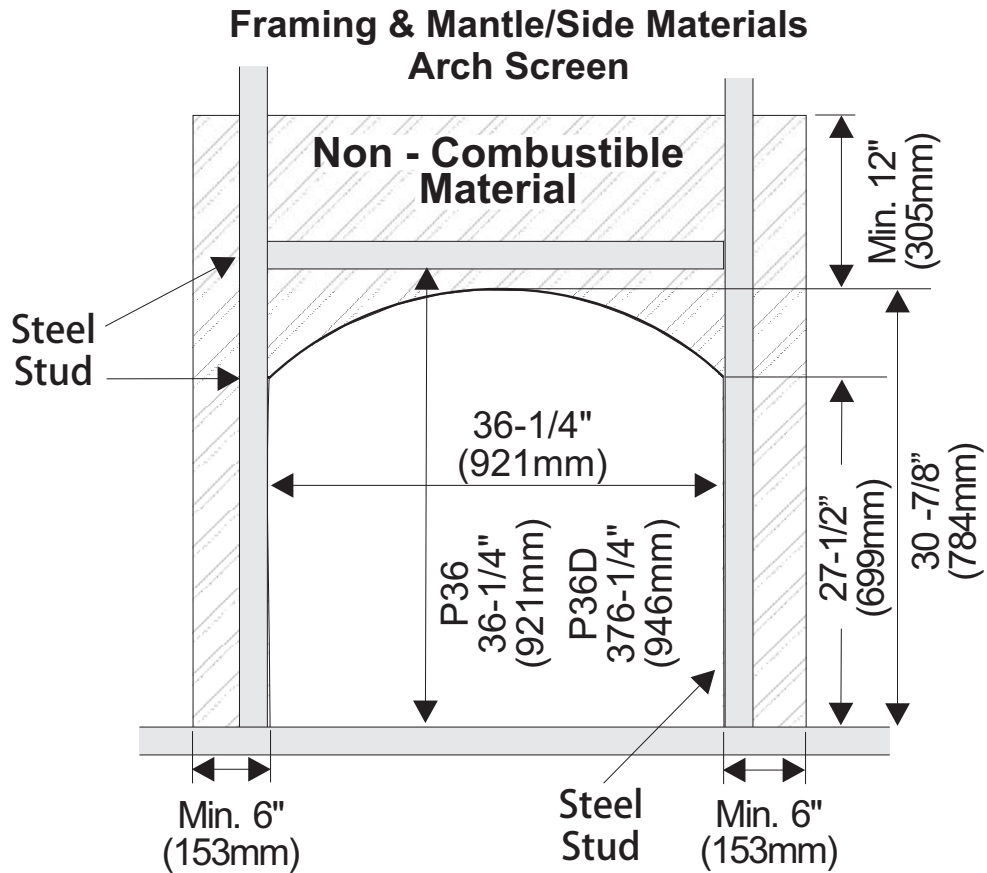


Diagram 1

INSTALLATION

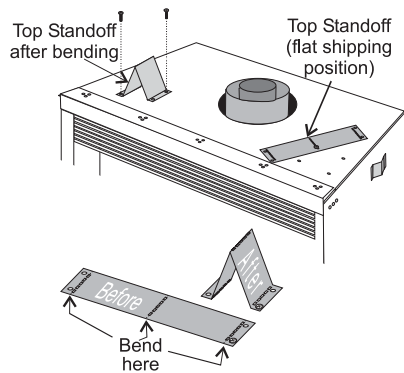
UNIT ASSEMBLY PRIOR TO INSTALLATION

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

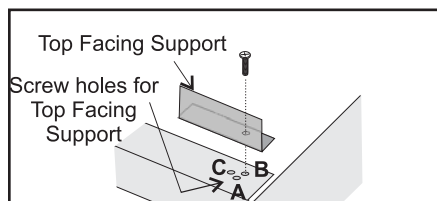
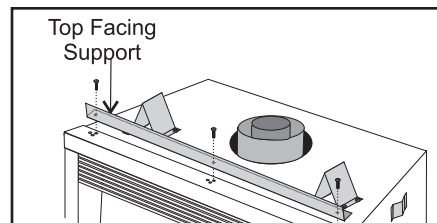
Determine the total thickness of facing material (e.g. drywall plus ceramic tiles) to allow the finished surface to be flush with the front of the unit. Total facing thickness can vary from 1/2" (13mm) to 1-1/4" (32mm) thick.

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

Screw Position	Facing Material Depth
A	1/2" / 13mm
B	7/8" / 22mm
C*	1-1/4" / 32mm

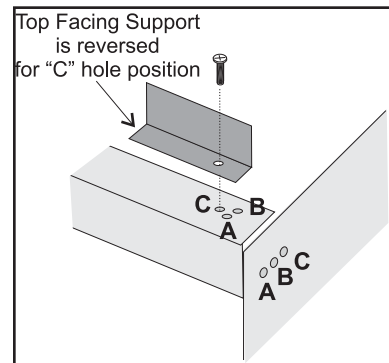
* For "C" screw position the top facing support is reversed.

- 1) Mount Top Facing Support using the 3 supplied screws into the three pre-punched screw holes on the top front of the unit. Use hole positions A, B, or C depending on your facing depth.

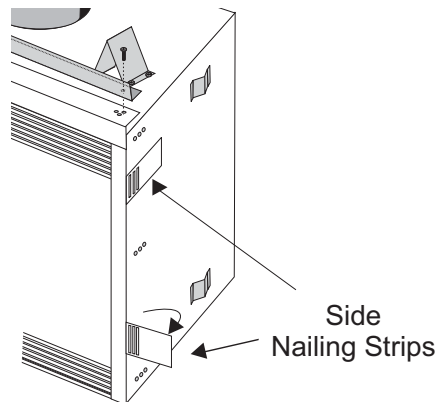


"C" Screw Position:

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



- 2) Fold out the two nailing strips on each side.



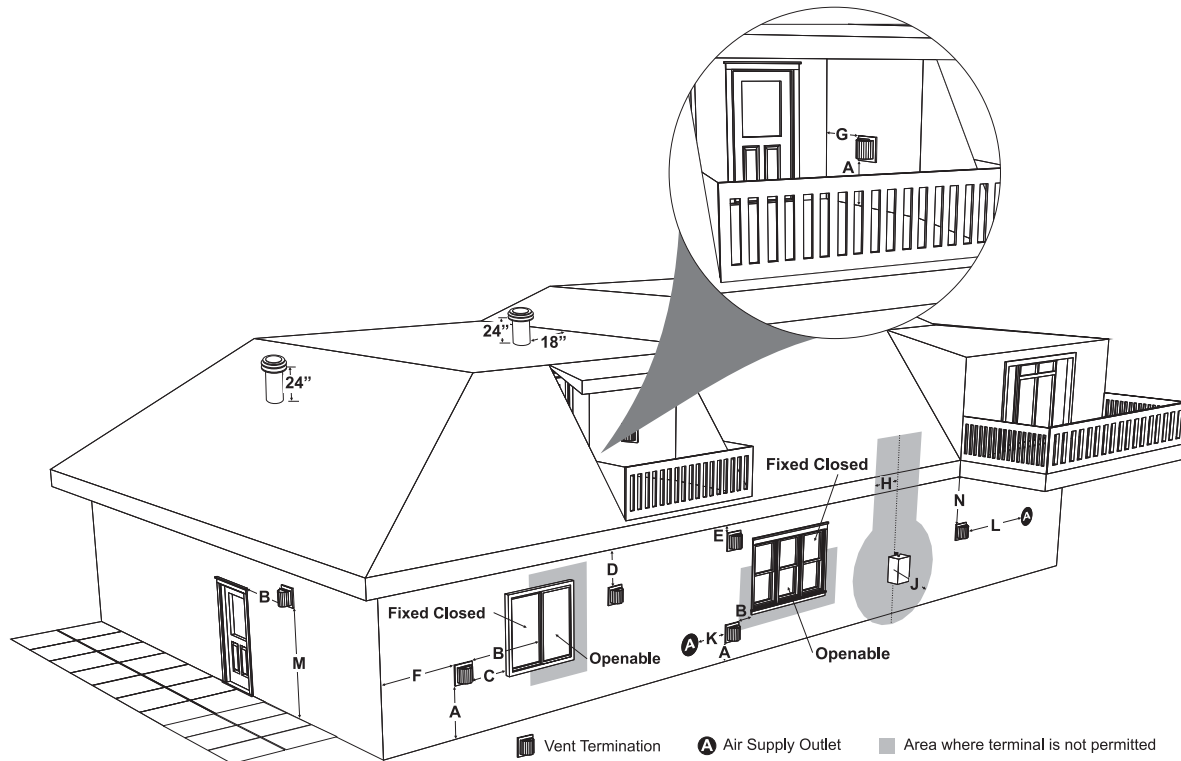
VENTING INTRODUCTION

The P36E 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



Minimum Clearance Requirements		Canada ¹	USA ²
A	Clearance above grade, veranda, porch, deck, or balcony	12"(30cm)	12"(30cm)
B	Clearance to window or door that may be opened	12"(30cm)	9" (23cm)
C	Clearance to permanently closed window	*	*
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)	18"(46cm)	18"(46cm)
E	Clearance to unventilated soffit	15"(38cm)	15"(38cm)
F	Clearance to outside corner: with AstroCap Termination Cap.	6"(15cm)	6"(15cm)
	Clearance to outside corner: with all other approved Termination Caps.	14"(36cm)	14"(36cm)
G	Clearance to inside corner: with AstroCap Termination Cap	6"(15cm)	6"(15cm)
	Clearance to inside corner: with all other approved Termination Caps.	12"(30cm)	12"(30cm)
H	Clearance to each side of center line extended above meter/regulator assembly	36"(90cm) ^a	*
J	Clearance to service regulator vent outlet	36"(90cm)	*
K	Clearance to non-mechanical air supply inlet to building or the combustion air inlet to any other appliance	12"(30cm)	9" (23cm)
L	Clearance to a mechanical air supply inlet #3' (91cm) above if within 10' (3m) horizontally.	72"(1.8m)	36"(90cm) ^b
M	Clearance above paved sidewalk or a paved driveway located on public property	84"(2.1m) [†]	*
N	Clearance under veranda, porch, deck, or balcony	12"(30cm) [‡]	*

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*

[†] 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

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

^b 3 feet (91cm) above - if within 10 feet (3m) horizontally

INSTALLATION

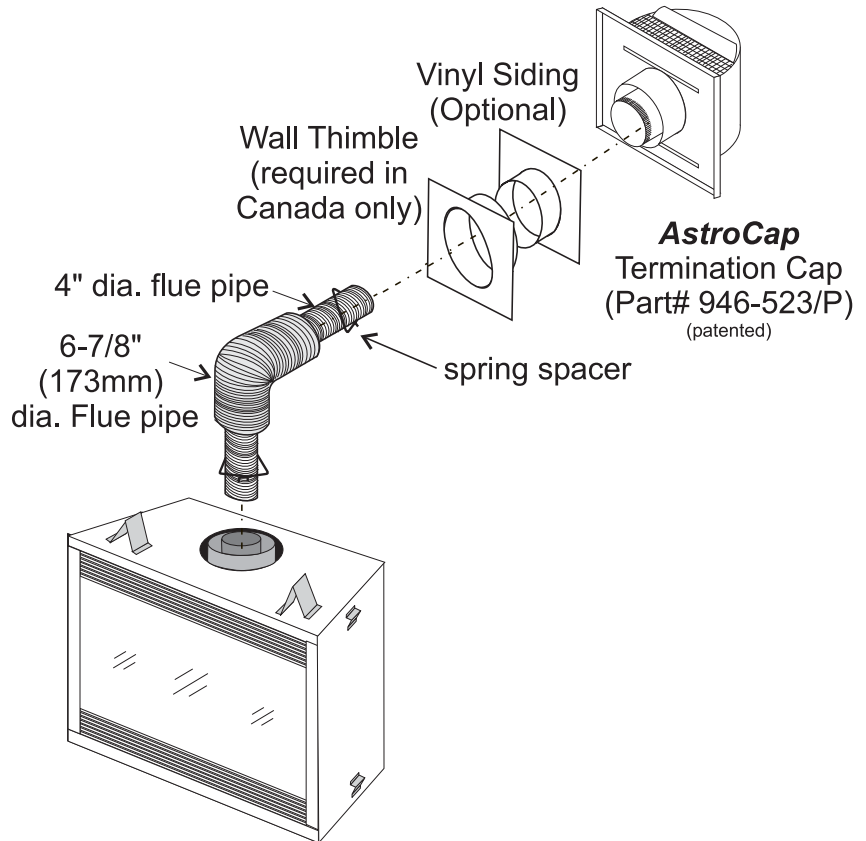
VENTING

DIRECT VENT SYSTEM (FLEX) HORIZONTAL TERMINATIONS ONLY

These venting systems, in combination with the P36E 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 P36E with a maximum run of 4 feet.

1)	6-7/8" dia. flexible liner (4 ft. length)
2)	4" dia. flexible liner (4 ft. length)
3)	spring spacers (4)
4)	thimble (2)
5)	AstroCap termination cap (1)
6)	screws (12)
7)	tube of Mill Pac (1)
8)	plated screws (8)
9)	screws #8 x 1-1/2" Drill Point, Stainless Steel (4)



If longer runs are needed, the FPI Direct Vent system (Flex) # 946-516 includes all the parts needed to install the P36E with a maximum 10' run.

1)	6-7/8" dia. flexible liner (10 ft. length)
2)	4" dia. flexible liner (10 ft. length)
3)	spring spacers (7)
4)	thimble (2)
5)	AstroCap termination cap (1)
6)	screws (12)
7)	tube of Mill Pac (1)
8)	plated screws (8)
9)	screws #8 x 1-1/2" Drill Point, Stainless Steel (4)

Notes:

- 1) Liner sections should be continuous without any joints or seams.
- 2) Only Flex pipe purchased from FPI may be used for Flex installations.

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.

Description	Simpson Direct Vent Pro®	Selkirk Direct Temp™	American Metal Products® Amerivent Direct	Metal-Fab™ Sure Seal	Security Secure-Vent®	ICC Excel Direct
6" Pipe Length-Galvanized	46DVA-06	4DT-6	N/A	4D6	SV4L6	TC-4DL6
6" Pipe Length-Black	46DVA-06B	4DT-6B	N/A	4D6B	SV4LB6	TC-4DL6B
7" Pipe Length-Galvanized	N/A	N/A	4D7	N/A	N/A	N/A
7" Pipe Length-Black	N/A	N/A	4D7B	N/A	N/A	N/A
9" Pipe Length-Galvanized	46DVA-09	4DT-9	N/A	N/A	N/A	N/A
9" Pipe Length-Black	46DVA-09B	4DT-9B	N/A	N/A	N/A	N/A
12" Pipe Length-Galvanized	46DVA-12	4DT-12	4D12	4D12	SV4L12	TC-4DL1
12" Pipe Length-Black	46DVA-12B	4DT-12B	4D12B	4D12B	SV4LB12	TC-4DL1B
18" Pipe Length-Galvanized	46DVA-18	4DT-18	4D18	4D18	SV4LA	TC-4DL18
18" Pipe Length-Black	46DVA-18B	4DT-18B	4D18B	4D18B	SV4LA	TC-4DL18B
24" Pipe Length-Galvanized	46DVA-24	4DT-24	4D24	4D24	SV4L24	TC-4DL2
24" Pipe Length-Black	46DVA-24B	4DT-24B	4D24B	4D24B	SV4LB24	TC-4DL2B
36" Pipe Length-Galvanized	46DVA-36	4DT-36	4D36	4D36	SV4L36	TC-4DL3
36" Pipe Length-Black	46DVA-36B	4DT-36B	4D36B	4D36B	SV4LB36	TC-4DL3B
48" Pipe Length-Galvanized	46DVA-48	4DT-48	4D48	4D48	SV4L48	TC-4DL4
48" Pipe Length-Black	46DVA-48B	4DT-48B	4D48B	4D48B	SV4LB48	TC-4DL4B
60" Pipe Length-Galvanized	46DVA-60	4DT-60	N/A	N/A	N/A	N/A
60" Pipe Length-Black	46DVA-60B	4DT-60B	N/A	N/A	N/A	N/A
Adjustable Length 3"-10"-Galvanized	N/A	N/A	N/A	4DAL	N/A	TC-4DLT
Adjustable Length 3"-10"-Black	N/A	N/A	N/A	4DALB	N/A	TC-4DLTB
Adjustable Length 7"-Galvanized	N/A	N/A	4D7A	N/A	N/A	N/A
Adjustable Length 7"-Black	N/A	N/A	4D7AB	N/A	N/A	N/A
Extension Pipe 8-1/2"-Galvanized	46DVA-08A	N/A	N/A	N/A	N/A	N/A
Extension Pipe 8-1/2"-Black	46DVA-08AB	N/A	N/A	N/A	N/A	N/A
Adjustable Length 12"-Galvanized	N/A	N/A	4D12A	N/A	SV4LA12	N/A
Adjustable Length 12"-Black	N/A	N/A	4D12A	N/A	SV4LBA12	N/A
Extension Pipe 16"-Galvanized	46DVA-16A	N/A	N/A	N/A	N/A	N/A
Extension Pipe 16"-Black	46DVA-16AB	N/A	N/A	N/A	N/A	N/A
45° Elbow-Galvanized	46DVA-E45	4DT-EL45	4D45L	N/A	N/A	TE-4DE45
45° Elbow-Black	46DVA-E45B	4DT-EL45B	4DT-EL45B	N/A	N/A	TE-4DE45B
45° Elbow Swivel-Galvanized	See 46DVA-E45	N/A	N/A	4D45L	SV4E45	N/A
45° Elbow Swivel-Black	See 46DVA-E45B	N/A	N/A	4D45LB	SV4EB45	N/A
90° Elbow-Galvanized	46DVA-E90	4DT-EL90S	4DT-EL90S	N/A	N/A	TE-4DE90
90° Elbow-Black	46DVA-E90B	4DT-EL90SB	4DT-EL90SB	N/A	SV4EBR90-1	TE-4DE90B
90° Elbow, Swivel-Galvanized	See 46DVA-E90	N/A	N/A	4D90L	SV4E90-1	N/A
90° Elbow, Swivel-Black	See 46DVA-E90B	N/A	N/A	4D90LB	SV4EB90-1	N/A
90° Starter Elbow, Swivel-Galvanized	N/A	N/A	N/A	4D90A	N/A	N/A
Adaptor*	N/A	N/A	N/A	4D90L	N/A	N/A
Ceiling Support	N/A	4DT-CS	4DFSP	4DSP	SV4SD	TE-4DE45
Cathedral Support Box	46DVA-CS	4DT-CSS	4DRSB	4DRS	SV4CSB	TE-4DE45B
Wall Support/Band	46DVA-WS	4DT-WS/B	4DWS	4DWS	SV4BM	N/A
Offset Support	46DVA-ES (N/A - FPI)	4DT-OS	N/A	N/A	SV4SU	N/A
Wall Thimble-Black	46DVA-WT	4DT-WT	4DWT	4DWT	SV4RSM	TE-4DE90
Wall Thimble Support/Ceiling Support	46DVA-DC	N/A	N/A	N/A	SV4PF	TE-4DE90B
Firestop Spacer	46DVA-FS	4DT-FS	4DFSP	4DFS	SV4BF	N/A
Trim Plate-Black	N/A	4DT-TP	4DFPB	4DCP	SV4LA	N/A

INSTALLATION

Description	Simpson Direct Vent Pro®	Selkirk Direct Temp™	American Metal Products® Amerivent Direct	Metal-Fab™ Sure Seal	Security Secure-Vent®	ICC Excel Direct
Attic Insulation Shield 12"	46DVA-IS N/A@ FPI	N/A	4DAIS12	N/A	SV4RSA	N/A
Attic Insulation Shield - Cold Climates 36"	N/A	N/A	4DAIS12	N/A	N/A	TM-4AS

Basic Horizontal Termination Kit (A)	Disc.	4DT-HKA	4DHTK2	4DHTKA	SV-SHK	N/A
Horizontal Termination Kit (B)	46DVA-KHA (Changed Components)	4DT-HKB	4DHTK1	4DHTKB	SV-HK	N/A
Vertical Termination Kit	Disc.	4DT-VKC	4DHTK	4DHTK	SV-FK	N/A

High Wind Vertical Cap	46DVA-VCH	N/A	N/A	N/A	N/A	TM-4VT
High Wind Horizontal Cap	46DVA-HC	N/A	N/A	N/A	N/A	TM-4DHT
Horizontal Square Termination Cap	See 46DVA-HC	4DT-HHC	4DHC	4DHT	SV4CHC-1	TM-4HT
Vertical Termination Cap	46DVA-VC	4DT-HVC	4DVC	4DVT	SV4CGV-1	TM-4VT
Storm Collar	46DVA-08A	4DT-SC	4DSC	4DSC	SV4FC	TM-SC

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

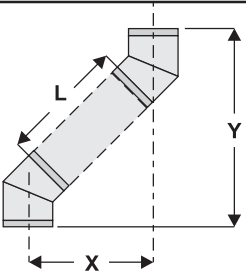
Vinyl Siding Standoff	46DVA-VSS	4DT-VS	N/A	4DVS	SV4VS	TM-VSS
Vinyl Siding Shield Plate	N/A	4DT-VSP	N/A	N/A	SV4VS	N/A

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

Restrictor Disk	N/A	N/A	N/A	N/A	N/A	TM-4DS
Extended Vertical Termination Cap	N/A	N/A	N/A	N/A	N/A	N/A
Chimney Conversion Kit A (USA only)	46DVA-KCA	N/A	N/A	N/A	N/A	TM-4CA6
Chimney Conversion Kit B (USA only)	46DVA-KCB	N/A	N/A	N/A	N/A	TM-4CA7
Chimney Conversion Kit C (USA only)	46DVA-KCC	N/A	N/A </td <td>N/A</td> <td>N/A</td> <td>TM-4CA8</td>	N/A	N/A	TM-4CA8
Chimney Conversion Kit Masonry (USA only)	46DVA-KMC	N/A	N/A	N/A	N/A	N/A
Wall Firestop	46DVA-WFS	N/A	N/A	N/A	N/A	TM-4TR
Colinear Flex Connectors	46DVA-ADF	N/A	N/A	N/A	N/A	N/A

