REGENCY
FIREPLACE PRODUCTS

# Greenfire® GF900L Gas Fireplace

## Owners & Installation Manual

MODELS: GF900L-NG
GF900L-LP
GF900L-ULPG

*GF900L Video*

LISTINGS AND CODE APPROVALS

These gas appliances have been tested in accordance with AS4553 / NZS5262 / NZS5266 and have been certified by the Australian Gas Association for installation and operation as described in these Installation and Operating Instructions.

Must be installed as per AS/NZS5601-2013

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

**www.regency-fire.com.au**

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

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

**Installation and service must be performed by a qualified installer, service agency or the gas supplier.**

**FOR YOUR SAFETY**
**What to do if you smell gas:**

- **Do not try to light any appliance.**
- **Do not touch any electrical switch.**
- **Do not use any phone in your building.**
- **Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.**
- **If you cannot reach your gas supplier, call the fire department.**

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

**To the New Owner:**

Congratulations!
You are the owner of a state-of-the-art Gas Fireplace by REGENCY®. The GF900L has been designed to provide you with all the warmth and charm of a wood fireplace at the flick of a switch. The model GF900L has been approved by AGA 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.

*GF900L Video*

## PAIRING THE REMOTE HANDSET AND CONTROL BOX ID CODE

The Remote Control Handset has a set of unique ID codes that is pre-programmed into its memory. This set of ID codes helps to differentiate one Remote Control Handset from another so that only the control box with a matching ID code will respond to the appropriate Remote Control Handset.
To match the control box, the following steps are to be followed:

1. Ensure the Remote is switched OFF.
2. Remove main power to the control box.
3. Reconnect main power to the control box.
4. Press and hold the PROG and FAN buttons simultaneously. The temperature display will show the letters “LC” momentarily indicating the ID codes have been transmitted
5. The display will revert back to the normal off mode display.
6. Release both the PROG and FAN buttons.

The control box will only learn the Remote ID codes during the first 30 seconds after power is applied and will ignore this special command from the Remote after the first 30 seconds

**Note:** The pairing up process can be carried out by anyone.
**Note:** In addition; please also go to: www.regency-fire.com.au to see the pairing up video.

# table of contents

# safety decal

This is a copy of the data badge that accompanies each GF900L Direct Vent Gas Fireplace. We have printed a copy of the contents here for your review.

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

**COPY OF DATA BADGE**

## Regency Gas Fireplace

| Model | ○ | ○ | ○ |
|---|---|---|---|
| **Gas Type** | **NG** | **LP** | **ULPG** |
| Model | **GF900L-NG** | **GF900L-LP** | **GF900L-ULPG** |
| Gas Consumption | 35 MJ/hr | 28 MJ/hr | 28 MJ/hr |
| Manifold Pressure | 0.87 kPa | 2.49kPa | 2.49 kPa |
| Injector Size | 1 x #35<br>2.80mm | 1 x #53<br>1.50mm | 1 x #53<br>1.50mm |

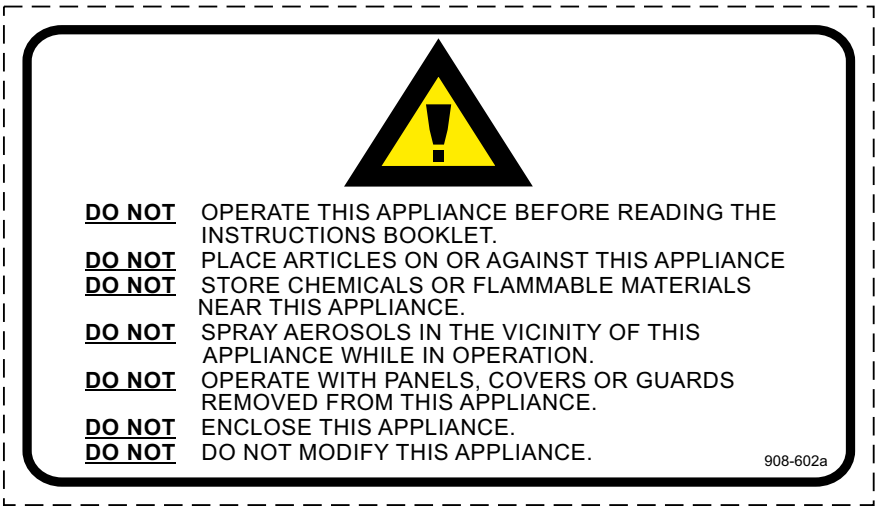
Approval No. AGA 7908 G
Code AS4553 / NZS5262 / NZS5266

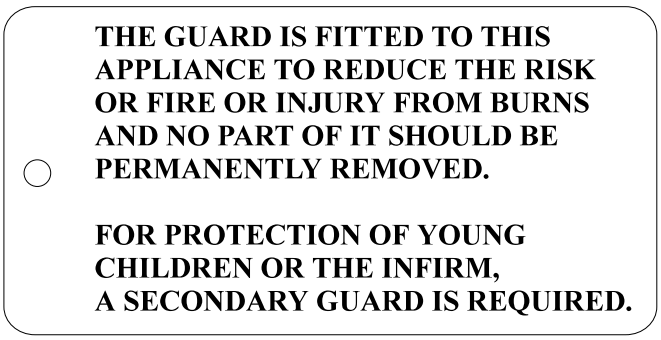
Distributed by:
Western Australia:
**Air Group Australia**
**28 Division St**
**Welshpool, WA 6106**
Eastern Australia
**Fireplace Products**
**Australia Pty. Ltd.**
**1 Conquest Way**
**Hallam, VIC 3803**
New Zealand:
**Aber Holdings**
**17 Main Street Place**
**Te Rapa, HA 3200**
To be installed by an authorised person in accordance with installation instructions provided with the appliance.

Electrical: 240V 50 Hz

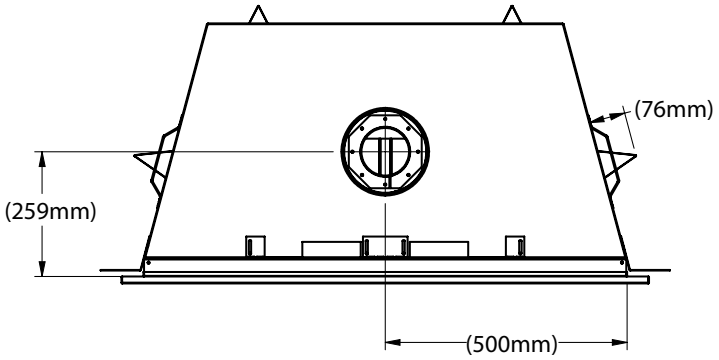
Serial Number **405**

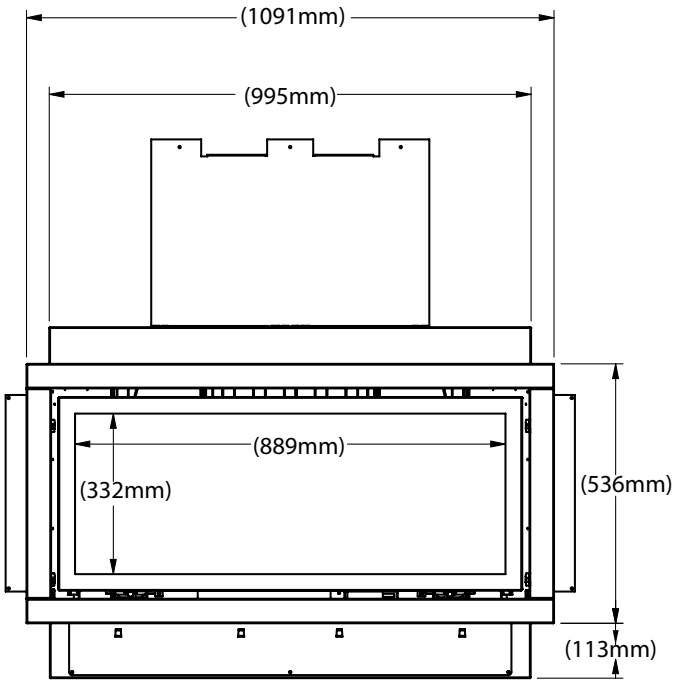
919-117b

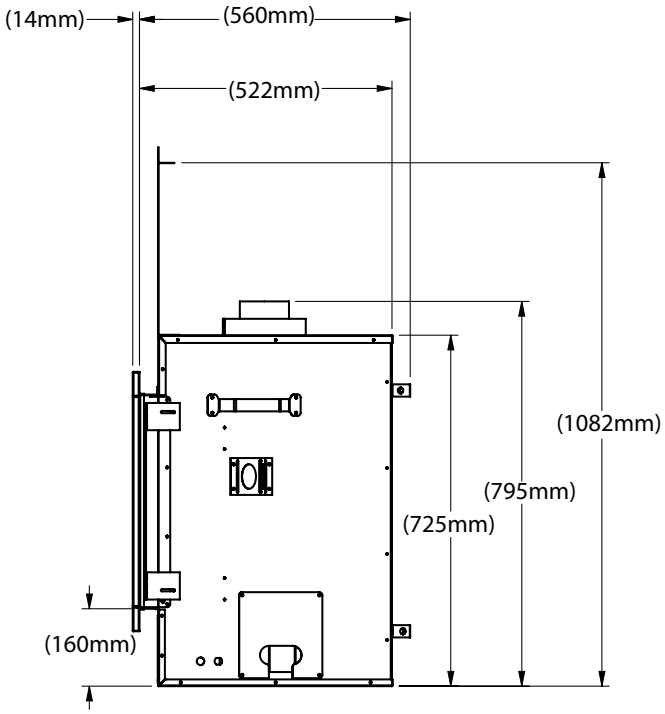


## UNIT DIMENSIONS



## IMPORTANT MESSAGE SAVE THESE INSTRUCTIONS

The GF900L™ Direct Vent Fireplace must be installed in accordance with these instructions. Carefully read all the instructions in this manual first. Consult the "authority having jurisdiction" to determine the need for a permit prior to starting the installation. It is the responsibility of the installer to ensure this fireplace is installed in compliance with manufacturers instructions and all applicable codes and complies with a AS/NZS 5601-2013.

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

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

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

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

**YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE SAME AREA AS THE APPLIANCE. TODDLERS, YOUNG CHILDREN AND OTHERS MAY BE SUSCEPTIBLE TO ACCIDENTAL CONTACT BURNS. A PHYSICAL BARRIERS IS RECOMMENDED IF THERE ARE AT RISK INDIVIDUAL IN THE HOUSE. TO RESTRICT ACCESS TO A FIREPLACE OR STOVE, INSTALL AN ADJUSTABLE SAFETY GATE TO KEEP TODDLERS, YOUNG CHILDREN AND OTHER AT RISK INDIVIDUALS OUT OF THE ROOM AND AWAY FROM HOT SURFACES.**

**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 Installation and Building Codes.

**2)** The appliance when installed, must be electrically grounded in accordance with local codes.

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

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

**5)** Inspect the 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 an authorized service person. A professional service person should be called to inspect this appliance annually. Make it a practice to have all of your gas appliances checked annually.

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

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

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

"THIS UNIT MUST ALWAYS TERMINATE / FLUE DIRECTLY TO THE OUTDOORS."

