Owners & Installation

Manual

REGENCY® FIREPLACE PRODUCTS

P33 Gas Log Fireplace

Models: P33NG3-R
P33LPG3-R

PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

WARNING:
Improper installation, adjustment, alteration, service or maintenance can cause injury or property damage. Refer to this manual. For assistance or additional information consult an authorised installer, service agency or the gas supplier.

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

Installation and service must be performed by an authorised 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.**

LISTINGS AND CODE APPROVALS

These gas appliances have been tested in accordance with AS4553, NZS 5262 and have been certified by the Australian Gas Association for installation and operation as described in these Installation and Operating Instructions.

Your unit should be serviced annually by an authorised service person.

918-537c 01/03/14

TO THE NEW OWNER:

Congratulations!
You are the owner of a state-of-the-art Gas Log Fireplace by FPI FIREPLACE PRODUCTS INTERNATIONAL. The P33 has been designed to provide you with all the warmth and charm of a wood fireplace at the flick of a switch. The model P33 has been approved by the Australian Gas Association for both safety and efficiency. As it also bears our own mark, it promises to provide you with economy, comfort and security for many trouble free years to follow. Please take a moment now to acquaint yourself with these instructions and the many features of your Regency® Fireplace.

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DATA BADGE

This is a copy of the label that accompanies each P33 Gas Fireplace. We have printed a copy of the contents here for your review.

DATA BADGE NOTE: Regency® units are constantly being improved. Check the label on the unit and if there is a difference, the label on the unit is the correct one.

Regency Gas Fireplace

Model	○	○	○
Gas Type	**NG**	**LPG**	**ULPG**
Model	**P33-NG**	**P33-LPG**	**P33-ULPG**
Gas Consumption	23.7mj.	23.5mj.	20.3mj.
Manifold Pressure	0.95 kPa	2.61 kPa	2.40 kPa
Injector Size	1x#44 2.18mm	1x#54 1.4mm	1x#55 1.32mm
AGA Approval 6702 G Code AS4553			

Distributed by:

Western Australia:
Air Group Australia
28 Division St
Welshpool WA 6106

Eastern Australia:
Fireplace Products
Australia Pty. Ltd.
1 Conquest Way
Hallam, VIC 3803

To be installed by an authorised person in accordance with installation instructions provided with the appliance.

Electrical: 240VAC 50Hz 1.0 amp max.

✓ **N2134**

Serial Number 266

918-308d

DO NOT OPERATE THIS APPLIANCE BEFORE READING THE INSTRUCTIONS BOOKLET.
DO NOT PLACE ARTICLES ON OR AGAINST THIS APPLIANCE
DO NOT STORE CHEMICALS OR FLAMMABLE MATERIALS NEAR THIS APPLIANCE.
DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IN OPERATION.
DO NOT OPERATE WITH PANELS, COVERS OR GUARDS REMOVED FROM THIS APPLIANCE.
DO NOT ENCLOSE THIS APPLIANCE.
DO NOT MODIFY THIS APPLIANCE.

908-602a

○ **THE GUARD IS FITTED TO THIS APPLIANCE TO REDUCE THE RISK OR FIRE OR INJURY FROM BURNS AND NO PART OF IT SHOULD BE PERMANENTLY REMOVED.**

FOR PROTECTION OF YOUNG CHILDREN OR THE INFIRM, A SECONDARY GUARD IS REQUIRED.

(Australia Only)

IMPORTANT MESSAGE SAVE THESE INSTRUCTIONS

The P33-NG or P33-LPG Direct Flue 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 flue should be enclosed.

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

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

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

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

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

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

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

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

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

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

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

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

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

MANUFACTURED MOBILE HOME ADDITIONAL REQUIREMENTS

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

2) Ensure proper grounding using the #8 ground lug provided. See "Wiring Diagram" section.

INSTALLATION

INSTALLATION CHECKLIST

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

2) Assemble Top Facing Support and Side Nailing Strips, "Unit Assembly Prior to Installatio" section. (NOTE: must be done before installing unit into fireplace.)

3) Install flue, see details on "Flueing" sections.

4) Make gas and electrical connections. Test the pilot. Must be as per diagram. "Pilot Adjustment" section. Convert to LPG if desired, "Conversion from NG to LPG" section.

5) Install standard and optional features. Refer to the following sections where applicable:
   a. Brick Panels
   b. Log Set
   c. Flush Door
   d. Double Screen Door
   e. Bay Door
   f. Louvers
   g. Wall Switch
   h. Wall Thermostat

6) Final check.

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

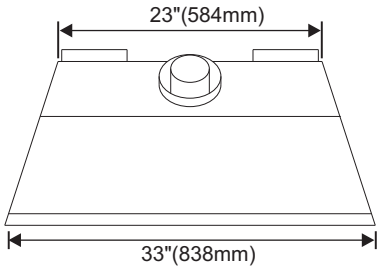
This includes:

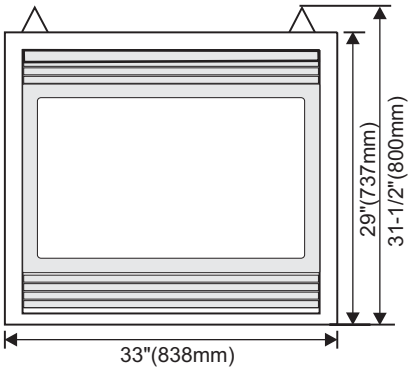
1) Clocking the appliance to ensure the correct firing rate (rate noted on label) after burning appliance for 15 minutes.

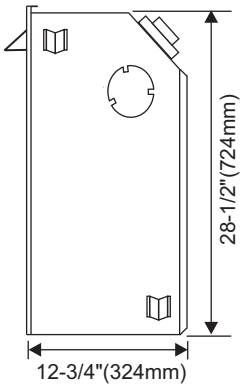
2) If required, adjusting the primary air to ensure that the flame does not carbon. First allow the unit to burn for 15-20 min. to stabilize.

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

UNIT DIMENSIONS







LOCATING YOUR FIREPLACE

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

2) Provide adequate clearances for servicing.

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

4) The P33 can be installed in a recessed position or framed out into the room as in A, B, C, D. See Diagram 1.

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

6) The P33 Direct Flue Gas Fireplace is approved for alcove installations, which meet the clearances listed on the next 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 flue terminations see "Exterior Flue Termination Locations" section.

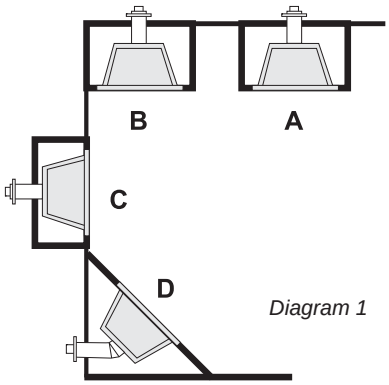


Diagram 1

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

HEATWAVE DUCT SYSTEM OPTION 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.

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 flue system be installed only in accordance with these instructions.

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

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

Minimum Clearance from Top of Unit to:
Mantel* min. 7" (177mm)
Ceiling 30" from top of unit (762mm)

Side Wall Clearance
Bay or Flush Front 7-1/2" (191mm)

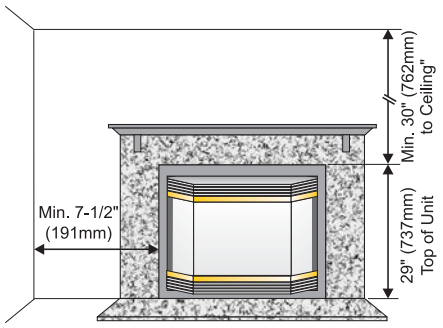
Minimum Flue Clearances:
2-1/2" (64mm) Horizontal Top
1-1/2" (38mm) Horizontal Side
1-1/2" (38mm) Horizontal Bottom
1-1/4" (32mm) Vertical Flue Clearance (Simpson)
1-1/2" (38mm) Vertical Flue Clearance (Flex)

Alcove Clearances:

Max. Depth	36"	(914mm)
Min. Width	48"	(1219mm)
Min. Height	59"	(1499mm)

* see mantel clearance instructions.

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



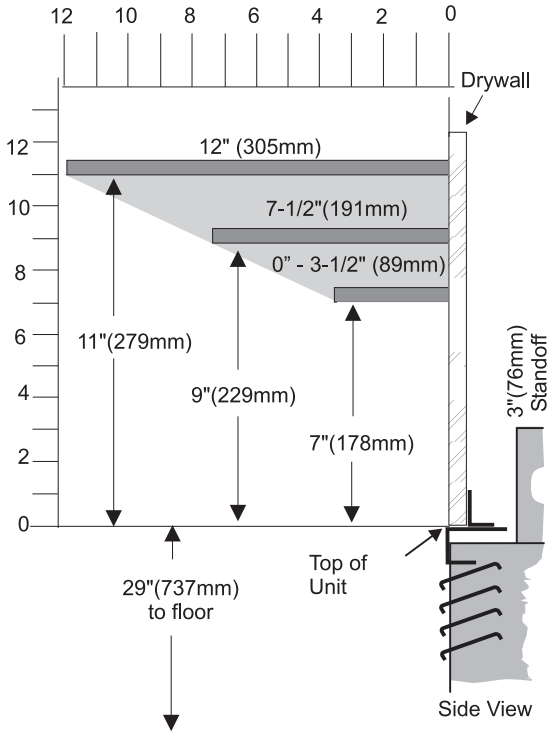
Clearances for Bay or Flush Front

COMBUSTIBLE MANTELS

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

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

Mantel Clearances with Flush or Bay Glass

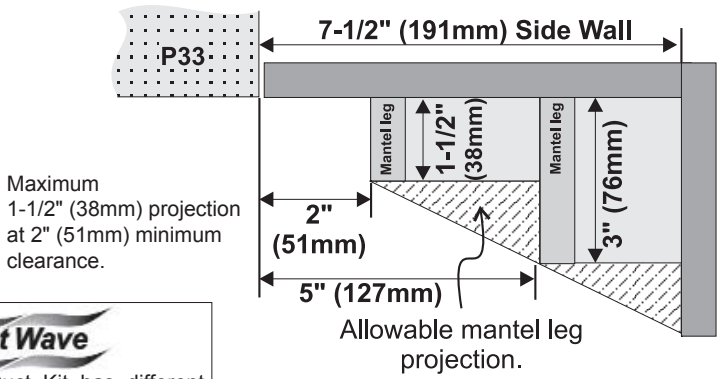


This drawing is to scale at 1:6 (one inch = 6 inches). Mantel can be installed anywhere in shaded area or higher using the above scale.

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

MANTEL LEG CLEARANCES

Combustible mantel leg clearances as per diagram below:



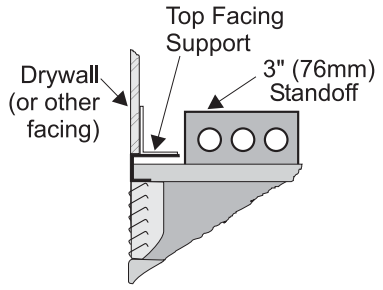
Heat Wave

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

FRAMING AND FINISHING

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.

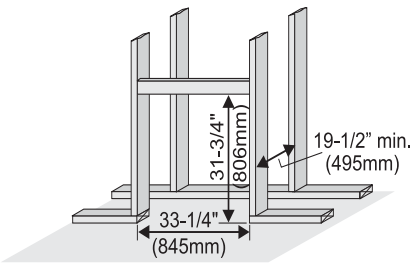
Install Side Nailing Strips, and Top Facing Support before unit is slipped into position. See page 9 for assembly details.

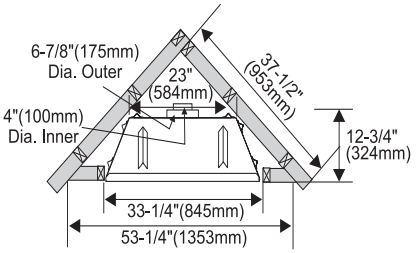


2) Frame in the enclosure for the unit with framing material.

Vertical Termination or Vertical Rise with Horizontal Termination

For Both Simpson & Flex

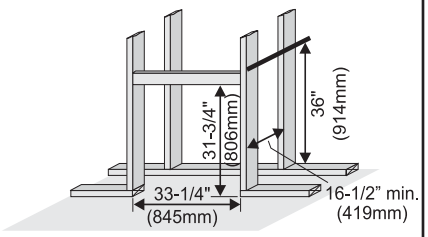




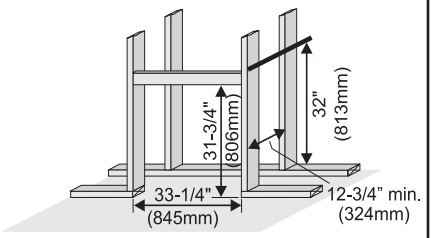
NOTE: If this is an outside corner, the minimum distance between the flue and the outside corner is 6" (15cm) with AstroCap termination cap or 12" (30cm) with Dura-Vent termination cap.

Rear Termination

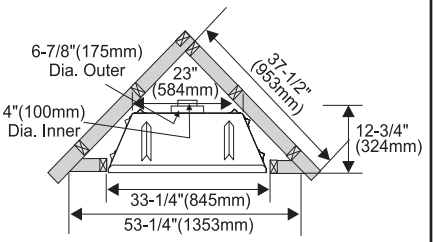
Simpson Dura-Vent Piping



Flex Piping



For Both Simpson & Flex



NOTE: If this is an outside corner, the minimum distance between the flue and the outside corner is 6" (15cm) with AstroCap termination cap or 12" (30cm) with Dura-Vent termination cap.

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.)**

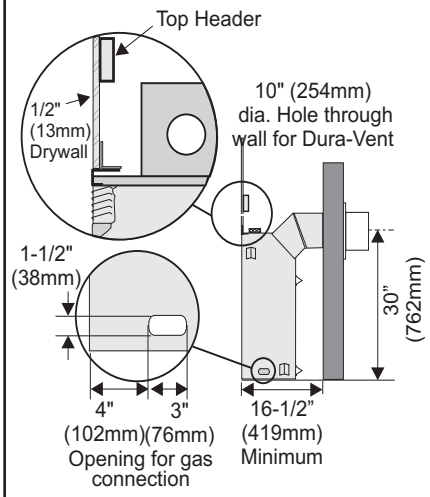
4) The top of the unit must not be closer than 30" (762mm) to the ceiling.

5) Combustible material may be brought up to the top and sides of the unit and be covered with ceramic tiles, bricks, rock or other suitable combustible finishing materials.

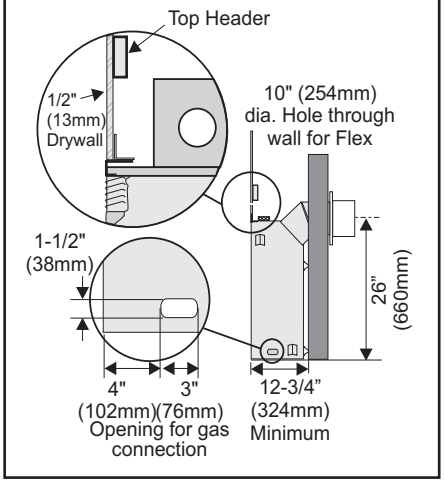
Note: The unit does not have to be completely enclosed in a chase. The clearance on top of the unit is 0" to the standoffs so combustible building materials can be laid directly on top of the standoffs. You must maintain clearance from the flue to combustible materials for flex for Simpson Dura-Vent, see page 7.

6) Use steel studs for framing where the 1-1/2" (38mm) clearance from the flue to combustible material cannot be maintained.

Simpson Dura-Vent Minimum Clearances



Flex Pipe Minimum Clearances



Heat Wave

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

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 the unit is put into position.

Top Standoff Assembly

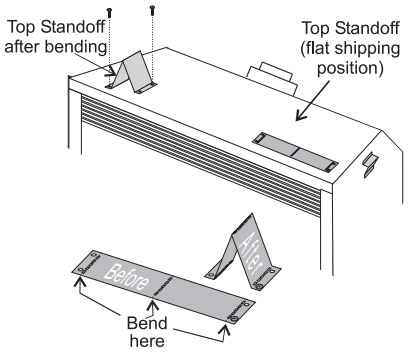
The top standoffs are shipped in a flat position and must be pulled up and bent into the correct shape.

1) Remove the standoffs from on top of the firebox by undoing the screws.

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 firebox top line-up.

3) Attach the standoffs securely to the top with 4 screws per standoff.

Note: Secure the standoffs to the holes closest to the edge of the firebox top.



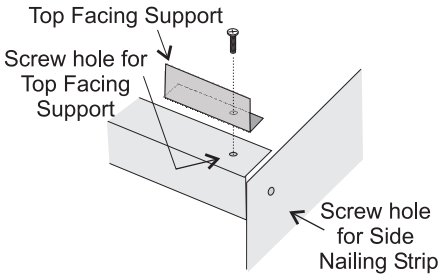
Top Facing Support & Side Nailing Strips

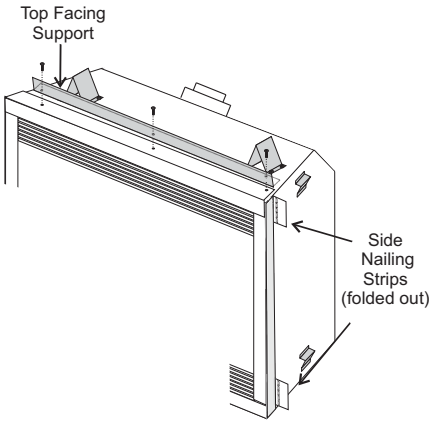
Determine the total thickness of facing material (e.g. drywall plus ceramic tiles) to allow the finished surface to be flush with the front of the unit. Total facing thickness can vary from 1/2" (13mm) to 1-1/4" (32mm) thick.

The Top Facing Support & Side Nailing Strips can be mounted in various positions depending on the thickness of the facing material.

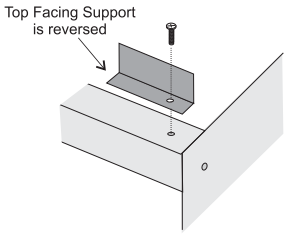
1) Mount Top Facing Support using the 3 supplied screws into the three pre-punched screw holes on the top front of the unit. Adjust support to desired facing material depth.

2) Mount Side Nailing Strip using the 3 supplied screws into the three pre-punched screw holes at the front sides of the unit. Adjust support to desired facing material thickness.





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



FLUEING INTRODUCTION

The P33 uses the "balanced flue" technology Co Axial system. The inner liner flues products of combustion to the outside while the outer liner draws outside combustion air into the combustion chamber thereby eliminating the need to use heated room air for combustion and losing warm room air up the chimney.