FPI			
946-506/P	Vent Guard (Optional) for AstroCap	946-205	Vinyl Siding Shield for Riser Vent Terminal
510-994	Rigid Pipe Adaptor (Must use with all rigid piping)	946-208/P	Vent Guard (Optional) for Riser Vent Terminal
640-530/P	Riser Vent Terminal	946-523/P	AstroCap Horizontal Cap
946-605	Starter Collar Increaser 4" x 6-5/8" to 5" x 8"	946-206	Vinyl Siding Standoff for AstroCap

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

Offset Pipe Selection: Use this table to determine offset pipe lengths.				For specific instructions on venting components - visit the manufacturers website listed below. Simpson Direct Vent Pro: www.duravent.com Selkirk Direct-Temp: www.selkirkcorp.com American Metal Products: www.americanmetalproducts.com Metal-Fab Sure Seal: www.mtlfab.com Security Secure Vent: www.securitychimneys.com Industrial Chimney Company: www.icc-rsf.com
Pipe Length (L)	4" x 6-5/8" Venting			
	Run (X)	Rise (Y)		
0" (0mm)	4-7/8" (124mm)	13-7/8" (340mm)		
6" (152mm)	8" (203mm)	16-1/2" (419mm)		
9" (229mm)	10-1/8" (257mm)	18-5/8" (473mm)		
12" (305mm)	12-1/4" (311mm)	20-3/4" (527mm)		
24" (610mm)	20-5/8" (524mm)	29-1/8" (740mm)		
36" (914mm)	29" (737mm)	37-1/2" (953mm)		
48" (1219mm)	37-7/16" (951mm)	45-15/16" (1167mm)		

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

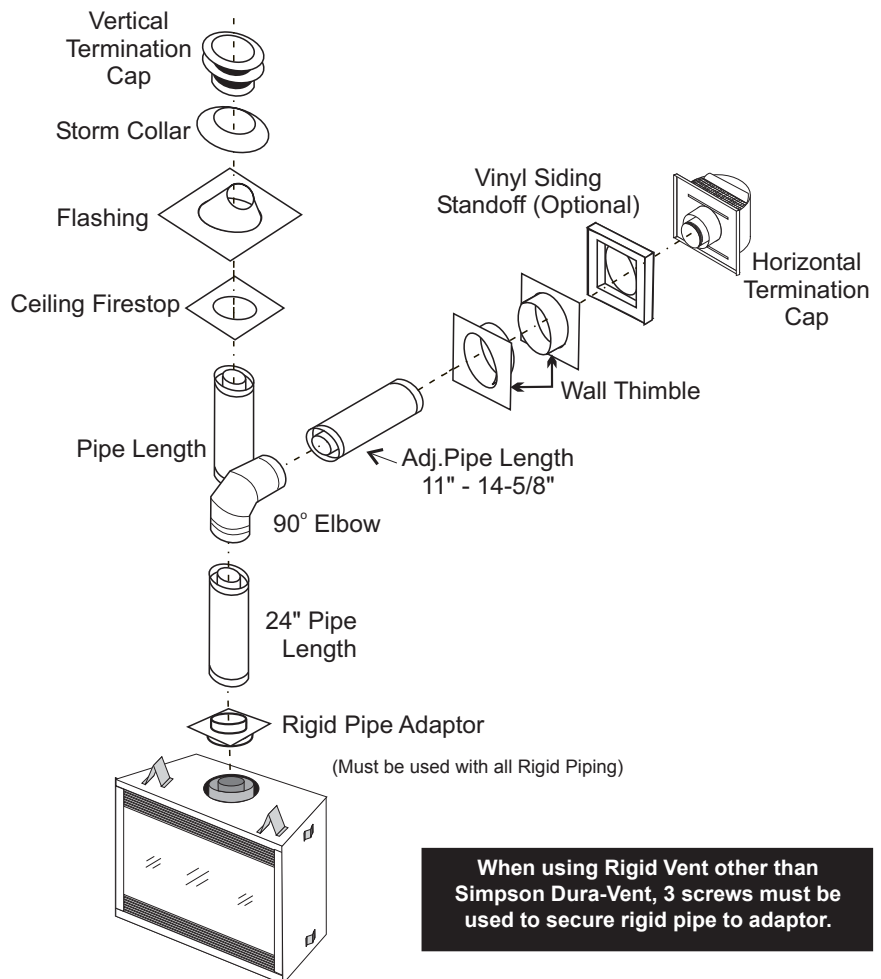
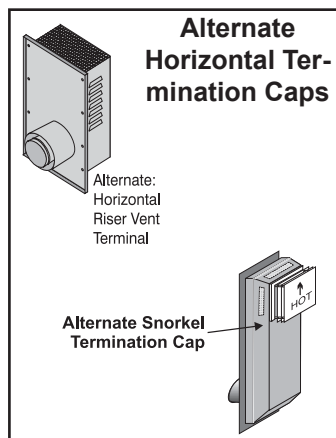
The minimum components required for a basic horizontal termination are:

- 1 Horizontal Termination Cap
- 1 90° Elbow
- 1 Rigid Pipe Adaptor
- 1 Wall Thimble
- 1 Length of pipe to suit wall thickness (see chart)

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

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

Flat Wall Installation	
Wall Thickness (inches)	Vent Length Required (inches)
4" - 5-1/2"	6"
7" - 8-1/2"	9"
10" - 1-1/2"	12"
9" - 14-1/2"	11" - 14-5/8" Adj. Pipe
15" - 23-1/2"	17" - 24" Adj.
Corner Installation	
Wall Thickness (inches)	Vent Length Required (inches)
3-1/4" - 6-3/4"	11" - 14-5/8" Adj. Pipe
7-3/4" - 16-1/4"	17" - 24" Adj. Pipe
7-1/4" - 8-3/4"	6" + 12" 9" + 9"
4-1/4" - 5-3/4"	6" + 9"



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.

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

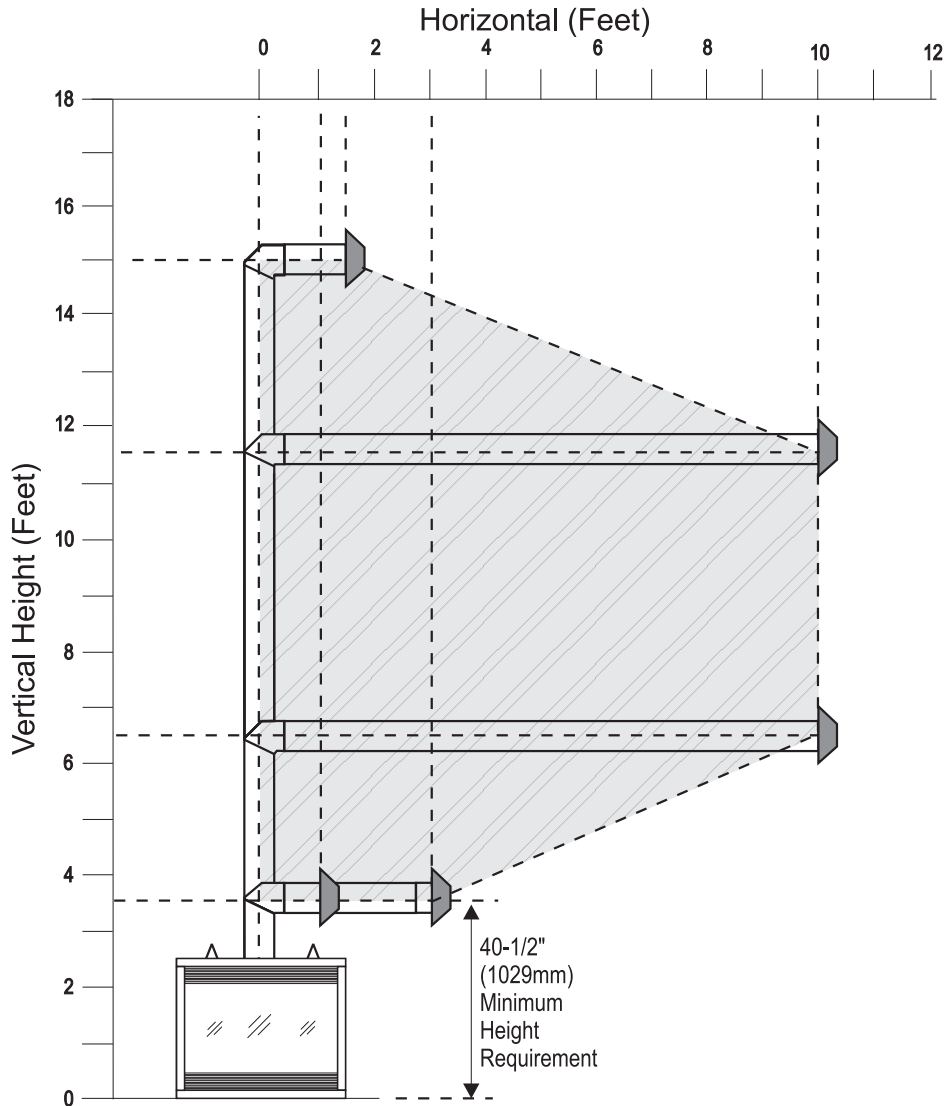
The FPI AstroCap™ and FPI Riser Vent terminal are certified for installations using FPI venting systems as well as Simpson Dura-Vent® Direct Vent, American Metal Products Ameri Vent Direct Vent, Security Secure Vent®, Selkirk Direct-Temp. AstroCap™ is a proprietary trademark of FPI Fireplace Products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

INSTALLATION

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.



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

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

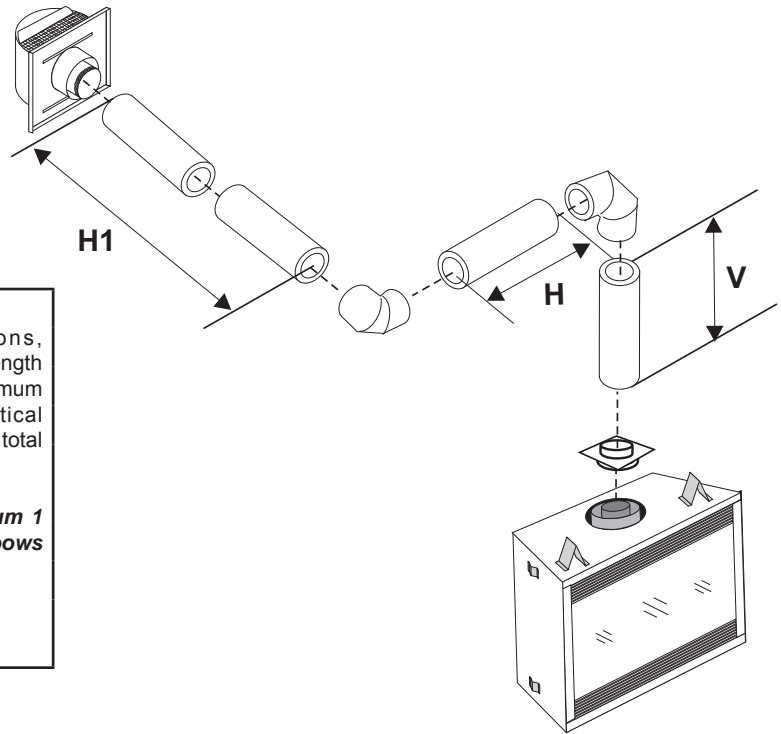
A vent guard should be used whenever the termination is lower than the specified minimum or as per local codes.

Note: FPI Direct Vent System (Flex Part #'s 946-515, 946-516) is only approved for horizontal terminations.

- 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 P36E 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.

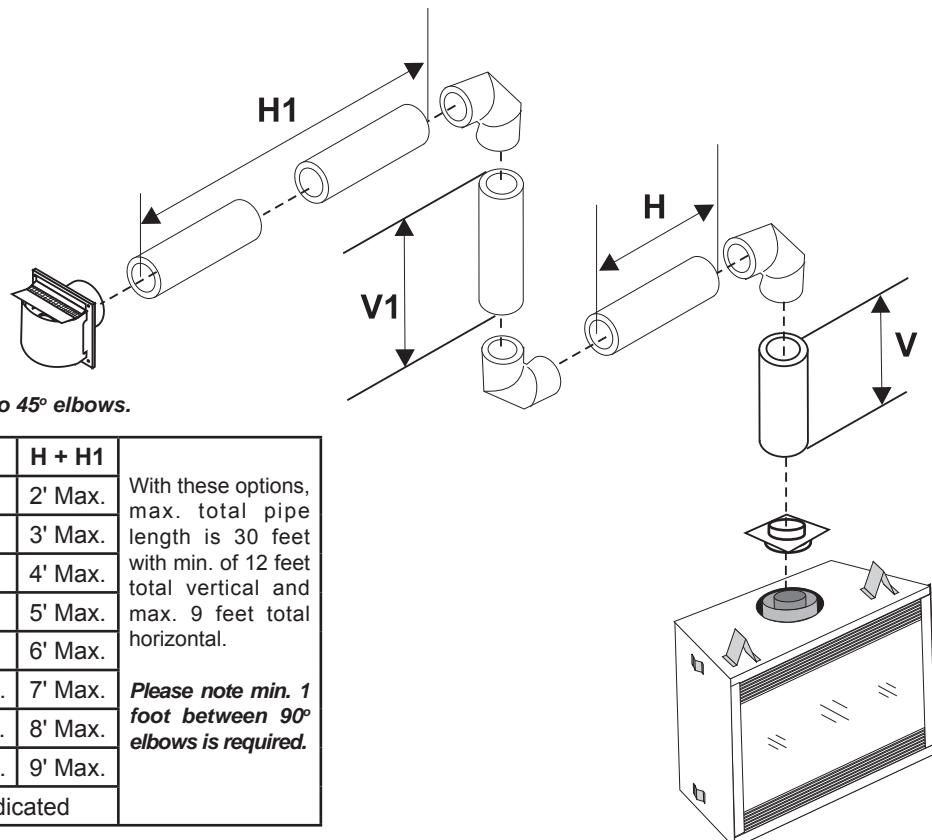
Horizontal Venting with Two (2) 90° Elbows



One 90° elbow = Two 45° elbows.

Option	V	H + H1	
A)	0' Min.	2' Max.	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.
B)	1' Min.	3' Max.	
C)	2' Min.	4' Max.	
D)	3' Min.	5' Max.	
E)	4' Min.	6' Max.	
F)	5' Min.	7' Max.	
G)	6' Min.	8' Max.	
Lengths do not include elbow indicated			

Horizontal Venting with Three (3) 90° Elbows

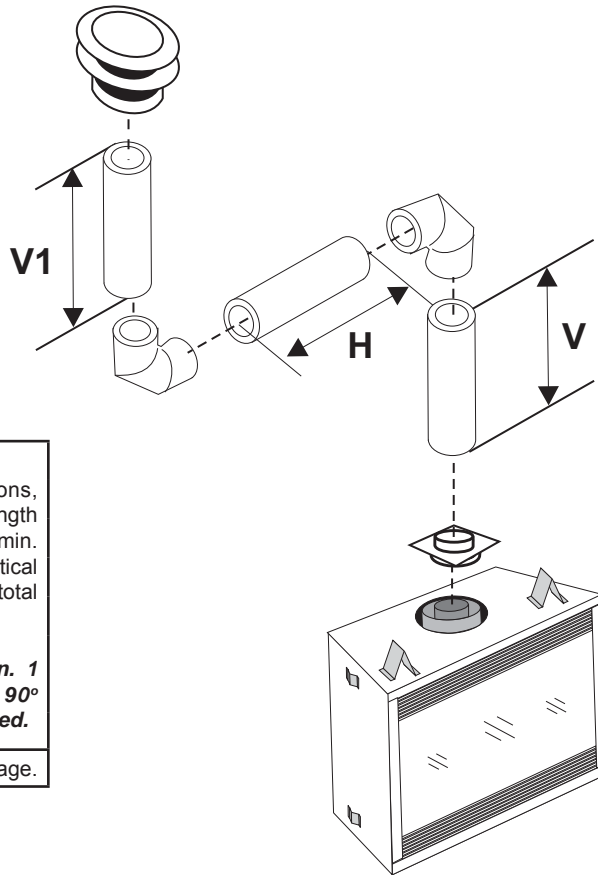


One 90° elbow = Two 45° elbows.

Option	V	H	V + V1	H + H1	
A)	0' Min.	1' Max.	1' Min.	2' Max.	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.
B)	1' Min.	2' Max.	3' Min.	3' Max.	
C)	2' Min.	2' Max.	5' Min.	4' Max.	
D)	3' Min.	2' Max.	7' Min.	5' Max.	
E)	4' Min.	3' Max.	9' Min.	6' Max.	
F)	5' Min.	4' Max.	10' Min.	7' Max.	
G)	6' Min.	5' Max.	11' Min.	8' Max.	
H)	7' Min.	6' Max.	12' Min.	9' Max.	
Lengths do not include elbow indicated					

INSTALLATION

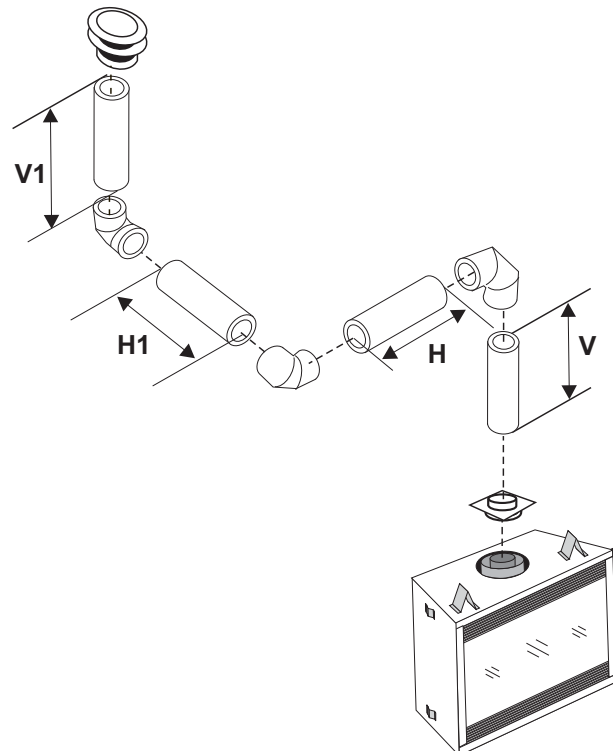
Vertical Venting with Two (2) 90° Elbows



One 90° elbow = Two 45° elbows.

Option	V	H	V + V1	
A)	0' Min.	2' Max.	1' Min.	With these options, max. total pipe length is 30 feet with min. of 6 feet total vertical and max. 8 feet total horizontal.
B)	1' Min.	4' Max.	2' Min.	
C)	2' Min.	5' Max.	3' Min.	
D)	3' Min.	6' Max.	4' Min.	
E)	4' Min.	7' Max.	5' Min.	
F)	5' Min.	8' Max.	6' Min.	
Lengths do not include elbow indicated				Please note min. 1 foot between 90° elbows is required.
For additional vertical venting with 2 x 90° elbows, refer to next page.				

Vertical Venting with Three (3) 90° Elbows



One 90° elbow = Two 45° elbows.

Option	V	H + H1	V + V1	
A)	0' Min.	2' Max.	2' Min.	With these options, max. total pipe length is 30 feet with min. of 10 feet total vertical and max. 8 feet total horizontal.
B)	1' Min.	2' Max.	3' Min.	
C)	2' Min.	3' Max.	4' Min.	
D)	3' Min.	4' Max.	6' Min.	
E)	4' Min.	5' Max.	7' Min.	
F)	5' Min.	6' Max.	8' Min.	
G)	6' Min.	7' Max.	9' Min.	
H)	7' Min.	8' Max.	10' Min.	
Lengths do not include elbow indicated				Please note min. 1 foot between 90° elbows is required.