## INSTALLATION CHECKLIST

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

**2)** Assemble the standoffs and nailing strips (Refer to "Unit Assembly Prior to Installation).

**3)** Slide unit into place.

**4)** Install vent (Refer to "Flueing Arrangement" sections).

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

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

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

**8)** Install standard and optional features. Refer to the following sections:

   a) Log Install
   b) Faceplate / Door Frame Overlay
   c) Remote Control

**9)** 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.**

## LOCATING YOUR GAS FIREPLACE

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

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

**3)** The GF900L Direct Vent Gas Fireplace can be installed in a recessed position or framed out into the room as in A, B, C and D. See Diagram 1.

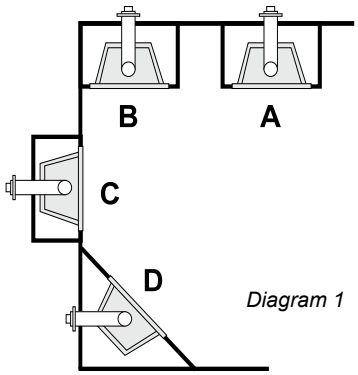



*Diagram 1*

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

**4)** The GF900L Direct Vent Gas Fireplace is approved for alcove installations, see "Clearances" section for details.

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

**Note: For flue terminations refer to "Exterior Flue Termination Locations" section.**

## CLEARANCES

**The clearances listed below are Minimum distances unless otherwise stated:**

**A major cause of chimney related fires is failure to maintain required clearances (air space) to combustible materials. It is of the greatest importance that this fireplace and vent system be installed only in accordance with these instructions.**

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

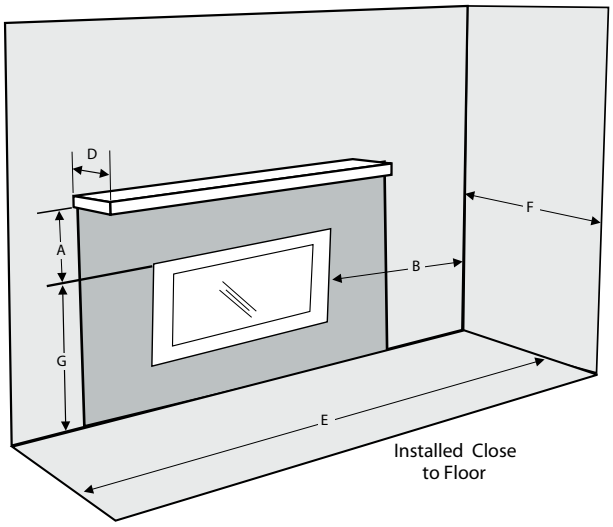
**WARNING**
**Fire hazard is an extreme risk**
**if these clearances (air space) to combustible materials are not adhered to. It is of greatest importance that this fireplace and vent system be installed only in accordance with these instructions.**

| Clearance: | Dimension | Measured From: |
|---|---|---|
| **A: Mantel Height (min.)** | 438mm | Top of Fireplace Opening |
| **B: Sidewall (on one side)** | 146mm | Side of Fireplace Opening |
| **C: Ceiling (room and/or alcove)** | 1003mm | Top of Fireplace Opening |
| **D: Mantel Depth (max.)** | 305mm | 667mm Above Fireplace Opening |
| **E: Alcove Width** | 1480mm | Sidewall to Sidewall (Minimum) |
| **F: Alcove Depth** | 787mm | Front to Back Wall (Maximum) |
| **G: From Floor** | 610mm | Top of Fireplace Opening |
| **Note:** | 0 | No hearth required |

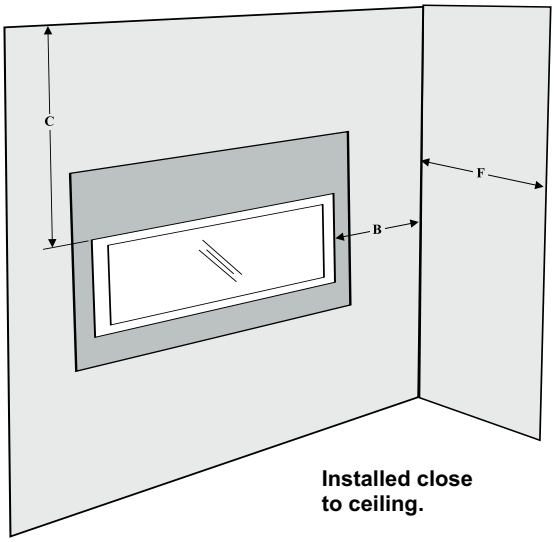
**NOTE:** The unit can be installed onto a combustible base.

| Flue Clearances to Combustibles | |
|---|---|
| Horizontal - Top | 76mm |
| Horizontal - Side | 51mm |
| Horizontal - Bottom | 51mm |
| Vertical | 51mm |

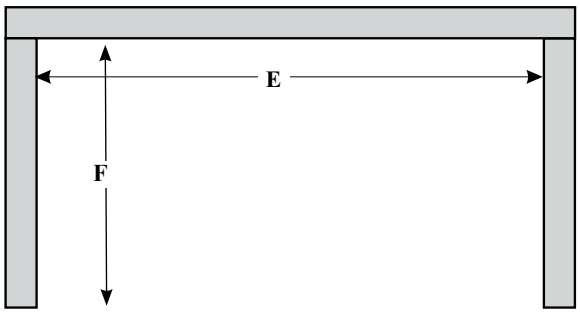
**IMPORTANT: If installing a television above this appliance, the television must be either fully recessed into the wall above the fireplace and or have a mantle below the television. If the television is left unprotected, the extreme heat being emitted fom this appliance will result in damage to the television. See clearance requirements for both mantle (page 9) and or enclosing the top of the appliance (Page 11 D dimensions).**



Installed Close to Floor



**Installed close to ceiling.**

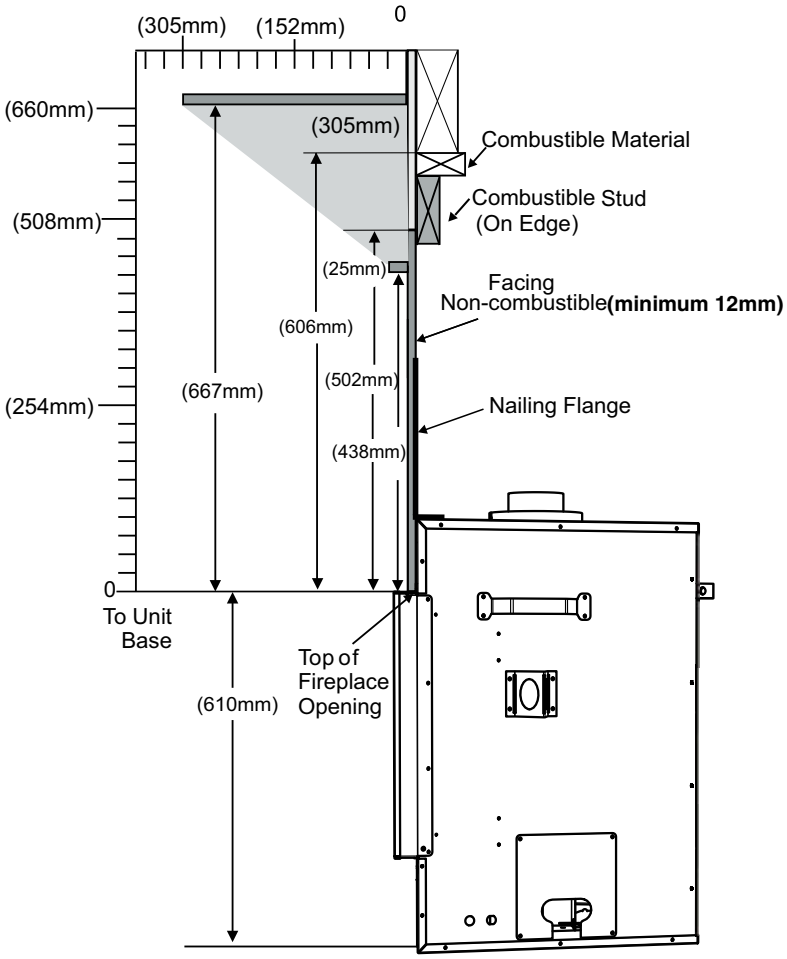


*Alcove*

## MANTEL CLEARANCES

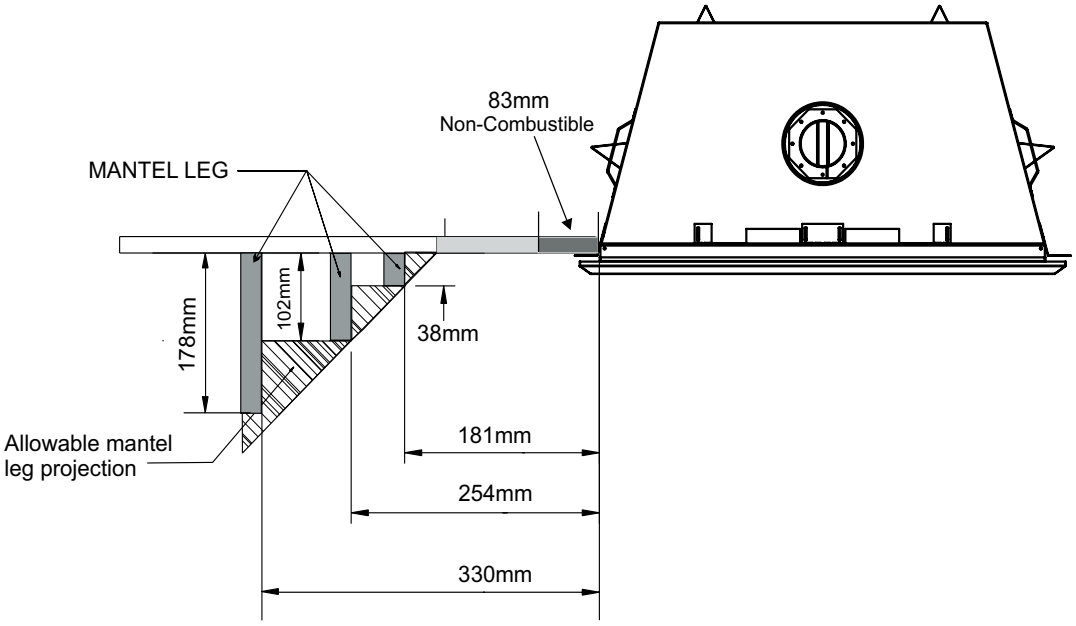
**Due to the extreme heat this fireplace emits, the mantel clearances are critical.** Combustible mantel clearances from top of front facing are shown in the diagram on the right.