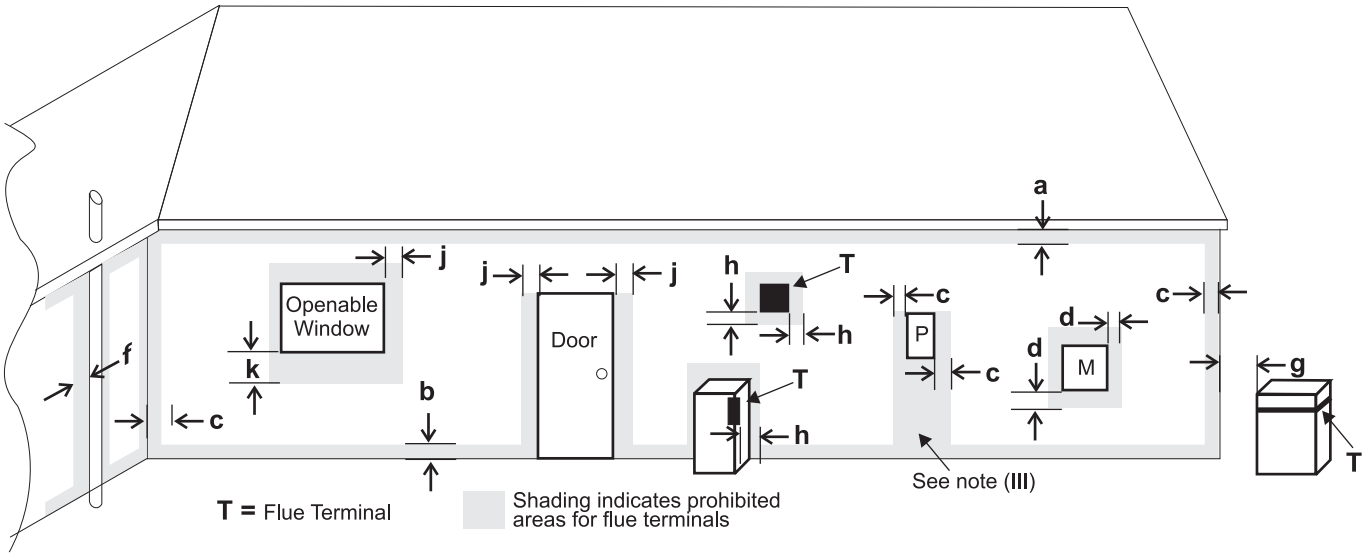
There are 2 flue systems approved for use with the P33: the Regency® Direct Flue System (Flex) for Horizontal Terminations only, and the Simpson Dura-Vent Systems for Horizontal and Vertical Terminations.

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

The gas appliance and flue system must be flueed 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 flue gas appliance must use it's own separate flue system. Common flue systems are prohibited.

NOTE: Ensure compliance with the outside flue terminal location before cutting hole as both dimensions must be met.

EXTERIOR FLUE TERMINATION LOCATIONS



Minimum clearances required for balanced flue terminals or the flue terminals of outdoor appliances according to AS5601-2004 (AGA gas installation code) or NZS 5261 (New Zealand)

		Minimum Clearance (mm)
a	Below eaves, balconies or other projections:	
	- Appliances up to 50 MJ/h input	300
	- Appliances over 50 MJ/h input	500
b	From the ground or above a balcony	300
c	From a return wall or external corner	500
d	From a gas meter (M)	1000
e	From an electricity meter or fuse box (P)	500
f	From a drain or soil pipe	150
g	Horizontal from any building structure (unless appliance is approved for closer installation) or obstruction facing a terminal	500
h	From any other flue terminal, cowl or combustion air intake	500
j	Horizontally from an openable window, door, or non-mechanical air inlet, or any other opening into a building, with the exception of sub-floor ventilation (see also Note (I)):	
	- Appliances up to 150 MJ/h input	500
	- Appliances over 150 MJ/h input	1500
k	Vertically below an openable window, door, or non-mechanical air inlet, or any other opening into a building, with the exception of sub-floor ventilation (see also Note (I)): see table below	

Clearance 'k' in mm			
Space Heaters	All Other Appliances		
Up to 50 MJ/h input	Up to 50 MJ/h input	Over 50 MJ/h input to 150 MJ/h input	Over 150 MJ/h input
150	500	1000	1500

NOTES:

(I) For mechanical air inlets, including spa blowers, the clearance 'j' and 'k' shall be 1500 mm in all cases.

(II) All distances shall be measured vertically or horizontally along the wall to a point in line with the nearest par to of the terminal.

(III) Prohibited area below electricity meter or fuse box extends to ground level.

(IV) A flue terminal of this type shall not be located under a roofed area unless the roofed area is fully open on at least two sides and a free flow of air at the appliance is achieved.

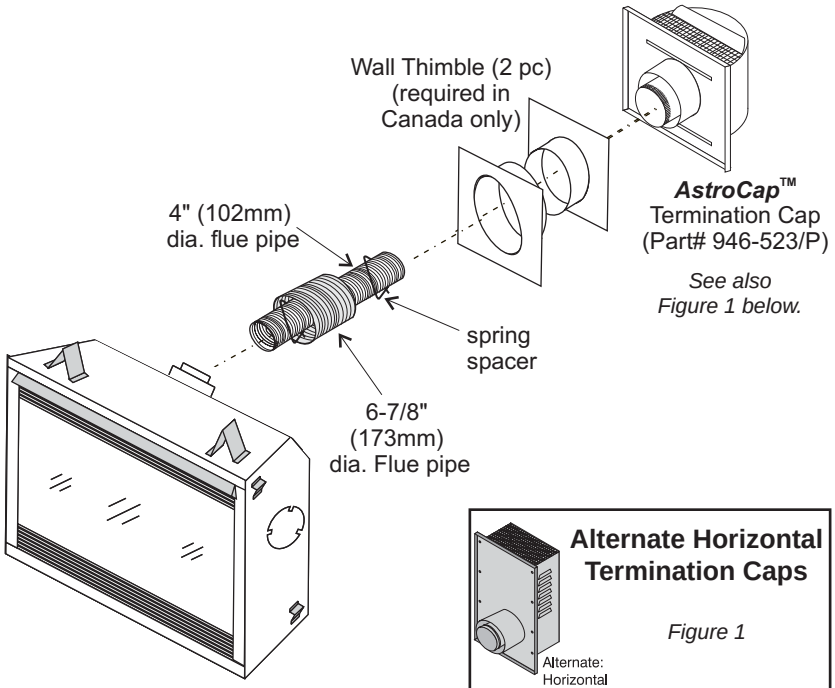
REGENCY® DIRECT FLUE SYSTEM (FLEX) HORIZONTAL TERMINATIONS ONLY

This flueing system, in combination with the P33 Direct Flue Gas Fireplace, have been tested and listed as a direct flue heater system by AGA. The location of the termination cap must conform to the requirements in the Flue Terminal Locations diagram on page 10.

Regency® Direct Flue (Flex) System Termination Kit (Part # 946-513) includes all the parts needed to install the P33 with a maximum run of 2 feet. If installing the P33 with a **continuous** flue length of more than 2 ft (.6m) to a maximum of 10 ft. (3.0m) using Kit # 946-515 (4 ft) or 946-516 (10 ft) or see page 13 for alternate flueing arrangements.

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

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



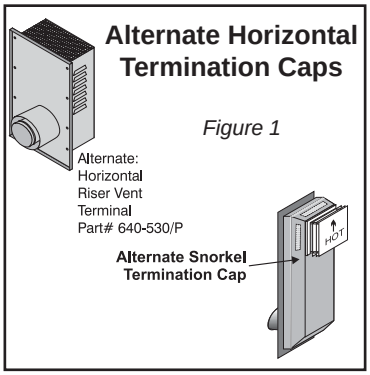
IMPORTANT
If using any Cabinet Mantels with Part # 510956, 510958, 510962, 510964 and 510834 the wall thimble must be secured first and flueing must be attached to unit before sliding into final position.

Also Simpson Dura-Vent flueing cannot be used with any of the mantels noted above.

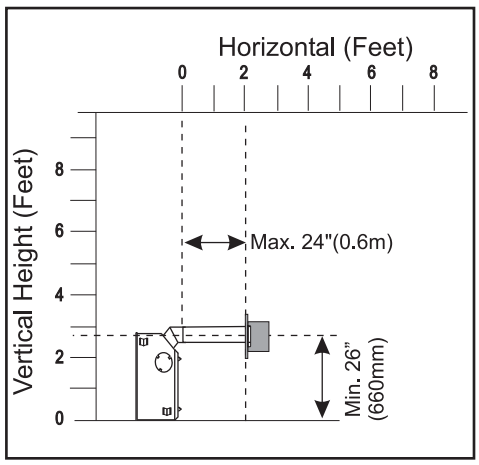
Wherever necessary due to external location of cap, the AstroCap can be replaced with the FPI Riser Flue Termination Cap or the Dura-Vent Snorkel Termination Cap.

Alternate Horizontal Termination Caps

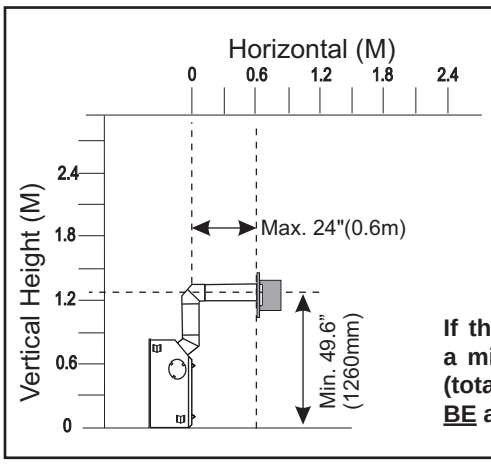
Figure 1



Minimum Flex Kit Center-Line (NG & LPG)



Minimum Flex Kit Center-Line (ULPG)

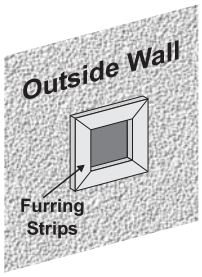


IMPORTANT NOTE
If the Burner is a ULPG Burner, a minimum flue rise of 1260mm (total height from the floor) MUST BE adhered to.

INSTALLATION PROCEDURES
for Regency® Direct Flue System (Flex)

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

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



Note: A 2-1/2" (64mm) horizontal top and 1-1/2" (38mm) horizontal sides & bottom 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.

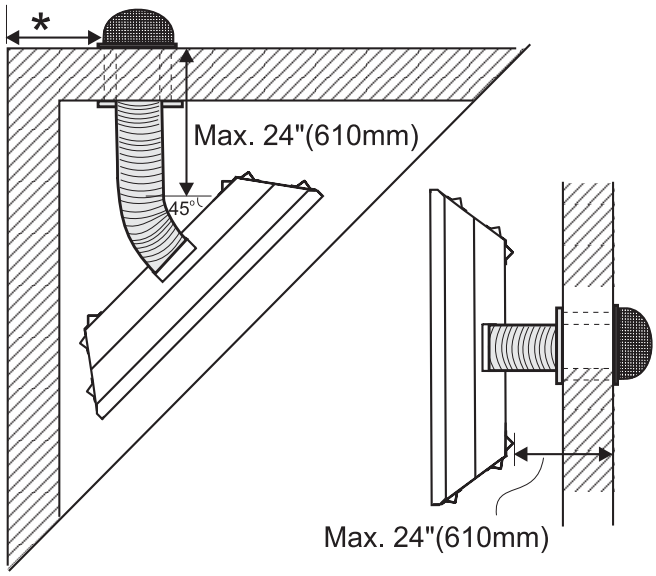
Note: If installing termination on a <u>siding covered wall, furring strips</u> must be used to ensure that the termination is not recessed into the siding.

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

3) Assemble the flue 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 flue terminal at least 1-3/8"(35mm) and fasten with the 3 screws.

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

If this is an outside corner, the minimum distance between the flue and the outside corner is 6" (15cm) with ***AstroCap termination cap or 12" (30cm) with Dura-Vent termination cap. See "F" on the diagram on page 10.



Minimum and Maximum Flue Clearances

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

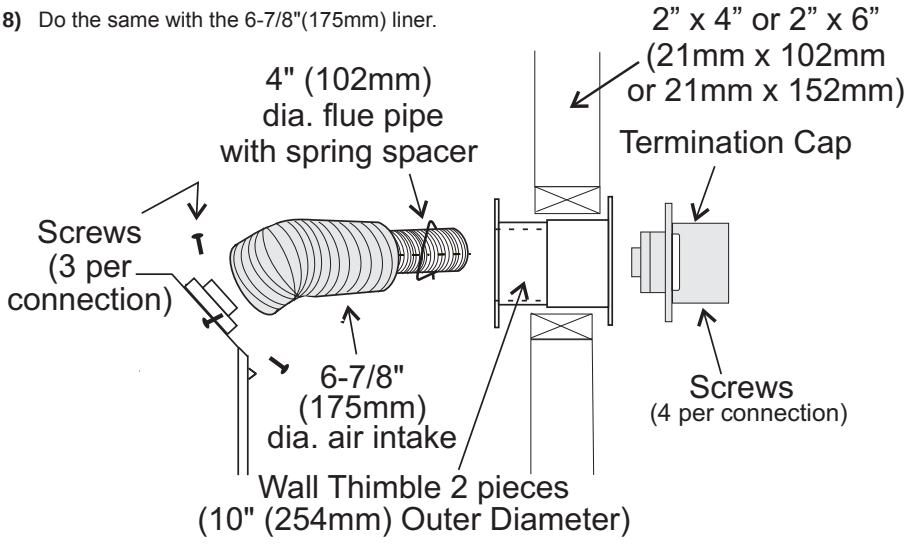
6) Pull the centre 4"(100mm) liner and outer 6-7/8"(175mm) liner out enough to slip over the flue collars of the fireplace.

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

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

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

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



SIMPSON DURA-VENT FLUEING

Horizontal or Vertical Terminations

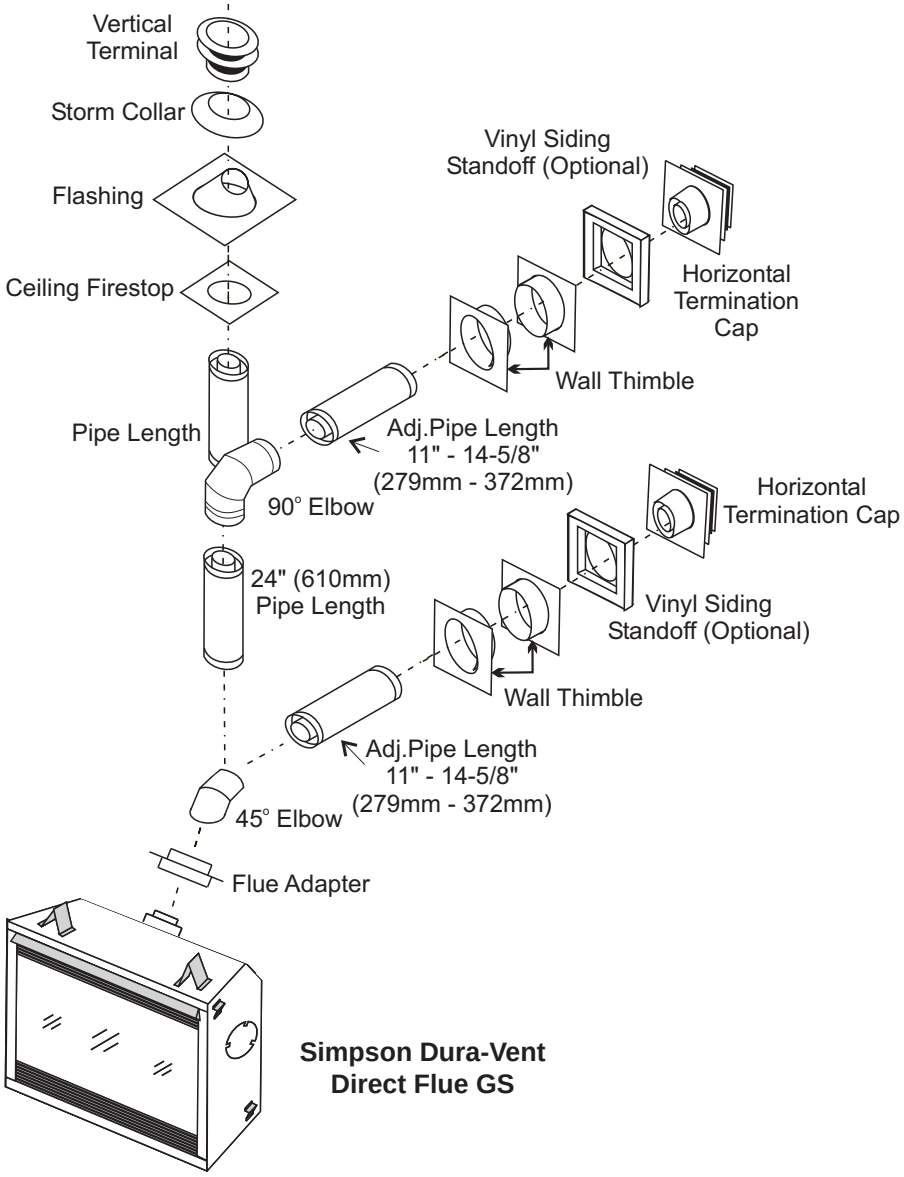
The Simpson Dura-Vent Direct Flue System offers a complete line of component parts for installation of both horizontal and vertical installations. Many items are offered in decorative black, as well as galvanized finish. We recommend using the galvanized finish for installation with the P33.

The minimum components required for a basic horizontal termination are:

1 ***AstroCap*** Horizontal Termination Cap
1 45° Elbow
1 Flue Adaptor
1 Wall Thimble
1 Length of pipe to suit wall thickness (see chart)

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

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

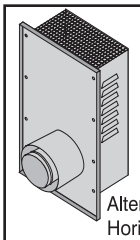


Simpson Dura-Vent Direct Flue GS

The Regency® AstroCap™ is certified for installations using FPI flueing systems as well as Simpson Dura-Vent® and Direct Vent GS.

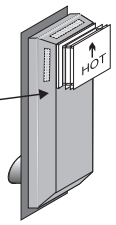
Regency®\ and Regency® AstroCap™ are the proprietary trademarks of FPI Fireplace Products International Ltd.

Dura-Vent® and Direct Vent GS are registered and/or proprietary trademarks of Simpson Dura-Vent Co. Inc.



Alternate Horizontal Termination Caps

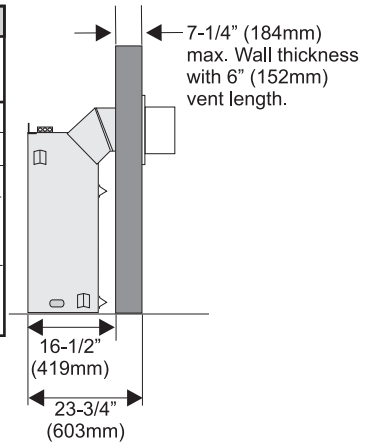
Alternate:
Horizontal
Riser Vent
Terminal
Part# 640-530/P



Alternate Snorkel Termination Cap

Wherever necessary due to external location of cap, the AstroCap can be replaced with the FPI Riser Vent Termination Cap or the Dura-Vent Snorkel Termination Cap.

Flat Wall Installation	
Max. Wall Thickness	**Flue Length Required**
7-1/4" (184mm)	6" (152mm)
10-1/4" (260mm)	9" (229mm)
13-1/4" (337mm)	12" (305mm)
12-1/4" - 15-7/8" (311mm - 641mm)	11" - 14-5/8" Adj. Pipe (279mm - 372mm)
18-1/4" - 25-1/4" (464mm - 381mm)	11" - 14-5/8" Adj. Pipe (279mm - 372mm)



SIMPSON DURA-VENT FLUEING COMPONENTS LIST

All Simpson Dura-Vent components are available directly from Regency®.