INSTALLATION

The P36E 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.**

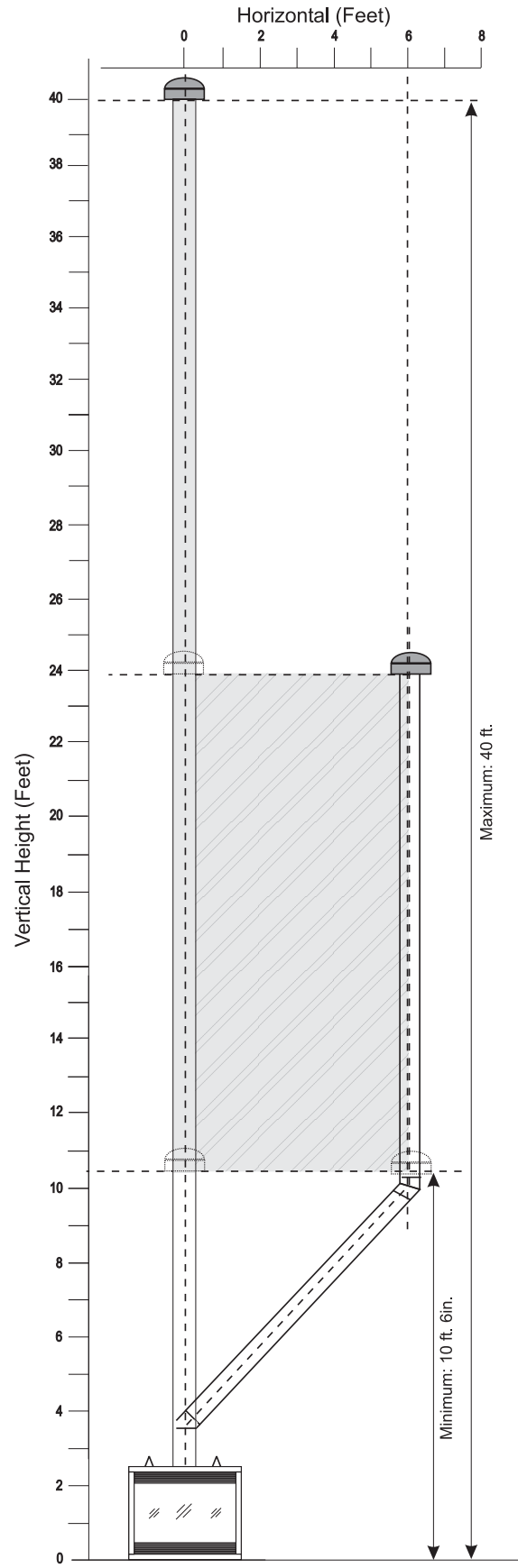


Diagram 1

VERTICAL TERMINATION - CO-LINEAR FLEX SYSTEM

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

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

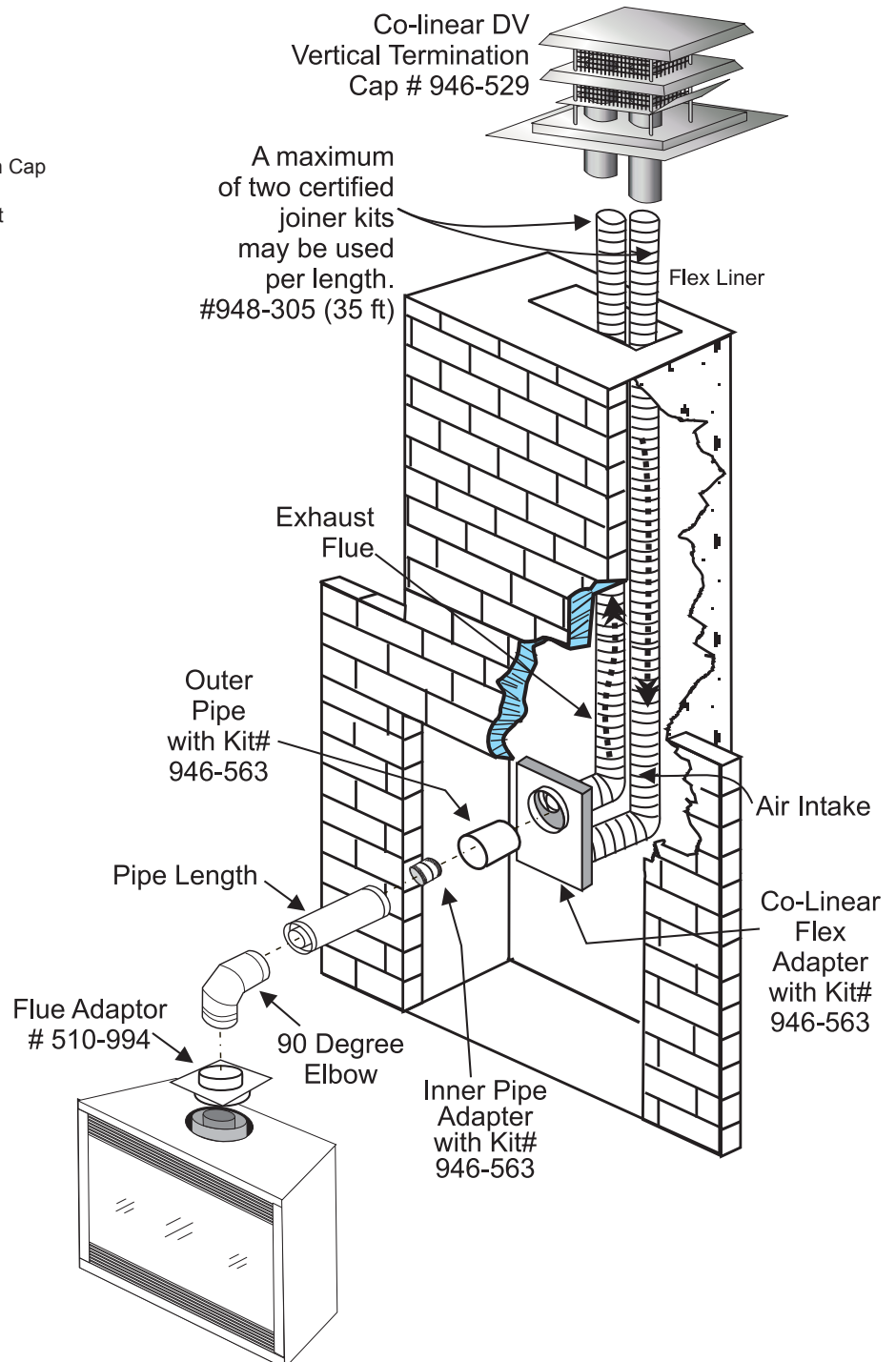
The Air Intake pipe must be attached to the inlet air collar of the termination cap.

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

Required Parts:

Part #	Description
946-529	Co-linear DV Vertical Termination Cap
948-305	3" Flex - 35 ft.
946-563	Co-Axial to Co-Linear Adapter Kit which contains the following: Co-linear Flex Adapter Outer Pipe Inner Pipe Adapter Flue Adaptor
510-994	Flue Adaptor

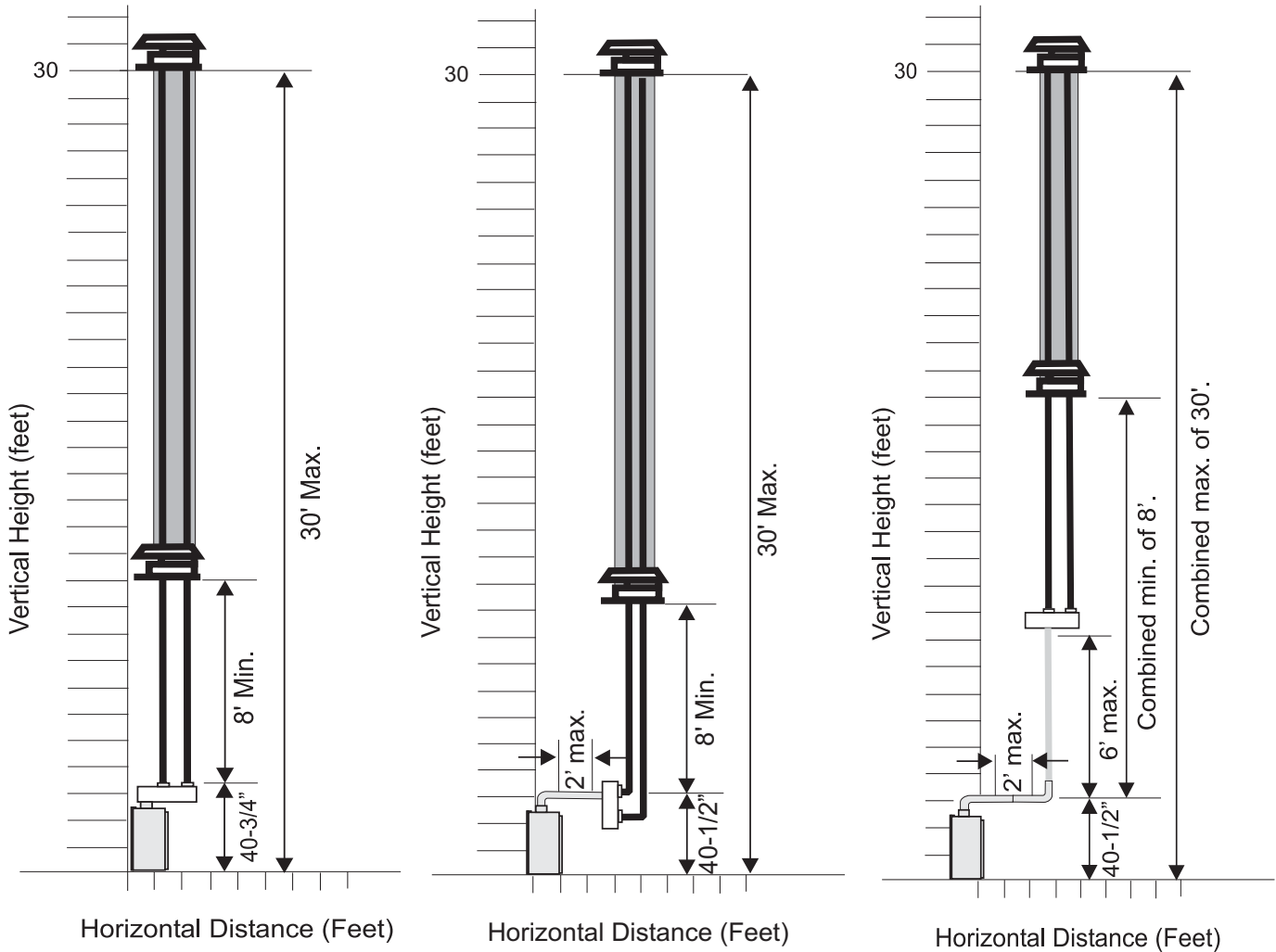
FPI Cabinet and/or Flat Wall Mantles may be used in these applications ensuring that clearances to combustibles are maintained.



INSTALLATION

VENTING ARRANGEMENTS - VERTICAL TERMINATION

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



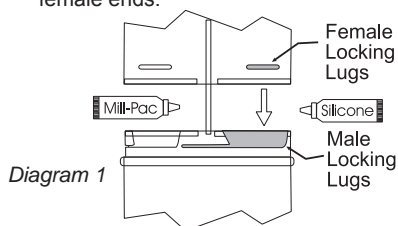
The shaded area in the diagrams show the allowable vertical terminations.

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.



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.

- 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 non-combustible material, i.e. masonry block or concrete, a 7" (178mm) dia. (7-1/2" (191mm) dia. for flex) hole is acceptable.

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

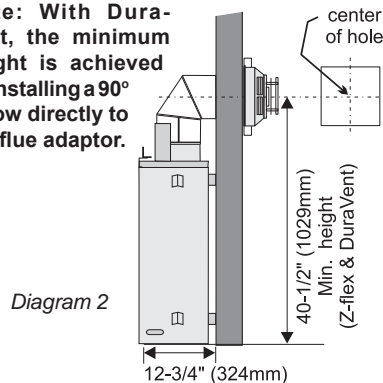


Diagram 2

Note:

- a) The horizontal run of vent must be level, or have a 1/4 inch rise for every 1 foot of run towards the termination. Never allow the vent to run downward. This could cause high temperatures and may present the possibility of a fire.
- b) The location of the horizontal vent termination on an exterior wall must meet all local and national building codes, and must not be blocked or obstructed. For External Vent Terminal Locations, see the "Exterior Vent Termination Locations" section.

c) Snorkel Terminations:

For installations requiring a vertical rise on the exterior of the building, 14-inch and 36-inch tall Snorkel Terminations are available, as well as the standard Riser Vent. Follow the same installation procedures as used for standard Horizontal Termination. NEVER install the snorkel upside down.

Below Grade Installation

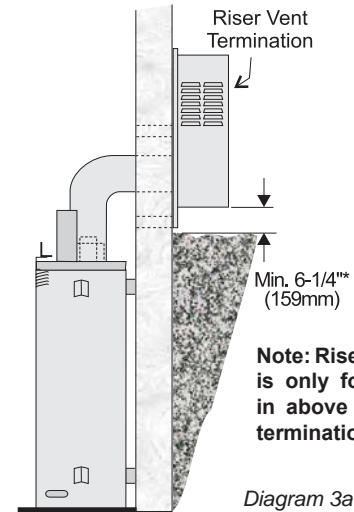


Diagram 3a

***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.

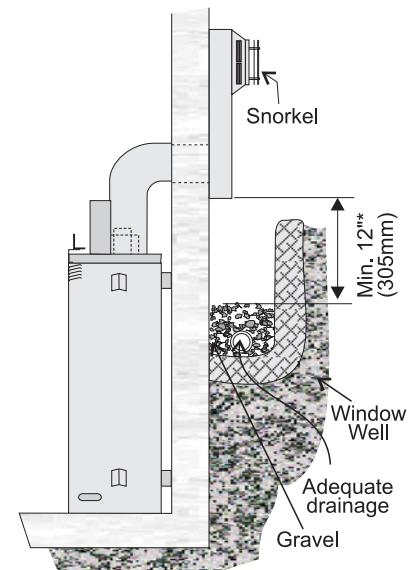


Diagram 4

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

- 6) The arrow on the vent cap should be pointing up. Insure 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.

INSTALLATION

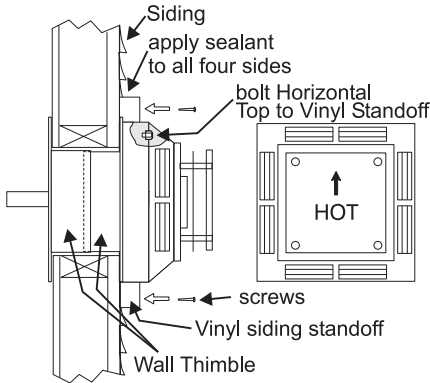


Diagram 5

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

- 7) Before connecting the horizontal run of vent pipe to the vent termination, slide the Wall Thimble over the vent pipe.
- 8) Slide the appliance and vent assembly towards the wall carefully inserting the vent pipe into the vent cap assembly. It is important that the vent pipe extends into the vent cap sufficient distance so as to result in a minimum pipe overlap of 1-1/4 inches. Secure the connection between the vent pipe and the vent cap by attaching the two sheet metal strips extending from the vent cap assembly into the outer wall of the vent pipe. Use the two sheet metal screws provided to connect the strips to the pipe section. See Diagram 6.
- 9) Install wall thimble in the center of the 10" square and attach with wood screws (Diagram 7).

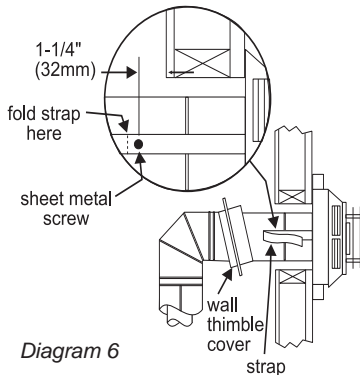


Diagram 6

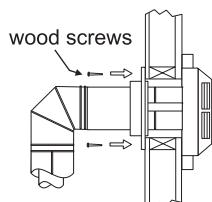


Diagram 7

DURA-VENT VERTICAL 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 from the ceiling to the position of the appliance flue exit, and mark the location where the vent will penetrate the ceiling. Drill a small hole at this point. Next, drop a plumb bob from the roof to the hole previously drilled in the ceiling, and mark the spot where the vent will penetrate the roof. Determine if ceiling joists, roof rafters or other framing will obstruct the venting system. You wish to relocate the appliance or to offset, as shown in Diagram 2 to avoid cutting load bearing members.

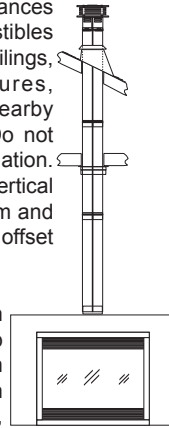


Diagram 1

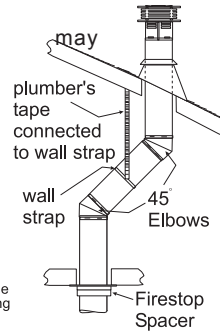
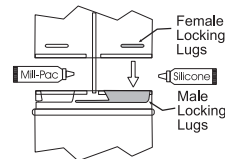


Diagram 2



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.

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

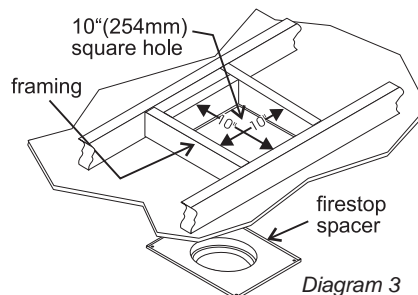


Diagram 3

- 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.

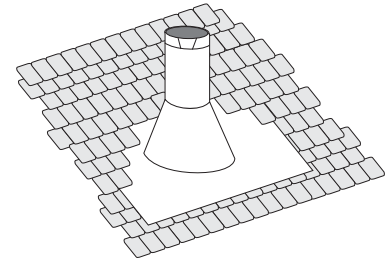


Diagram 4: The upper half of the flashing is installed under the roofing material and not nailed down until the chimney is installed. This allows for small adjustments.

- 6) Continue to assemble pipe lengths.

Note: If an offset is necessary in the attic to avoid obstructions, it is important to support the vent pipe every 3 feet, to avoid excessive stress on the elbows, and possible separation. Wall straps are available for this purpose (Diagram 2).

Galvanized pipe is desirable above the roofline due to its higher corrosion resistance. Continue to add pipe sections through the flashing until the height of the vent cap meets the minimum height requirements specified in Diagram 5 or local codes. Note that for steep roof pitches, the vertical height must

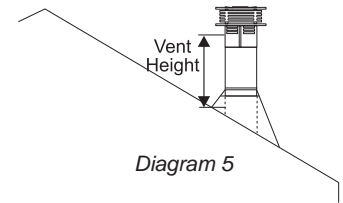


Diagram 5

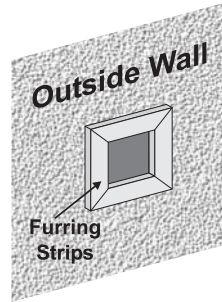
Roof Pitch	Minimum Vent Height	
	Feet	Meters
flat to 7/12	2	0.61
over 7/12 to 8/12	2	0.61
over 8/12 to 9/12	2	0.61
over 9/12 to 10/12	2.5	0.76
over 10/12 to 11/12	3.25	0.99
over 11/12 to 12/12	4	1.22
over 12/12 to 14/12	5	1.52
over 14/12 to 16/12	6	1.83
over 16/12 to 18/12	7	2.13
over 18/12 to 20/12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

be increased. A poor draft, or down drafting can result from high wind conditions near big trees or adjoining roof lines, in these cases, increasing the vent height may solve the problem.

- 7) Ensure vent is vertical and secure the base of the flashing to the roof with roofing nails, slide storm collar over the pipe section and seal with a mastic.
- 8) Install the vertical termination cap by twisting it.

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

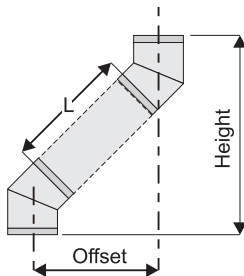
Note: To make the installation more aesthetically pleasing, we recommend framing out a square to mount the terminal to.



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

Offset Chart

GS 6"(152mm) Nominal Diameter ID					
Offset		Pipe Length (L)		Height	
inches	mm	inches	mm	inches	mm
4 3/4	121	0	0	13 1/4	337
9	229	6	152	17 1/2	445
11 1/4	286	9	229	19 1/2	495
13 1/4	337	12	305	21 3/4	552
21 3/4	552	24	610	30 1/4	768
30 1/4	768	36	914	39	991
38	965	48	1219	47	1194



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

NOTE:

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

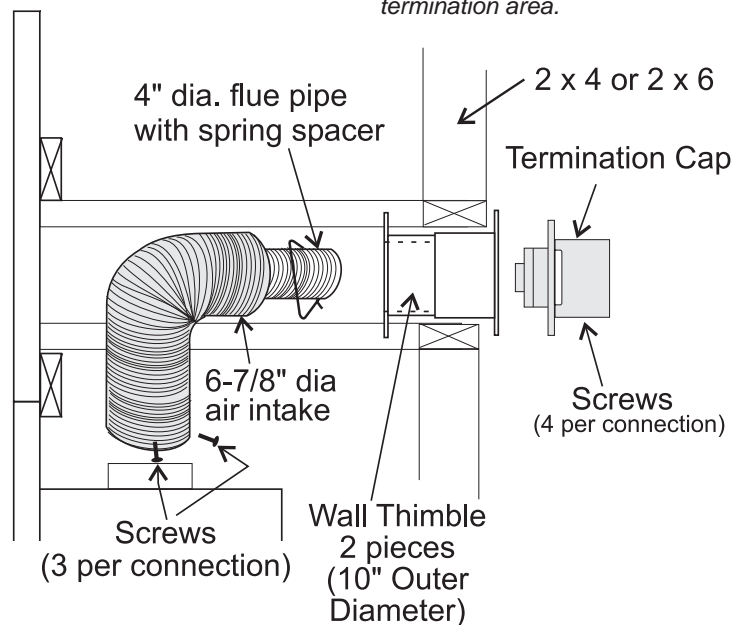
- 4) Separate the 2 halves of the wall thimble and securely fasten the one with the tabs to the outside wall making sure that the tabs are on top and bottom. Fasten the other thimble half to the inside wall. The thimble halves slip inside each other and can be adjusted for 2 x 4 or 2 x 6 walls. **The liners must slip over the collars a minimum of 1-3/8".**
- 5) Slip the assembled liner and termination assembly through the thimble making sure the termination cap faces up (there are markings on the cap that show which way is up). This will position the termination cap with proper down slope for draining water. Fasten the cap to the outer wall with the 4 supplied screws.
- 6) Pull the centre 4"(100mm) liner and outer 6-7/8"(175mm) liner out enough to slip over the flue collars of the fireplace. (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 fireplace inner collar and slip the 4"(100mm) liner down over it and attach with 3 supplied screws.
- 8) Do the same with the 6-7/8"(175mm) liner.
- 9) Apply a bead of silicone between the thimble and termination and around the outer edge of the terminal at the wall in order to keep the water out.