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




## MANTEL LEG CLEARANCES

Combustible mantel leg clearances as per diagram:



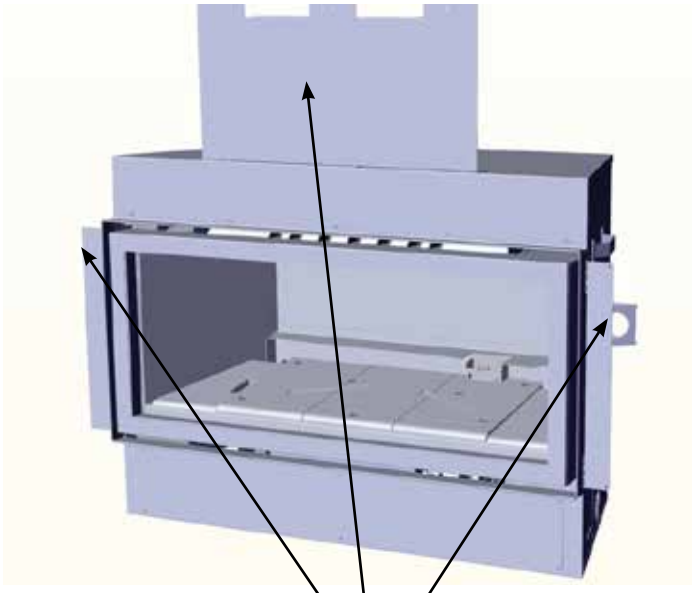
## UNIT ASSEMBLY PRIOR TO INSTALLATION

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

## NAILING STRIPS

The nailing strips come attached to the unit. There is 1 plate on each side, 1 on the top.
The top and side nailing strips are secured to the framing.

**IMPORTANT NOTE**
Framing depth measurement is noted with the nailing strips set as far forward on the firebox as possible. The nailing strips can be adjusted back up to 38mm to allow for varying thicknesses in non-combustible material & wall finishes.



*Nailing Strips*
**(DO NOT REMOVE NAILING STRIPS)**

## INSTALLATION ACCESS PANEL

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

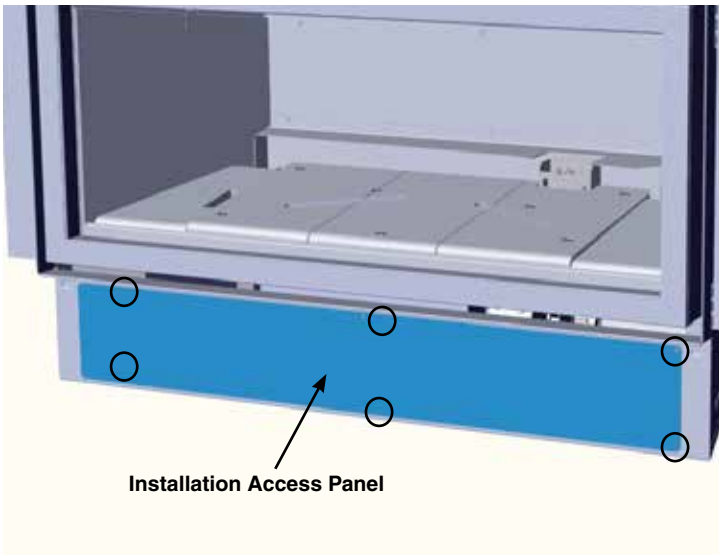
**1)** Remove 6 screws to remove access panel.

**2)** Easier access to gas connection with panel removed.

**3)** Install any optional components with access panel removed.

**4)** Reinstall access panel with 6 screws

**Note:** Access panel is no longer usable once facing material installed.



**Installation Access Panel**

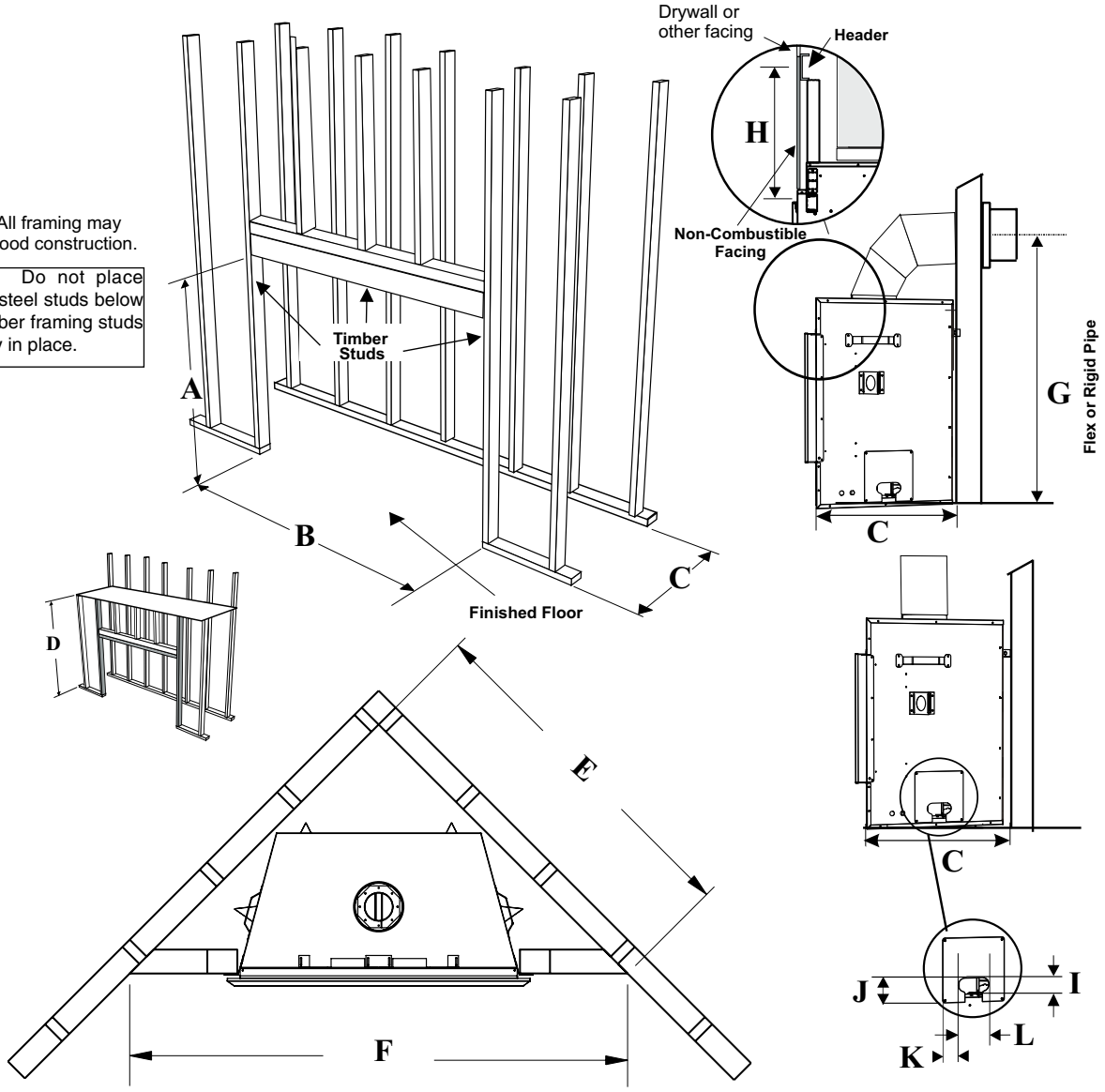
## FRAMING DIMENSIONS

| Framing Dimensions | Description | GF900 |
|---|---|---|
| A | Framing Height | 1089mm |
| B | Framing Width | 1127mm |
| C* | Framing Depth | 552mm |
| D | Minimum Height to Combustibles | 1151mm |
| E | Corner Wall Depth | 1273mm |
| F | Corner Facing Wall Width | 1800mm |
| G | Vent Centerline Height | 991mm |
| H | Non-combustible facing height | 483mm |
| I | Gas Connection Opening Height | 38mm |
| J | Gas Connection Height | 67mm |
| K | Gas Connection Inset | 44mm |
| L | Gas Connection Opening Width | 89mm |

* Framing depth measurement is noted with the nailing strips set as far forward on the firebox as possible. The nailing strips can be adjusted back up to 38mm to allow for varying thicknesses in non-combustible material & wall finishes.
**NOTE:** A minimum thickness of 12mm non-combustible facing board compliant with AS1530-1 and AS1530-3 is required.

**Note:** All framing may be of wood construction.

NOTE: Do not place timber/steel studs below the timber framing studs already in place.



## NON COMBUSTIBLE FACING INSTALLATION

**IMPORTANT NOTE:**
**Prior to installation of non-combustible materials by others, check and inspect carefully for any hairline cracks and or damage to board. The non combustible board must be a minimum of 12mm thick and comply with AS1530-1 and AS1530-3. Material which is thinner may crack as a result due to the high temperatures this appliance emits.**

**1)** Using screws for use with non-combustible boards-secure non-combustible material around unit, framing and top nailing strip every 150mm
**Important Note: To avoid cracking the board-pre-drill holes prior to securing to unit/framing.**

2) Wipe any debris/dust from the non-combustible material and dry wall.

3) Prior to securing, it is mandatory to prime the facing and edges using a quality primer. This will ensure proper adhesion of the tape, filler and paint.
Failure to follow this procedure will result in cracked seams.

4) Tape the seams using a mesh type tape.

5) Fill seams as normal. Avoid using filler which shrinks excessively. Filler must be cured as per manufacturer's recommendations.

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

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

***NOTE: (As per Page 11) When constructing a typical "C" section framework, it is advisable to use the same 12mm non-combustible board on the whole front face. Also, to cut out the clean edge trim opening (plus a 10mm border) on the non-combustible board. This will help blend the sheeting easily and avoid cracking.***

**IMPORTANT**

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

By following the installation instructions in the manual exactly, you will increase your chances for a damage free finish.

Every precaution is taken in providing the recommendations on preparation and finish, given the variation in paint quality, with temperature limits and workmanship applied to or used in any application surrounding the fireplace. This includes framing as well as finishing.

Over time natural convection from any fireplace can cause discoloration in the area directly above the appliance. Lower quality paints, under prepared finishes, poor applications and any framing discrepancies or in the installation can cause this discoloration process to be expedited.

Discoloration is not the responsibility of Regency Fireplace Products, we believe careful attention to the recommendations provided here will be result in aesthetically pleasing result free of issues outlined above.

## FRAMING & FINISHING

**1)** Frame in the enclosure for the unit with framing material.

**IMPORTANT: The framed opening must be of non-combustible material.**

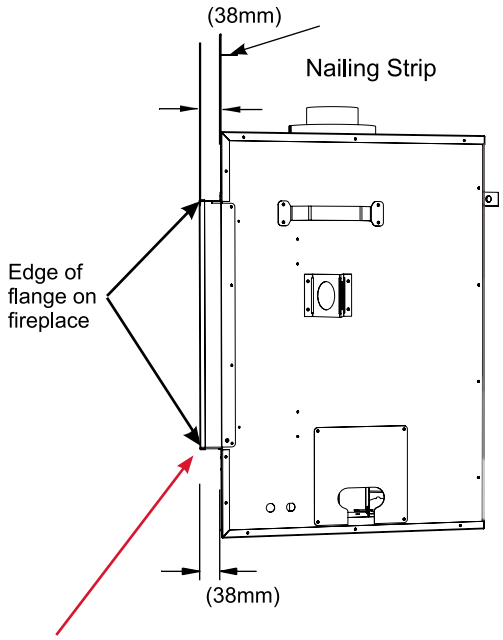
**Note: When constructing the framed opening, please ensure there is access to install the gas lines when the unit is installed.**

**2)** For exterior walls, insulate the enclosure to the same degree as the rest of the house, apply vapour barrier and drywall, as per local installation codes. **(Do not insulate the fireplace itself and/or the flueing. Clearances must be maintained as per this manual.)**

**WARNING: Failure to insulate and add vapor barriers to the inside of the exterior wall will result in operational and performance problems including, but not limited to: excessive condensation on glass doors, poor flame package, carbon, blue flames etc. These are not product related issues.**

**3)** The unit does not have to be completely enclosed in a chase. You must maintain clearances from the vent to combustible materials: See "Clearances" section. Combustible materials can be laid against the side and back standoffs and the stove base.