Part #	Description
978	Vert. Termination Kit includes 0/12 - 6/12 pitch adjustable flashing, storm collar, low profile term. cap
908B	6" Pipe Length - Black
907B	9" Pipe Length - Black
906	12" Pipe Length - Galv.
906B	12" Pipe Length - Black
904	24" Pipe Length - Galv.
904B	24" Pipe Length - Black
903	36" Pipe Length - Galv.
903B	36" Pipe Length - Black
902	48" Pipe Length - Galv.
902B	48" Pipe Length - Black
911B	11"-14 5/8" Adjustable Pipe Length - Black
917B	17"- 24" Adjustable Length - Black
945	45^{O} Elbow - Galv.
945B	45^{O} Elbow - Black
945G	45^{O} Elbow - Swivel - Galv.
945BG	45^{O} Elbow - Swivel - Black
990	90^{O} Elbow - Galv.
990B	90^{O} Elbow - Black
990G	90^{O} Elbow - Swivel - Galv.
990BG	90^{O} Elbow - Swivel - Black
991	High Wind Termination Cap (Vertical)
980	Vertical Termination Cap
984	Horizontal Square Termination Cap
985	Horizontal Square High Wind Termination Cap
982	Snorkel - 14" Rise Termination Cap
981	Snorkel - 36" Rise Termination Cap
940	Wall Thimble - Support/Box
941	Cathedral/Ceiling - Support/Box
3951	Brass Trim for Wall Thimble / Ceiling Support
963	Firestop Spacer
943	Flashing 0/12-6/12
943S	Flashing 7/12-12/12
953	Storm Collar
950	Vinyl Siding Standoff
988	Wall Strap
942	Wall Thimble

Parts not supplied by Dura-Vent

946-506/P	Flue Guard (Optional) (AstroCap)
640-530/P	Riser Vent
510-994	Flue Adapter
946-205	Vinyl Siding Shield for Riser Vent Terminal
946-523/P	***AstroCap*** Termination Cap
946-206	AstroCap Vinyl Siding Standoff

Using Co-Linear Flex System

946-529	Co-linear DV Termination Cap
948-305	3" x 35 foot linear kit
946-563	Adaptor Co-axial to Co-linear kit

or Alternate

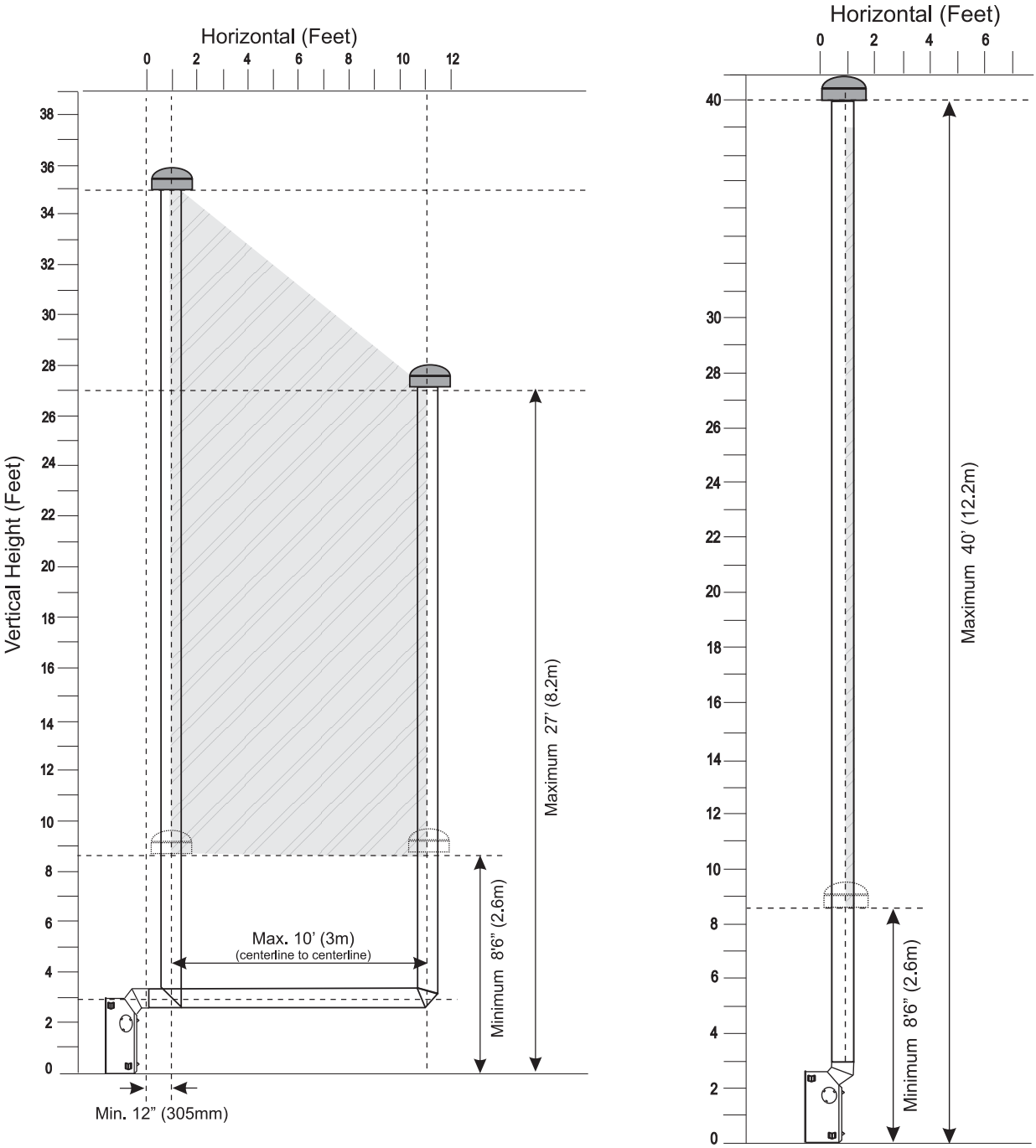
923GK	Adaptor Termination
948-305	3" x 35 foot linear kit
991	High Wind Termination Cap
or	
980	Vertical Termination Cap

FLUEING ARRANGEMENTS - VERTICAL TERMINATIONS

SIMPSON Dura-Vent DIRECT FLUE GS SYSTEM

(NG, LPG & ULPG)

The shaded area in the diagram shows all allowable combinations of straight vertical and offset to vertical terminations , using one 90° elbow, with **Simpson Dura-Vent Direct Flue GS** flue systems for NG, LPG and ULPG.



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

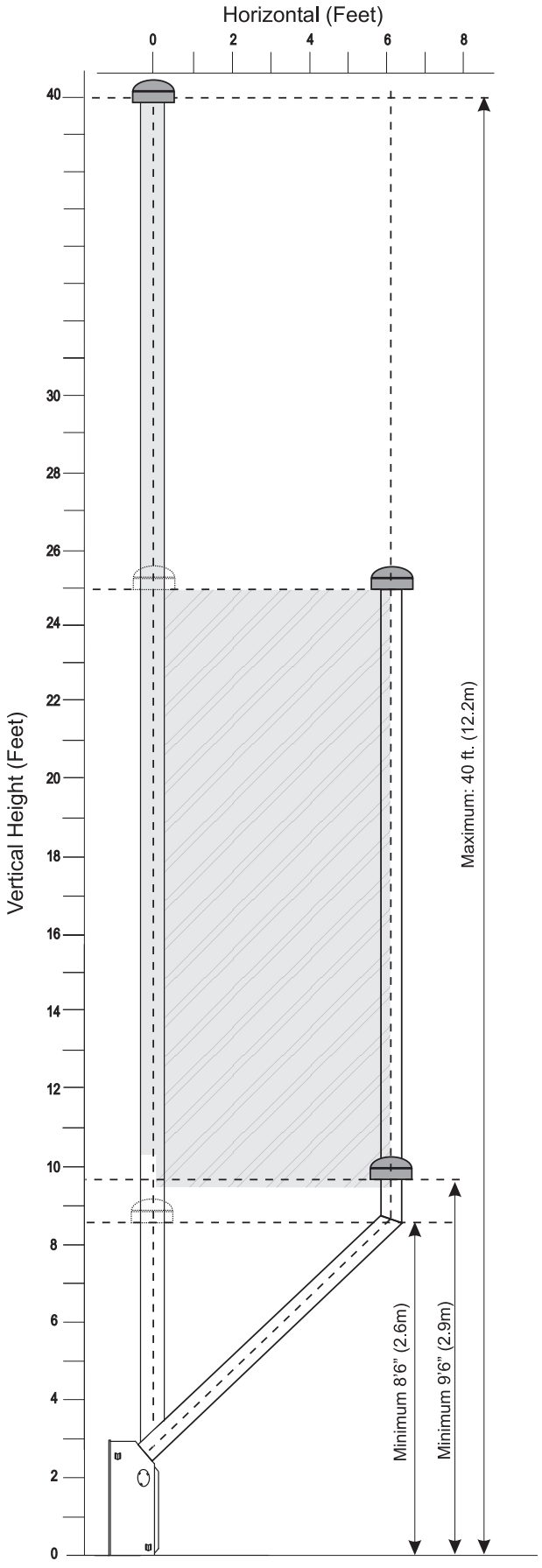
Note: Must use optional flue adapter when using Simpson Dura-Vent pipe (Part # 510-994).

INSTALLATION

The P33 is approved for a maximum 40 ft. straight vertical, with **Simpson Dura-Vent Direct Flue GS** flue systems for LPG, ULPG and NG.

The shaded area in the diagram shows all allowable combinations of straight vertical and offset to vertical terminations with **Simpson Dura-Vent Direct Flue GS** flue systems for LPG, ULPG and NG. Maximum two 45° elbows allowed.

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



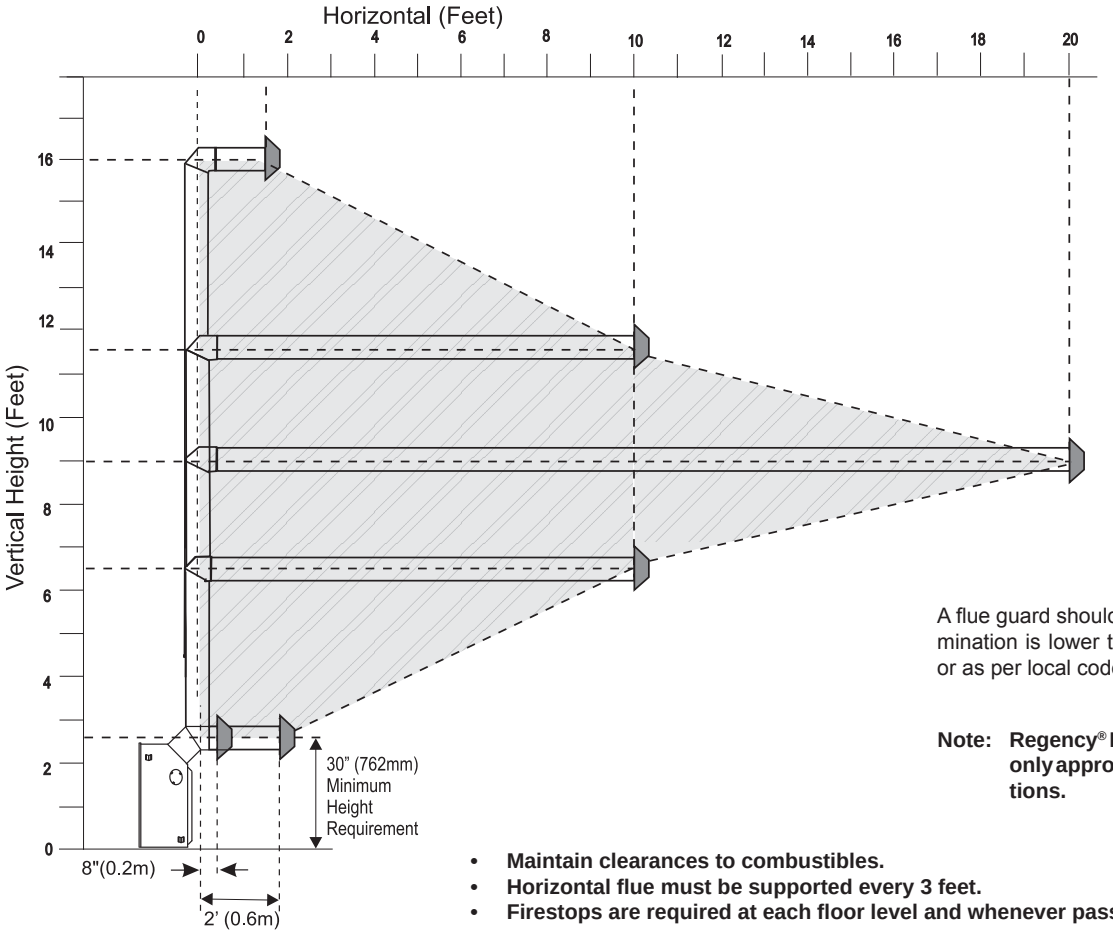
FLUEING ARRANGEMENTS - HORIZONTAL TERMINATIONS

SIMPSON Dura-Vent DIRECT FLUE GS SYSTEM and REGENCY DIRECT FLUE SYSTEM (FLEX)

(NG, LPG & ULPG with ULPG Burner)

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

Note: Must use optional flue adapter (Part # 510-994) when using Simpson Dura-Vent pipe.

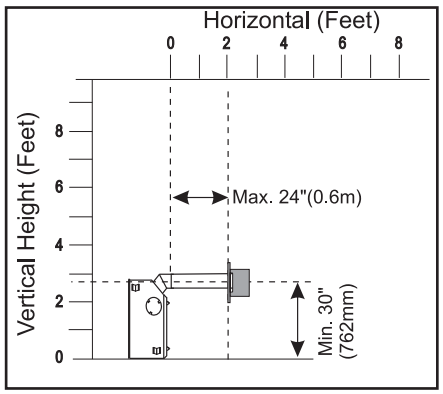


A flue guard should be used whenever the termination is lower than the specified minimum or as per local codes.

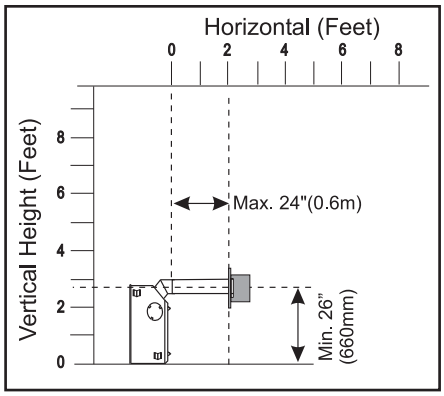
Note: Regency® Direct Flue System (Flex) is only approved for horizontal terminations.

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

Minimum Simpson Dura-Vent Center-Line



Minimum Flex Kit Center-Line



Important

If using any Cabinet Mantels with Part # 510956, 510958, 510962, 510964 and 510834 the wall thimble must be secured first and flueing must be attached to unit before sliding into final position.

Also Simpson Dura-Vent flueing cannot be used with any of the mantels noted above.

FLUEING ARRANGEMENTS - HORIZONTAL TERMINATIONS

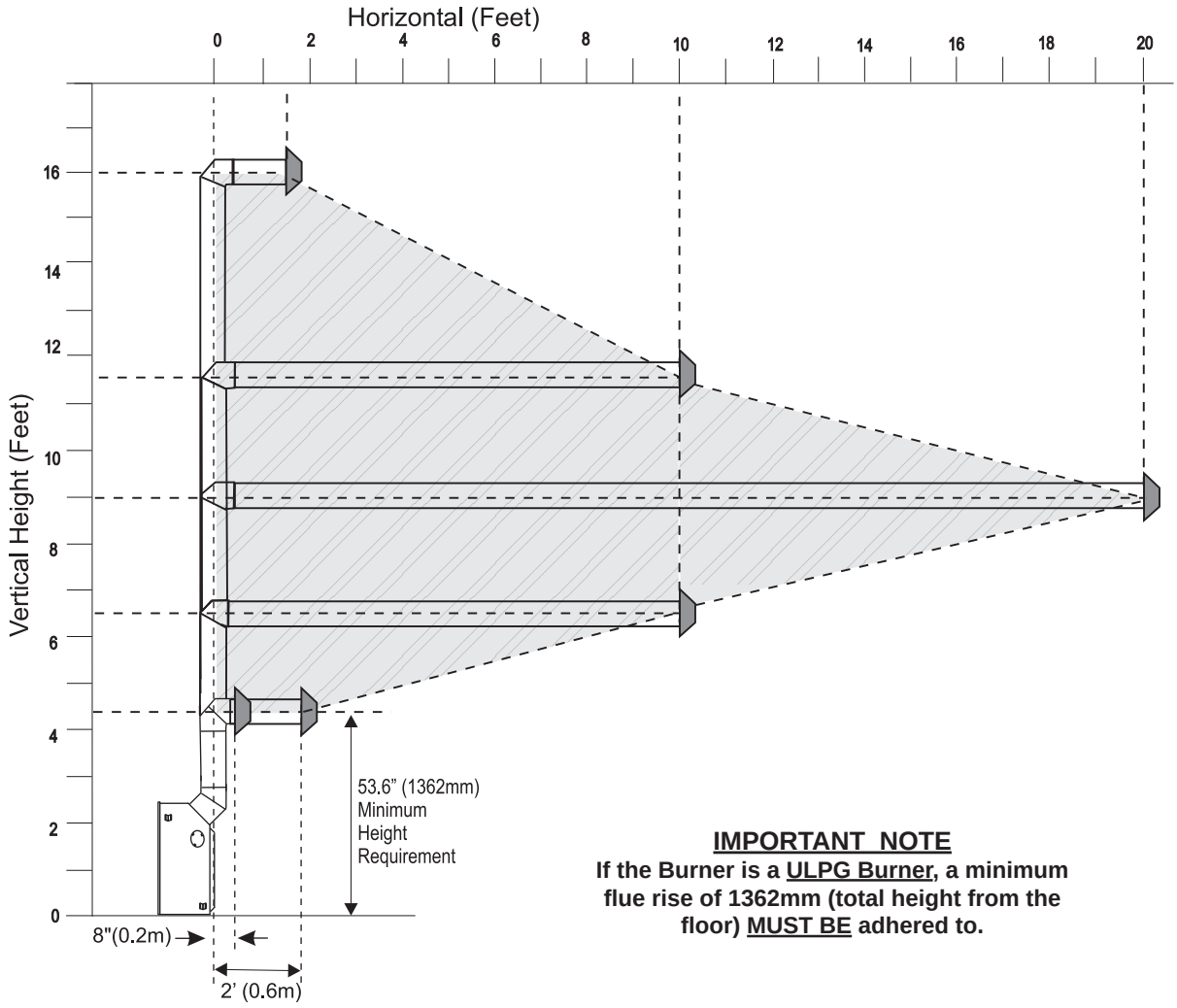
SIMPSON Dura-Vent DIRECT FLUE GS SYSTEM and

REGENCY DIRECT FLUE SYSTEM (FLEX)

(ULPG with NG/LPG Burner)

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

Note: Must use optional flue adapter (Part # 510-994) when using Simpson Dura-Vent pipe.



IMPORTANT NOTE
If the Burner is a ULPG Burner, a minimum flue rise of 1362mm (total height from the floor) MUST BE adhered to.