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

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

P36E-NG4 System Data	
For 0 to 4500 feet altitude Burner Inlet Orifice Sizes: #37	
Max. Input Rating:	29,500 Btu/h
Min. Input Rating:	19,500 Btu/h
Supply Pressure:	min.5.0" w.c.
Manifold Pressure (High):	3.5"+/- 0.2"w.c.
Electrical: 120 V A.C. System. Circulation Fan: variable speed 130 CFM. Log Set: Ceramic fibre, 7 per set. Vent System: Simpson Dura-Vent Direct Vent System or FPI Direct Vent System (Flex)	

P36E-LP4 System Data	
For 0 to 4500 feet altitude Burner Inlet Orifice Sizes: #52	
Max. Input Rating	28,500 Btu/h
Min. Input Rating	22,000 Btu/h
Supply Pressure	min.11.0" w.c.
Manifold Pressure (High)	10"+/- 0.2" w.c.
Electrical: 120 V A.C. System. Circulation Fan: variable speed 130 CFM. Log Set: Ceramic fibre, 7 per set. Vent System: Simpson Dura-Vent Direct Vent System or FPI Direct Vent System (Flex)	

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.

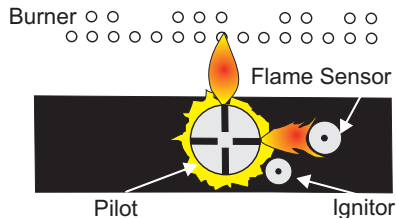
For USA installations follow local codes and/or the current National Fuel Gas Code, ANSI Z223.1.

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.

PILOT ADJUSTMENT

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



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

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

GAS PIPE PRESSURE TESTING

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

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

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

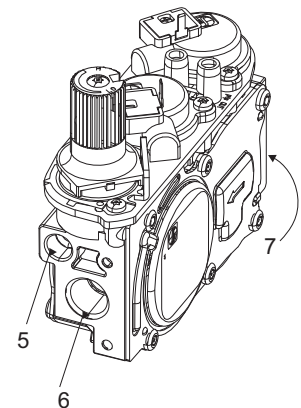
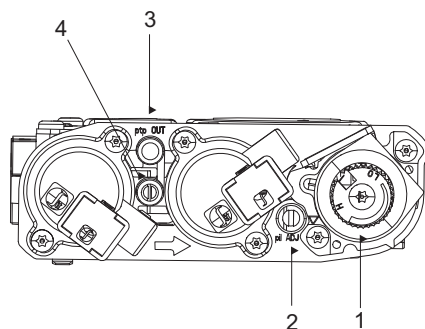
- 1) Make sure the switch is in the "OFF" position.
- 2) Loosen the "IN" and/or "OUT" pressure tap(s), turning counterclockwise with a 1/8" wide flat screwdriver.
- 3) Attach manometer to "IN" and/or "OUT" pressure tap(s) using a 5/16" ID hose.
- 4) Light the pilot by turning the switch to "ON" position.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

HIGH ELEVATION

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

886 S.I.T. VALVE DESCRIPTION

- 1) Manual high/low adjustment
- 2) Pilot adjustment
- 3) Outlet Pressure Tap
- 4) Inlet Pressure Tap
- 5) Pilot Outlet
- 6) Main Gas Outlet
- 7) Main Gas Inlet



INSTALLATION

CONVERSION FROM NG TO LP FOR P36E-4 USING SIT 886 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 #514-972
LPG Conversion Kit Contains:

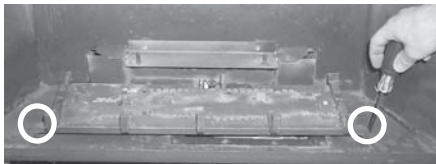
Qty.	Part #	Description
1	904-390	Burner Orifice #52
1	918-590	Decal "Converted to LPG"
1	908-528	Red "LPG" label
1	904-529	5/32" Allen Key
1	911-009	Hi/Lo regulator
1	910-101	LPG Injector (Pilot Orifice)
1	918-861	Instruction Sheet

Installation of the LPG Conversion Kit:

- 1) Shut off the gas supply.
- 2)
 - a) Remove the louvers, bay door or faceplate if installed.
 - b) Open the flush door and remove the door.
 - c) Remove the logs, embers, and brick panels (if used).

For P36E-4 Only:

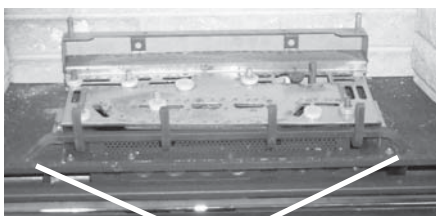
- 3) Remove the 2 screws holding the Burner Assembly to the firebox base. Push the Burner Assembly to the left and lift out.



Remove the 2 screws, push Burner Assembly to the left and lift out.

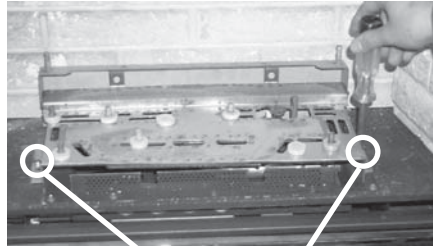
For U32E-5 Only:

- 3a) Remove the grate by removing the screws on each side of the grate.



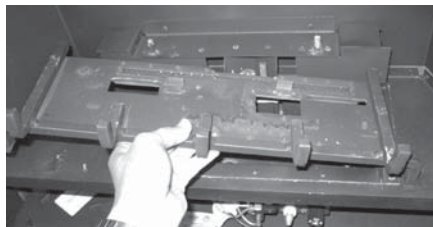
Remove the 2 screws holding the grate in position.

- 3b) Remove the Burner Tray by removing the screws on each side of the tray. Push the tray to the left and lift up.



Remove the 2 screws, push Burner Tray to the left, and lift off.

Remove the 2 screws, push Burner Assembly to the left and lift out.



- 4) Pull off the pilot cap to expose the pilot orifice.



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



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



Burner Orifice

- 7) Reinstall new burner orifice LPG stamped #52 and tighten
- 8) Remove Hi/Lo pressure regulator by removing 2 screws as shown below. Reverse steps to install LP pressure regulator.



- 9) Attach the label "This unit has been converted to LPG" near or on top of the serial # decal.

- 10) Replace yellow "NG" label with red "LPG" label.

- 11) Reverse steps 3 - 1.

- 12) Check for gas leaks.

- 13) Check inlet and outlet pressures.

- 14) Check operation of flame control.

Installer Notice:

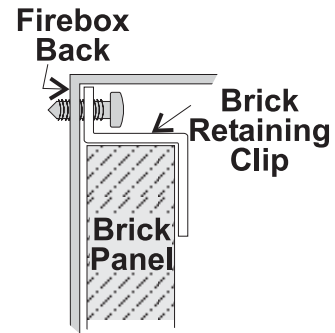
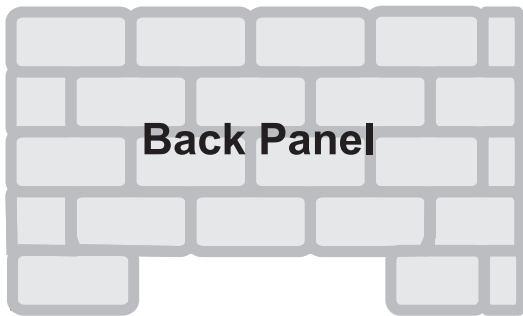
These instructions must be left with the appliance.

OPTIONAL BRICK PANELS

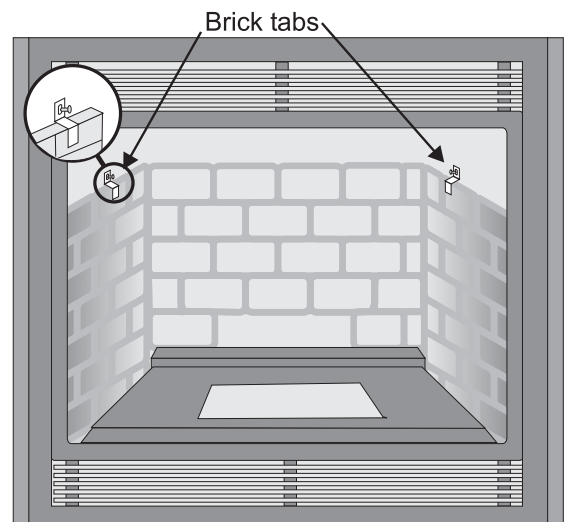
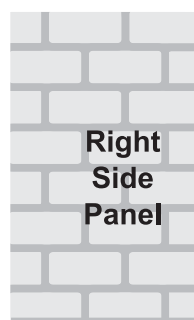
- 1) Undo the bottom 2 door latches and open and remove glass door. Remove logs.
- 4) Install the 2 brick retaining clips, one on each side.

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.



INSTALLATION

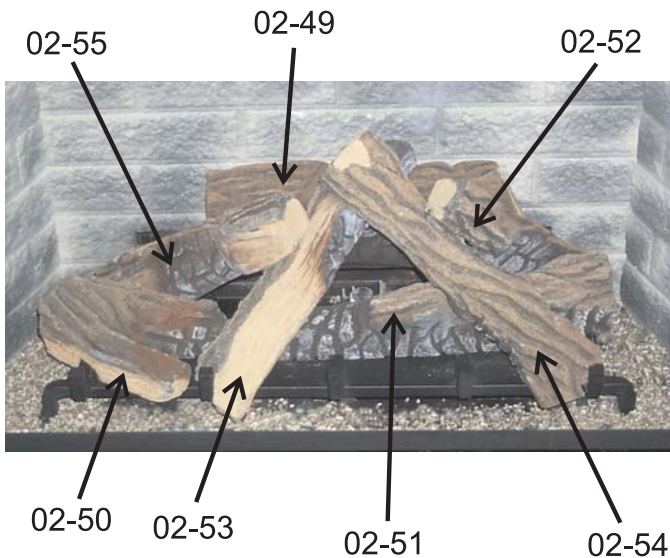
LOG SET INSTALLATION

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)

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



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

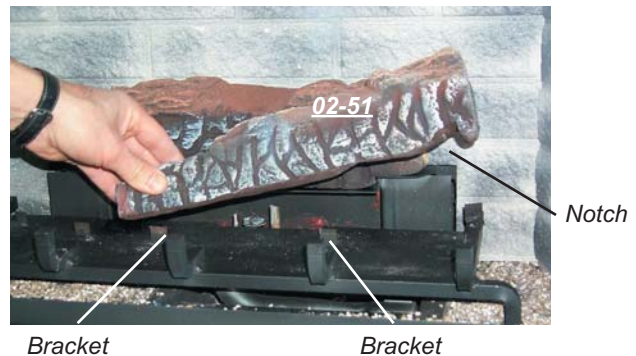
NOTE: If installing the optional Brick Panels, install prior to log installation.

- 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.



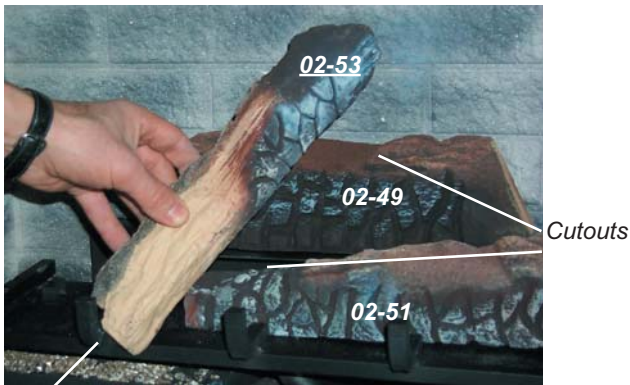
Vermiculite

- 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.



INSTALLATION

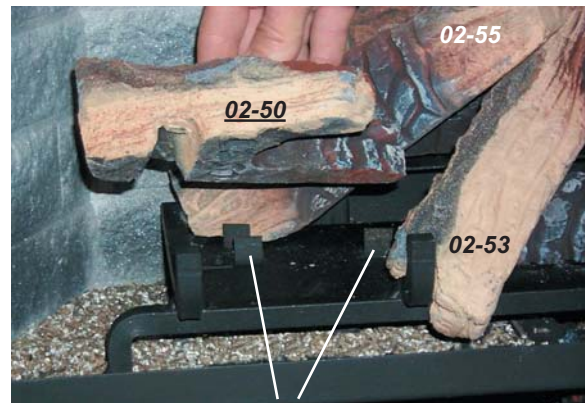
- 5) Position Log 02-53 across the cutouts in Logs 02-49 and 02-51 with the notch on the left side of the log fitting into the 2nd grate tab.



2nd Grate Tab



- 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.

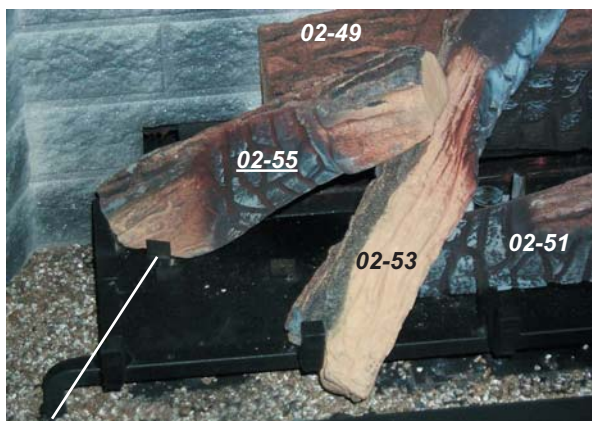


Front Brackets



Notch

- 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.



Rear Bracket

- 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.

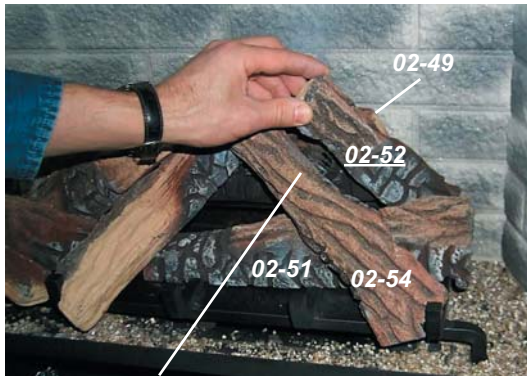


5th Grate Tab



INSTALLATION

- 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.



Use the indentation in log 02-54 to locate log 02-52.

- 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.



Place embers in these 3 locations on the burner tray.

Photo shows rear grate tab. Log 02-51 was removed to show the positioning of Log 02-52.



Rear Grate Tab



- 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.

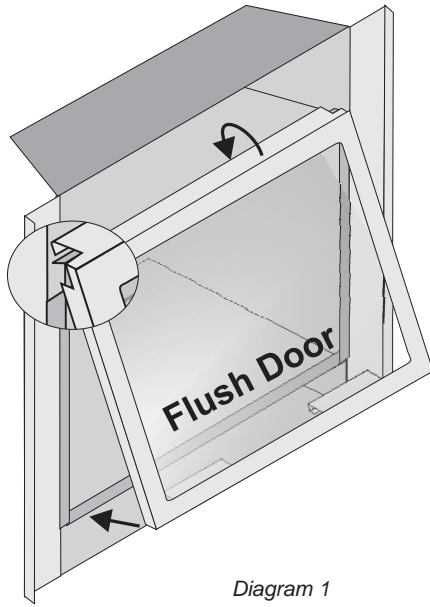


Diagram 1

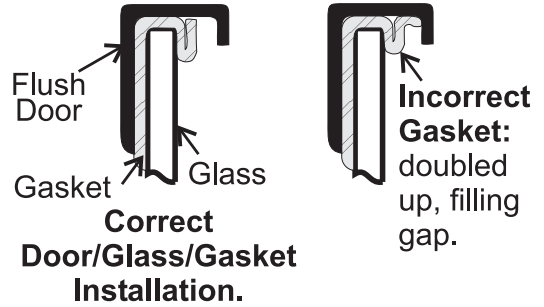
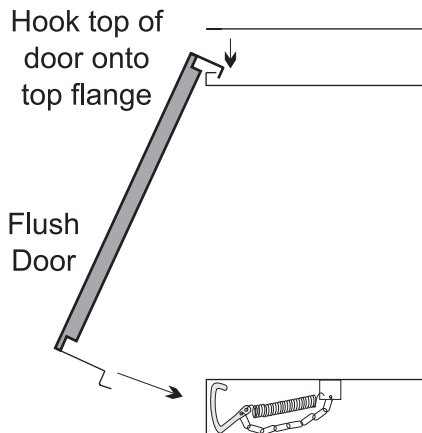


Diagram 2

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.

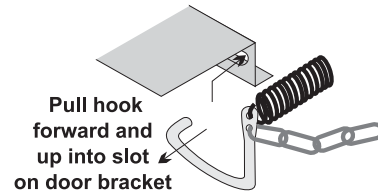


Diagram 3

To remove the flush door, reverse the above steps.

INSTALLATION

Optional WALL THERMOSTAT

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

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

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

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

Thermostat Wire Table

Recommended Maximum Lead Length (Two-Wire) When Using Wall Thermostat (CP-2 System)	
Wire Size	Max. Length
14 GA.	50 Ft.
16 GA.	32 Ft.
18 GA.	20 Ft.
20 GA.	12 Ft.
22 GA.	9 Ft.

Optional REMOTE CONTROL

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

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

- 1) Choose a convenient location on the wall to install the receiver and the receptacle box (protection from extreme heat is very important). Run wires from the fireplace to that location.
- 2) Connect the two wires to the gas valve. See wiring diagrams. Optional wall switch GT/GTM/GTMF using wire 0.584.907

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

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

Optional WALL SWITCH

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

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

- 2) Connect the wire to a wall switch and install into the receptacle box. Disconnect the three way on/off switch box wires from the attach Green and White wires from the wireharness. Connect the wire from the wall switch to the Green and White as shown on wiring diagrams.

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

BATTERY INSTALLATION

- 1) 4 AA batteries must be installed in the battery pack to operate the burner switch.
- 2) Install 2 AA batteries per side and connect as shown below. The battery pack will be located near the gas controls at the base of the unit.



GT REMOTE INSTALLATION

- 1) Shut off the gas supply and disconnect all power to the unit.
- 2) Remove the louvers, bay door or faceplate if installed.
- 3) Disconnect battery pack - located on the floor of the unit, as shown below and discard.



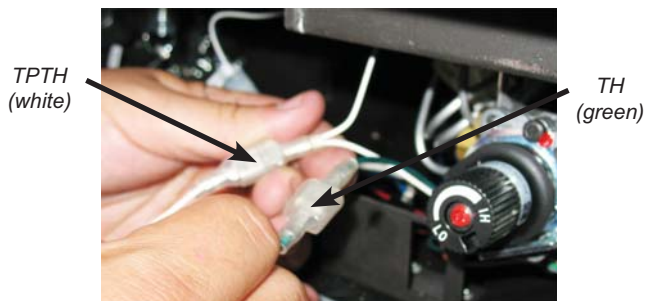
- 4) Remove DFC (digital firebox control box) from the floor of the unit.



- 5) Disconnect wire harness, ground wire and spark wire from DFC. See attached wiring diagram for details.



- 6) Identify wires in the GT remote wiring harness. (see wiring diagram.)
- 7) Connect the TPTH and TH wires - green to green and white to white as shown below. See attached wiring diagram for details.



- 8) Plug in receiver DC supply wire - as shown below.



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



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



- 11) Install the heat shield to the receiver with two screws and attach to the floor of the unit with a velcro pad.



- 12) Reverse steps 5 and 4.
- 13) Match the remote control to the receiver - see remote control instructions.
- 14) Reverse steps 2 and 1.
- 15) Check to ensure there are no gas leaks.

INSTALLATION

GTM REMOTE INSTALLATION

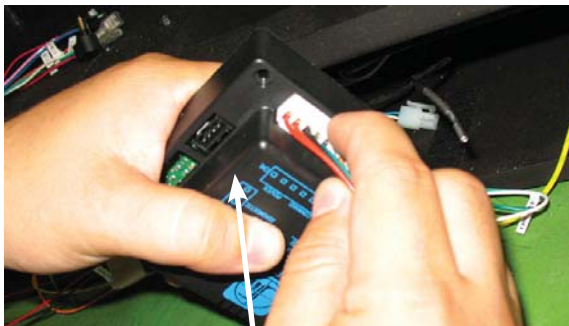
- 1) Shut off the gas supply and disconnect all power to the unit.
- 2) Remove the louvers, bay door or faceplate if installed.
- 3) Disconnect battery pack - located on the floor of the unit, as shown below and discard.



- 4) Remove DFC (digital firebox control box) from the floor of the unit.

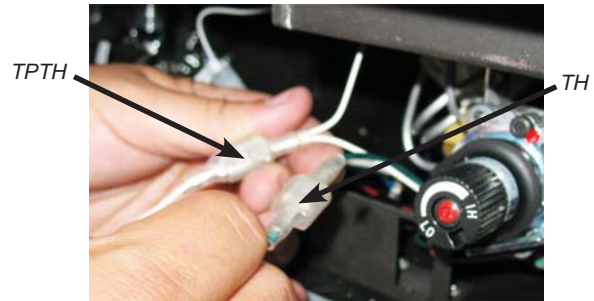


- 5) Disconnect wire harness, ground wire and spark wire from DFC.



DFC

- 6) Identify wires in the GTM/GTMF remote wiring harness. (see wiring diagram.)
- 7) Connect the TPTH and TH wires - green to green and white to white as shown below.



- 8) Plug in receiver DC supply wire - as shown below.

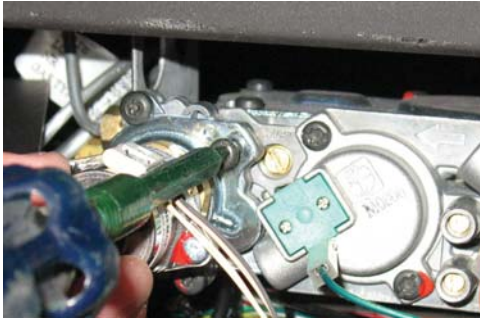


- 9) Remove the hi/lo knob if installed by removing 2 screws as shown below.