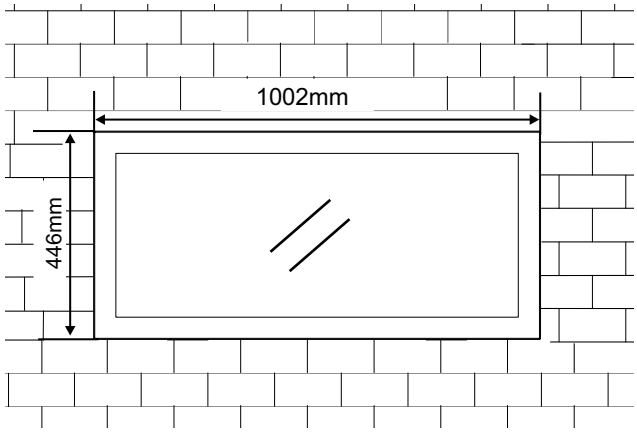
**4)** Non-combustible material (ie. tile, slate, etc) may be brought up to and overlap the unit (top and bottom) ensuring that the maximum thickness does not go beyond the 38mm as shown in the diagram below. The faceplate will not be able to be mounted if finished material is beyond 38mm.




**Ensure front of facing material is flush with the edge of the flange on the fireplace.**

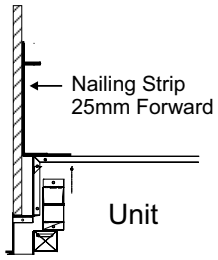
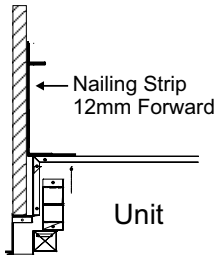
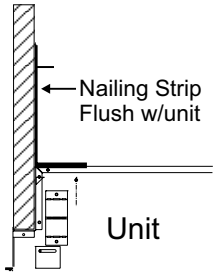
**5)** If material such as brick, stone, etc extends past the faceplate depth 38mm, when finishing around the faceplate, the minimum opening dimensions noted below must be adhered to ensuring for the removal of the faceplate and for the safe operation of this appliance.

**NOTE:** Spacing of 25mm around the completed surround must be adhered to.




*Unit shown with inner door frame only*
***Using the clean edge of the unit shown in a typical tiled facing.***

## FRAMING & FINISHING

| Finished Material | Nailing Strip Position | |
|---|---|---|
| 12mm | 25mm |  |
| 25mm | 12mm |  |
| 38mm | 0mm (flush) |  |

**Note:**

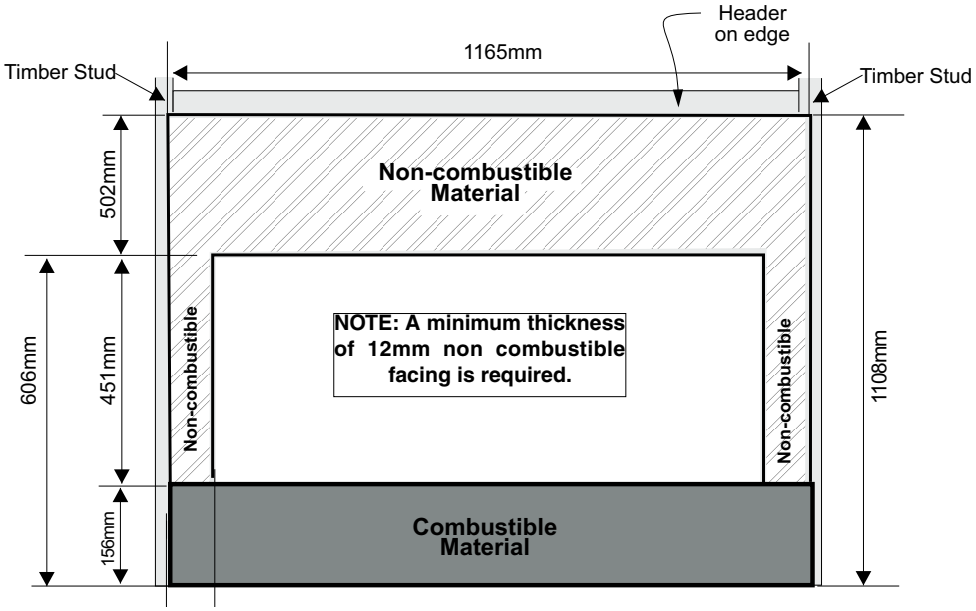
- The siding nailing strips are factory set at 12mm. The top nailing strip is fixed during transit to the rear of the appliance.
- Do not place any reinforcement in front of header and behind finishing material.
- The nailing strip must be used. It is fixed during transit to the rear of the unit.

**Note:**

Depending on the material used for finishing, the nailing strips must be set accordingly so that the finished material is always at the 38mm edge of the flange.

**MINIMUM THICKNESS OF THE FINISH MATERIAL: 12MM**

## COMBUSTIBLE REQUIREMENTS




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

**NOTE:**
If raising the unit, then the minimum height measurement (A) on page 11 of the framing dimensions must be adhered to. For example., Unit raised 300mm then A+ 300mm = 1389mm.

## EXTERIOR FLUE TERMINATION LOCATIONS

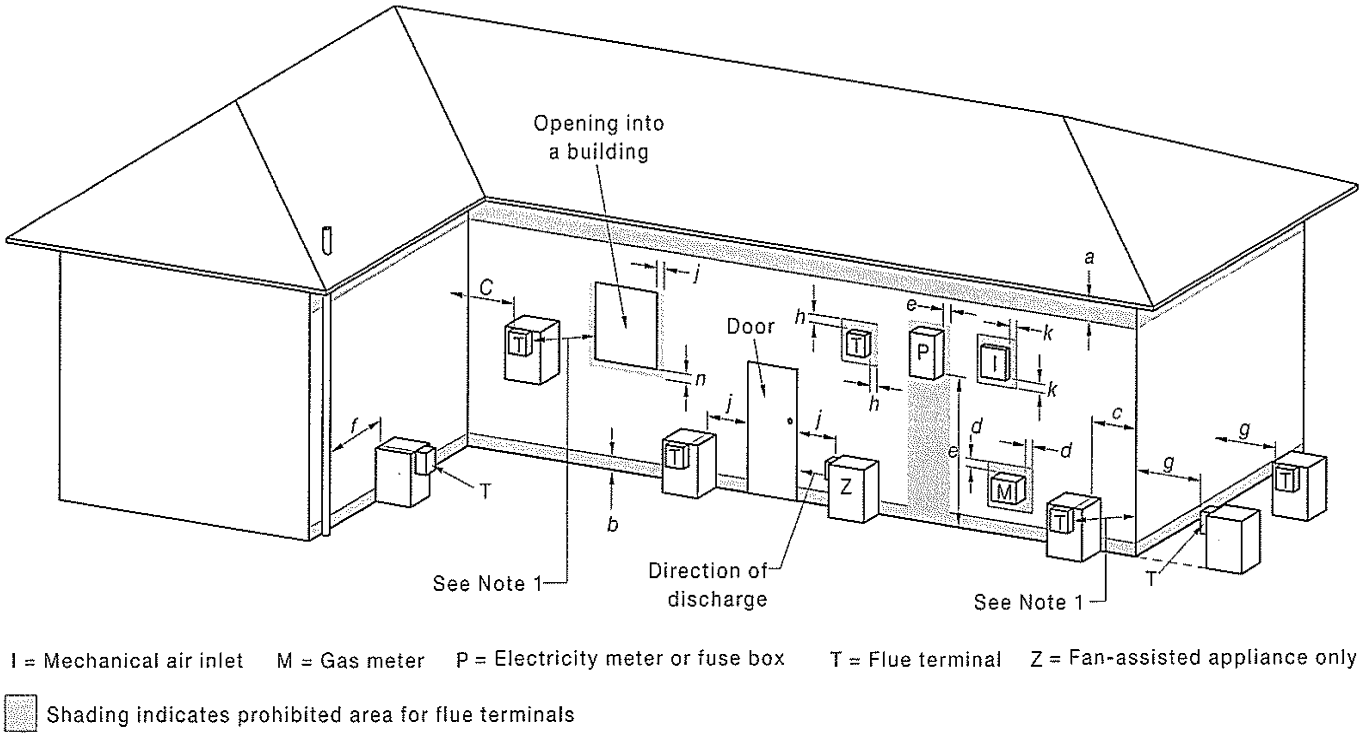


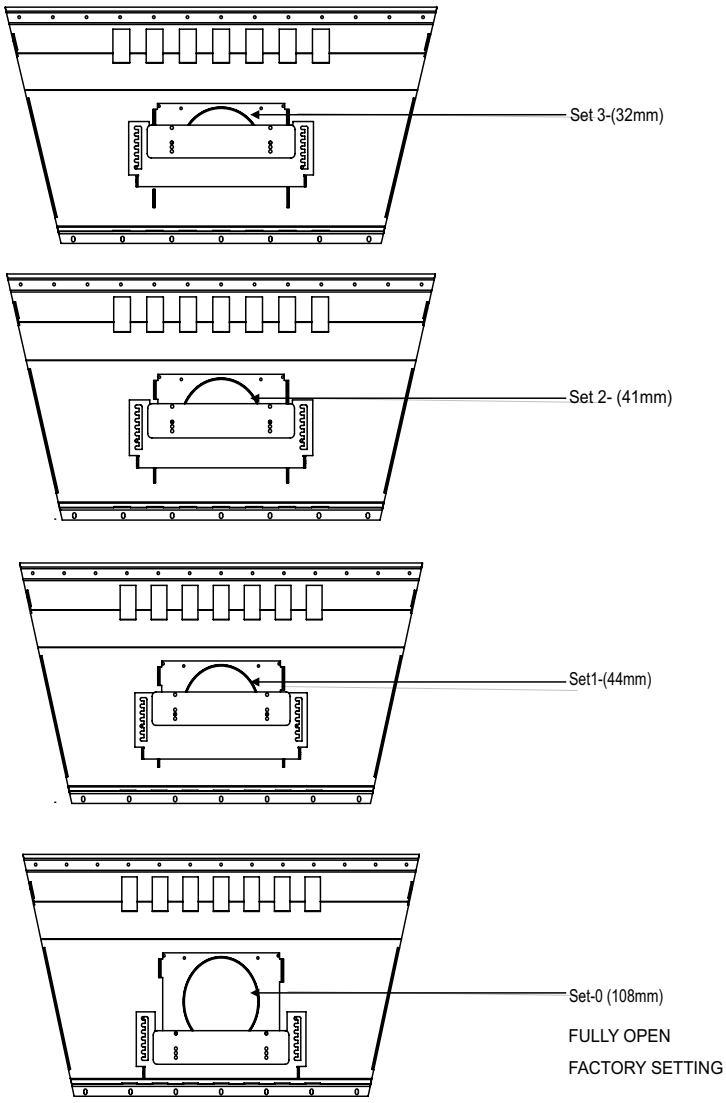

**FIGURE 6.2 (in part): LOCATION OF FLUE TERMINALS OF BALANCED FLUE AS/NZ 5601-2013, ROOM-SEALED, FAN ASSISTED OR OUTDOOR APPLIANCE**