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

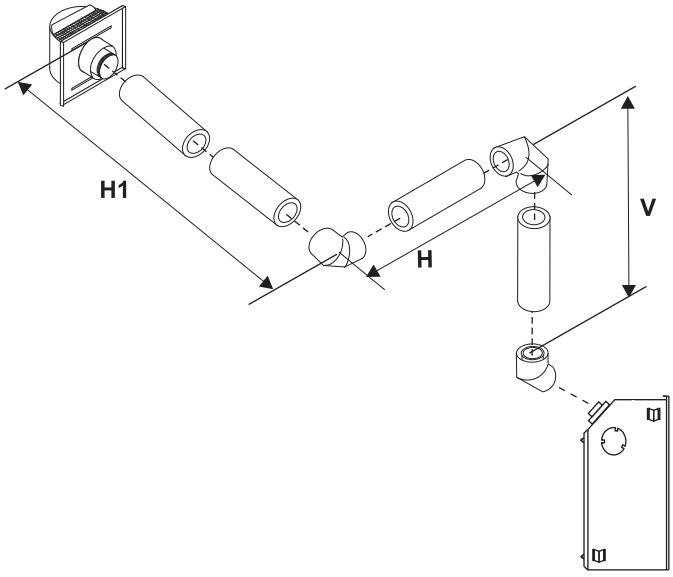
Note: Regency® Direct Flue System (Flex) is only approved for horizontal terminations.

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

Horizontal Flueing with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

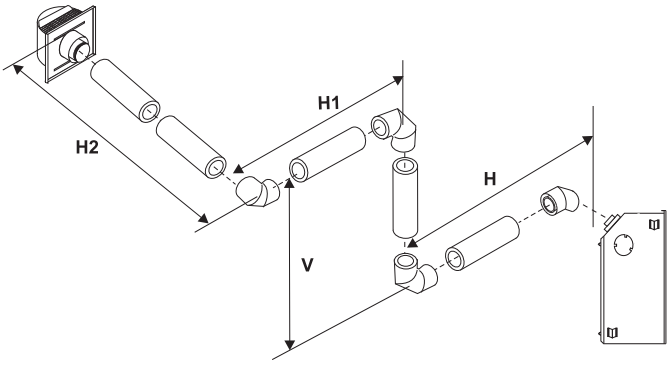
Option	V	H + H1	With these options, maximum total pipe length is 30 feet with minimum of 6 feet total vertical and maximum 8 feet total horizontal. ***Please note minimum 1 foot between 90° elbows is required.***
A)	0.3m Min.	0.9m Max.	
B)	0.6m Min.	1.2m Max.	
C)	0.9m Min.	1.5m Max.	
D)	1.2m Min.	1.8m Max.	
E)	1.5m Min.	2.1m Max.	
F)	1.8m Min.	2.4m Max.	



Horizontal Flueing with Three (3) 90° Elbows

One 90° elbow = Two 45° elbows.

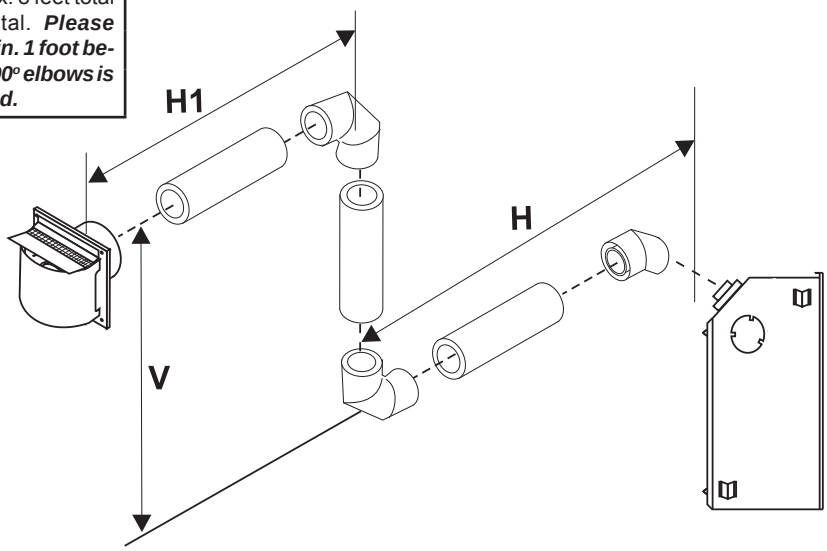
Option	H	V	H+H1+H2	With these options, max. total pipe length is 30 feet with min. of 11 feet total vertical and max. 9 feet total horizontal. ***Please note min. 1 foot between 90° elbows is required.***
A)	0.3m Max.	0.3m Min.	0.9m Max.	
B)	0.6m Max.	0.9m Min.	1.5m Max.	
C)	0.9m Max.	1.5m Min.	1.8m Max.	
D)	1.2m Max.	2.1m Min.	2.1m Max.	
E)	1.5m Max.	2.7m Min.	2.4m Max.	
F)	1.8m Max.	3.3m Min.	2.7m Max.	



Horizontal Flueing with Two (2) 90° Elbows

One 90° elbow = Two 45° elbows.

Option	H	V	H+H1	With these options, max. total pipe length is 30 feet with min. of 8 feet total vertical and max. 8 feet total horizontal. ***Please note min. 1 foot between 90° elbows is required.***
A)	0.3m Max.	0.3m Min.	0.9m Max.	
B)	0.6m Max.	0.9m Min.	1.5m Max.	
C)	0.9m Max.	1.5m Min.	1.8m Max.	
D)	1.2m Max.	1.8m Min.	2.1m Max.	
E)	1.5m Max.	2.4m Min.	2.4m Max.	

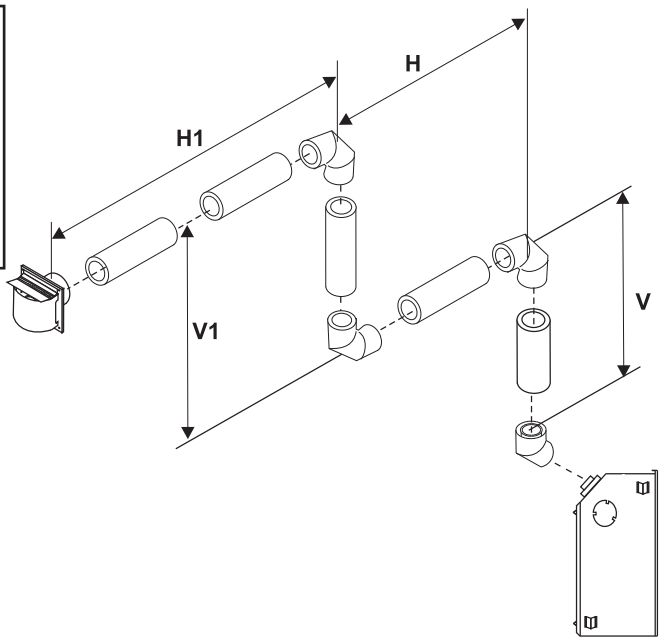


Horizontal Flueing with Three (3) 90º Elbows

One 90º elbow = Two 45º elbows.

Option	V Min.	H Max.	V + V1 Min.	H + H1 Max.
A)	0.6m	0.3m	0.9m	1.2m
B)	0.9m	0.6m	1.2m	1.5m
C)	1.2m	0.9m	1.8m	1.8m
D)	1.5m	1.2m	2.4m	2.1m
E)	1.8m	1.5m	3m	2.4m
F)	2.1m	1.8m	3.65m	2.7m

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 90º elbows is required.

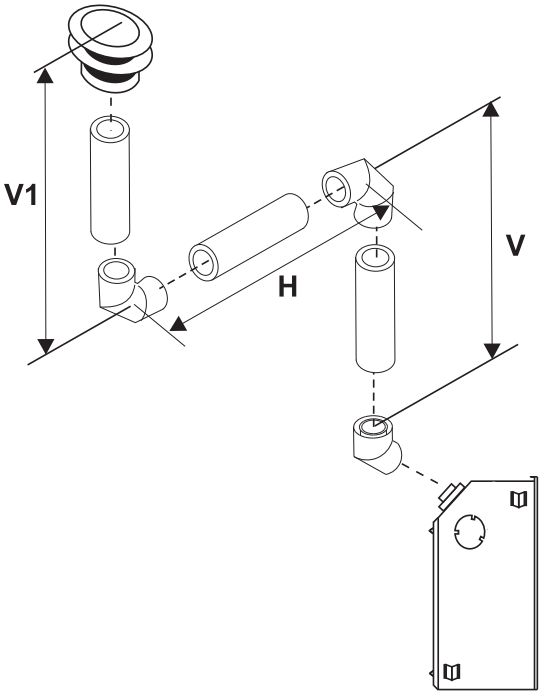


Vertical Flueing with Two (2) 90º Elbows

One 90º elbow = Two 45º elbows.

Option	V Min.	H Max.	V + V1 Min
A)	0.3m	1.2m	0.6m
B)	0.6m	1.5m	0.9m
C)	0.9m	1.8m	1.2m
D)	1.2m	2.1m	1.5m
E)	1.5m	2.4m	1.8m

With these options, max. total pipe length is 30 feet with min. of 6 feet total vertical and max. 8 feet total horizontal.
Please note min. 1 foot between 90º elbows is required.

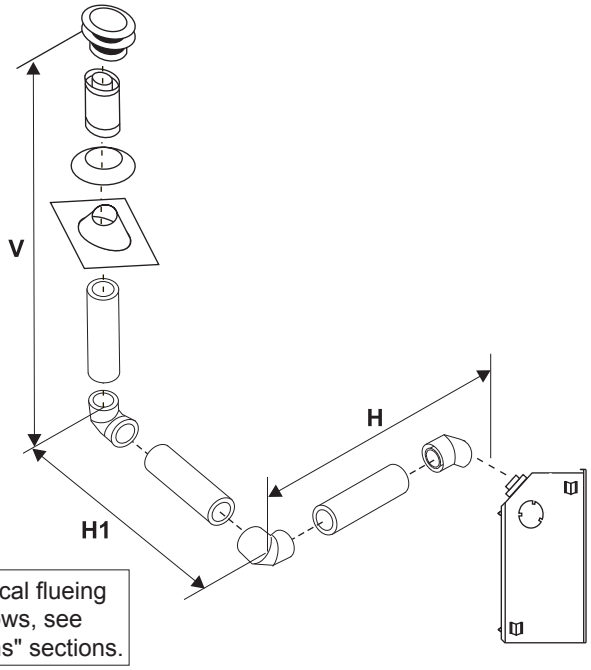


Vertical Flueing with Two (2) 90º Elbows

One 90º elbow = Two 45º elbows.

Option	H + H1 Max.	V Min.
A)	0.6m	0.6m
B)	0.9m	0.9m
C)	1.2m	1.2m
D)	1.5m	1.5m
E)	1.8m	1.8m

With these options, max. total pipe length is 30 feet with min. of 6 feet total vertical and max. 6 feet total horizontal.
Please note min. 1 foot between 90º elbows is required.

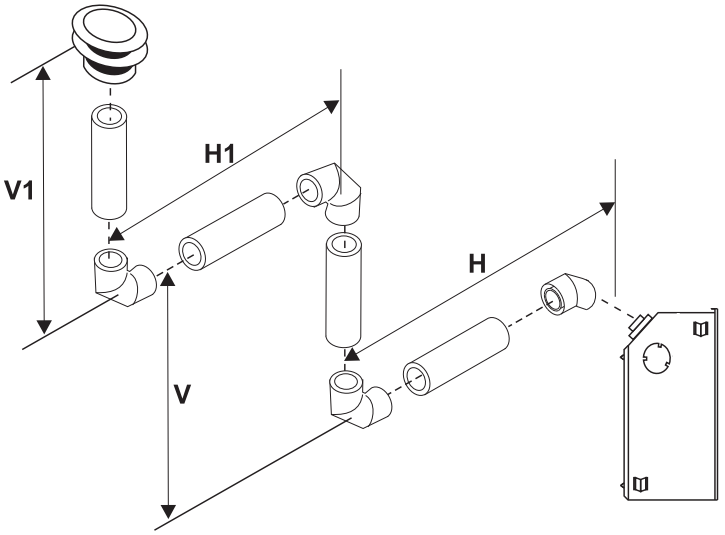


For additional vertical flueing with 2 x 90º elbows, see "Vertical Terminations" sections.

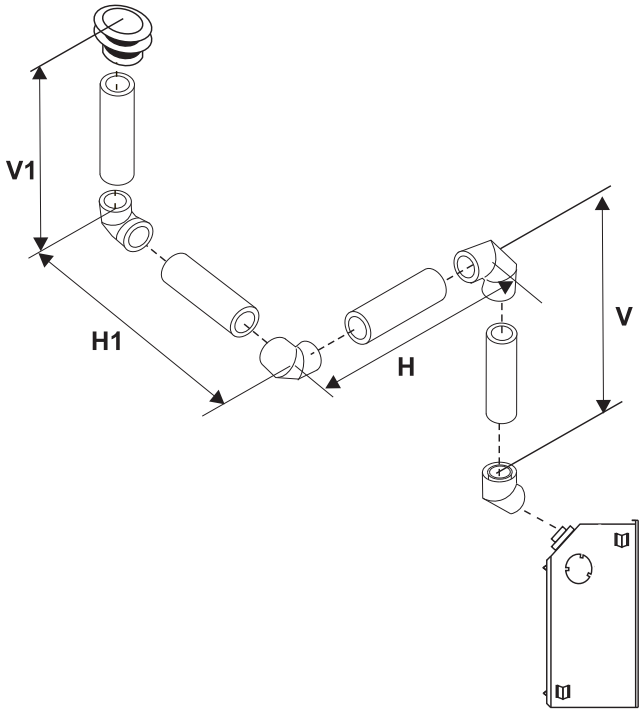
Vertical Flueing with Three (3) 90° Elbows

One 90° elbow = Two 45° elbows.

Option	H Max.	V Min.	H + H1 Max.	V + V1 Min.	
A)	0.3m	0.3m	0.9m	0.9m	With these options, max. total pipe length is 30 feet with min. of 11 feet total vertical and max. 7 feet total horizontal. ***Please note min. 1 foot between 90° elbows is required.***
B)	0.6m	0.6m	1.2m	1.5m	
C)	0.9m	0.9m	1.5m	2.1m	
D)	1.2m	1.2m	1.8m	2.7m	
E)	1.5m	1.5m	2.1m	3.3m	



Vertical Flueing with Three (3) 90° Elbows



One 90° elbow = Two 45° elbows.

Option	V Min.	H + H1 Max.	V + V1 Min.	
A)	0.6m	0.9m	1.2m	With these options, max. total pipe length is 30 feet with min. of 10 feet total vertical and max. 8 feet total horizontal. ***Please note min. 1 foot between 90° elbows is required.***
B)	0.9m	1.2m	1.8m	
C)	1.2m	1.5m	2.1m	
D)	1.5m	1.8m	2.4m	
E)	1.8m	2.1m	2.7m	
F)	2.1m	2.4m	3m	

VERTICAL TERMINATION
WITH CO-LINEAR FLEX SYSTEM

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

This appliance is designed to be attached to two 3" (76mm) co-linear aluminium flex running the full length of the chimney. See the Flueing Arrangements on next page 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
510-994	Flue Adaptor
945	45° Elbow