INSTALLATION

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

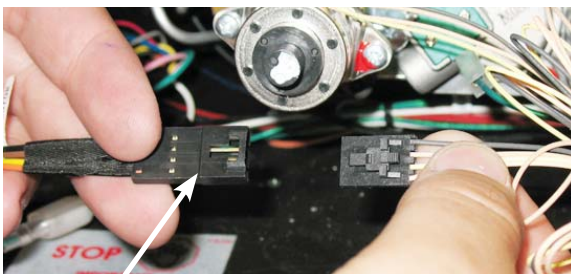


- 11) Remove the receiver if installed - unplug the motor wire from the back of the receiver - as shown below.



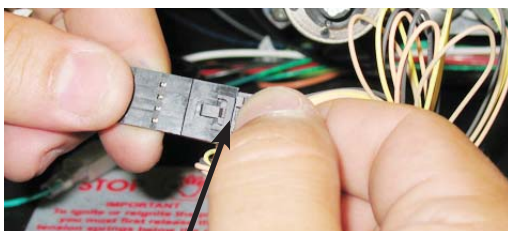
- 12) Reattach wires from step 5.

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



Motor wire

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



Press down this tab

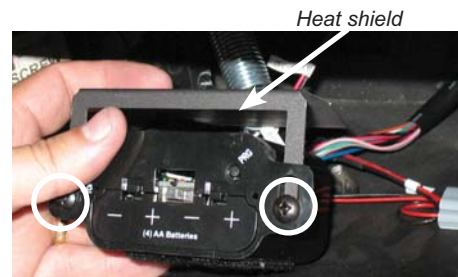
- 15) Install 4-AA batteries into the receiver.



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



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



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

- 19) Reverse steps 2 and 1.

- 20) Check to ensure there are no gas leaks.

INSTALLATION

GTMF REMOTE INSTALLATION

- 1) Shut off the gas supply and disconnect all power to the unit.
- 2) Remove the louvers, bay door or faceplate, if installed.
- 3) Disconnect battery pack - located on the floor of the unit, as shown below and discard.



- 4) Identify wires in the GTM/GTMF remote wiring harness. (see wiring diagram.)
- 5) Remove DFC (digital firebox control box) from the floor of the unit.

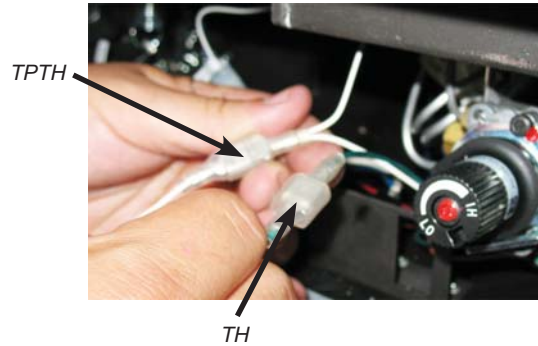


- 6) Disconnect wire harness, ground wire and spark wire from DFC.



DFC

- 7) Connect the TPTH and TH wires - green to green and white to white as shown below.



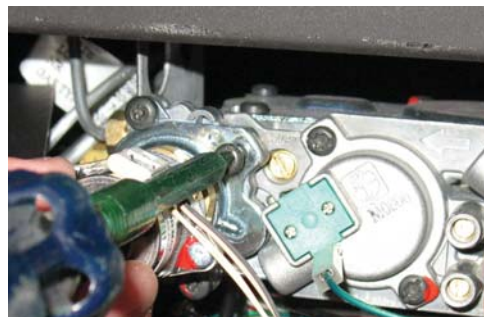
- 8) Plug in receiver DC supply wire - as shown below.



- 9) Remove the hi/lo knob by removing 2 screws as shown below.



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



INSTALLATION

- 11) Install 4 - AA batteries into the receiver.



- 12) Plug 'motor' wires into the back of the receiver and bundle wires with the wire clip - as shown below.

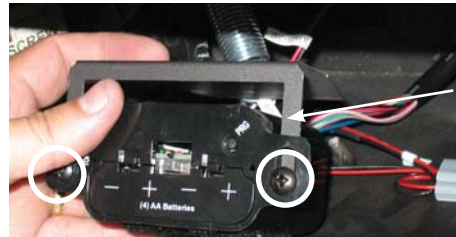


- 13) Reattach wires from step 5.

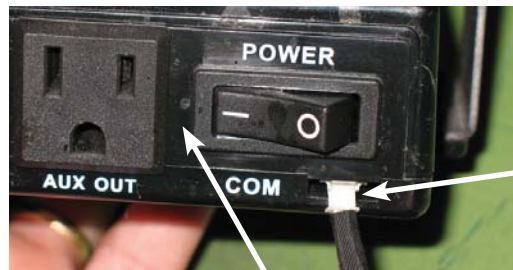


- 14) Reinstall the DFC box onto the velcro pad on the floor of the unit.

- 15) Install the heat shield to the receiver with two screws and attach to the floor of the unit with a velcro pad.



- 16) From the wire harness, plug the FCM wire into the fan control module.



- 17) Install the heat shield onto the fan control module - then install onto the velcro pad located on the floor of the unit located left of the receiver.



- 18) Plug fan control module into receptacle located on the left hand side of the unit.

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

- 20) Reverse steps 2 and 1.

- 21) Check to ensure there are no gas leaks..

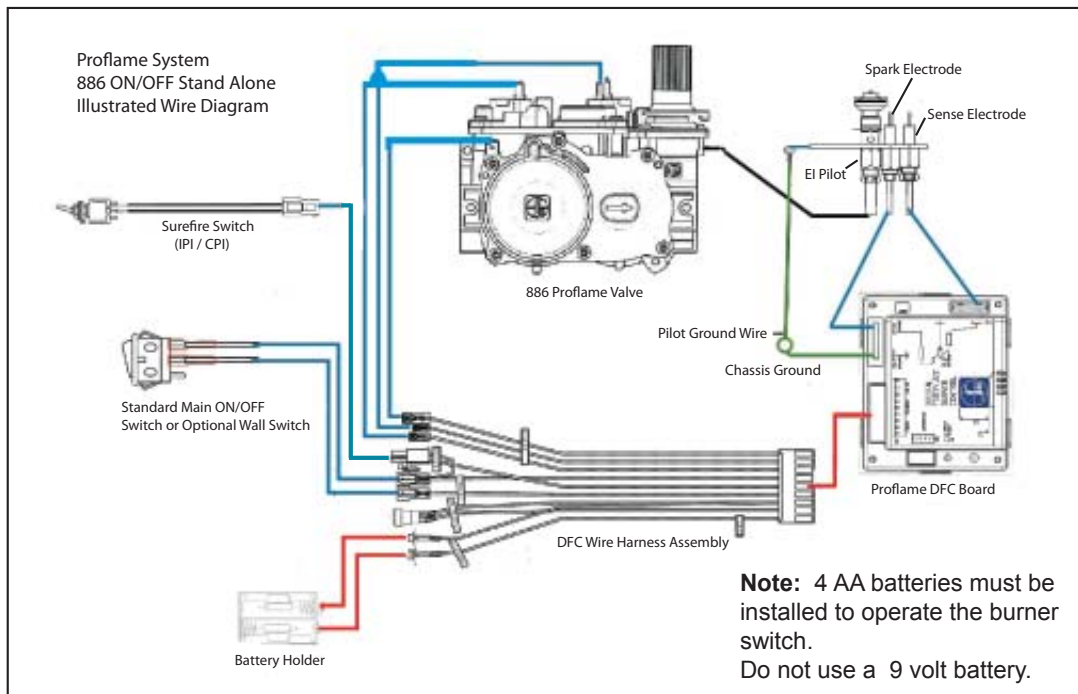
INSTALLATION

WIRING DIAGRAMS

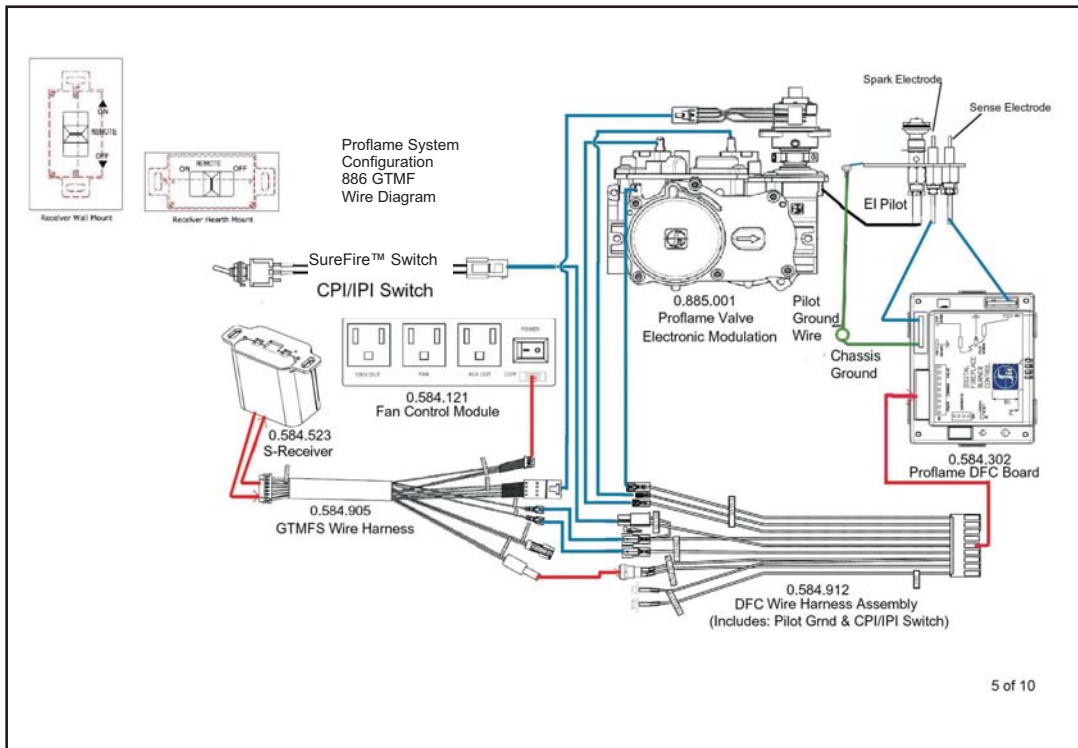
This heater does not require a 120V A.C. supply for operation. In case of a power failure, the burner switch and the optional remote control/thermostat will continue to operate. However, a 120V A.C. power supply is needed for the fan/blower operation.

(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.



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



AC Power Adaptor Installation (For Surefire System)

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

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

IMPORTANT: Recommend removing the 4-AA batteries in the SureFire receiver.

This will avoid battery leakage and power drainage. 4-AA Battery pack may be re-installed into receiver during power outages.

NOTE: For all **Gas Fireplaces** 120 volt power must be brought to the **receptacle box** inside the **bottom of the firebox** (provided with the unit).

All Freestanding **Gas Stoves & Gas Inserts** will need a **receptacle box** located **outside / near the unit** so that the AC Power Adaptor can be plugged in.

INSTALL AC ADAPTOR WITH SUREFIRE WALL SWITCH ONLY - (WITHOUT REMOTE)

- 1) Locate "DC Supply" tag on wire harness. For location in unit see remote installation page in owners manual.



- 2) Connect the male end from AC adaptor to the female end tagged "DC Supply" on wiring harness in unit.



- 3) Plug AC adaptor into 120V wall outlet (or into 120V receptacle if installed inside the gas fireplace firebox).
- 4) Neatly tuck any loose AC Power Adaptor wires neatly underneath / inside the appliance.

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

INSTALL AC ADAPTOR WITH SUREFIRE PROFLAME GT / GTM REMOTE

This method also applies for models, HZ30E - HZ40E - L390E - HZI390E

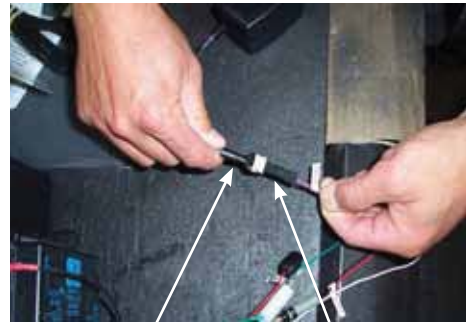
- 1) Connect the male end of the AC adaptor to the female end of the wire adaptor (supplied with AC adaptor) together as shown .



Wire adaptor

AC adaptor

- 3) Plug in wire adaptor to FCM - COM connector - be careful not to damage ends. This only fits one way. Do Not Force in wrong way.



AC adaptor wire adaptor

FCM - COM

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

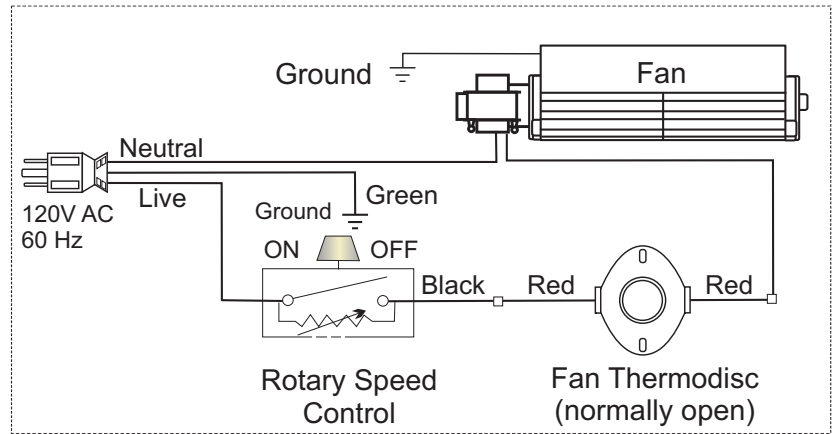
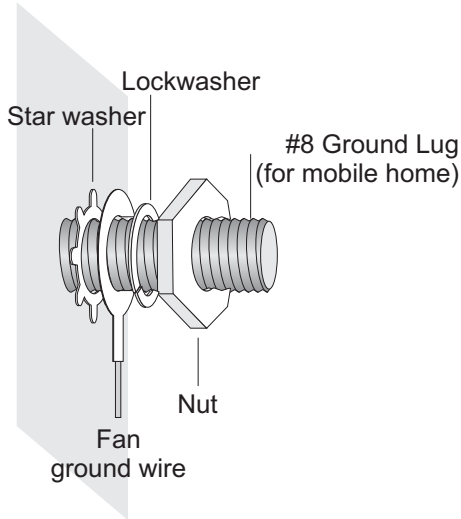


FCM - COM

- 4) Plug AC adaptor into 120V wall outlet (or into 120V receptacle if installed inside the gas fireplace firebox).
- 5) Neatly tuck any loose AC Power Adaptor wires neatly underneath / inside the appliance.

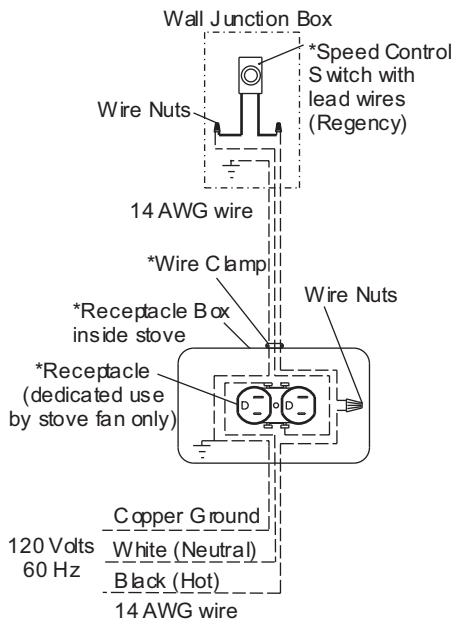
Note: Ensure that wires do not touch the underside of the firebox (keep wires away from the heat as much as possible).

OPTIONAL FAN WIRING DIAGRAM

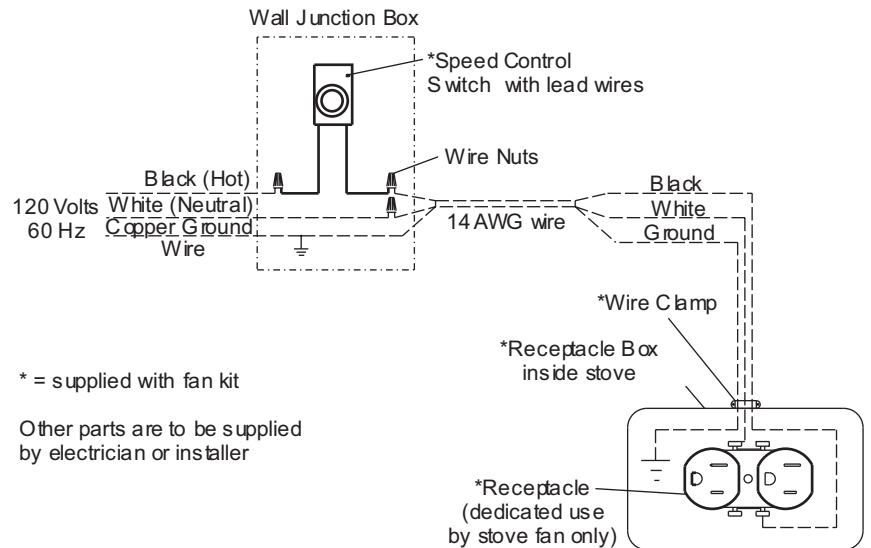


NOTE: Wiring schematics for P36E-4 (120 Volts), plug-in fan circuit with speed control switch on wall.

P36 Electrical Connection Alternative Scheme "A", Power at Stove



P36 Electrical Connection Alternative Scheme "B", Power at Switch



* = supplied with fan kit

Other parts are to be supplied by electrician or installer

OPERATING INSTRUCTIONS

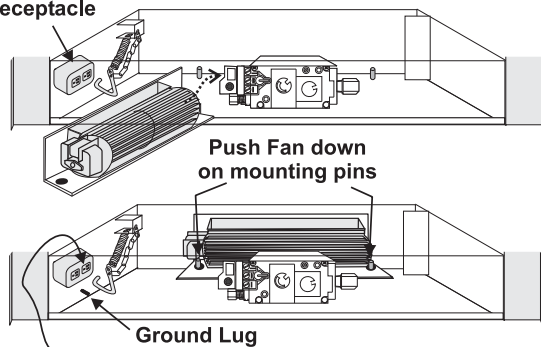
FAN INSTALLATION (OPTIONAL)

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.

Electrical Receptacle



Plug fan power cord into rear receptacle.

Diagram 1

- 5) Connect fan ground cable to ground lug. Refer to wiring diagram.
- 6) Slide the thermodisc/cover assembly into the bracket clip on the underside of the firebox. Check that no wire will touch the hot surfaces. Diagram 2.

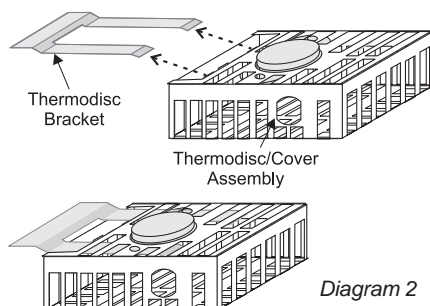


Diagram 2

- 7) Attach the Fan control box to the Burner ON/OFF control box.



Use the clip & hook on the side of the control boxes to join them together.

- 8) Secure the two boxes together with one screw.



- 9) Position the control box assembly on the bottom louver and mark the position of the slot on the right side bracket.



Hold control box assembly in place and mark the position of the right side slot

- 10) Remove the control box assembly and push the hold-down clip onto the louver. Bend the tab until it is at 90° to the louver.



- 11) Attach the two control boxes to the bottom louver and tighten the 2 screws on the left side and 1 screw on the right side.



Secure left side with 2 screws.



Secure right side with one screw.

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

- 13) Plug the fan power cord into the rear end of the receptacle box to provide the maximum clearance from the louvers.

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

OPERATING INSTRUCTIONS

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

FIRST FIRE

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

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

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

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

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

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

LIGHTING PROCEDURE

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

- 1) Press and release on ON/OFF button once on the remote control or ON/OFF switch.
- 2) After approximately 4 seconds the spark ignition system will spark for 60 seconds to light the main burner.
- 3) The unit will turn on.

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

The system will need to be reset as follows:

- a) Turn the system off using ON/OFF switch or press ON/OFF button - if using optional remote.
- b) After approximately 2 seconds turn on ON/OFF switch or press ON/OFF button if using optional remote.
- c) Repeat step 2.

SHUTDOWN PROCEDURE

- 1) Turn the wall mounted switch or remote to the "OFF" position.
- 2) Press "OFF" on the remote control.
- 3) Turn the gas control knob to the "OFF" position to turn off the pilot.

AERATION ADJUSTMENT

The air shutter can be adjusted by moving the adjusting wire up or down. The wire is accessed through the bottom 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:
3/16" Natural Gas
1/2" Propane

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.



Adjustment wire: Push to close or pull to open aeration cap.