## CLEARANCES

| Ref. | Item | Minimum clearances (mm) | |
|---|---|---|---|
| | | Natural Draught | Fan Assisted |
| *a* | Below eaves, balconies and other projections: | | |
| | *Appliances* up to 50 MJ/h input | 300 | 200 |
| | *Appliances* up to 50 MJ/h input | 500 | 300 |
| *b* | *From the ground, above a balcony or other surface** | 300 | 300 |
| *c* | From a return wall or external corner* | 500 | 300 |
| *d* | From a *gas meter* (M) (see Note 5)<br>(see Clause 5.11, 5.9 for vent terminal location of regulator)<br>(see Table 6.7 for New Zealand requirements) | 1000 | 1000 |
| *e* | From an *electricity meter* or *fuse box* (P)† (see Note 5) | 500 | 500 |
| *f* | From a drain or soil pipe | 150 | 75 |
| *g* | Horizontally from any building structure* or obstruction facing a terminal | 500 | 500 |
| *h* | From any other *flue terminal, cowl*, or combustion air intake | 500 | 300 |
| *j* | Horizontally from an openable window, door, non-mechanical air inlet, or any other opening into a building iwth the exception of sub-floor ventilation: | | |
| | *Appliances* up to 150MJ/h input* | 500 | 300 |
| | *Appliances* over 150MJ/h input up to 200 MJ/h input* | 1500 | 300 |
| | *Appliances* over 200MJ/h inputup to 250 MJ/h input** | 1500 | 500 |
| | *Appliances* over 250MJ/h input* | 1500 | 1500 |
| | All fan-assisted *flue appliances*, in the direction of discharge | - | 1500 |
| *k* | From a mechanical air inlet, including a spa blower | 1500 | 1000 |
| *n* | Vertically below an openable window, non-mechanical air inlet, or any other opening into a building iwth the exception of sub-floor ventilation: | | |
| | Space heaters up to 50MJ/h input | 150 | 150 |
| | *Other appliances up to 50 MJ/h input* | 500 | 500 |
| | *Appliance over 50 MJ/h input and up to 150 MJ/h input* | 1000 | 1000 |
| | *Appliances over 150 MJ/h input* | 1500 | 1500 |
| | * Unless *appliance* is *certified* for closer installation.<br>† Prohibited area below electricity meter or fuse box extends to ground level.<br><br>NOTES:<br>1 Where dimension ***c, j or k*** cannot be achieved an equivalent horizontal distance measured diagonally from the nearest discharge point of the terminal to the opening may be deemed by the *Technical Regulator* to comply.<br>2 See Clause 6. 9. 4 for restriction on the *flue terminal* under a covered area.<br>3 See Figure J3 for clearances required from a flue terminal to an LP Gas cylinder. A flue terminal is considered to be a source of ignition.<br>4 For appliance not addressed above acceptance should be otained from the Technical Regulator.<br>5 Minimum clearance *d and e* also apply to any combustion air intake openings of appliances. | | |

## FLUE RESTRICTOR POSITION

FLUE RESTRICTOR SETTING

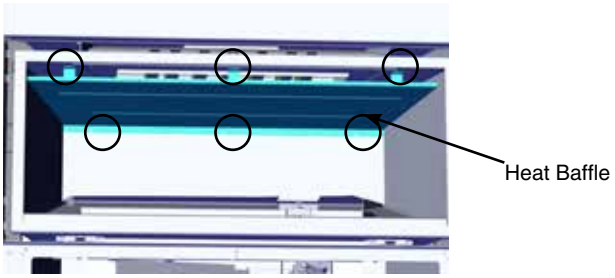



Flue restriction is required for certain venting installations, see the diagrams in the "Flueing
Arrangements" section to determine if they are required for your installation.

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

To set the flue restriction as indicated in the flueing arrangements diagrams, refer to the following instructions;

1. Remove the glass door and inner panels - see instructions in this manual.
2. Remove 6 screws (3 front - 3 back) to remove heat baffle to access restrictor plate.
3. Remove the screws that hold the flue restrictor in place.




4. Adjust the flue restrictor plate to the required flue restrictor position as per the diagrams shown below.
5. Once the flue restrictor plate is in the required position, secure with screws.

## FLUEING INTRODUCTION

The GF900L uses the "balanced flue" technology Co-Axial system. The inner liner vents products of combustion to the outside while the outer liner draws outside combustion air into the combustion chamber thereby eliminating the need to use heated room air for combustion and losing warm room air up the chimney.

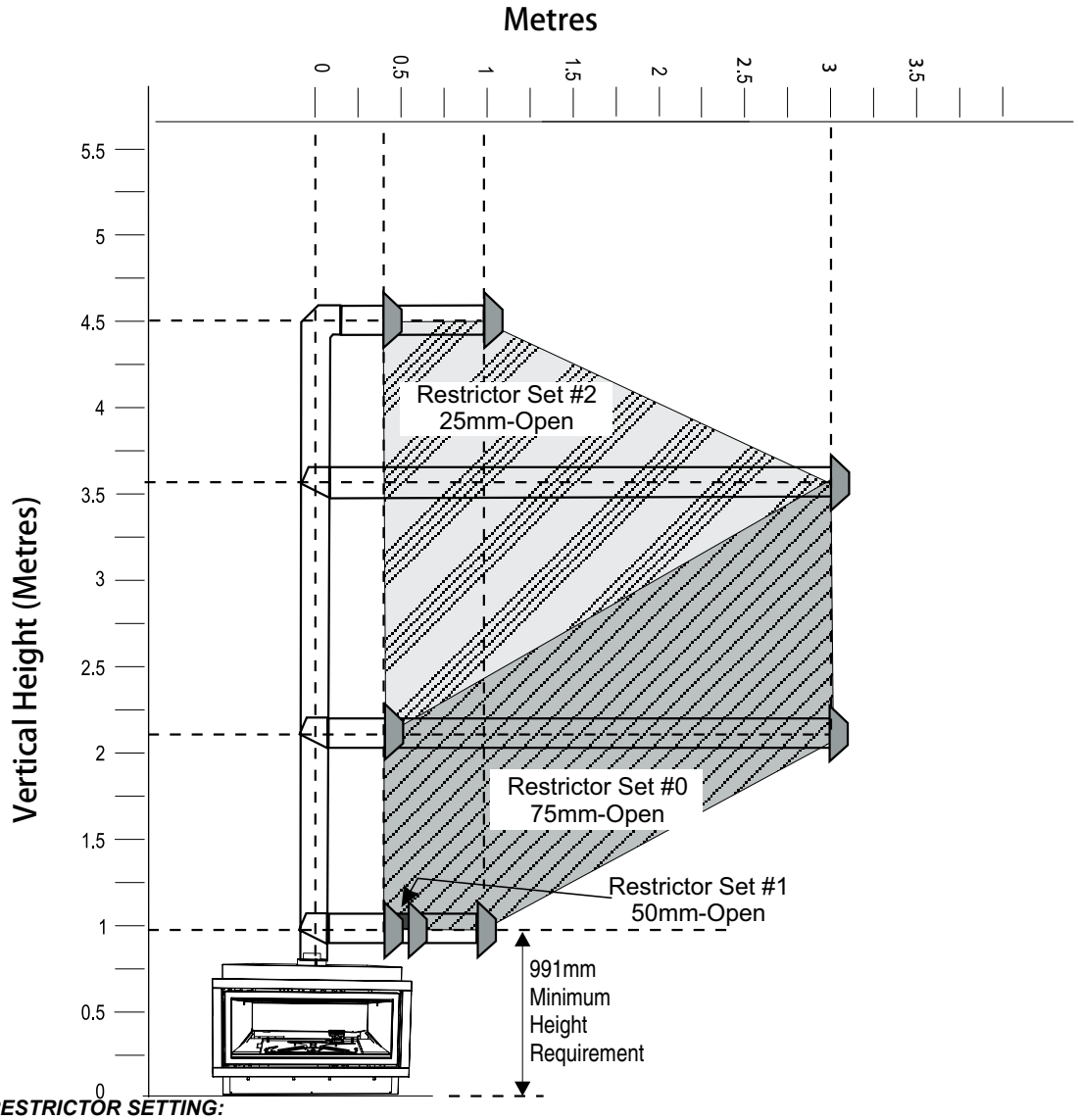
**Note: These flue pipes must not be connected to any other appliance.**

The gas appliance and flue system must be vented directly to the outside of the building, and never be attached to a chimney serving a separate solid fuel or gas burning appliance. Each direct vent gas appliance must use it's own separate flue system. Common flue systems are prohibited.

## FLUEING ARRANGEMENT FOR HORIZONTAL TERMINATIONS

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

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




***FLUE RESTRICTOR SETTING:***

***Flue restrictor factory set at Set 0.***

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

- **Maintain clearances to combustibles as listed in "Clearances" section**
- **Horizontal flue must be supported every 0.9m**
- **A flue guard should be used whenever the termination is lower than the specified minimum or as per local codes.**
- **Flex system can only be used up to 3m in total length- otherwise rigid venting must be used.**

# FLUEING ARRANGEMENTS

## HORIZONTAL TERMINATION (FLEX)
## Regency® Direct Vent System

These flueing systems, in combination with GF900L, have been tested and listed as a Direct Vent system by AGA. The location of the termination cap must conform to the requirements in the Flue Terminal Locations diagram from the "Exterior Flue Termination Locations" section.