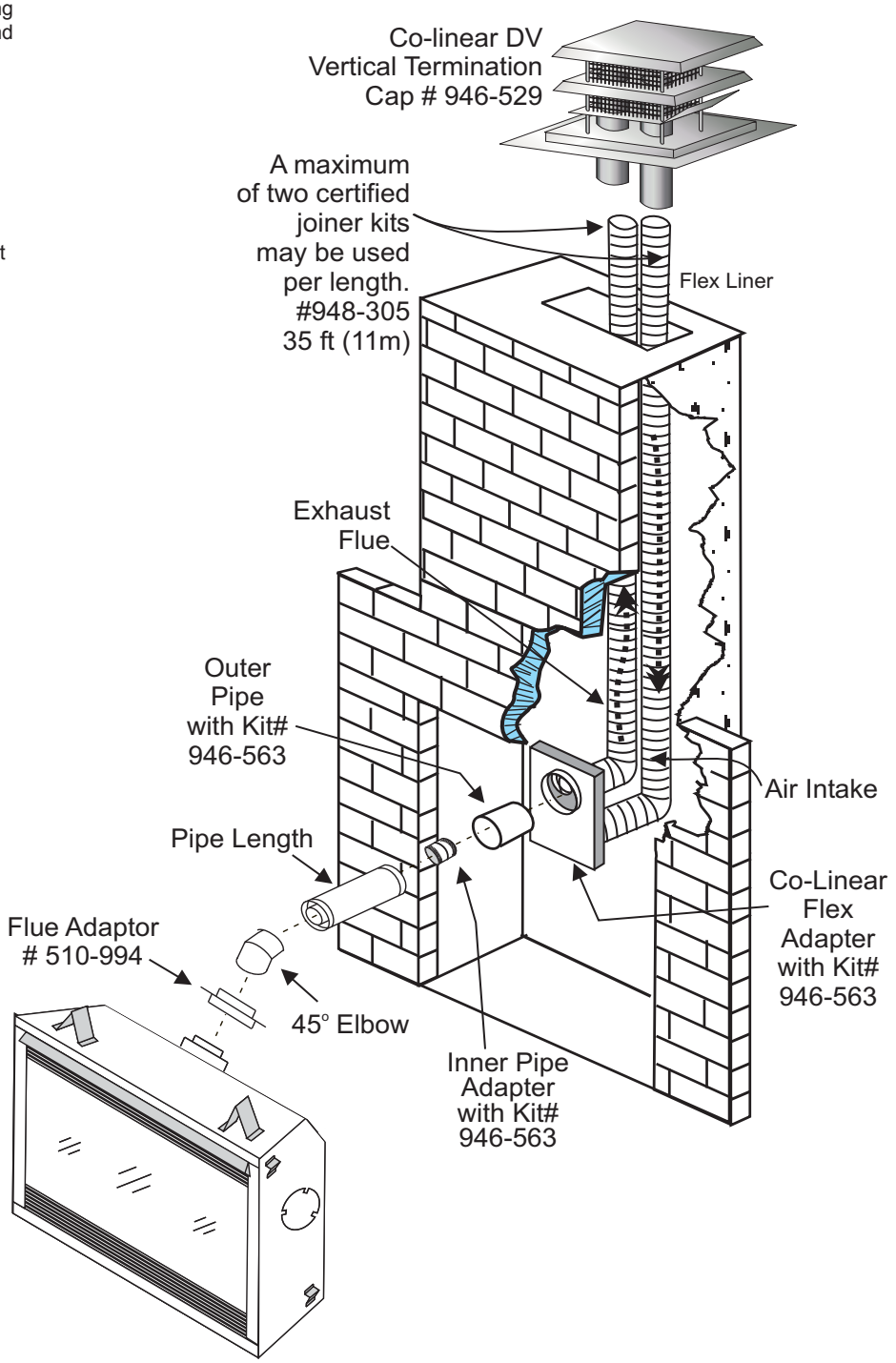
Alternate Approved Caps

980	Vertical Termination Cap
991	High Wind Cap
923GK	3" Co-linear Adapter with flashing

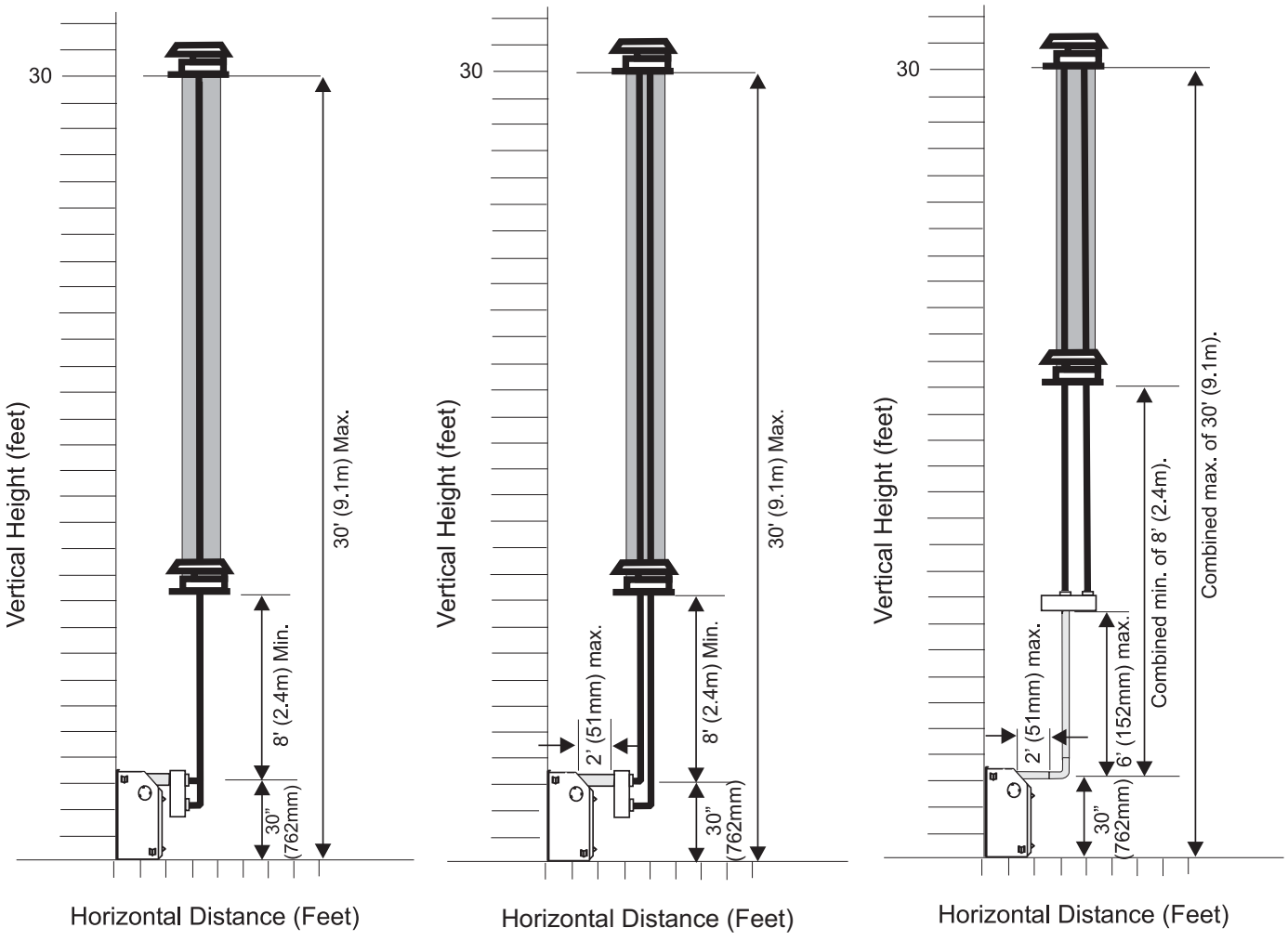
FPI Cabinet and/or Flat Wall Mantles may be used in these applications ensuring that clearances to combustibles are maintained.

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.



Flueing Arrangements - Vertical Terminations with Co-linear Flex System for both Residential & Manufactured Homes into Masonry Fireplaces



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

HORIZONTAL TERMINATIONS

Install the flue 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 flueing 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 Flue pipe and fittings are designed with special twist-lock connections to connect the flueing 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 Flue GS 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, Dia. 1. Push the pipe sections completely together, then twist-lock one section clockwise approximately one-quarter turn, until the two sections are fully locked. The female locking lugs will not be visible from the outside, on the Black Pipe or fittings. They may be located by examining the inside of the female ends.

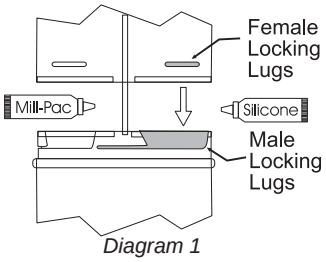


Diagram 1

Note: Apply sealant "Mill-Pac" to inner pipe and high temperature silicone sealant to outer pipe on every twist-lock joint.

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

5) Mark the wall for a 10" (254mm) x 10" (254mm) 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 flue will be terminated. If the wall being penetrated is constructed of non-combustible material, i.e. masonry block or concrete, a 7"(178mm) diameter (7-1/2"(191mm) dia. for flex) hole is acceptable.

Note:

a) The horizontal run of flue must be level, or have a 1/4" (6.3mm) rise for every 1 foot (0.3m) of run towards the termination. Never allow the flue to run downward. This could cause high temperatures and may present the possibility of a fire.

b) The location of the horizontal flue termination on an exterior wall must meet all local and national building codes, and must not be blocked or obstructed. For External Flue Terminal Locations, see diagram on page 10.

c) Snorkel Terminations:
For installations requiring a vertical rise on the exterior of the building, see Diagram 2. Follow the same installation procedures as used for standard Horizontal Termination.

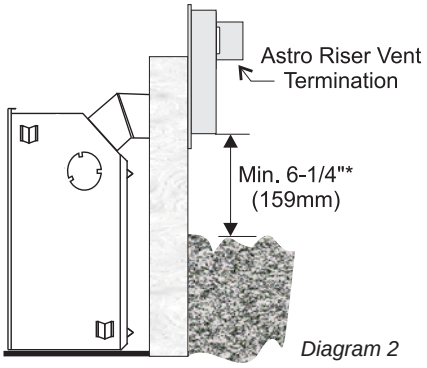


Diagram 2

*As specified in CGA B149 Installation Code. Local codes or regulations may require different clearances.

Below Grade Snorkel Installation

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 Dura-Vent Installation instructions for details. Do not attempt to enclose the Snorkel within the wall, or any other type of enclosure.

6) The arrow on the flue cap should be pointing up. Insure that the 1-1/2" clearances to combustible materials are maintained (Dia. 3). Install the termination cap.

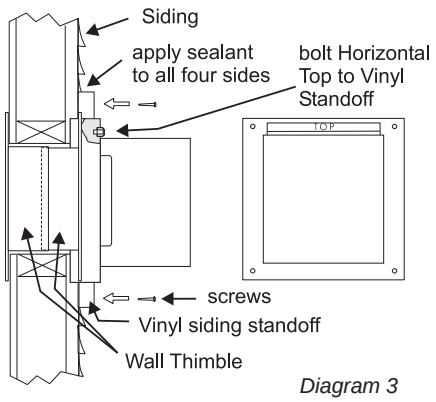


Diagram 3

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

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 flue pipe to the flue termination, slide the Wall Thimble (Part # 620-926) over the flue pipe.

8) Slide the appliance and flue assembly towards the wall carefully inserting the flue pipe into the flue cap assembly. It is important that the flue pipe extends into the flue cap sufficient distance so as to result in a minimum pipe overlap of 1-1/4" (32mm). Secure the connection between the flue pipe and the flue cap 3 sheet metal screws.

9) Install wall thimble in the center of the 10" (254mm) square and attach with wood screws (Diagram 4).

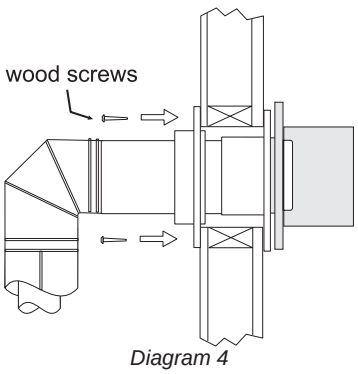
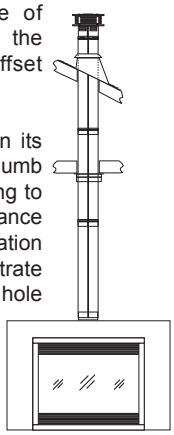


Diagram 4

VERTICAL TERMINATIONS

1) Maintain the 1-1/2" (38mm) 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 pages 13-17 for the maximum vertical rise of the flueing system and the maximum horizontal offset limitations.



2) Set the gas appliance in its desired location. Drop a plumb bob down from the ceiling to the position of the appliance flue exit, and mark the location where the flue 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 flue will penetrate the roof.

Diagram 1

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

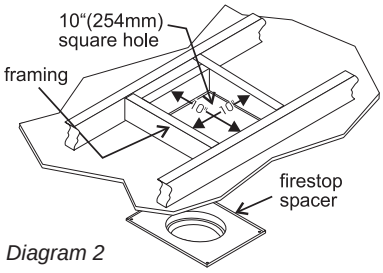
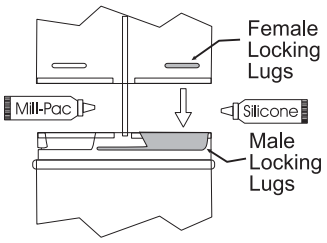


Diagram 2

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.



Note: Apply sealant "Mill-Pac" to inner pipe and high temperature silicone sealant to outer pipe on every twist-lock joint.

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" (38mm). Slip the flashing under the shingles (shingles should overlap half the flashing) as per Diagram 3.

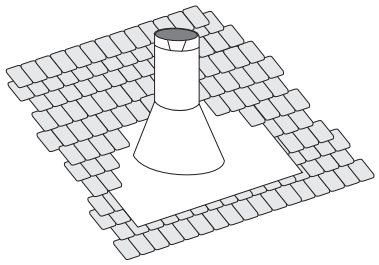


Diagram 3: The upper half of the flashing is installed under the roofing material and not nailed down until the chimney is installed. This allows for small adjustments.

6) Continue to assemble pipe lengths.

Note: If an offset is necessary in the attic to avoid obstructions, it is important to support the flue pipe every 3' (0.9m), to avoid excessive stress on the elbows, and possible separation. Wall straps are available for this purpose.

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

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

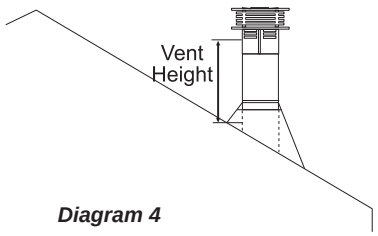


Diagram 4

Roof Pitch	Minimum Flue 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

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

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

GAS LINE INSTALLATION

The gas line can be brought through either the right or the left side of the appliance. The gas valve is situated on the right hand side of the unit and the gas inlet is on the right hand side of the valve.

Note: If the gas line is being installed from the left side, be sure to leave room to accommodate servicing of the fan.

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.

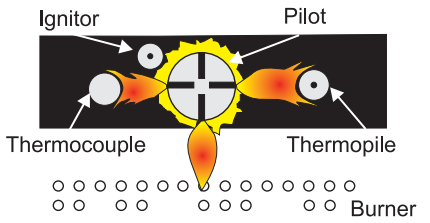
When using copper or flex connectors use only approved fittings. Always provide a union so that gas lines can be easily disconnected for servicing. Flare nuts for copper lines and flex connectors are usually considered to meet this requirement.

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

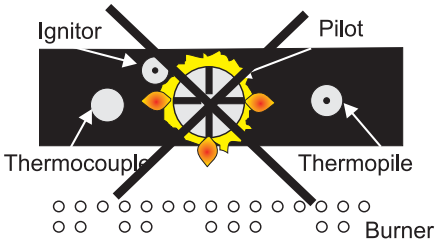
PILOT ADJUSTMENT

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

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



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



P33-NG System Data	
Conversion Kit# 431-969	
For 0 to 2000 feet altitude **Burner Inlet Orifice Sizes:**	#44
Max. Input Rating **Min. Input Rating**	23.7 mj. 13.18 mj.
Supply Pressure	min. 1.13 kPa
Manifold Pressure **(High)** **(Low)**	 0.95 kPa 0.33kPa

P33-LPG System Data	
For 0 to 4500 feet altitude **Burner Inlet Orifice Sizes:**	#54
Max. Input Rating **Min. Input Rating**	23.5 mj. 12.1 mj.
Supply Pressure	min. 2.75 kPa
Manifold Pressure **(High)** **(Low)**	 2.61 kPa 0.53 kPa

P33-ULPG System Data	
For 0 to 4500 feet altitude **Burner Inlet Orifice Sizes:**	#55
Max. Input Rating **Min. Input Rating**	20.3 mj. 11 mj.
Supply Pressure	min. 2.75 kPa
Manifold Pressure **(High)** **(Low)**	 2.40 kPa 0.43 kPa

GAS PIPE PRESSURE TESTING

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

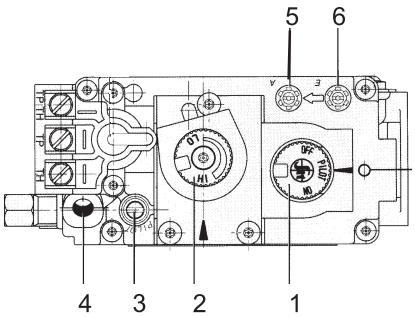
The manifold pressure is controlled by a regulator built into the gas control, and should be checked at the pressure test point.

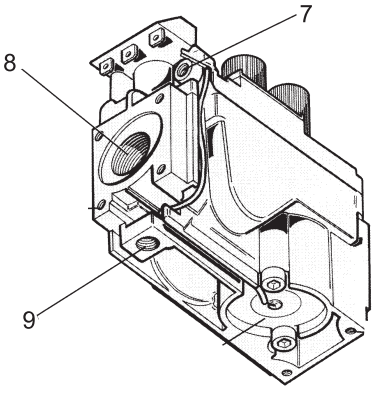
Note: To properly check gas pressure, both inlet and manifold pressures should be checked using the valve pressure ports on the valve.

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

S.I.T. VALVE DESCRIPTION

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





CONVERSION KIT #433-968 FROM NG TO LPG

for P33 using SIT 820 NOVA Gas Valve

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

Each Kit contains one LPG Conversion Kit.

LPG Conversion Kit Contains:

Qty.	Part #	Description
1	904-163	Burner Orifice #54
1	904-529	5/32" Allen Key
1	918-590	Label "Converted to LPG"
1	908-528	Red "LPG" label
1	910-037	LP Injector (Pilot Orifice)
1	918-550	Instruction Sheet

Installation of LPG Conversion Kit:

1) **Shut off the gas supply.**

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

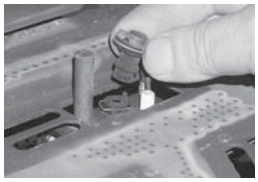
3) Open the flush door and remove the door.

4) Remove the logs, embers/rockwool.

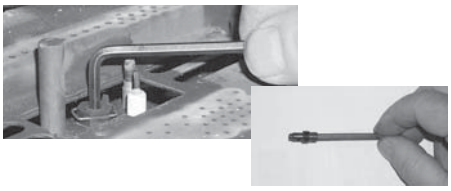
5) Remove the 2 screws holding the Burner Assembly to the firebox base. Push the Burner Assembly to the left and lift out.

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

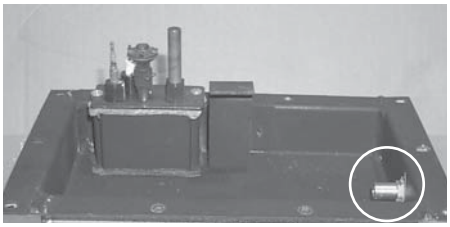
6) Pull off the pilot cap to expose the pilot orifice.



7) Unscrew the pilot orifice with the allen key and replace with the LP pilot orifice in the kit and replace pilot cap.



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



Burner Orifice

9) Reinstall new burner orifice LP stamped #54 and tighten.

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

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

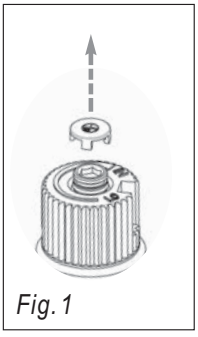


Fig. 1

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

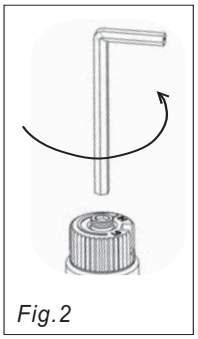


Fig. 2

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

14) Flip the screw (Fig. 3).

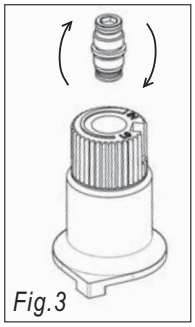


Fig. 3

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

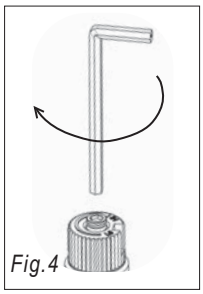


Fig.4

WARNING!
Do not overtighten the screw. Recommended to grip the wrench by the short side.

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

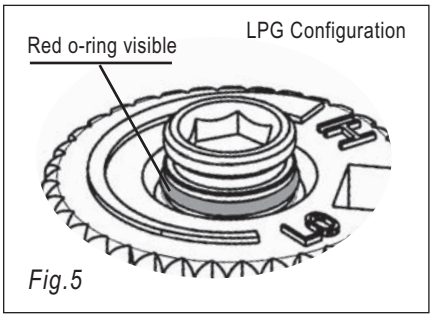


Fig.5

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

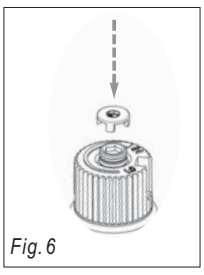


Fig.6

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

18) Reverse steps 5) to 2).

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

20) Replace yellow "Natural Gas" label with red "LPG" label.

21) Check LPG aeration setting.

22) Check for gas leaks.

23) Check inlet and outlet pressures.

24) Check operation of flame control.

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

26) Check manual for venting configurations (refer to venting section).

Installer Notice:
These instructions must be left with the appliance.

CONVERSION KIT #434-967 FROM NG TO ULPG
for P33 using SIT 820 NOVA Gas Valve

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

Each ULPG Conversion Kit contains:

Qty.	Part #	Description
1	904-529	5/32" Allen Key
1	904-575	Burner Orifice #55
1	910-037	LPG Injector (Pilot Orifice)
1	918-272	"Converted to ULPG" label
1	918-273	Red "ULPG" label
1	918-548	Instruction Sheet

Installation of ULPG Conversion Kit:

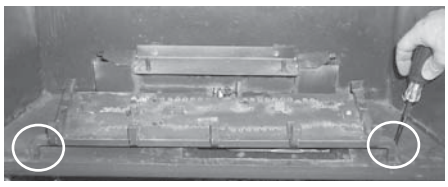
1) **Shut off the gas supply.**

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

3) Open the flush door and remove the door.

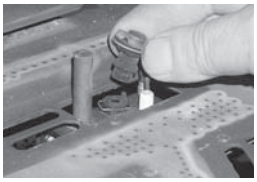
4) Remove the logs, embers/rockwool.