Closed - Tall yellow
Open - Short Blue

OPERATING INSTRUCTIONS

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.	
WARNING: If you do not follow these instructions exactly, a fire or explosion may result causing property damage, personal injury or loss of life. Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to the owner's information manual provided with this appliance. For assistance or additional information consult a qualified installer, service agency or gas supplier. AVERTISSEMENT: Quiconque ne respecte pas à la lettre les instructions dans la présente notice risquée déclencher un incendie ou une explosion entraînant des dommages, des blessures ou la mort. Une installation, d'ajustement, de modification, de service ou d'entretien peut provoquer des blessures ou des dommages matériels. Reportez-vous au manuel du propriétaire de l'information fournie avec cet appareil. Pour obtenir de l'aide ou des informations supplémentaires consulter un installateur qualifié, une agence de service ou fournisseur de gaz.	
A) This appliance is equipped with an ignition device which automatically lights the pilot. Do not try to light the pilot by hand.	
B) BEFORE OPERATING smell all around the appliance area for gas. Be sure to smell next to the floor because some gas is heavier than air and will settle on the floor. WHAT TO DO IF YOU SMELL GAS - Do not try to light any appliance. - Do not touch any electric switch, do not use any phone in your building. - Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions. - If you cannot reach your gas supplier, call the fire department. C) Do not use this appliance if any part has been under water. Immediately call a qualified service technician to inspect the appliance and replace any part of the control system and any gas control which has been underwater.	
A) Cet appareil est muni d'un dispositif d'allumage qui allume automatiquement la veilleuse. Ne tentez pas d'allumer la veilleuse manuellement.	
B) AVANT DE FAIRE FONCTIONNER , reniflez tout autour de l'appareil pour détecter une odeur de gaz. Reniflez près du plancher, car certains gaz sont plus lourds que l'air et peuvent s'accumuler au niveau du sol. QUE FAIRE SI VOUS SENTEZ UNE ODEUR DE GAZ : • Ne pas tenter d'allumer d'appareil • Ne touchez à aucun interrupteur; ne pas vous servir des téléphones se trouvant dans le bâtiment. • Appelez immédiatement votre fournisseur de gaz depuis un voisin. Suivez les instructions du fournisseur. • Si vous ne pouvez rejoindre le fournisseur, appelez le service des incendies	
C) N'utilisez pas cet appareil s'il a été plongé dans l'eau, même partiellement. Faites inspecter l'appareil par un technicien qualifié et remplacez toute partie du système de contrôle et toute commande qui ont été plongés dans l'eau.	
CAUTION: Hot while in operation. Do not touch. Severe Burns may result. Due to high surface temperatures keep children, clothing and furniture, gasoline and other liquids having flammable vapors away. Keep burner and control compartment clean. See installation and operating instructions accompanying appliance.	
LIGHTING INSTRUCTIONS	
1) Turn on ON/OFF switch 2) After approximately 4 seconds the spark ignition system will spark for 60 seconds to light the main burner. 3) The unit will turn on. Note: The first attempt to ignition will last approximately 60 seconds. If there is no flame ignition (rectification) the board will stop sparking for approximately 35 seconds. After this wait time, the board will start a second try for ignition by sparking for approximately 60 seconds. If there is still no positive ignition after the second attempt the board will go into lock out. The system will need to be reset as follows (after going into lock out mode): a) Wait 5 minutes - turn the system off using ON/OFF switch. b) After approximately 2 seconds turn on ON/OFF switch or press ON/OFF button if using optional remote. c) Unit will repeat step 2.	
1) Appuyez le bouton ON / OFF 2) Attendez 4 secondes. Le système d'allumage produira des étincelles pendant 60 secondes afin d'amorcer le brûleur principal. 3) Les flammes s'allumeront. Remarque : Au premier allumage, le système tente d'allumer les flammes pendant 60 secondes. Si l'essai est infructueux, le système fait une pause de 35 secondes. C'est ce qu'on appelle l'étape de rectification. Ce délai écoulé, le système tente à nouveau d'allumer les flammes en produisant des étincelles pendant 60 secondes. Si les flammes ne s'allument toujours pas, le système se met en mode verrouillage. Il faut alors le réinitialiser en suivant les étapes ci-dessous (pour le déverrouiller) : a) Attendez 5 minutes et éteindre l'appareil en réglant l'interrupteur à la position « OFF »; b) Attendez 2 secondes et rallumer le système à l'aide de l'interrupteur ou de la télécommande. c) L'unité répétera l'étape 2.	
TO TURN OFF GAS APPLIANCE	
1) Turn off ON/OFF switch 2) If service is to be performed - you must disconnect power to the unit, from the battery pack, refer to manual. 1) Appuyez sur le bouton ON / OFF 2) Si le service est effectuée, vous devez débrancher l'appareil, du bloc-piles, voir le manuel d'instruction pour plus de détails.	
DO NOT REMOVE THIS INSTRUCTION PLATE	
918-628b	

MAINTENANCE INSTRUCTIONS

- 1) Always turn off the gas 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 any part of the control system and any gas control which has been under water.
 - 7) Verify operation after servicing.

GENERAL VENT MAINTENANCE

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

- 1) Check the Venting System for corrosion in areas that are exposed to the elements. These will appear as rust spots or streaks, and in extreme cases, holes. These components should be replaced immediately.
- 2) Remove the Cap, and shine a flashlight down the Vent. Remove any bird nests, or other foreign material.

- 3) Check for evidences of excessive condensation, such as water droplets forming in the inner liner, and subsequently dripping out the joints. Continuous condensation can cause corrosion of caps, pipe, and fittings. It may be caused by having excessive lateral runs, too many elbows, and exterior portions of the system being exposed to cold weather.
- 4) Inspect joints, to verify that no pipe sections or fittings have been disturbed, and consequently loosened. Also check mechanical supports such as Wall Straps, or plumbers' tape for rigidity.

GOLD-PLATED & BRASS LOUVERS OR TRIM

The 24 carat gold plated or brass finish on the trim requires little maintenance, and need only be cleaned with a damp cloth. DO NOT use abrasive materials or chemical cleaners, as they may harm the finish and void the warranty. **Clean any fingerprints off before turning the unit on. If the top louvers start to discolour, check the door gasket seal and replace if necessary.**

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.

THERMOCOUPLE

- 1) Open the bottom louvers.
- 2) Loosen the thermocouple 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 down from the bracket and pull it out of the unit.
- 5) Reinstall the new one in reverse order.

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).

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.

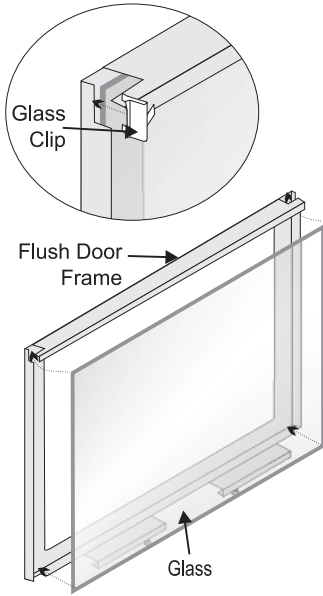
WARNING: Do not operate the appliance with the glass panels removed, cracked or broken. Replacement of the glass panels should be done by a licensed or qualified service person.

CAUTION: Wear gloves when removing damaged or broken glass.

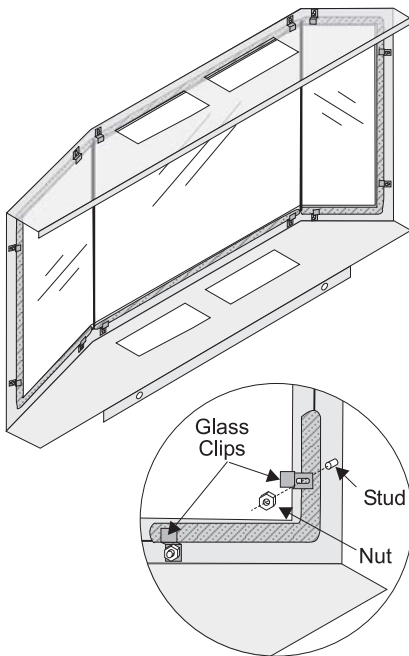
FLUSH GLASS REPLACEMENT

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.**

MAINTENANCE



- 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.



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 screws and then lift the burner assembly out.

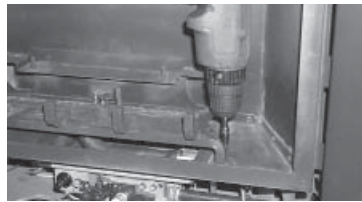
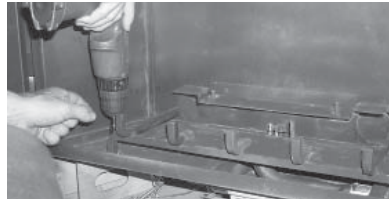
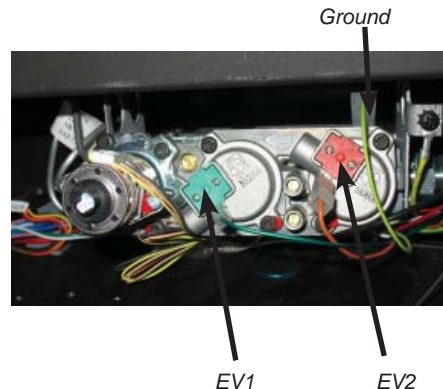


Diagram 1: Remove the left and right screws and then lift out the burner/grate assembly.

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



- 8) Remove the rear log stand by removing the 2 screws.
- 9) Remove the 10 screws securing the valve tray assembly in place (Diagram 2) and then lift the entire assembly out (Diagram 3).

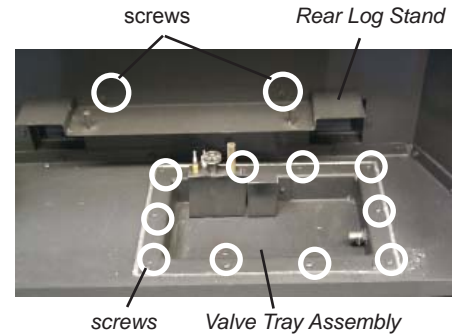
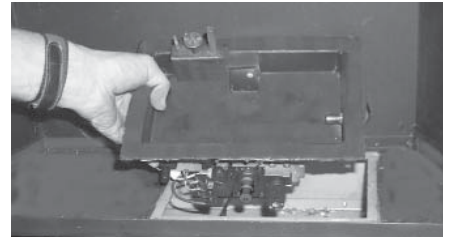


Diagram 2: Rear Log Stand and Valve Tray Assembly

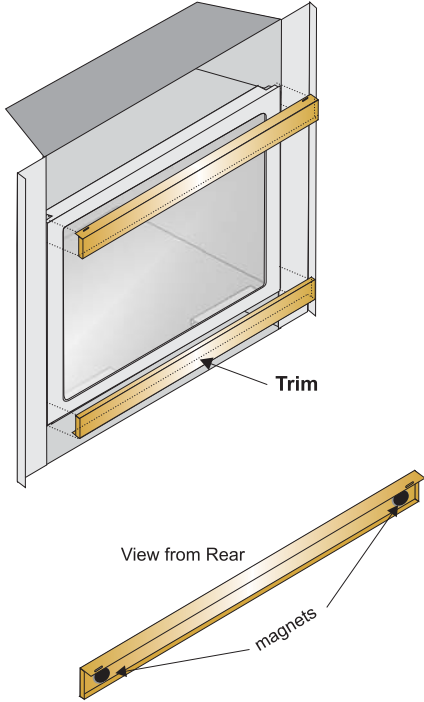
- 10) Lift out valve tray.



- 11) Replace with a new a valve tray assembly and reverse steps 9 - 1.

FLUSH TRIM

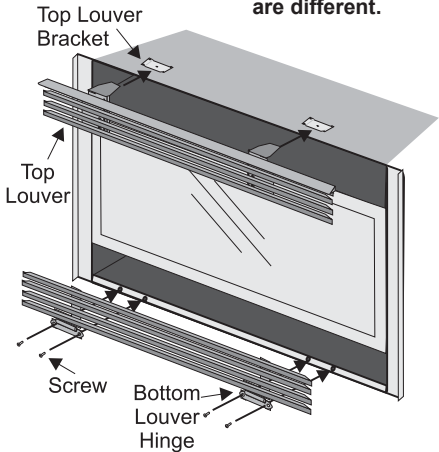
Attach the round magnets to the back of the top trim piece and to the bottom trim piece, then attach trim to the top and bottom of flush door.



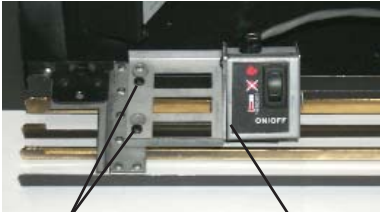
FLUSH LOUVERS

- 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.

Note: Top and bottom louvers are different.



- 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.



DOUBLE SCREEN DOOR

- 1) Pull out the top louver.
- 2) Center the screen door and hook over the flush door.



- 3) Open the screen door(s) and secure the screen door to the flush door front with 2 clips on the bottom left and right side.



Clip installed on right side.

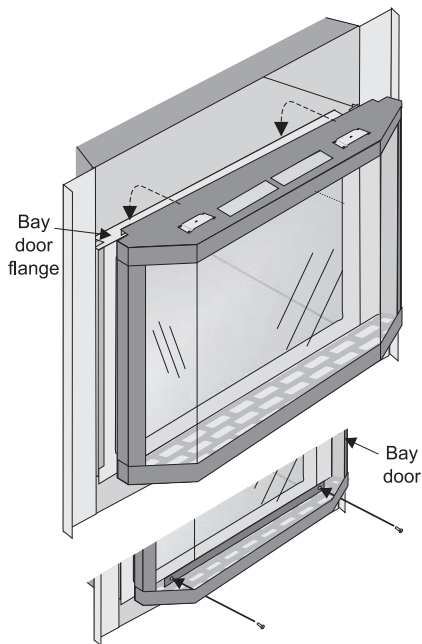
REGENCY® OPTIONS

BAY DOOR

The Bay louvers *MUST* be used with the Bay door option.

The optional Bay door is an overlay on the flush front. The standard flush door and glass must remain on the unit.

- 1) Hook the top of the bay door over the flush door flange and swing the bottom against the bottom flange of the flush door.
- 2) Secure to the flush door bottom bracket with 2 screws provided.

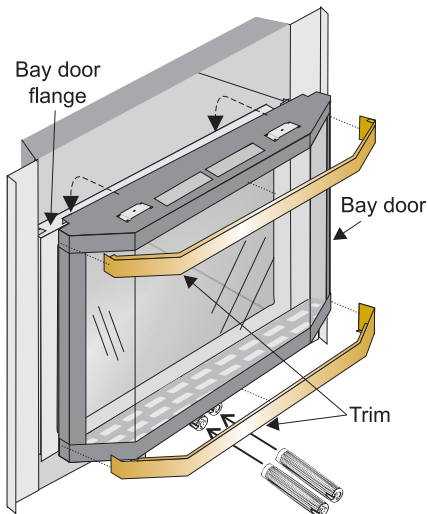


- 5) Slide the valve extension knobs onto the valve knobs.

Note: If any maintenance etc. must be done in the firebox, first remove the Bay louvers and door.

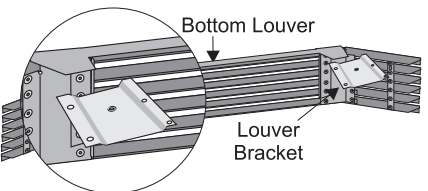
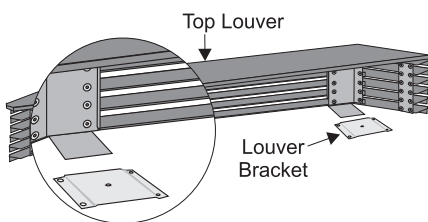
BAY TRIM

Attach 4 supplied magnets each to the back of the top and bottom trim pieces, and attach trim to the top and bottom of Bay door.

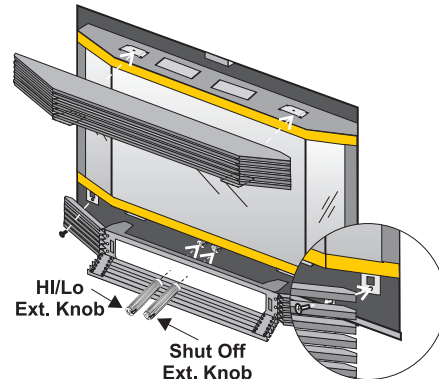


BAY LOUVERS

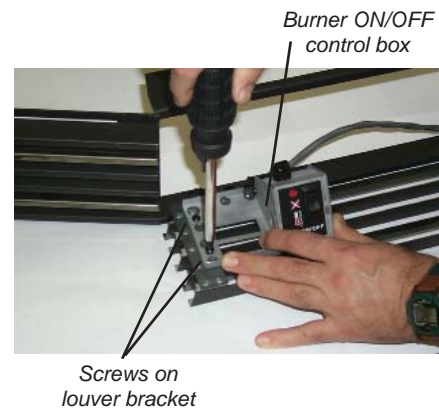
- 1) Install top louver by sliding the two bracket clips into the brackets located on top of the bay door. See below. The fitted louver leaves a small gap between faceplate bottom and louver top.



- 2) Install bottom louver by sliding the two bracket clips into the brackets located underneath the bay door. Secure with 1 screw into each Bottom Louver Mounting Bracket as per diagram below. Use the bottom hole in the bracket.



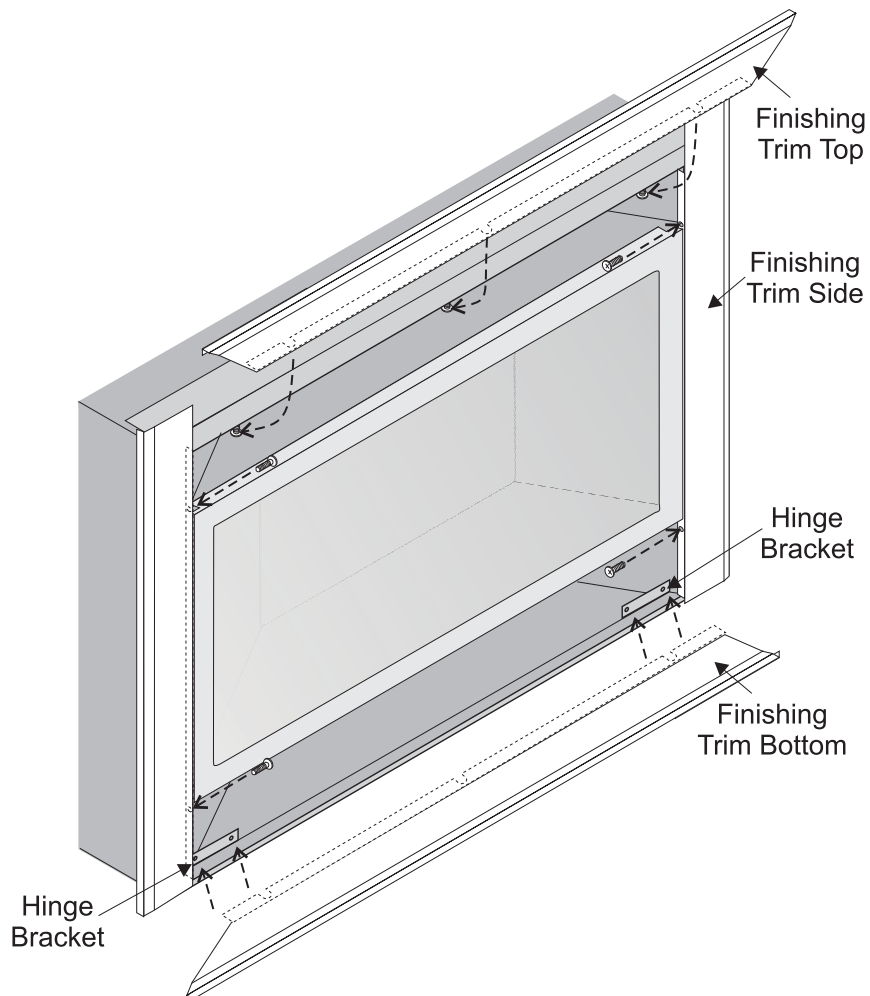
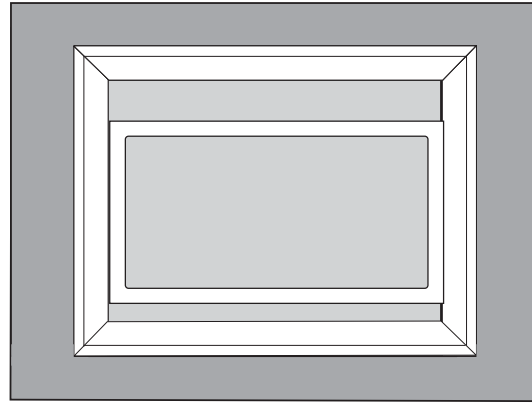
- 3) Slide the valve extension knobs onto the valve knobs. Match the correct ext. knob with the valve knob.
- 4) Open the bottom louver. Pull the Burner ON/OFF control box from inside the bottom of the fireplace and position the slots in the bracket over the 2 screws on the left side of the bottom louver. Push down to lock into place. Tighten the screws.



FINISHING TRIM

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.