**Regency® Direct Vent (Flex) System Termination Kits includes all the parts needed to install the GF900L using a flexible vent.**

| FPI Kit # | Length | Contains: |
|---|---|---|
| #946-515 | 1.2 m | **1)** 175mm flexible outer liner (Kit length)<br>**2)** 102mm flexible inner liner (Kit length)<br>**3)** spring spacers<br>**4)** thimble<br>**5)** ***AstroCap*** termination cap<br>**6)** screws<br>**7)** tube of Mill Pac<br>**8)** plated screws<br>**9)** S.S. screws #8 x 1-1/2" drill point |
| #946-516 | 3 m | |

**Notes:**

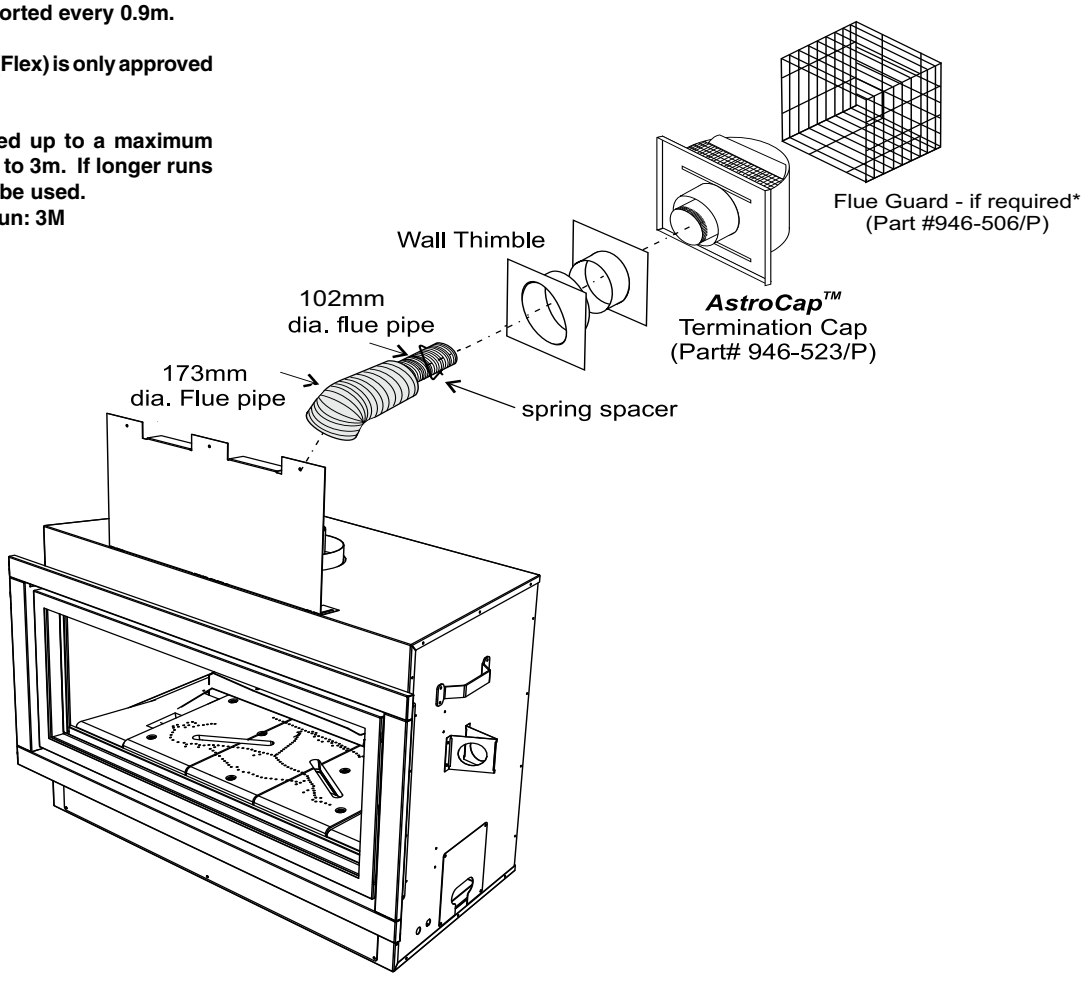
1) **Liner sections should be continuous without any joints or seams.**

2) **Only Flex pipe purchased from Regency® may be used for Flex installations**

3) **Horizontal flue must be supported every 0.9m.**

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

5) **Flex system can only be used up to a maximum continuous vent length of up to 3m. If longer runs are required, rigid pipe must be used.**
**NOTE: Maximum horizontal run: 3M**



## HORIZONTAL TERMINATIONS

### RIGID PIPE 4" X 6-5/8" (102MM X 175MM)

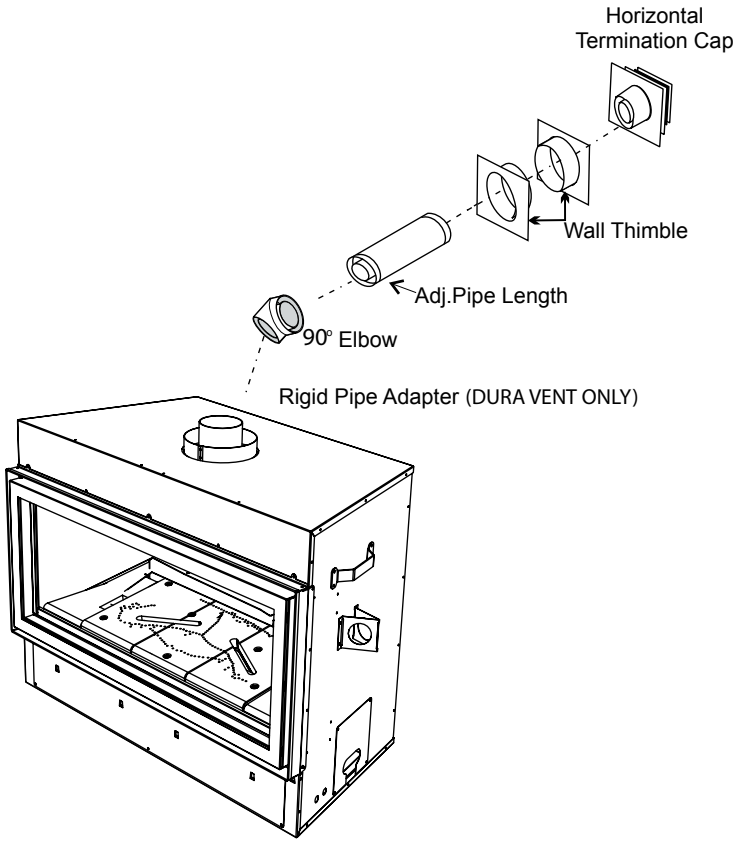
The minimum components required for a basic horizontal termination are:

1 Horizontal Termination Cap
1 90° Elbow
1 Rigid Pipe Adaptor (510-994)
1 Wall Thimble
1 Length of pipe to suit wall thickness (see chart)

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

If a Vinyl Siding Standoff is required (it must be used with vinyl siding), measure to outside surface of wall without siding and add 51mm.

| Flat Wall Installation | |
|---|---|
| Wall Thickness (mm) | Vent Length Required (mm) |
| 102mm-140mm | 152mm |
| 178mm-216mm | 229mm |
| 254mm-292mm | 305mm |
| 229mm-368mm | 279mm-371mm Adj. Pipe |
| 381mm-597mm | 432mm-610mm Adj. Pipe |




**WARNING:**

Do not combine flueing components from different flueing systems.

However use of the the AstroCap™ and FPI Riser is acceptable with all systems.

This product has been evaluated by Intertek for using a Rigid Pipe Adaptor in conjunction with Duravent Direct-Vent.

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

The FPI AstroCap™ and Regency vertical cowls are certified for installations using FPI venting systems as well as Simpson Dura-Vent® Direct Vent. AstroCap™ is a proprietary trademark of FPI Fireplace Products International Ltd. Dura-Vent® and Direct Vent are registered and/or proprietary trademarks of Simpson Dura-Vent Co. Inc.

## HORIZONTAL TERMINATIONS

### RIGID PIPE 4" X 6-5/8" (102MM X 175MM)

The diagrams below shows examples of horizontal termination arrangements using one 90° elbow.

**1) A maximum of one 90° or two 45° elbows is permitted.**

**2) Minimum distance between elbows is 305mm.**

- **Maintain clearances to combustibles as listed in the "Clearances" section.**
- **Horizontal vent must be supported every 0.9m.**
- **Must use optional rigid pipe adaptor (Part# 510-994) when using Duravent systems.**
- **A vent guard should be used whenever the termination is lower than the specified minimum or as per local codes.**
- **Flex system can only be used up to 3m - otherwise rigid flueing must be used.**

#### Straight Out Horizontal Venting

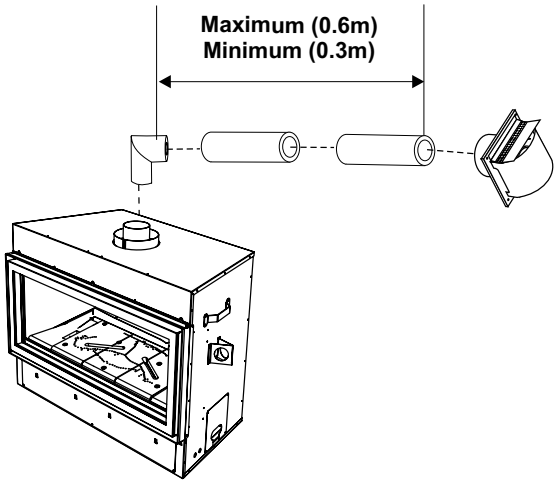
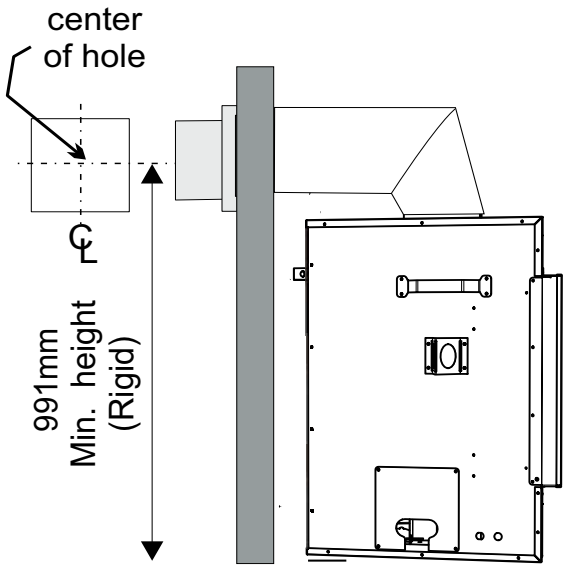



*Diagram 1*




***Please note the minimum centerline for basic install shown above.***

## VERTICAL TERMINATIONS

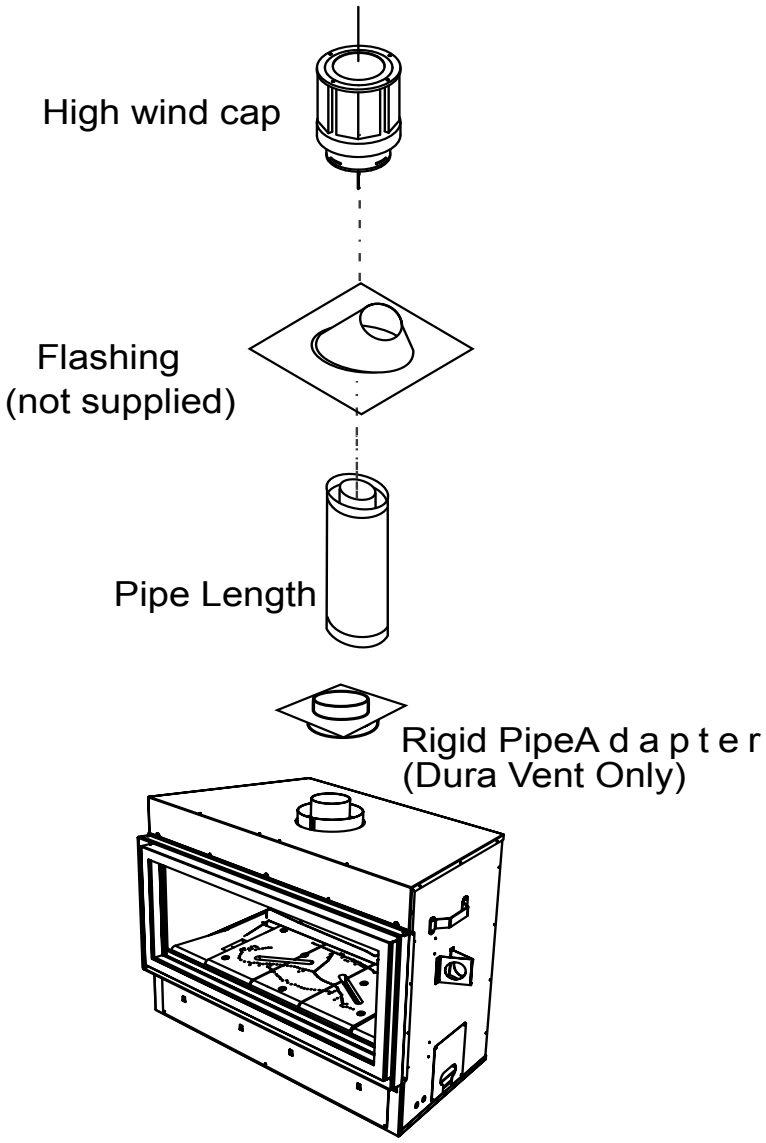
### RIGID PIPE 4" X 6-5/8" (102MM X 175MM)