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

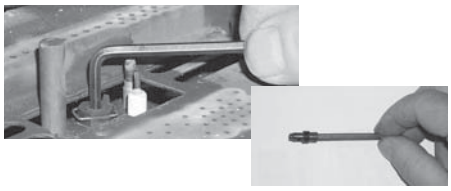


Remove the 2 screws, push Burner Assembly to the left and lift out.

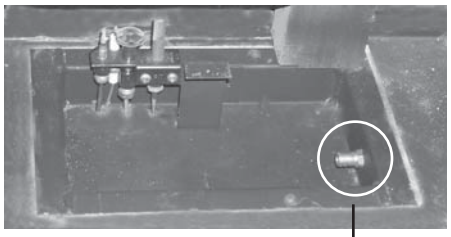
6) Pull off the pilot cap to expose the pilot orifice.



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



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



Burner Orifice

9) Reinstall new burner orifice ULPG stamped #55 and tighten.

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

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

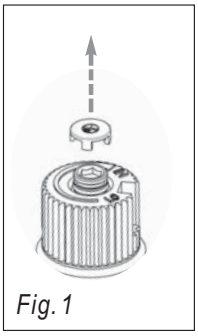


Fig. 1

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

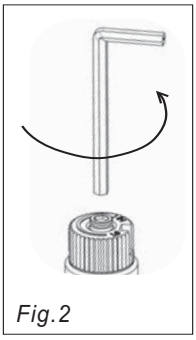


Fig. 2

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

14) Flip the screw (Fig. 3).

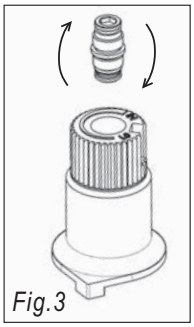


Fig. 3

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

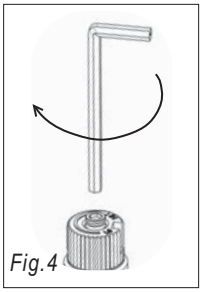


Fig. 4

WARNING!
Do not overtighten the screw.
Recommended to
grip the wrench by the short side.

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

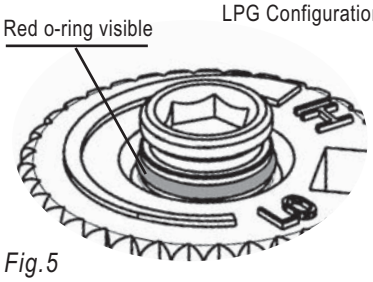


Fig. 5

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

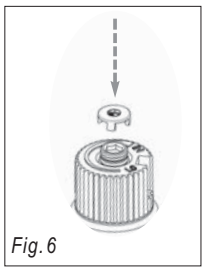


Fig. 6

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

18) Reverse steps 5) to 2).

19) Attach clear label "This unit has been converted to ULPG" near or on top of the serial # decal.

20) Replace yellow "NG" label with red "ULPG" label.

21) Check ULPG aeration setting.

22) Check for gas leaks.

23) Check inlet and outlet pressures.

24) Check operation of flame control.

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

26) Check manual for venting configurations (refer to venting section).

Installer Notice:
These instructions must be left with the appliance.

CONVERSION KIT #434-965 FROM NG TO ULPG
for P33 using SIT 820 NOVA Gas Valve with Dedicated ULPG Burner

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

Each ULPG Conversion Kit contains:

Qty.	Part #	Description
1	436-526	Burner Assembly ULPG
1	904-529	5/32" Allen Key
1	904-575	Burner Orifice #55
1	910-037	LPG Injector (Pilot Orifice)
1	918-272	Decal "Converted to ULPG"
1	918-273	Red "ULPG" label
1	918-547	Instruction Sheet

Installation of ULPG Conversion Kit:

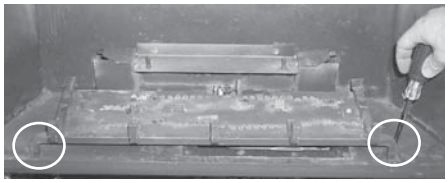
1) **Shut off the gas supply.**

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

3) Open the flush door and remove the door.

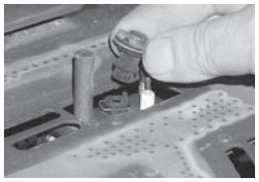
4) Remove the logs, embers/rockwool.

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

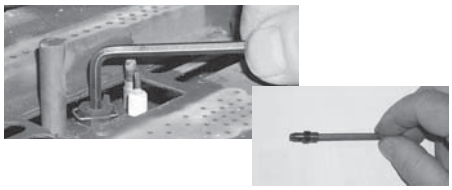


Remove the 2 screws, push Burner Assembly to the left and lift out.

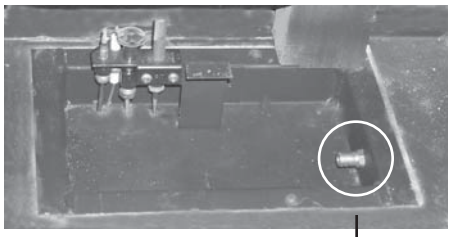
6) Pull off the pilot cap to expose the pilot orifice.



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



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



Burner Orifice

9) Reinstall new burner orifice ULPG stamped #55 and tighten.

10) Install new Burner Assembly (Part #436-526).

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

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

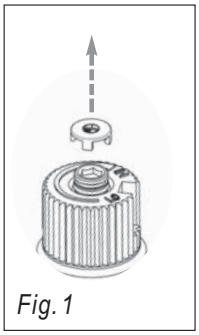


Fig. 1

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

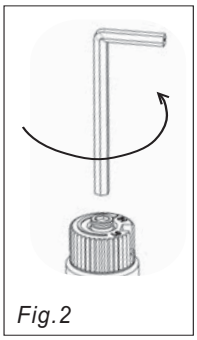


Fig. 2

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

14) Flip the screw (Fig. 3).

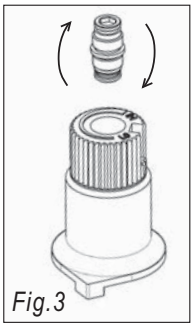


Fig. 3

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

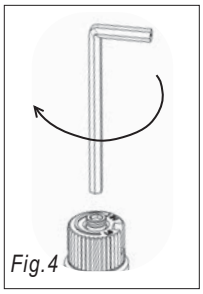


Fig. 4

INSTALLATION

WARNING!
Do not overtighten the screw.
Recommended to
grip the wrench by the short side.

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

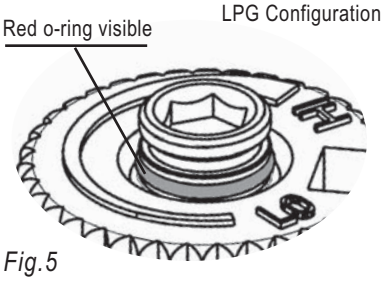


Fig. 5

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

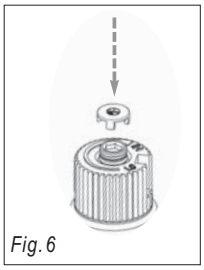


Fig. 6

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

18) Reverse steps 4) to 2).

19) Attach clear label "This unit has been converted to ULPG" near or on top of the serial # decal.

20) Replace yellow "Natural Gas" label with red "ULPG" label.

21) Check ULPG aeration setting.

22) Check for gas leaks.

23) Check inlet and outlet pressures.

24) Check operation of flame control.

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

26) Check manual for venting configurations (refer to venting section).

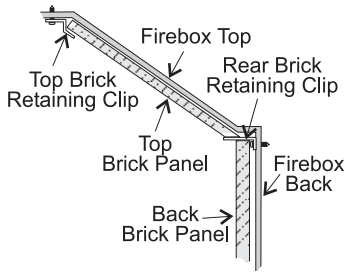
Installer Notice:
These instructions must be left with the appliance.

OPTIONAL BRICK PANELS

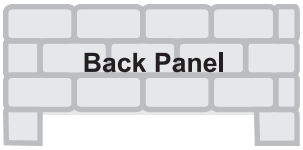
1) Undo the bottom 2 door latches and open and remove glass door. Remove logs.

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

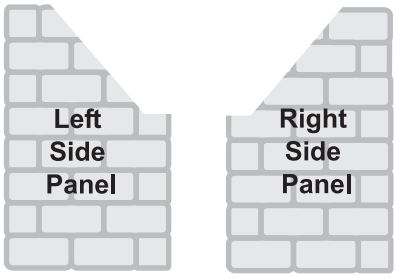
Note: The logs must not be in the unit.



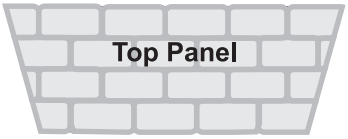
3) Insert the back brick panel by carefully slipping it between the back wall of the firebox and the rear log bracket.



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



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



LOG SET INSTALLATION

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

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

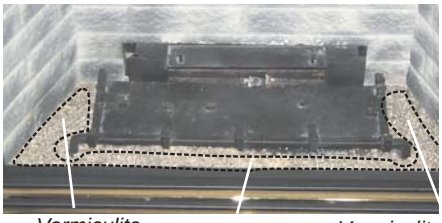
Log Kit # 431-930 contains the following pieces:

A)	250	Rear Log	
B)	254	Middle Cross Log	
C)	253	Front Left Cross Log	
D)	251	Rear Left Log	
E)	252	Front Right Cross Log	
F)		Embers	
G)		Vermiculite	902-179
H)		Rockwool	902-153

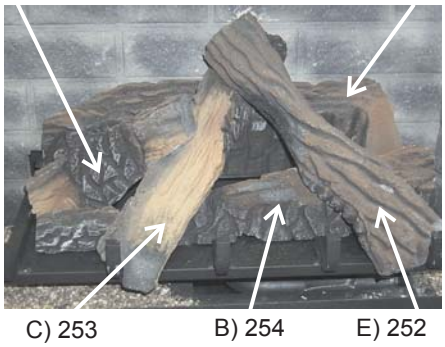
NOTE: If you will be installing the optional Brick Panels, install the Brick Panels prior to installing the logs.

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

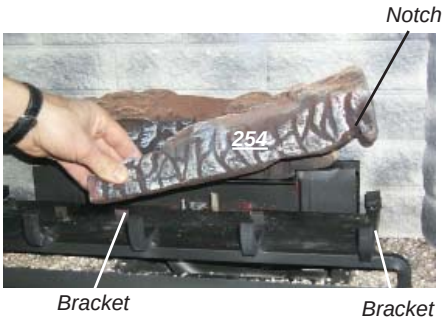
2) Sprinkle the vermiculite and embers around the firebox base.



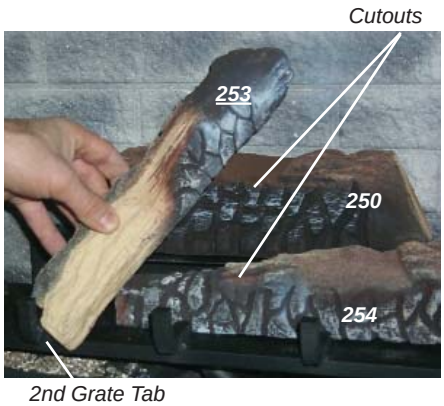
3) Place the Log 250 on the rear log support pins with the flat side to the back.



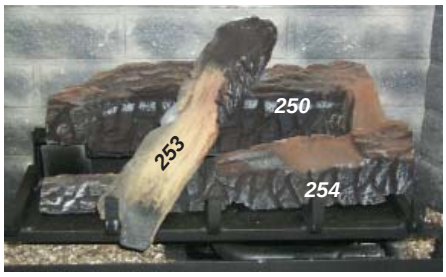
4) Place Log 254 on the front right side of the burner. Push the back of the log against the 2 brackets with the notch on the bottom right side of the log fitting into the right side of the grate.



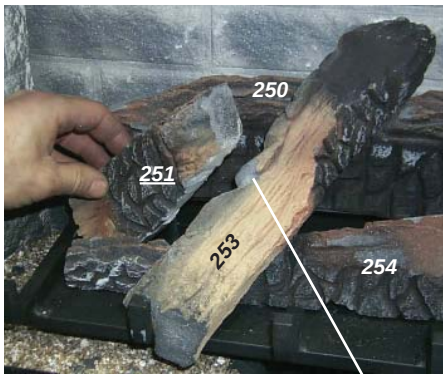
5) Position Log 253 across the cutouts in Logs 250 and 254 with the notch on the left side of the log fitting into the 2nd grate tab.



INSTALLATION

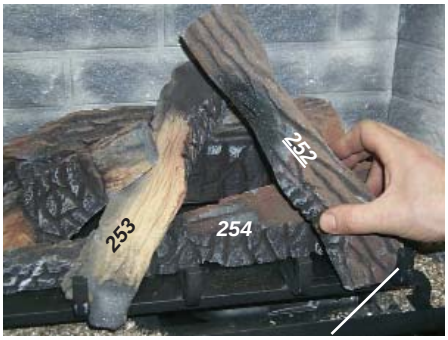


6) Place the bottom left front edge of Log 251 against the left edge of the burner tray and rest the log on the cutout on Log 253.



Cutout

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



5th Grate Tab

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

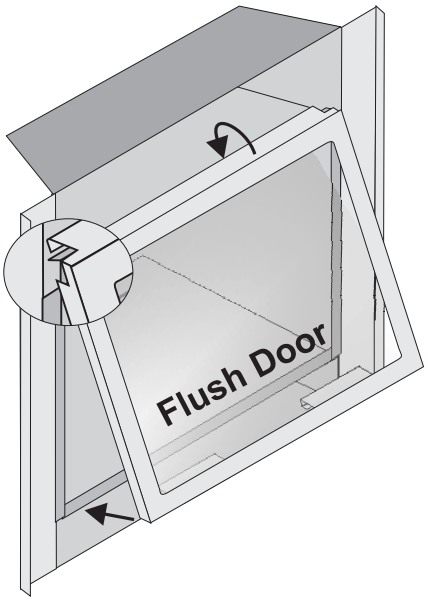
Place rockwool in these 2 locations on the burner tray.

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

10) 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, 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. Diagram 2.



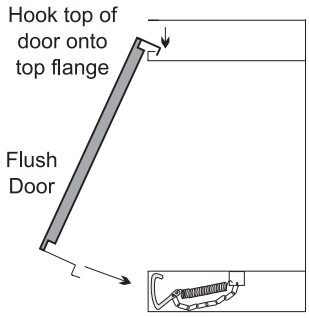


Diagram 1

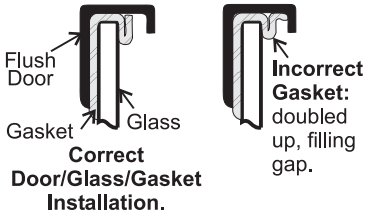


Diagram 2

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.

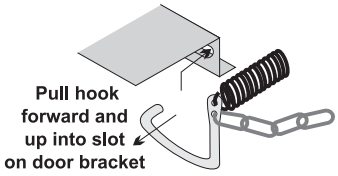
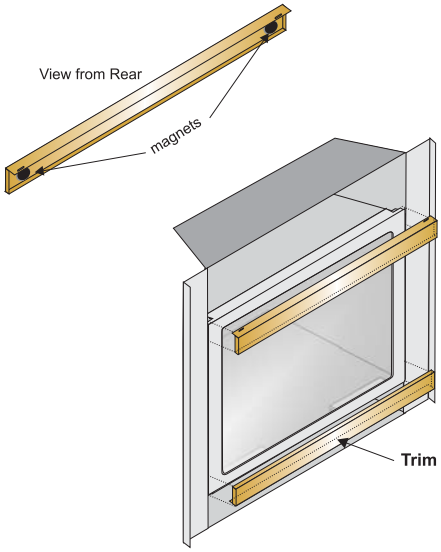


Diagram 3

To remove the flush door, reverse the above steps.

Optional 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) Install the bottom louver by folding the louver down and then sliding the Bottom Louver bracket down onto the 2 pins on the base of the unit (dia. 1). Secure with 1 screw as per diagram 2.

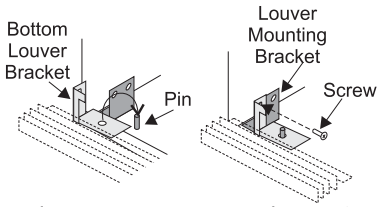
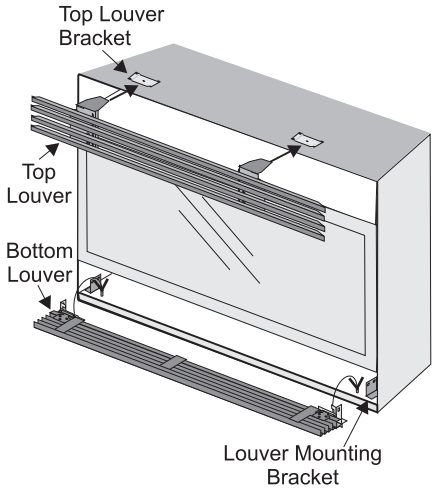


Diagram 1 *Diagram 2*



Note: Top and bottom louvers are different.

INSTALLATION

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 240V 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. (15m)
16 GA.	32 Ft. (10m)
18 GA.	20 Ft. (6m)
20 GA.	12 Ft. (4m)
22 GA.	9 Ft. (3m)

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. Use Thermostat Wire Table.

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

CAUTION
Do not wire millivolt remote control wires to 240V wire.

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

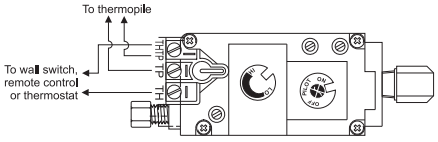
OPTIONAL WALL SWITCH

1) Run the supplied 15' (4.5m) of wire through the right or left side gas inlet opening. Be careful not to damage wire.

Note: We recommend a maximum of 15' (4.5m) of wire but if you wish to go with a longer run, use the Thermostat Wire Table.

2) Connect the wire to the supplied wall switch and install into the receptacle box.

CAUTION
Do not wire millivolt wall switch wire to 240V wire.