REGENCY® OPTIONS

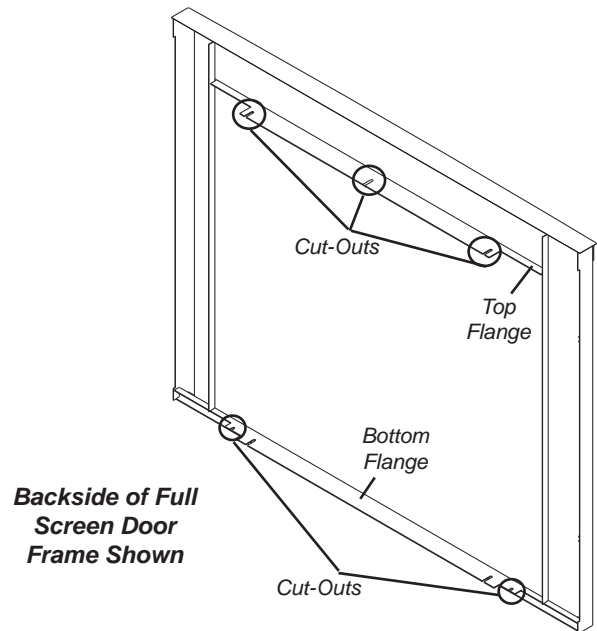
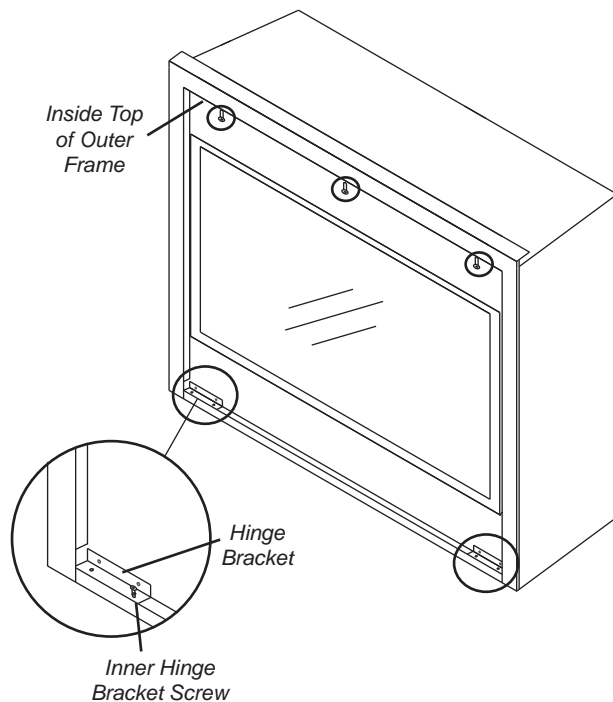
FULL SCREEN DOORS INSTALLATION

1) Before beginning the installation, remove the Screen Doors from the Full Screen Door Frame by fully opening the doors and lifting up off of the hinges. See important note in step 7.

2) Full Screen Door Frame Installation

a) Before attaching the Full Screen Door Frame to the unit, loosen the 3 x #8 Philips Head Screws located on the inside top of the outer frame of the appliance. And remove the center screw.

Also loosen the #8 Philips Head Screw on the inner side of each hinge bracket as shown below.

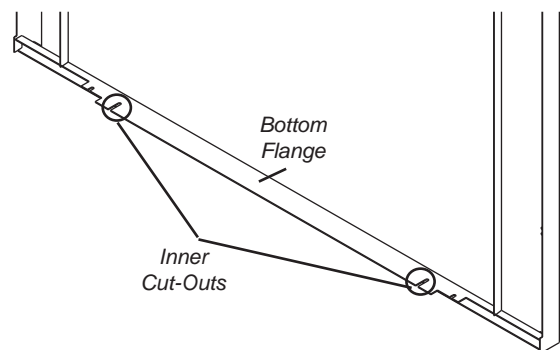
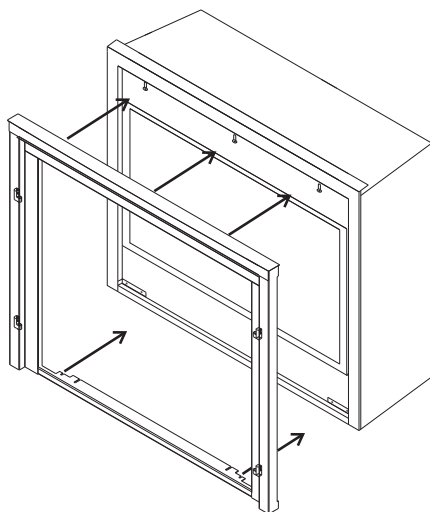


NOTE: Should the finished wall protrude beyond the face of the unit, you can accommodate up to 1/2" depth.

Simply push in the Full Screen Door Frame until it aligns against the finished wall. Secure Top Flange of Full Screen Door Frame as described in step 2.

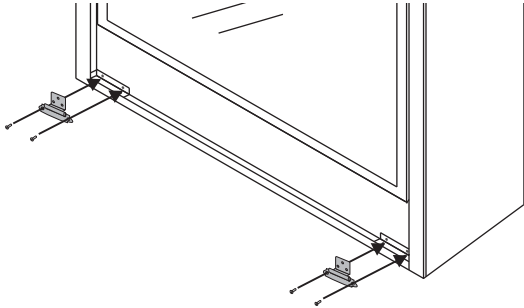
For the Bottom Flange of the Full Screen Door Frame, push the bottom of the Frame until it aligns with the wall. Use the inner cut-outs to secure the base of the Frame using the 2 x Hex Head Drill Point Screws provided.

b) Slide the cut-outs in the Top and Bottom Flange of the Full Screen Door Frame under the screw heads which were loosened in step 2a. Once the Frame is in place, tighten screws to secure.

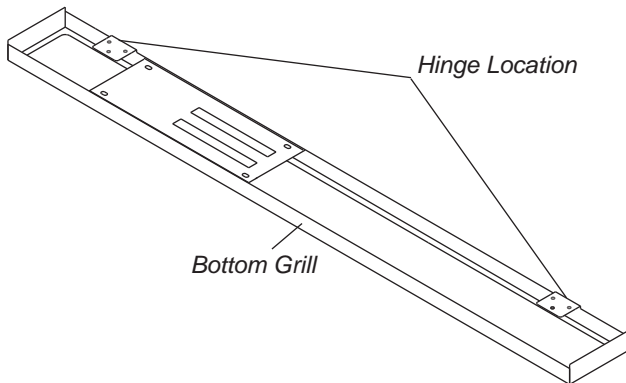


REGENCY® OPTIONS

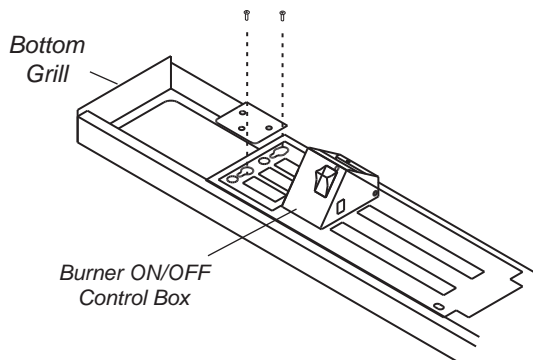
- 3) Install the hinges to the hinge brackets on the left and right side of the bottom of the outer frame, secure using 2 x #8 Philips Head Screws per hinge.



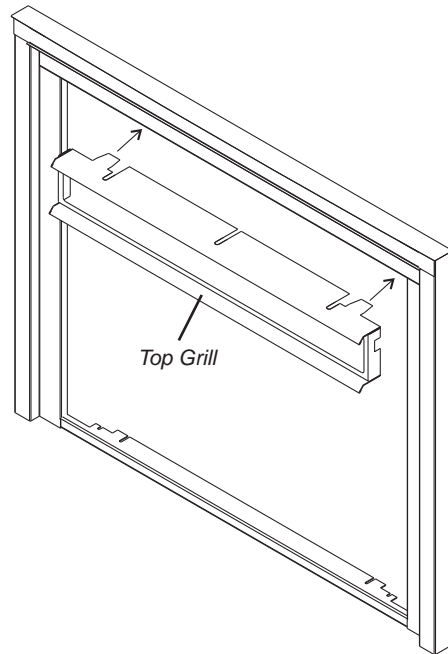
- 4) Place the Bottom Grill near hinge. Flip the hinge over the Bottom Grill and secure with 3 x #8 Philips Head Screws per side.



- 5) Mount the Burner ON/OFF Control Box to the left side of the Bottom Grill using 2 x #8 Philips Head Screws.

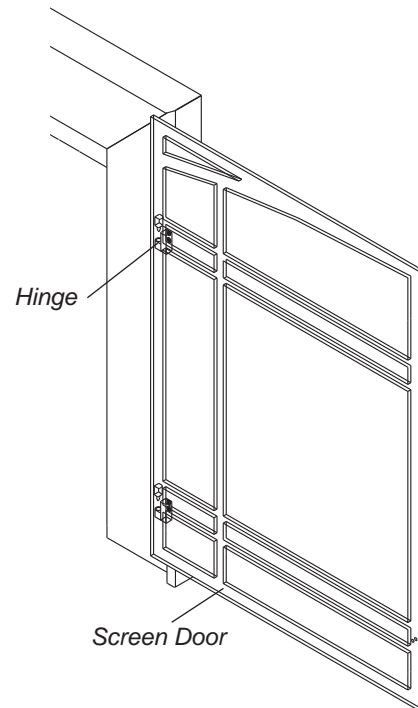


- 6) Slide the Top Grill into the louver brackets located on the inside top of the firebox. Push in place.



- 7) Install the Left and Right Side Screen Doors in the fully open position by placing over top of the hinges on the Full Screen Door Frame.

NOTE: Failure to install the doors in the fully open position could result in paint damage to the surface of the door.



- 8) Close screen doors.

TRIPOLI SCREEN DOOR

When installing the optional Tripoli Screen Door Series, a non-combustible material 12" (305mm) above the unit and 6" (153mm) on each side must be used (see Diagram 1).

The Tripoli Screen Door Series **also requires steel stud framing** above and on each side of the unit (refer to Diagram 1).

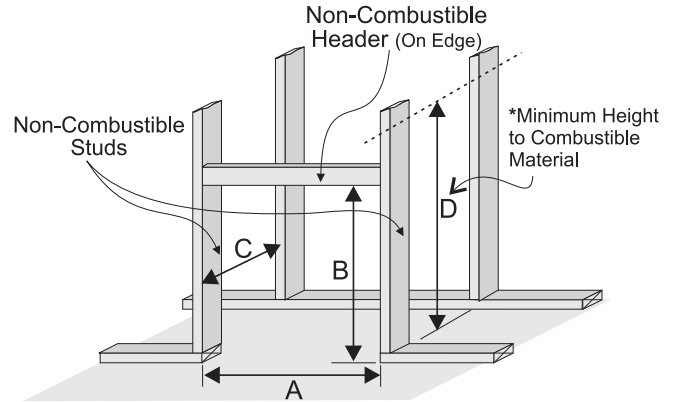
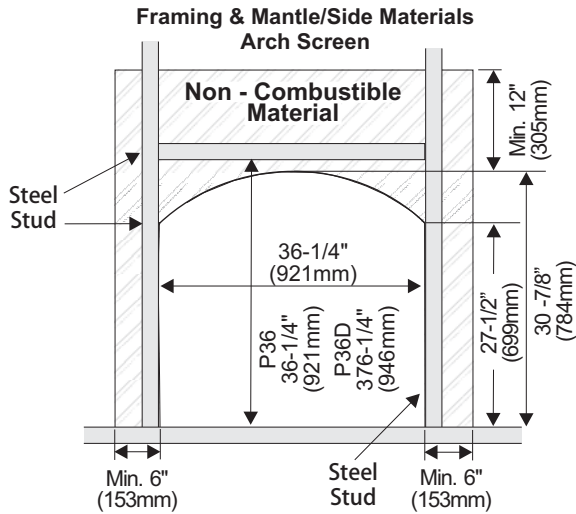
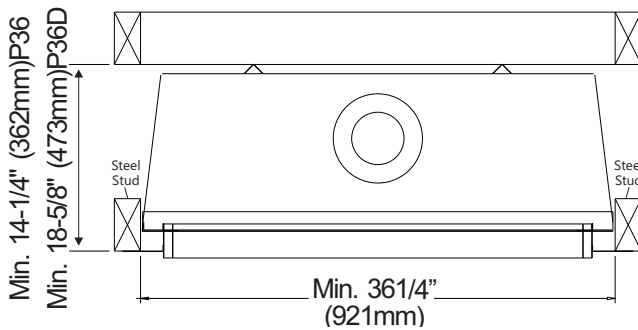
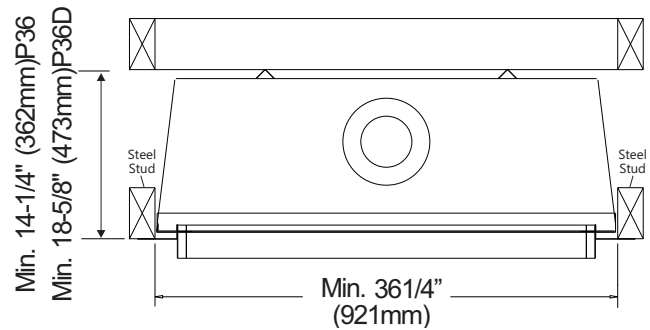


Diagram 1



Option #1:
Fireplace with 1-1/2" (38mm) Facing Material



Option #2:
Fireplace with 1" (25mm) Facing Material

INSTALLATION NOTE:

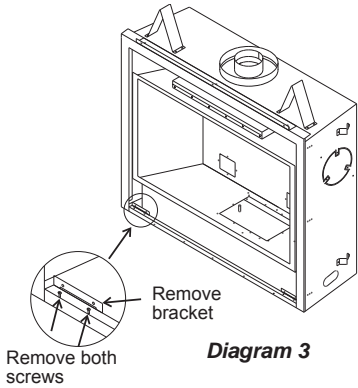
The hearth material must be brought past the Tripoli frame all the way to the unit face, so there will be no gap between the face and the actual fireplace.

OPTIONS	FRAMING DIMENSIONS			
	P36E			
	A	B	C	D
1	36-1/4" (921mm)	36-1/4" (921mm)	14-1/4" (362mm)	46" (1168mm)
2	36-1/4" (921mm)	36-1/4" (921mm)	13-3/4" (349mm)	46" (1168mm)

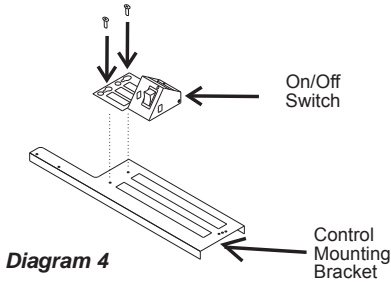
* 'D' is Minimum height to combustible materials including the Minimum 2" (51mm) Top clearance to the Horizontal Vent.

Note: The facing material has to go on after the unit is set.

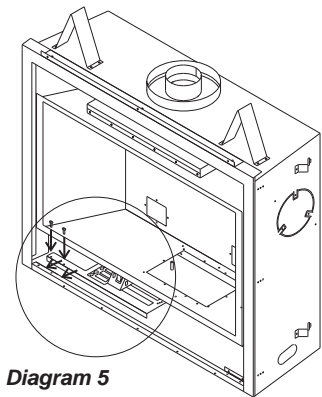
- 1) Remove Glass Door. Refer to P36E Manual.
- 2) Remove 2 screws and bracket as indicated (refer to Diagram 3).



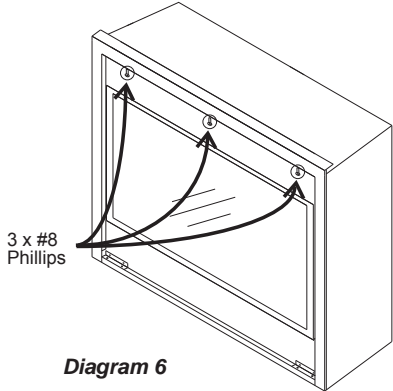
- 3) Install On/Off switch (refer to Diagram 4).



- 4) Place bracket under the Flange. Secure with 2 screws as indicated in Diagram 5.

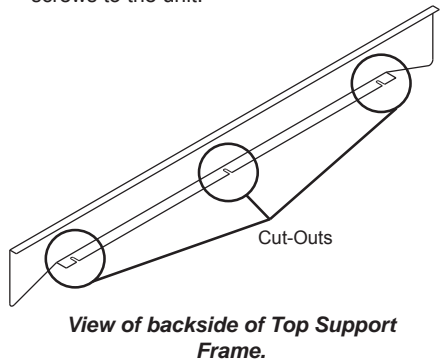


- 5) Loosen the 3 x #8 Phillips Head Screws located on the inside top of the outer frame of the appliance (refer to Diagram 6).



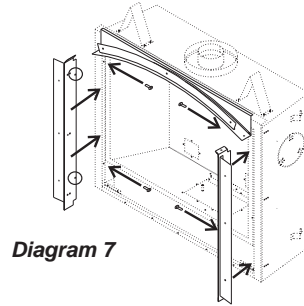
- 6) Install Top Support Frame

Slide in the Top Support Frame using the slots as a guide. Secure and re-tighten the screws to the unit.



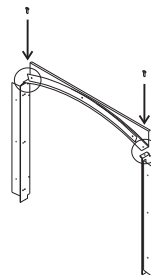
- 7) Side Support Frame

- a) Mount Side Support Frame to unit as shown in Diagram 7, then secure with 2 screws on each side.
- b) Repeat step on the other side.

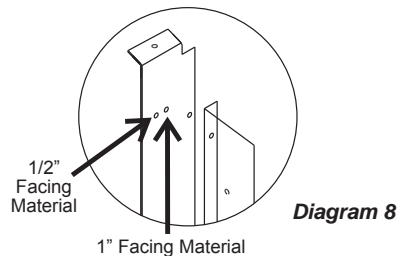


- 8) Attach Top and Side Support Frame

- a) Ensure the Side Supports are aligned with the corresponding hole on the Top Support Frame, then secure with 1 screw.
- b) Repeat step on the other side.



Note: The Nailing Strips can be adjusted, depending on the facing material (as indicated in Diagram 8).



- 9) Optional

Install Optional 3-Panel Arch Door. (Refer to Install 3-Panel Arch Door Instruction Sheet).

- 10) Change in Logo

Replace existing logo with Regency logo.

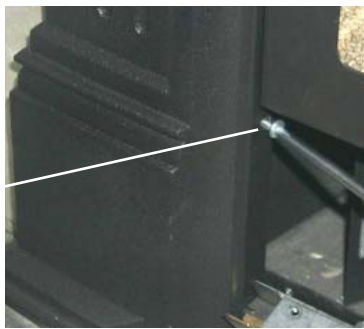
HAMPTON® OPTIONS

HAMPTON® CAST FACEPLATE

- 1) Remove top louver.
- 2) Open bottom louver.
- 3) Install the left side faceplate by pushing in at the side of the firebox and line up with top and bottom holes on side. Secure with screws, tighten loosely.



Secure top of faceplate with screw.



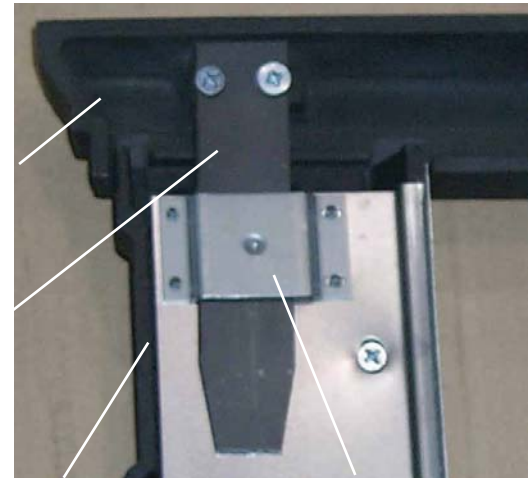
Secure bottom of faceplate with screw.

- 4) Repeat step 3 for the right side faceplate.

NOTE: Do not push in side faceplates all the way, allow for room to place the top faceplate.

- 5) Slide top piece of faceplate into side faceplates by fitting mounting plates into brackets.

(Back View)



Top piece Faceplate

Mounting Plate

Side piece Faceplate

Bracket on back of side faceplate.

- 6) Push in both side faceplate pieces and completely tighten screws.
- 7) Re-install top louver.
- 8) Close bottom louver.



HAMPTON® CAST GRILLS

- 1) Remove the 3 faceplate mounting phillips head screws from the inside top of firebox, and discard if necessary.



- 2) Place top grill in brackets located inside top of firebox as shown.



Bracket inside top of firebox.



- 3) Remove hinge brackets on bottom left and right side of firebox by removing 2 screws and discard brackets only.



Hinge bracket. Left side shown.

- 4) Install new hinge brackets using the same 2 screws removed in step 3.



New hinge bracket. Left side shown.

- 5) Install hinge to bracket then secure with screw.



- 6) Place something underneath bottom grill to prevent scratching.

- 7) Line up hinge holes in bottom grill holes.

- 8) Place screws half way in -- do not secure completely.



- 9) Place bracket over screws then push to the side against faceplate to lock in place as per diagram.



- 10) Tighten screws. (Screws will easily be tightened if using a stubby screwdriver.)

Black Metallic Grills Only: Mount grill stopper to bottom of firebox securing with one screw.