The minimum components required for a basic vertical termination using Simpson Duravent Rigid Flue System are:

1 Vertical Termination Cap
1 Rigid Pipe Adaptor (510-994)
1 Flashing
1 Storm Collar
1 Length of pipe to suit height requirement (see chart)

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

| Roof Pitch | Minimum Flue Height |
|---|---|
| | Meters |
| flat to 7/12 | 0.61 |
| over 7/12 to 8/12 | 0.61 |
| over 8/12 to 9/12 | 0.61 |
| over 9/12 to 10/12 | 0.76 |
| over 10/12 to 11/12 | 0.99 |
| over 11/12 to 12/12 | 1.22 |
| over 12/12 to 14/12 | 1.52 |
| over 14/12 to 16/12 | 1.83 |
| over 16/12 to 18/12 | 2.13 |
| over 18/12 to 20/12 | 2.29 |
| over 20/12 to 21/12 | 2.44 |




**WARNING:**

Do not combine venting components from different flueing systems.

However use of the the AstroCap™ and FPI Riser is acceptable with all systems.

This product has been evaluated by Intertek for using a Rigid Pipe Adaptor in conjunction with Duravent Direct-Vent. Use of these systems with the Rigid Pipe adaptor is deemed acceptable and does not affect the Intertek WHI listing of components.

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

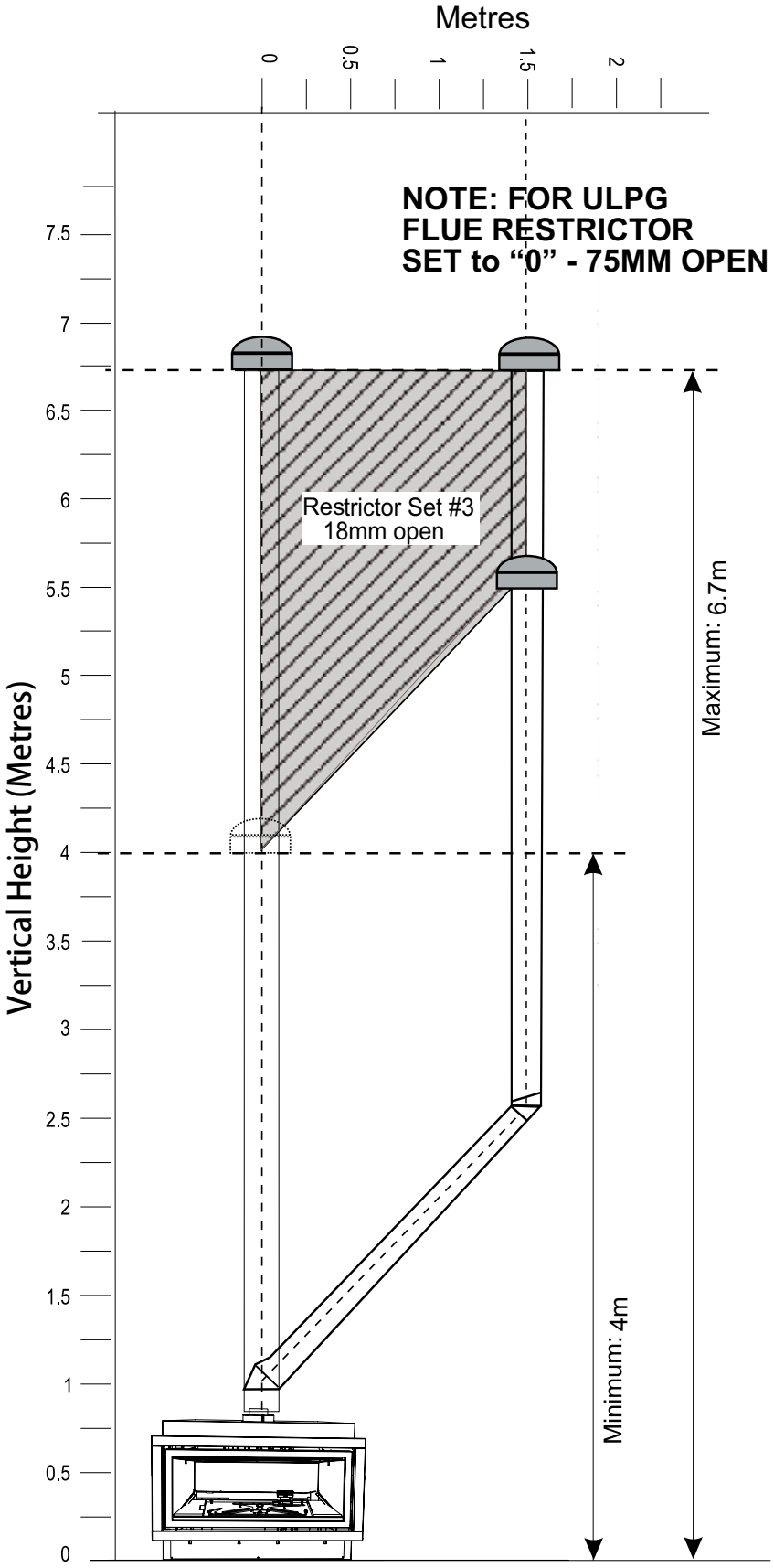
The FPI AstroCap™ and Regency vertical Cowl are certified for installations using FPI flueing systems as well as Simpson Dura-Vent® Direct Vent, is a proprietary trademark of FPI Fireplace Products International Ltd. Dura-Vent® and Direct Vent are registered and/or proprietary trademarks of Simpson Dura-Vent Co. Inc.

## FLUEING ARRANGEMENT FOR VERTICAL TERMINATIONS

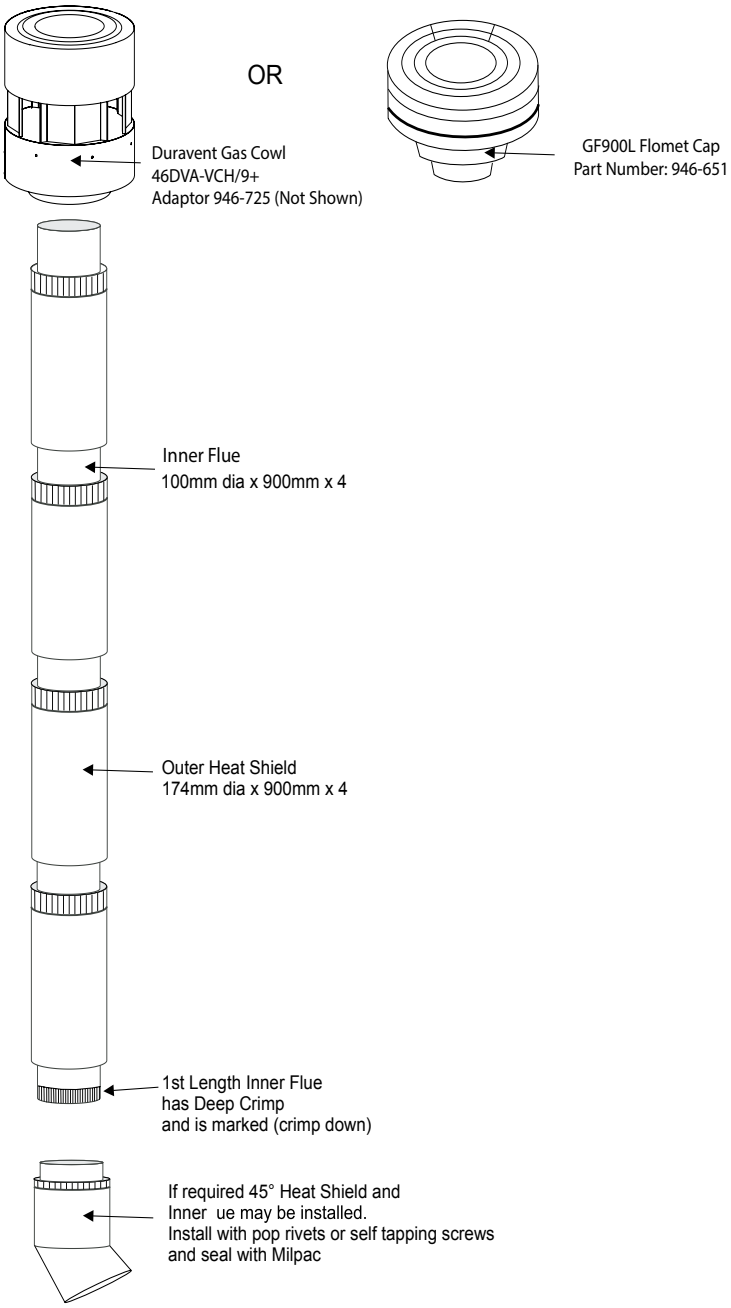
**Vertical Venting with One(1) 90° Elbows (1 - 90° = 2 - 45°)**

The shaded area in the diagram shows all allowable combinations of straight vertical and offset to vertical terminations, using two 45° elbow, with **Rigid Pipe Flueing Systems**.

- **Flue must be supported at offsets.**
- **Minimum distance between elbows is 305mm.**
- **Maintain clearances to combustibles as listed in the "Clearances" section in the manual.**
- **Horizontal flue must be supported every 1M.**
- **Refer to the "Flue Restrictor Position" section for details on how to change the flue restrictor from the factory setting of Set 0 or Set 3 if required.**
- **Note: For ULPG Flue Restrictor - Set to "0" - 75mm open.**



# DIRECT FLUE ZERO CLEARANCE TOP EXIT VERTICAL FLUE KIT INSTALLATION INSTRUCTIONS GF900




This flue kit has been manufactured for use with GF900L and to be installed in accordance with AS/NZS 5601-2013. To ensure safety and correct unit operation this flue kit must be installed as outlined in these instructions. Heater and flue clearances from combustible materials must be in accordance with these instructions and AS/NZS 5601-2013.

1. Locate the heater in its proposed position and mark the point for penetration directly above the centre of the heater flue outlet. Check the heater location allows the outer flue to clear all structural timber and combustible surfaces as per the manual.

2. If the enclosure consists of a ceiling – cut a 255mm square hole (minimum) for the flue to penetrate, cut hole through roofing material and prepare flashing for termination.