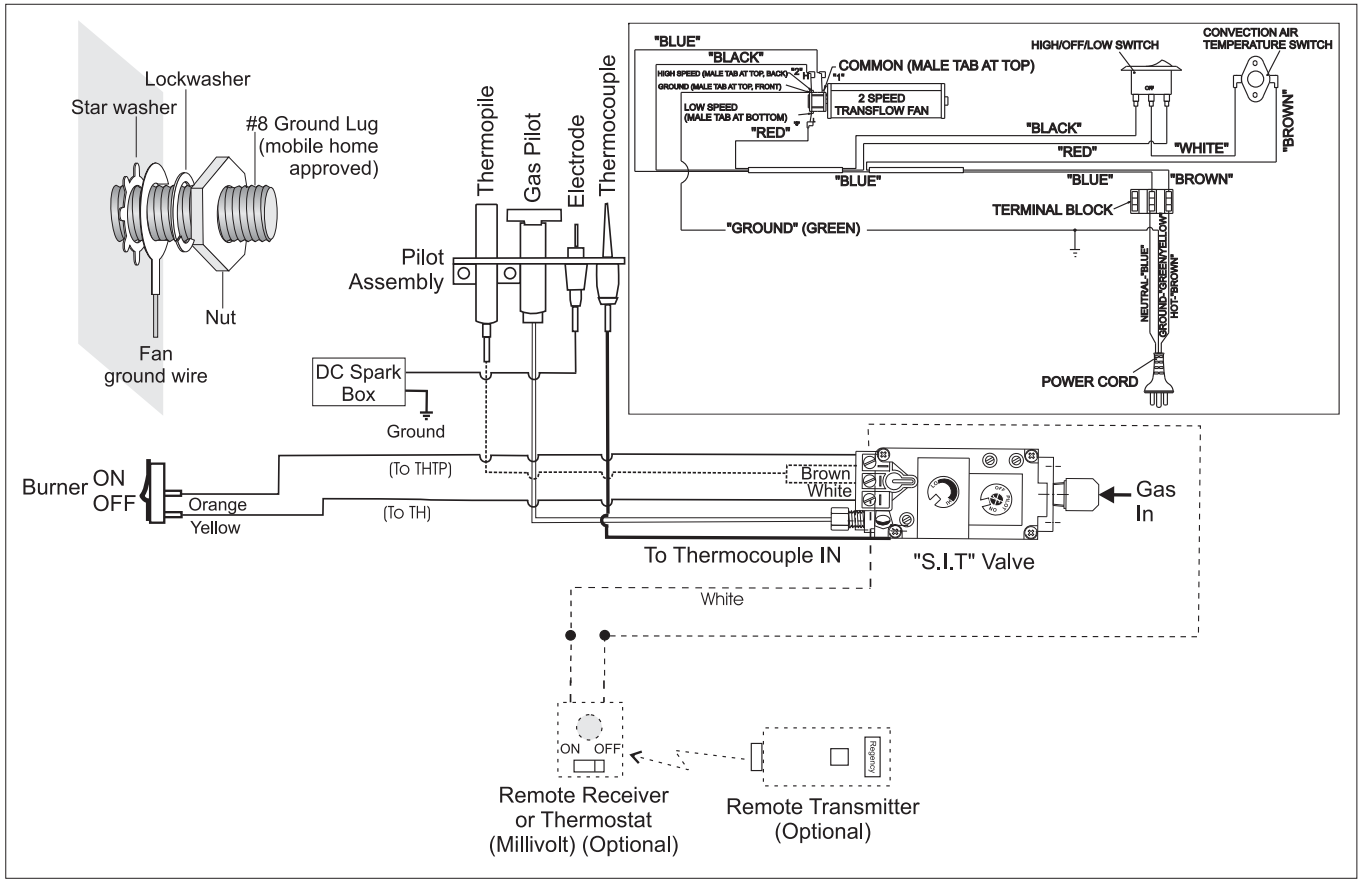


WIRING DIAGRAM

This heater does not require a 240V 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 240V A.C. power supply is needed for the fan/blower operation.

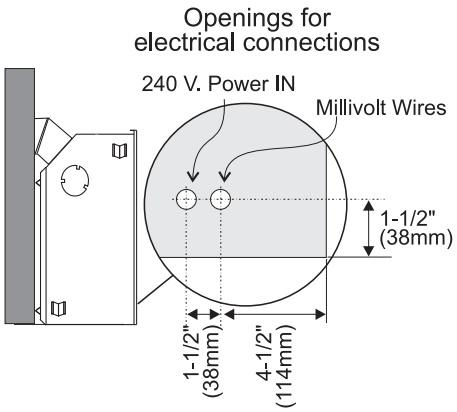
(Do not cut the ground terminal off under any circumstances.)

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.



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

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



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 not, follow the current CAN1-B149/ANSI Z 223.1 (Australia: AS5601-2004, New Zealand: NZS 5261)

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

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

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

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

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

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

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

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

LIGHTING INSTRUCTIONS

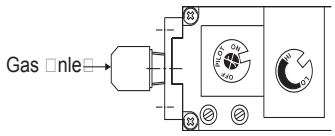
STOP! Read the safety information above on this label.

1) Push in gas control knob slightly and turn to "PILOT" position.

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

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

4) Turn ON the flame switch.



TO TURN OFF GAS APPLIANCE

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

1) Turn OFF the flame switch.

2) Push in gas control knob slightly and turn to "OFF" position.

DO NOT REMOVE THIS INSTRUCTION PLATE

918-253a

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 flueing 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.

LIGHTING PROCEDURE

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

1) Turn burner OFF using "ON/OFF" switch.

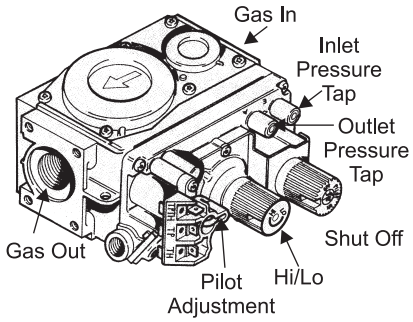
2) Turn gas control knob so indicator points to "OFF" position and allow 5 minutes for any gas in the combustion chamber to escape.

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

4) When the pilot stays lit, turn the gas knob further counterclockwise to the "ON" position.

5) Use the wall switch, thermostat or remote control to turn on the unit.

6) Rotate the flame height regulator to adjust the flame height higher or lower.



SHUTDOWN PROCEDURE

1) Use the wall switch, thermostat or remote control to turn off the main burner.

2) Turn the main gas control clockwise to the "OFF" position to turn off the pilot.

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

FIRST FIRE

The first fire in your fireplace is part of the paint curing process. To ensure that the paint is properly cured, it is recommended that you burn your fireplace for at least four (4) hours the first time you use it with the fan on.

When first operated, the unit will release an odour caused by the curing of the paint, the burning off of any oils remaining from manufacturing. Smoke detectors in the house may go off at this time. Open a few windows to ventilate the room for a couple of hours.

The glass panel may require cleaning after the unit has cooled down. **DO NOT ATTEMPT TO CLEAN THE GLASS WHILE IT IS HOT.**

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

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

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

AERATION SETTING

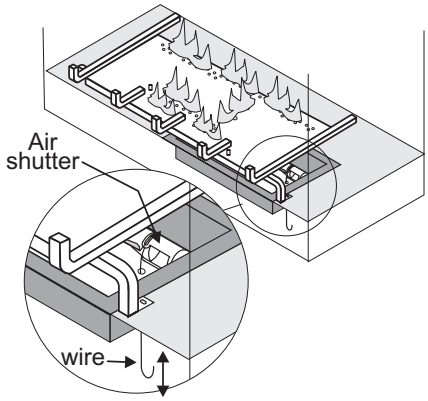
The air shutter can be adjusted by moving the adjusting wire up or down. The burner aeration is factory set but may need adjusting due to either the local gas supply or altitude.

Minimum Air Shutter Opening:

NG	**12.7mm**
LPG	**12.7mm**
ULPG	**Fully Open**

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

Closed - Tall yellow
Open - Short blue



Adjustment Wire: push to close or pull to open aeration cap

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

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

NORMAL OPERATING SOUNDS OF GAS APPLIANCES

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

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

Burner Tray:
The burner tray is positioned directly under the burner tube(s) and logs and is made of a different gauge material from the rest of the firebox and body. Therefore, the varying thicknesses of steel will expand and contract at 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.

MAINTENANCE INSTRUCTIONS

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

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

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

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

5) The appliance and flueing 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 nay part of the control system and any gas control which has been under water.

7) Verify operation after servicing.

General Flue Maintenance

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

1) Check the Flueing 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 Flue. 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 or BRASS LOUVERS/TRIM

The 24 carat gold-plated or brass finish on the louvers and 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.**

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.

THERMOPILE / THERMOCOUPLE

1) Open the bottom louvers.

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

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

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

5) Reinstall the new ones in reverse order.

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

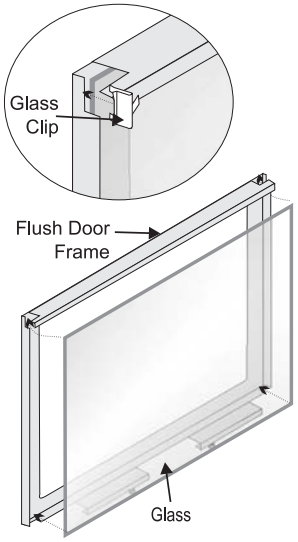
In the event that you break your glass by impact, purchase your replacement from an authorized Regency® dealer only, and follow our step-by-step instructions for replacement.

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

Caution: Wear gloves when removing damaged or broken glass.

Flush Glass Replacement

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



Bay Glass Replacement

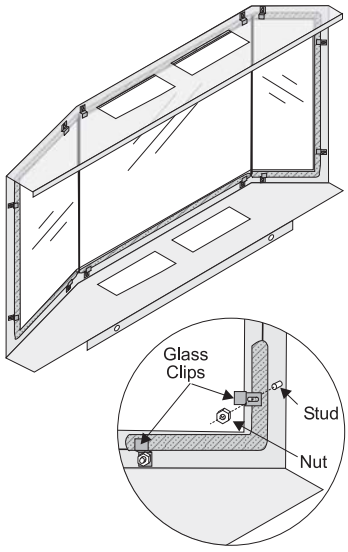
1) Remove the door from the unit and place on a soft surface to prevent scratching.

2) Remove the nuts holding the glass clips in place and remove.

3) Replace the glass. **The glass must have gasketing around it.**

4) Reverse the previous steps, replace the glass clips and fasten with the nuts but do not over tighten, as this can break the glass.

5) Replace door on the fireplace and check the seal.



FAN REPLACEMENT

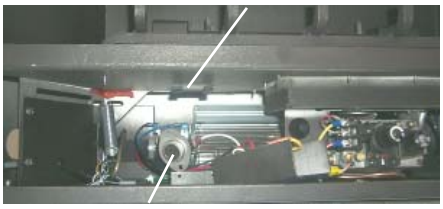
1) **Shut off the power supply.**

2) Remove the bottom louver.

3) Remove the glass door.

4) Remove the 2 screws which secure the fan and the burner switches.

5) Slide the thermodisc out from the bracket clip.



6) Lift the fan from the pins and slide it carefully toward the left front side of the unit.

7) Disconnect all electrical connectors attached to the fan.

8) Remove the fan and reattach the connectors to the new fan.

9) Reverse steps 6 - 1 to install new fan.

REMOVING VALVE

1) Shut off the gas supply.

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

3) Open the flush door and remove the door.

4) Remove the logs.

5) Remove the burner/grate assembly by removing the two Phillips head screws and then lift the burner assembly out.

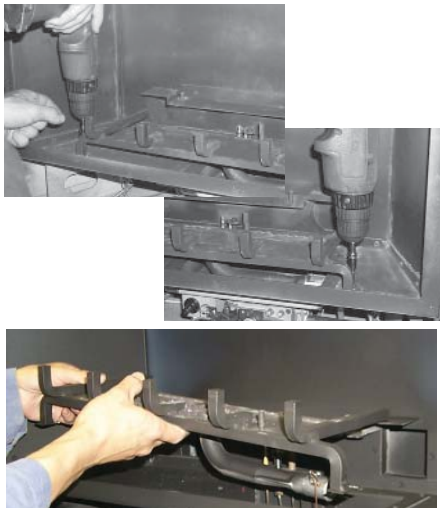


Diagram 1: Remove the left and right screws and then lift out the burner/grate assembly.

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

7) Disconnect the inlet gas line. See diagram 2.

8) Disconnect the 2 TP wires and the 2 TH wires from the valve.

9) Remove the 10 Phillips head screws securing the valve tray assembly in place (diagram 2) and then lift the entire assembly out (diagram 3).

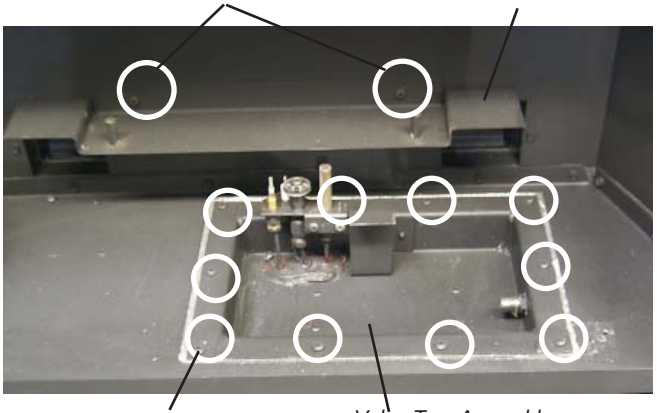


Diagram 2: Rear Log Stand & Valve Tray Assembly

10) Undo the pilot tube from the valve with a 7/16" wrench.

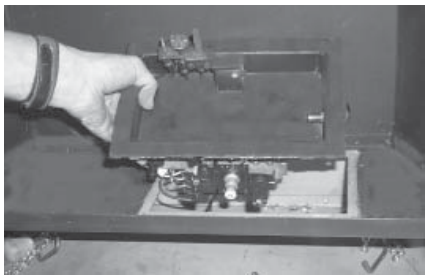
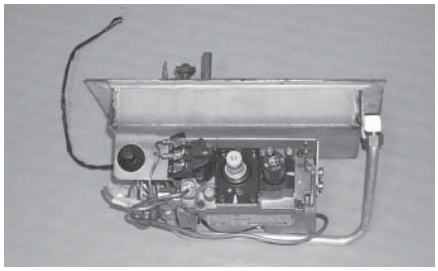


Diagram 3: Lift out Valve Tray Assembly



11) Undo the quick drop out thermocouple nut on the valve with a 9mm (metric) wrench.

12) Remove the Piezo igniter wire and push button assembly.

13) Undo the "gas out" flare nut with a 13/16" wrench.

14) Undo the "gas out" flare fitting with an 11/16" wrench.

15) Remove the 4 Phillips head screws from the sides of the valve bracket and remove valve.

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

INSTALLING VALVE

1) Attach the valve to the valve bracket with the 4 (m5x8 metric) screws provided.

2) Reconnect the "gas out" flare fitting with an 11/16" wrench.

3) Reconnect the "gas out" flare nut with a 13/16" wrench.

4) Install piezo ignitor push button assembly and reconnect wire.

5) Reconnect the quick drop out thermocouple nut with a 9mm wrench.

6) Reconnect the pilot tube nut with a 7/16" wrench.

7) Scrape off the old gasket from the floor of the firebox and from the valve tray assembly.

8) Install a new gasket and reinstall the valve tray assembly.

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

9) Reinstall the 10 hold down screws.

10) Hook up the 2 TP and 2 TH wires to the appropriate connections on the valve.

11) Reinstall the front log stand.

12) Install Burner/grate assembly.

13) Hook up the gas line and check for gas leaks with a soap and water solution or a gas leak detector. (Do not use open flame for leak testing.)

14) Fire up the unit temporarily.

15) Check the manifold pressure.

16) Reinstall the logs and brick panels as needed.

17) Close the door and replace the louvers.

18) Fire up the unit again and check for proper flame appearance and glow on logs.

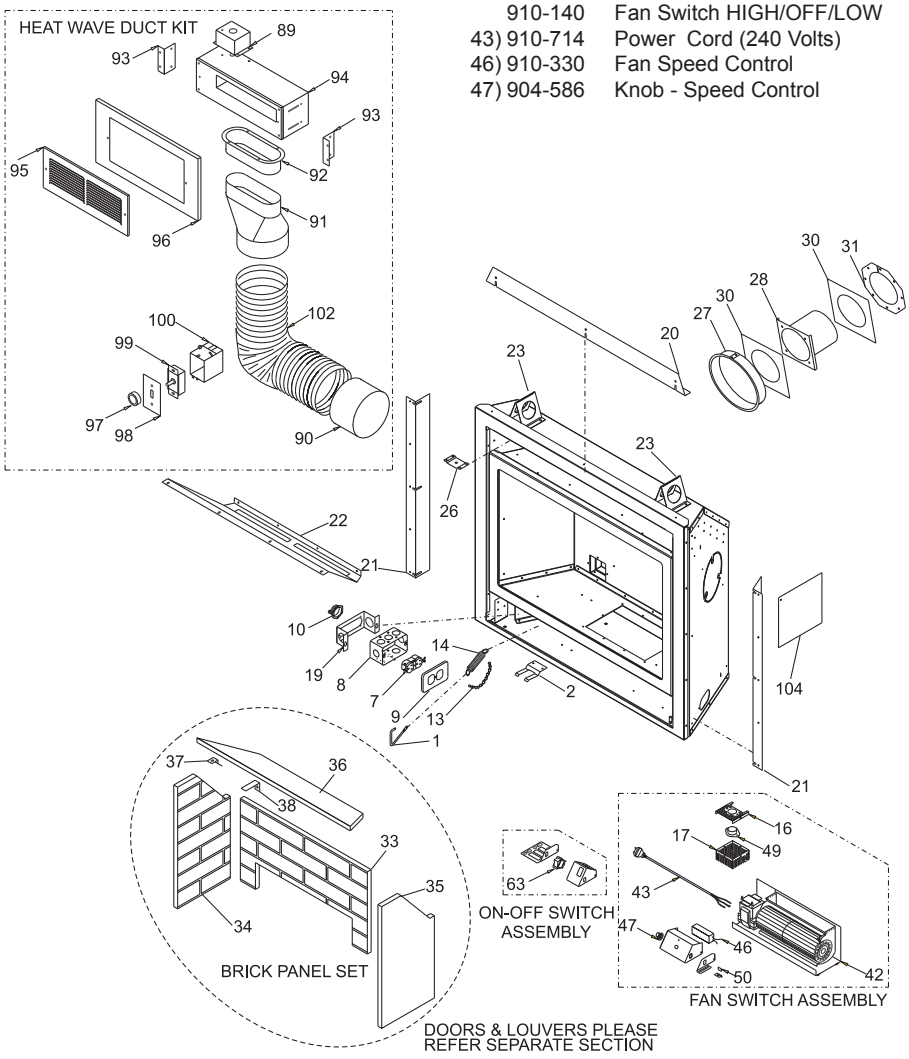
Main Assembly

Part #	Description
1) 948-247	Door Handle
2) *	Thermodisc Bracket
7) 910-428	Duplex Receptacle
8) 910-429	Box - Receptacle
9) 910-430	Cover - Receptacle
10) 904-687	Clamp Connector
13) 948-045	#12 Jack Chain
14) 948-115	Door Extension Spring
16) *	Thermodisc Top
17) *	Thermodisc Box Base
19) 430-129	Receptacle Box Mount
20) 430-031	Top Nailing Strip
21) 430-032	Side Nailing Strip
22) 433-017	Firebox Baffle
23) 433-011F	Top Standoff
24) 511-044	Standoff - Side
790-091	Standoff - Rear

Part #	Description
26) *	Louver Hold Down
27) *	Outer Flue Collar
28) *	Inner Flue Collar Assembly
30) *	Gasket - Flue Collar
31) *	Flue Mounting Plate
432-901	Brick Panel Set - Standard Brown
432-902	Brick Panel Set - Standard Red
432-903	Brick Panel Set - Herringbone Brown
432-904	Brick Panel Set - Herringbone Red
33) *	Brick Panel - Rear
34) *	Brick Panel - Left Side
35) *	Brick Panel - Right Side
36) *	Brick Panel - Top
37) 430-056	Brick Clip - Top
38) 430-057	Brick Clip - Bottom
42) 910-169/P	Fan Motor (240 Volts)
910-140	Fan Switch HIGH/OFF/LOW
43) 910-714	Power Cord (240 Volts)
46) 910-330	Fan Speed Control
47) 904-586	Knob - Speed Control

Part #	Description
49) 910-142	Thermodisc - Fan Auto ON/OFF
50) 904-713	U-Clip at Louver
432-967	Burner On/Off Switch Assy
63) 910-241	Switch - Burner On/Off
910-899	Wire Harness - Valve to Burner
946-556	Optional Heat Wave Duct Kit
89) 946-004	Junction Box
90) 946-000	Round Duct Adaptor
91) 946-002	Round to Oval Adaptor
92) 946-001	Oval Duct Adaptor
93) 946-007	Angle Bracket
94) 946-517/P	Fan Assembly - HeatWave Option
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"
104) 690-022F	Cover Plate
510-994	Dura-Vent Adaptor
918-537	Manual
433-968	Conversion Kit - NG to LPG
434-967	Conversion Kit - NG to ULPG

*Not available as a replacement part.