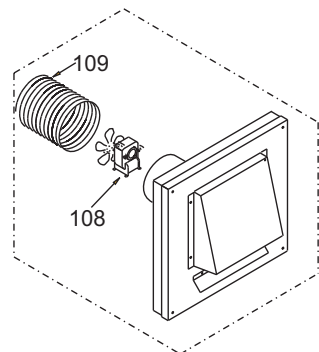
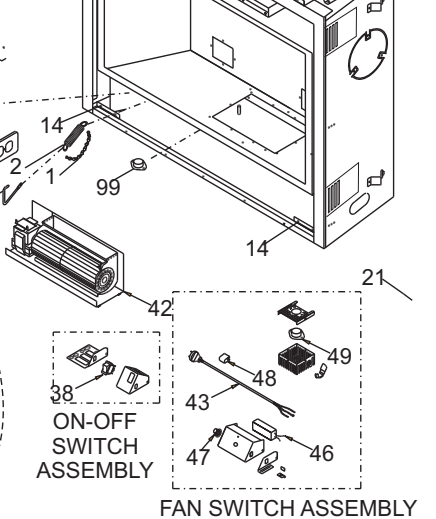
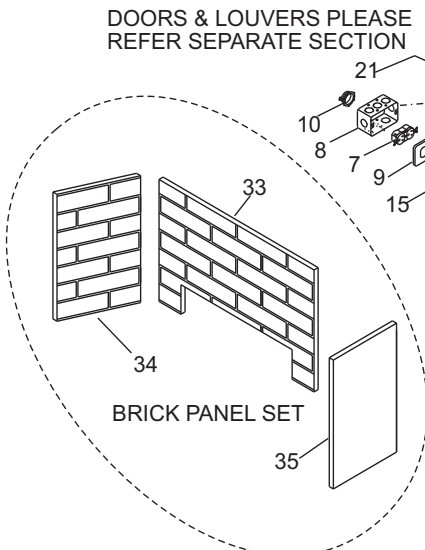
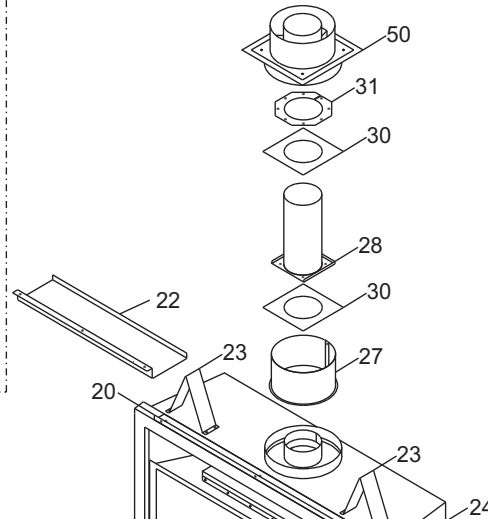
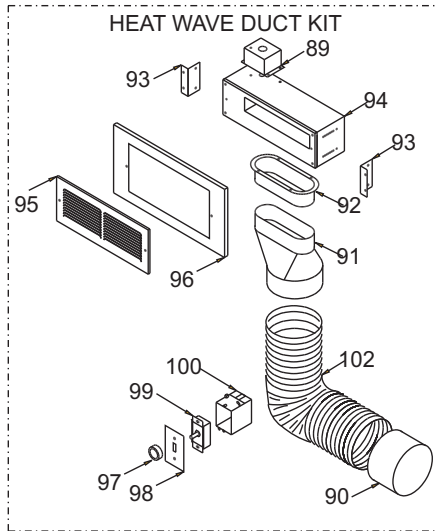
- 11) Adjust ball plunger if necessary.

PARTS LIST

MAIN ASSEMBLY

Part #	Description	Part #	Description	Part #	Description
1)	948-045 Chain	31)	* Flue Mounting Plate	42)	910-331/P Fan Motor (120 V)
2)	948-025 Spring			432-966	Fan Switch Assembly (120 Volts) (Optional)
7)	910-428 Duplex Receptacle	513-901	Brick Panel Set - Standard Brown	43)	910-813 Power Cord (120 Volts)
8)	910-429 Box - Receptacle	513-902	Brick Panel Set - Standard Red	46)	910-330 Fan Speed Control Switch
9)	910-430 Cover - Receptacle	513-903	Brick Panel Set - Herringbone Brown	47)	904-586 Knob - Speed Control
10)	904-687 Clamp Connector			49)	910-142 Thermodisc - Fan Auto On/Off
14)	510-026 Hinge Bracket - Left/Right			904-713	U-clip at louver
15)	948-253 Door Handle	33)	* Brick Panel - Back	50)	510-994 Rigid Pipe Adaptor
20)	510-033 Top Nailing Strip	34)	* Brick Panel - Left		
22)	510-153 Baffle Plate	35)	* Brick Panel - Right	946-556	Heat Wave Duct Kit (Optional)
23)	510-011F Standoff - Top			89)	946-004 Junction Box
24)	511-044 Standoff - Side/Back	38)	910-241 Switch - Burner On/Off	90)	946-000 Round Duct Adaptor
27)	* Outer Flue Collar		910-899 Wire Harness-Valve to Burner	91)	946-002 Round to Oval Adaptor
28)	* Inner Flue Collar Assy		432-917 Fan Assembly 120V (Optional)	92)	946-001 Oval Duct Adaptor
30)	* Gasket for Flue Collar			93)	946-007 Angle Bracket
				94)	946-517/P Fan Assembly - Heat Wave
				95)	946-006 Grill Plate - White
				96)	946-005 Wall Adaptor Plate - White
				97)	910-417 Knob - White
				98)	910-366 Switch Cover Plate - White
				99)	910-412 Fan Speed Controller
				100)	910-367 Box - Plastic Switch Receptacle
				102)	946-010 Flexible Air Duct
				946-038	Insulation 6" Dia. x 24"
				946-570	Heat Release Duct Kit (Optional)
				108)	910-165 Fan (120 V)
				109)	946-000 Flexible Air Release Duct
				918-852	Manual
				514-969	Conversion Kit - NG to LP

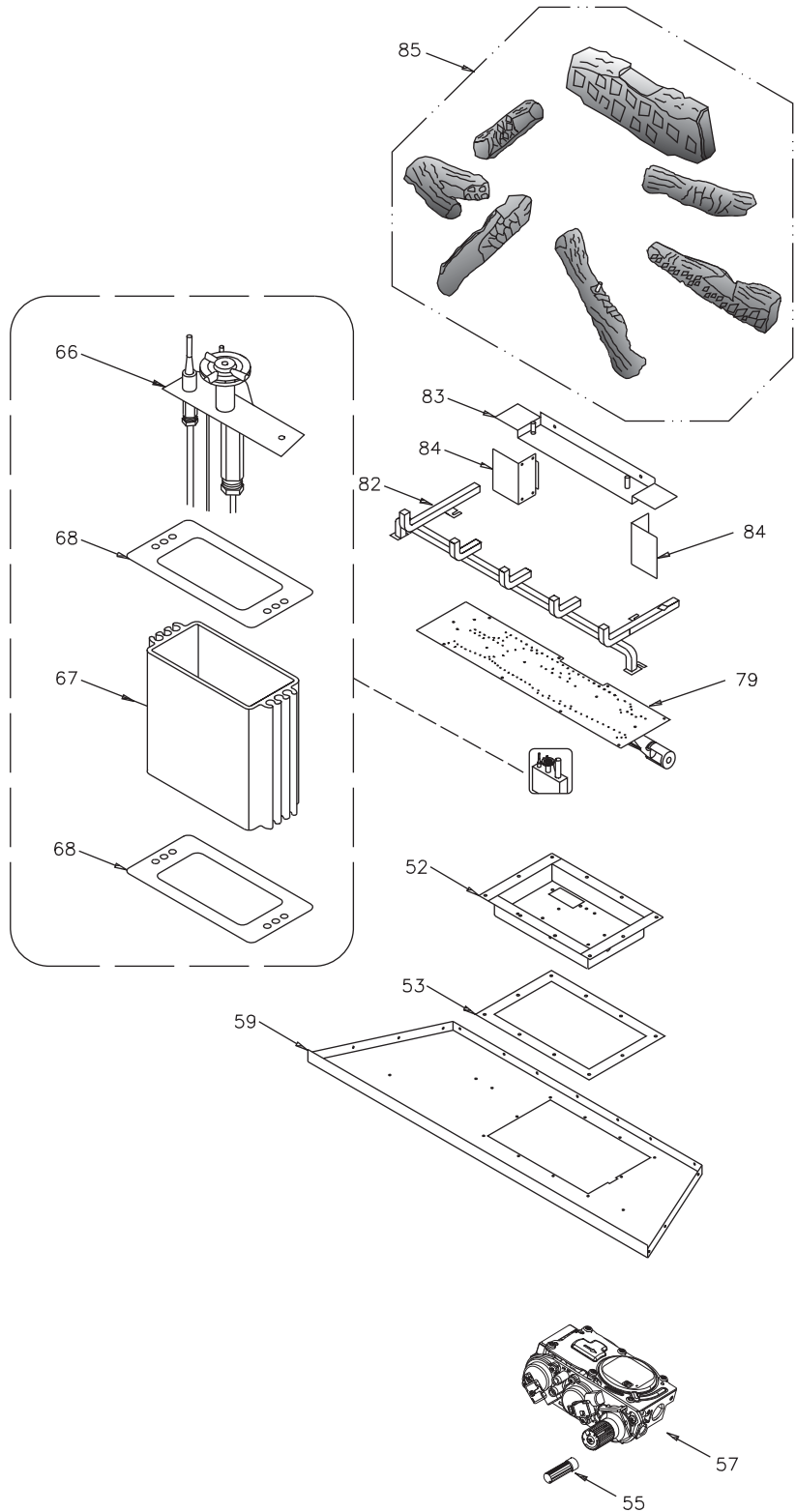
*Not available as a replacement part.



BURNER ASSEMBLY & LOG SET

Part #	Description
513-574E/P	Valve Assy - Natural Gas
513-576E/P	Valve Assy - Propane
52) *	Valve Tray - NG/LP
53) 430-055	Gasket - Valve Access Plate
55) 910-422	HI/LOW 3" Extension Knob
57) 911-004	886 SIT Valve - NG
911-005	886 SIT Valve - LP
58) *	Valve Bracket
59) *	Firebox Base
66) 911-006	Pilot Assy - S.I.T. IPI NG 2 Flame
911-007	Pilot Assy - S.I.T. IPI LP 2 Flame
67) *	Pilot Holder
68) W840470	Pilot Assembly Gasket
904-240	Orifice #37 - Natural Gas
904-390	Orifice #52 - Propane
936-170	Orifice Gasket
910-036	Pilot Orifice NG
910-037	Pilot Orifice LP
79) 512-535	Burner Assy
82) 511-030	Burner Grate Assy
83) 430-101	Rear Log Support Bracket
84) *	Deflector
85) 512-930	Log Set

*Not available as a replacement part.

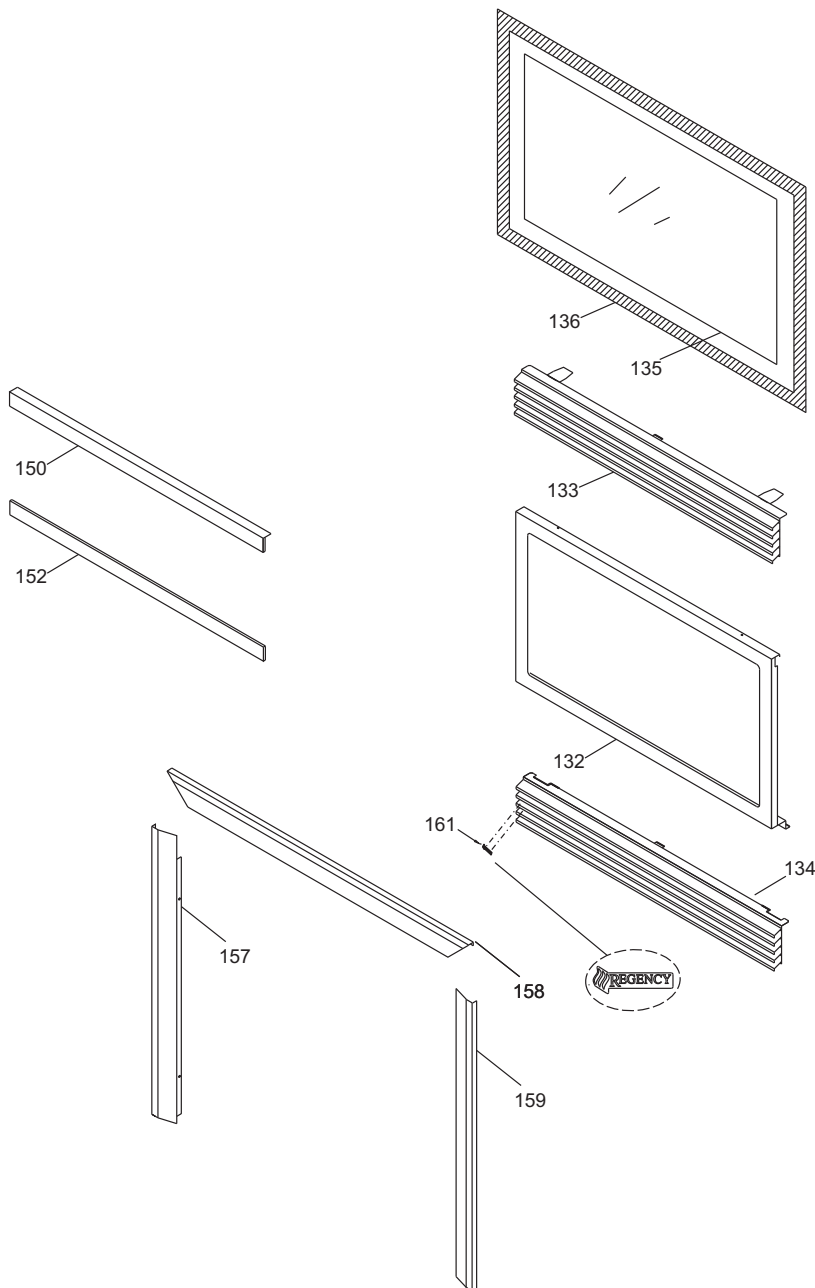


PARTS LIST

REGENCY® FLUSH FRONT ACCESSORIES

Part #	Description	Part #	Description
132)	512-518 Flush Door Assembly	150) *	Flush Glass Trim-Gold
	510-920 Flush Louvers - Gold/Black	904-196	Magnet (1" round)
	510-922 Flush Louvers - Black	510-947	Flush Glass Trim - Steel (Set)
	510-923 Flush Louvers - Steel/Black	152) *	Flush Glass Trim
133) *	Flush Louver Assy-Top	904-196	Magnet
134) *	Flush Louver Assy-Bottom	510-986	Finishing Trim - Black
135) 940-090/P	Glass (Flush)	157) *	Finishing Trim Left
136) 936-155	Glass Gasket (Tadpole)	158) *	Finishing Trim Top
904-691	U-Clip	159) *	Finishing Trim Right
		161) 948-216	Regency® Logo Plate

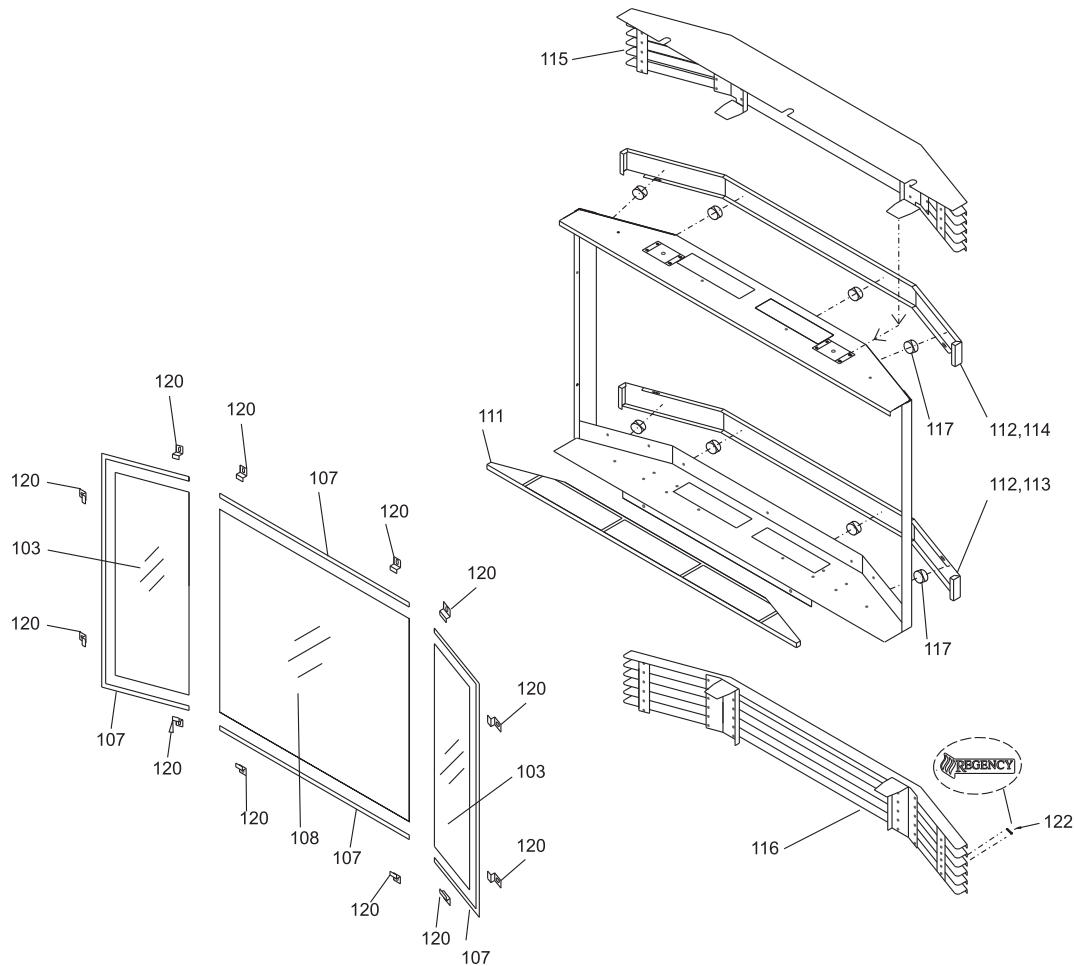
*Not available as a replacement part.



REGENCY® BAY FRONT ASSEMBLY

Part #	Description	Part #	Description
780-931	Bay Front Complete	112) *	Bay Front Trim - Top/Bottom
103) 940-092/P	Side Glass	780-934	Bay Door Trim - Gold
107) 936-243	Glass Gasket	113) *	Bay Door Trim-Gold-Bottom
108) 940-094/P	Center Glass	114) *	Bay Door Trim-Gold-Top
		510-988	Bay Louvers - Black
		510-990	Bay Louvers - Gold/Black
		510-993	Bay Louvers - Steel/Black
		115) *	Bay Louver Assy-Top
		116) *	Bay Louver Assy-Bottom
		117) 904-196	Magnet (1" round)
		120) *	Flush Glass Retainer Bracket
		122) 948-216	Regency® Logo Plate

*Not available as a replacement part.



PARTS LIST

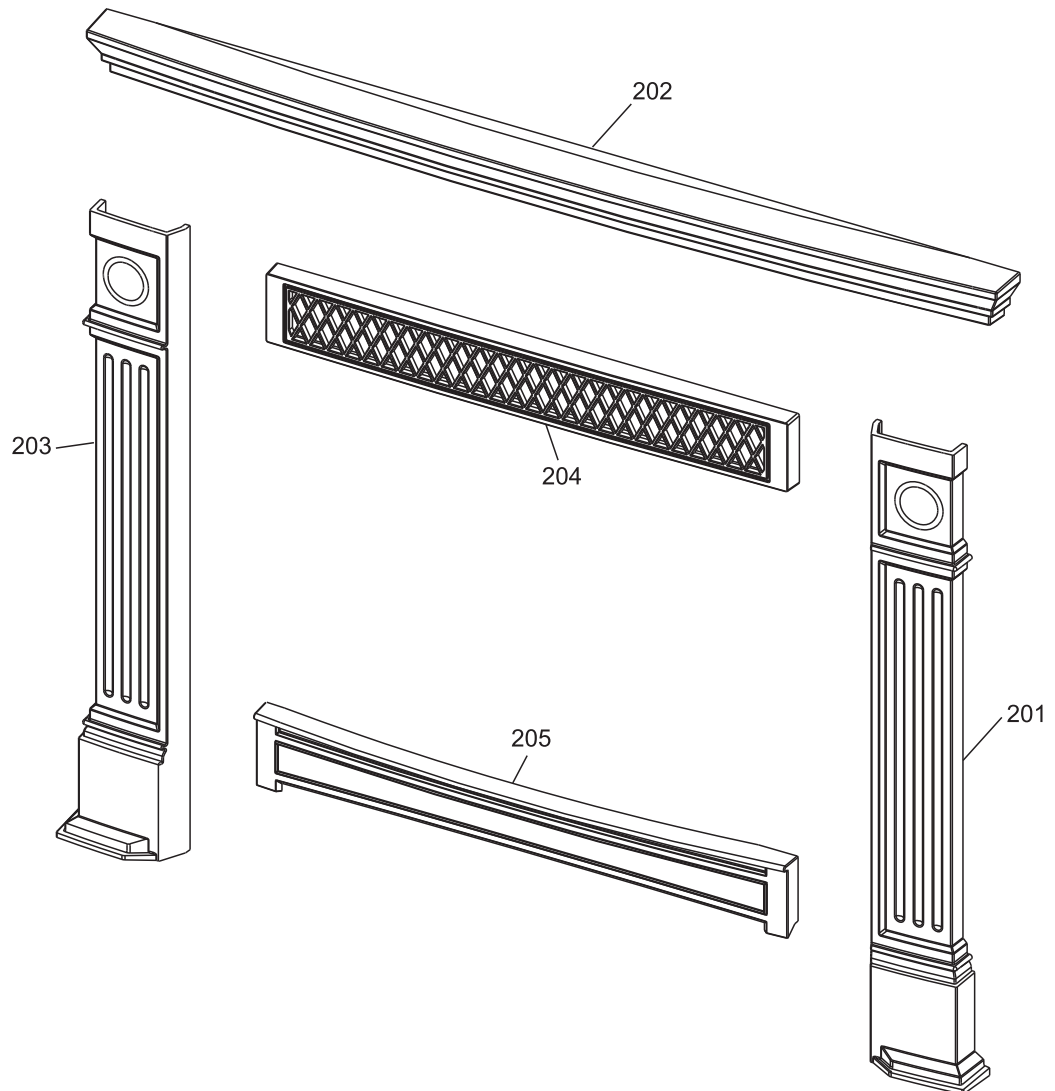
HAMPTON CAST FACEPLATE & GRILL ASSEMBLY

Part #	Description
513-971**	Cast Faceplate (Set)
201)*	Cast Faceplate - Right
202)*	Cast Faceplate - Top
203)*	Cast Faceplate - Left
513-981**	Cast Grills (Set)
204)*	Top Grill
205)*	Bottom Grill

*Not available as a replacement part.

** Last digit of part number represents colour:

1=Black Metallic, 5=Enamel Brown





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/pans, 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. finger prints, etc applied after the purchase of the product. Damage from the use of abrasive cleaners is not covered by warranty.

Electrical and mechanical components such as blowers, switches, wiring, thermoscs, 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. 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.: _____