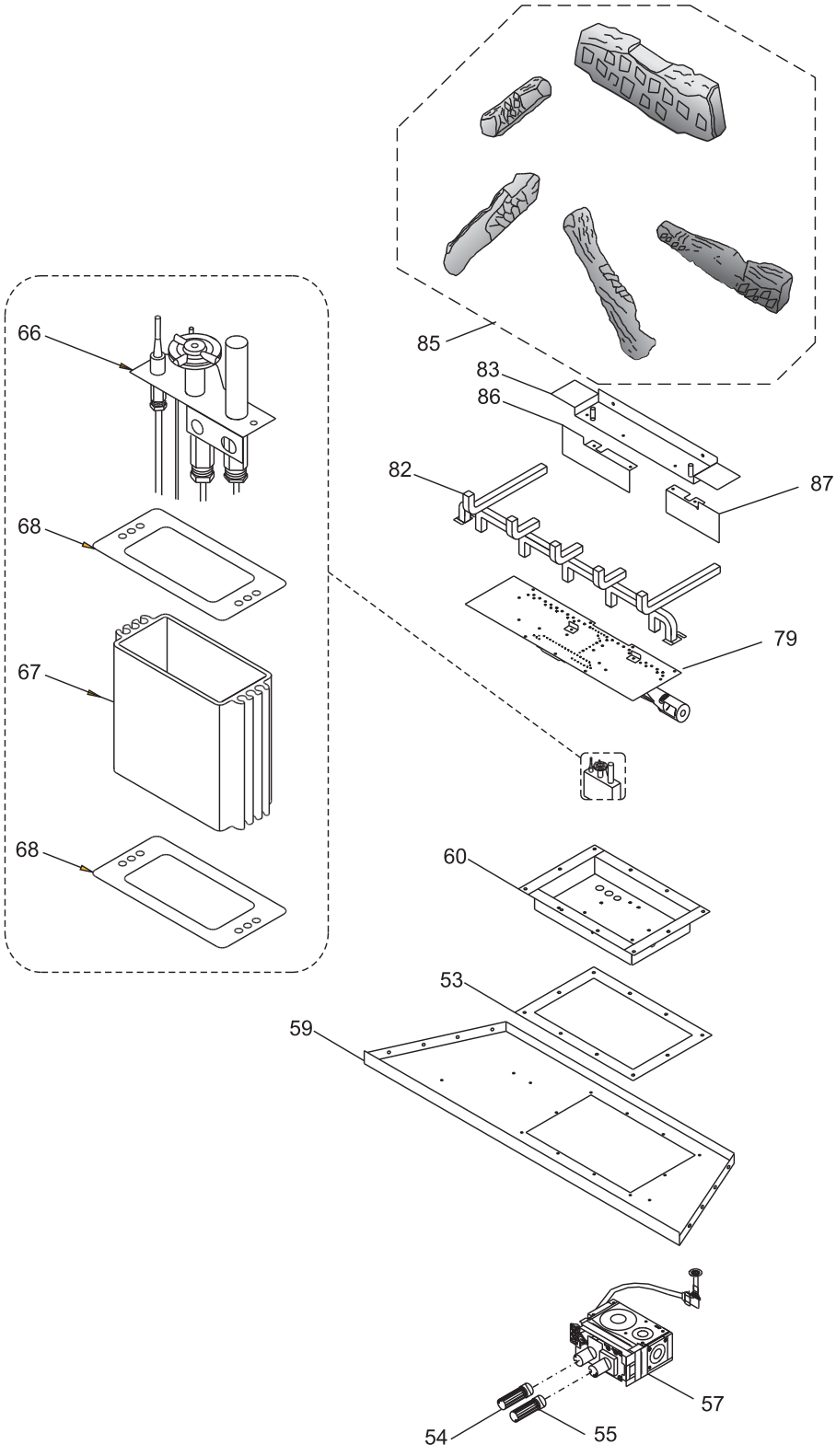


PARTS LIST

Burner & Log Assembly

Part	Description
53) 430-055	Gasket - Valve Access Plate - NG/LPG
54) 910-421	Pilot ON/OFF Extension Knob
55) 910-422	Flame HI/LOW Extension Knob
432-560/P	Valve Assy - NG
432-572/P	Valve Assy - LPG
57) 910-478	S.I.T. Valve - NG/LPG
58) *	Valve Bracket
59) *	Firebox Base
60) *	Valve Tray
66) 910-038	Pilot Assy - 3 way flame - S.I.T. - NG
910-039	Pilot Assy - 3 way flame - S.I.T. - LPG
904-568	Orifice #44 - NG
904-163	Orifice #54 - LPG
936-170	Orifice Gasket
67) *	Pilot Holder
68) W840470	Pilot Assembly Gasket
79) 433-525	Burner Assy - NG/LPG
82) 433-024	Burner Grate Assembly - NG/LPG
83) *	Rear Log Support Bracket - NG/LPG
85) 431-930	Log Set
86) 430-097	Air Deflector-Left
87) 433-018	Air Deflector-Right

*Not available as a replacement part.

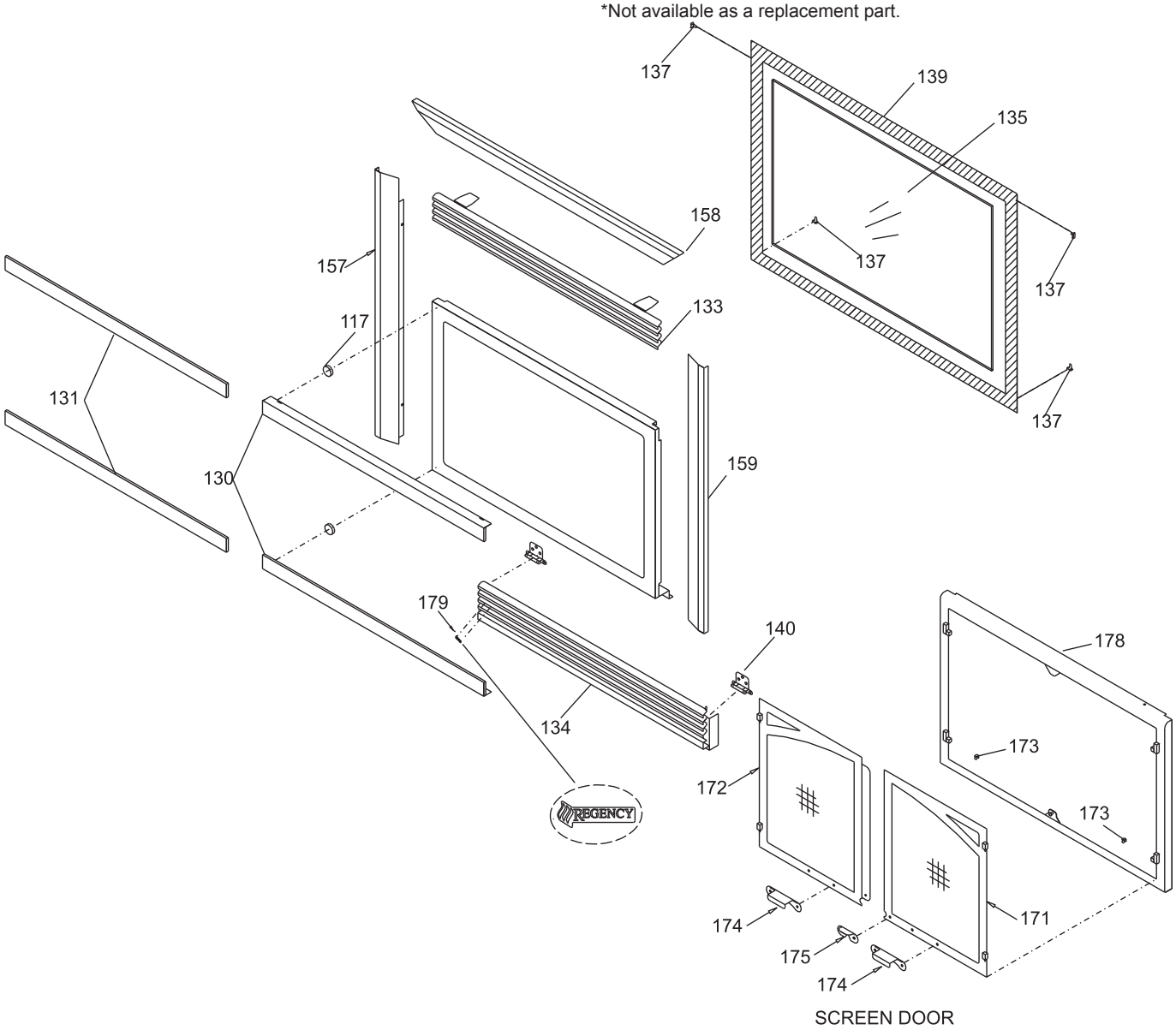


Flush Front & Louvers

	Part #	Description
117)	904-196	Magnet - 1' round
130)	430-924	Flush Glass Trim (set) - Gold (Option)
131)	430-926	Flush Glass Trim (set) - Brass (Option)
	430-947	Flush Glass Trim (set) - Brushed Steel (Option)
	430-918	Flush Louvers (set) - Gold/Black (Option)
	430-920	Flush Louvers (set) - Brass/Black (Option)
	430-922	Flush Louvers (set) - Black (Option)
	430-923	Flush Louvers (set) - Black/Steel (Option)
133)	*	Flush Louver Assy-Top
	430-162	Front Deflector
134)	*	Flush Louver Assy-Bottom
	433-538	Flush Door Assembly Complete
135)	940-088/P	Glass (Flush)
137)	904-691	U-Clip
139)	936-155	Glass Gasket (Tadpole)
140)	948-042	Spring Hinge - Black

	Part #	Description
	430-940	Finishing Trim (Set) - Black (Option)
	430-942	Finishing Trim (Set) - Brass (Option)
157)	*	Finishing Trim Left
159)	*	Finishing Trim Right
158)	*	Finishing Trim Top
	431-943	Double Screen Door Complete (Option)
171)	*	Door Frame Left Assembly
172)	*	Door Frame Right Assembly
173)	904-712	U-Clip for Frame
174)	430-133	Door Handle
175)	511-084	Door Latch
178)	*	Door Support Frame Assembly
	904-715	Pushnut Fastener 3/16"
	*	Screw - #8 x 1/2"
179)	948-216	Regency® Logo Plate

*Not available as a replacement part.



SCREEN DOOR

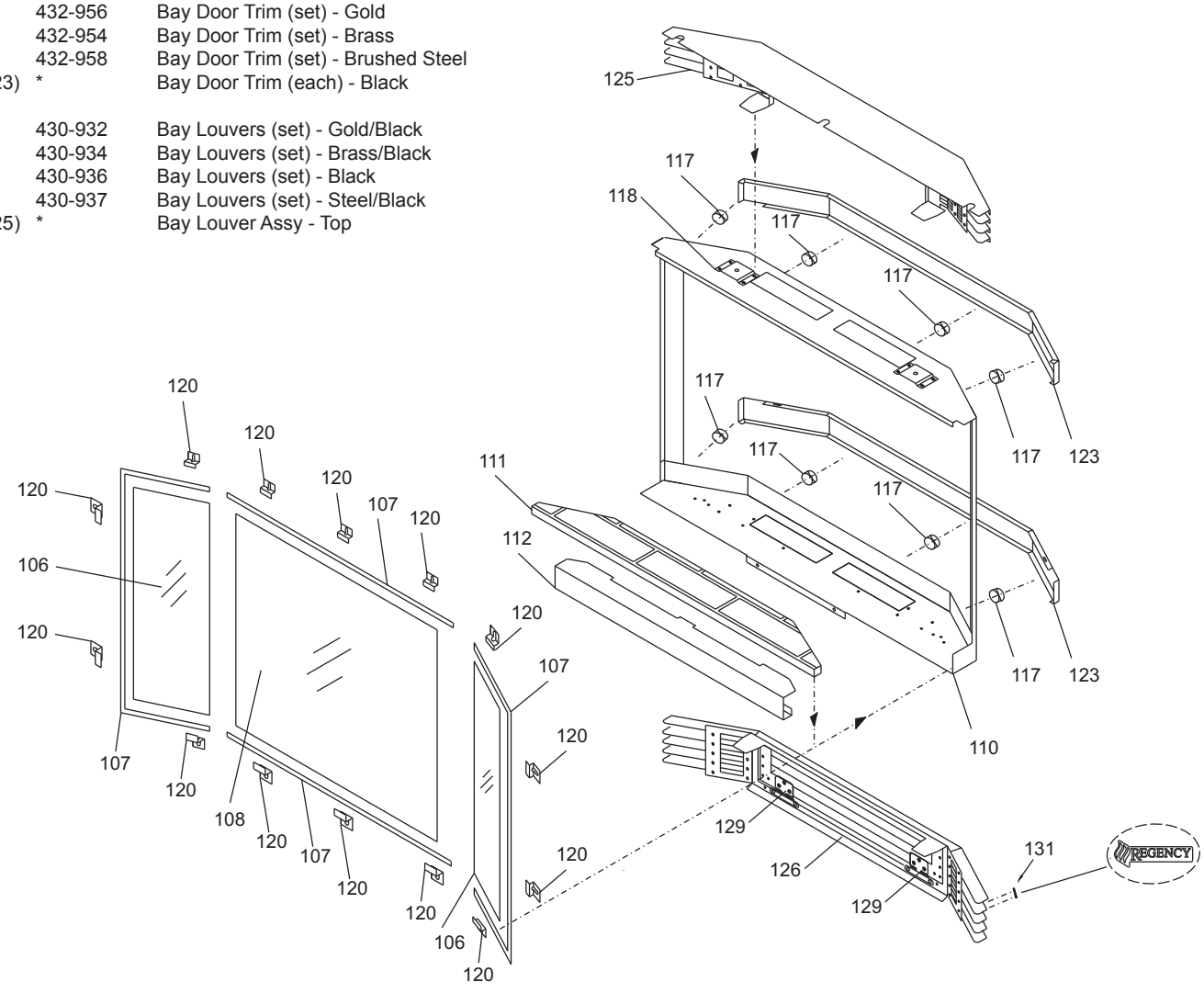
PARTS LIST

Bay Front & Louvers

	Part #	Description
	430-930	Bay Front Complete
106)	940-079/P	Side Glass
107)	936-243	Glass Gasket
108)	940-078/P	Center Glass
110)	*	Bay Door Frame
111)	432-905	Bay Brick Panel - Standard Brown
	432-906	Bay Brick Panel - Standard Red
112)	*	Bay Brick Panel Spacer
117)	904-196	Magnet (1" round)
118)	*	Louver Hold Down
120)	400-189	Glass Retainer
	432-956	Bay Door Trim (set) - Gold
	432-954	Bay Door Trim (set) - Brass
	432-958	Bay Door Trim (set) - Brushed Steel
123)	*	Bay Door Trim (each) - Black
	430-932	Bay Louvers (set) - Gold/Black
	430-934	Bay Louvers (set) - Brass/Black
	430-936	Bay Louvers (set) - Black
	430-937	Bay Louvers (set) - Steel/Black
125)	*	Bay Louver Assy - Top

	Part #	Description
	433-026	Bay Door Deflector
126)	*	Bay Louver Assy-Bottom
129)	948-042	Hinge
131)	948-216	Regency® Logo Plate

*Not available as a replacement part.



WARRANTY

Regency® Fireplace Products are designed with reliability and simplicity in mind. In addition, our internal Quality Assurance Team carefully inspects each unit thoroughly before it leaves our door. FPI is pleased to extend this limited lifetime warranty to the original purchaser of a Regency® Product.

The Warranty: Lifetime
Covered under the agreement are the following components: Combustion chamber, heat exchanger, burner tubes, logs, embers, glass (thermal breakage) and all gold plating against defective manufacture.

NOTE: Gold Plated Barcelona Front - slight imperfections in the gold plating are due to the plating process and are not considered defects.

The above will be covered for parts and labour for the first five years and parts only thereafter.

Electrical components such as blowers, switches, wiring, thermodiscs, remote control, thermopiles, thermocouples and gas valves are covered for one year from the date of purchase.

The warranty on brass parts is for one year, no labour. The brass is not warranted against tarnishing.

Conditions:
All installations must be performed by a qualified gas fitter and installed according to all applicable local and national codes. Also, all service work must be carried out by a qualified gas service person provided by the selling dealer. It is the responsibility of the installer to ensure that the appliance is firing as per rating plate. Any part or parts of this unit which in our judgement show evidence of such defect will be repaired or replaced at Regency®'s option, through an accredited distributor or agent provided that the defective part be returned to the distributor or agent **Transportation Prepaid,** if requested. In areas where there is not an approved service agent or the closest approved service agent is situated more than twenty-five (25) kilometres from the installation, Air Group Australia are not obliged to arrange warranty repairs and travel and/or additional labour charges will apply.

Exclusions:
This limited Lifetime Warranty does not extend to or include paint, door or glass gasketing or trim. It does not cover installation and operational related problems such as over-firing, downdrafts or spillage caused by environmental conditions, nearby trees, buildings, hilltops, mountains, inadequate flueing or ventilation, excessive offsets, negative air pressures caused by insufficient make up air, mechanical systems such as furnaces, fans, clothes dryers etc.

The warranty does not extend to any part or parts which show evidence of misuse or abuse, neglect, accident, lack of maintenance, or improper installation.

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

FPI Ltd., shall in no event be liable for any special, indirect consequential damages of any nature whatsoever which are in excess of the original purchase price of the product. Any alteration to the unit which causes sooting or carboning that results in damage to the exterior facia is not the responsibility of FPI.

General:
It is essential that all submitted claims provide all of the necessary information including purchase date, serial #, type of unit and part or parts requested.

SUBJECT TO CHANGE.

DISTRIBUTORS:	**Western Australia**	**Eastern Australia**
	Air Group Australia	Fireplace Products Australia PTY. Ltd.
	28-30 Division St.	1-3 Conquest Way
	Welshpool, WA 6106	Hallam, VIC 3803
	08 9350 2200	03 9799 7277

NOTE: PLEASE RETAIN YOUR INVOICE AS PROOF OF PURCHASE FOR WARRANTY VERIFICATION

INCORRECT INSTALLATION OR GAS PRESSURE SETTINGS ARE NOT COVERED BY WARRANTY

A SERVICE OR CALLOUT FEE WILL BE CHARGED IN THESE CIRCUMSTANCES.

Register your Regency® warranty online www.regency-fire.com.au

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.
- Help assure you get the most out of your warranty.
- Eliminate confusion and frustration if warranty** service is required in the future.

** Proof of purchase required at time of warranty request.

Installer: Please complete the following information

Dealer Name & Address:_____

_____

Installer: _____

Phone #: _____

Date Installed: _____

Serial No.:_____

Printed in Canada