3. Starting at the heater, install first length of inner pipe, crimped end down, using Mill-Pac sealant and self-tapping screws (or rivets). Note – first length of inner pipe has a swage only.

4. Continue assembling flue pipes inner and outer, ensuring each inner join is sealed using Mill-Pac sealant and self-tapping screws (or rivets). Outer flue pipe is to be installed with crimped end up then sealed and fixed together also.

5. If required, fix outer flue in the ceiling space using non-combustible bracing to stop movement. On penetration of roof, fit an appropriate flashing or weather seal to suit the roofing material, ensure all joints outside are sealed with appropriate sealer.

6. Fit gas cowl (46DVA-VCH/9) or flomet cap (946-651) ensuring inner and outer flue pipes are sealed.

7. Start heater and run for at least 15 minutes to check flue seal. If operational issues are noted, check flue again to ensure proper seal of inner pipe.

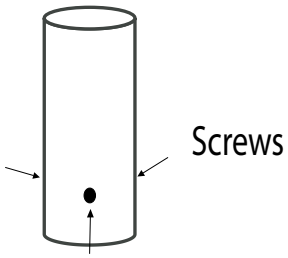
SUPPLIED **Mill-Pac SEALANT MUST BE USED OR WARRANTY WILL BE VOID** – IF REQUIRED, MORE SEALANT CAN BE PURCHASED USING PART NUMBER 948-128

Gas cowl part number 46DVA-VCH/9 or Flomet cap part number (946-651) (GF900Lonly).

SCREWS SUPPLIED FOR INNER FLUE CONNECTION

45° bends (if required) part number 946-648 – **Note**: if bends are used at the start of flue run, a deeper crimp may be required at the unit for inner pipe fitment. Can be crimped on site and sealed with Mill-Pac sealant and self- tapping screws (or rivets).

**Note** – It is the installers responsibility to ensure the installation complies with AS/NZS 5601-2013 and all local and building codes.


**NOTE:**
**USE A MINIMUM OF 3 SCREWS EQUIDISTANT TO SECURE EVERY INNER FLUE PIPE JOINT AS WELL AS MILL-PAC SEALANT**

# UNIT INSTALLATION WITH HORIZONTAL TERMINATION

## 102MM X 175MM FLUEING

***(Rigid Flue Systems)***

### Minimum Flue Clearances to Combustibles

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

| | |
|---|---|
| Horizontal Top* | 76mm* |
| Horizontal Side | 51mm |
| Horizontal Bottom | 51mm |
| Vertical Vent | 51mm |

Below are the recommended framing dimensions (inside measurements) for the 102mm X 168mm rigid vent terminations - for use with a wall thimble.

| Recommended Framed Opening Size | |
|---|---|
| Flue Size | Framing Size |
| 102mm x 175mm | 254mm x 254mm |

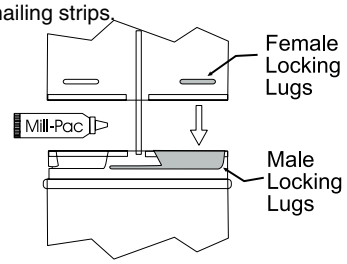
Install the flue system according to the manufacturer's instructions included with the components.

**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)** Simpson Dura Vent 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 required.

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

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




**5)** Assemble the desired combination of pipe and elbows to the appliance flue outlets and secure.

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

**Horizontal runs of vent must be supported every 0.9 metre. Wall straps are available for this purpose.**

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

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

**Note:**

**a)** The horizontal run of vent must be level, or have a 6mm rise for every 305mm of run towards the termination. Never allow the vent to run downward. This could cause high temperatures and may present the possibility of a fire.

**b)** The location of the horizontal vent termination on an exterior wall must meet all local and national building codes,

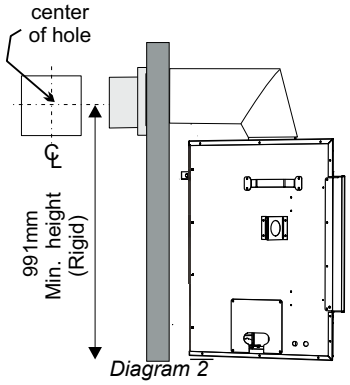



*Diagram 2*

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

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

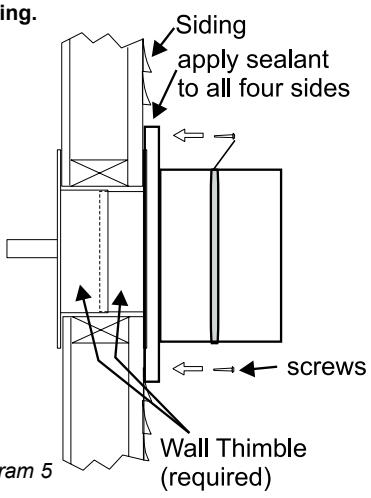



*Diagram 5*

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

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

**9)** Slide the appliance and vent assembly towards the wall carefully inserting the vent pipe into the vent cap assembly. It is important that the vent pipe extends into the vent cap sufficient distance so as to result in a minimum pipe overlap of 32mm. Secure the connection between the vent pipe and the vent cap.

**10)** Install wall thimble in the center of the framed hole and attach with wood screws (Diagram 7).

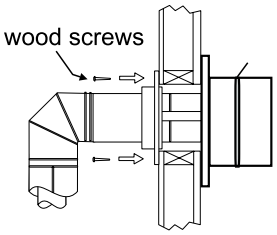



*Diagram 7*

"THIS UNIT MUST ALWAYS TERMINATE / FLUE DIRECTLY TO THE OUTDOORS."

**NOTE:**
"NOT INTENDED FOR FIREPLACE INSERT".

## UNIT INSTALLATION WITH HORIZONTAL TERMINATION
### 102MM X 175MM FLUEING
### *(Flex Flue Systems)*

### Minimum Flue Clearances to Combustibles

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

| | |
|---|---|
| Horizontal Top* | 76mm* |
| Horizontal Side | 51mm |
| Horizontal Bottom | 51mm |
| Vertical Vent | 51mm |

| Recommended Framed Opening Size | |
|---|---|
| Flue Size | Framing Size |
| 102mm x 175mm | 254mm x 254mm |

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

**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 inner flue collar of the termination and slipping the inner flex liner over it at least 35mm. Fasten with the 3 screws (drilling pilot holes will make this easier). Apply Mill Pac to the outer flex pipe and slip it over the outer flue collar of the vent terminal at least 35mm and fasten with the 3 screws.

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

**4)** Separate the 2 halves of the wall thimble and securely fasten the one with the tabs to the outside wall making sure that the tabs are on top and bottom. Fasten the other thimble half to the inside wall. The thimble halves slip inside each other and can be adjusted for 51mmx102mm or 51mmx152mm.

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

**6)** Pull the centre inner and outer flex liner out enough to slip over the flue collars of the fireplace. (You may wish to cut the liner shorter to make it more workable.) Do not bend liner more than 90°. ***The liners must slip over the collars a minimum of 35mm.***

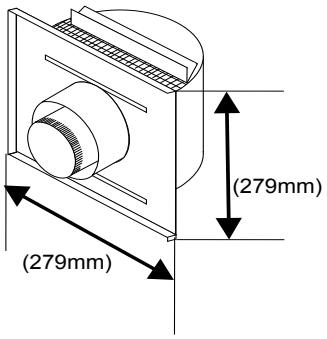
**7)** Apply Mill Pac over the fireplace inner flue collar and slip the inner flex liner down over it and attach with 3 supplied screws.

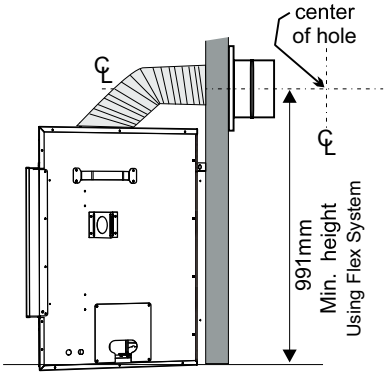
**8)** Do the same with the outer flue collar and outer flex liner.

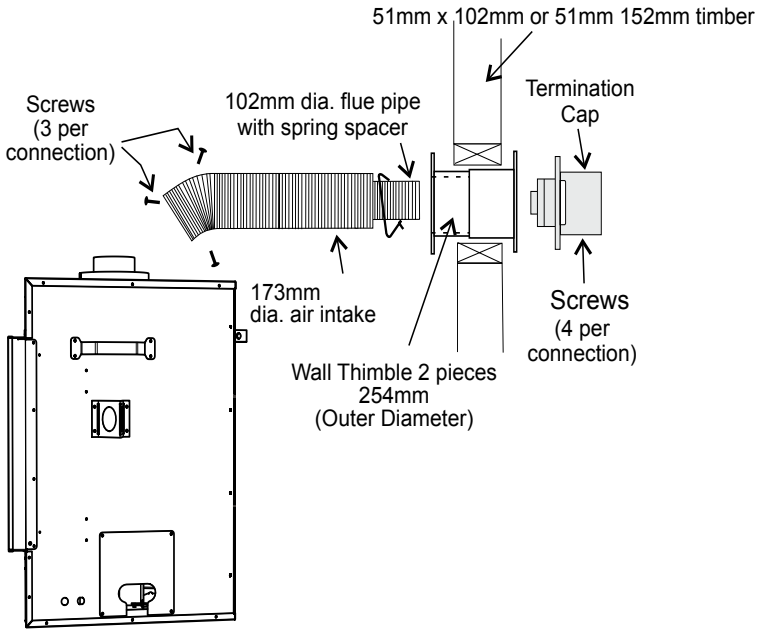
**9)** Apply a bead of Mill-Pac between the thimble and termination and around the outer edge of the terminal at the wall in order to keep the water out.

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

### ASTROCAP DIMENSIONS (946-523/P)



## UNIT INSTALLATION WITH VERTICAL TERMINATION

### 102MM X 175MM FLUEING
***(Rigid Flue Systems)***

**1)** Maintain the 50mm 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 "Flueing" Sections for the maximum vertical rise of the venting system and the maximum horizontal offset limitations.

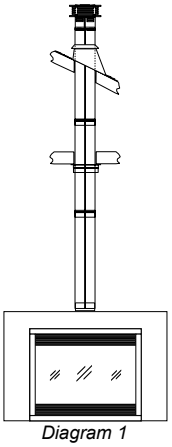


*Diagram 1*

**2)** Set the gas appliance in its desired location. Drop a plumb bob down from the ceiling to the position of the appliance flue exit, and mark the location where the vent will penetrate the ceiling. Drill a small hole at this point. Next, drop a plumb bob from the roof to the hole previously drilled in the ceiling, and mark the spot where the vent will penetrate the roof.

**3)** 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: All vertical terminations are vented using 102mm x 168mm venting and Simpson Duravent only.**

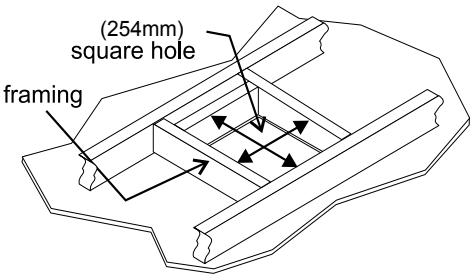
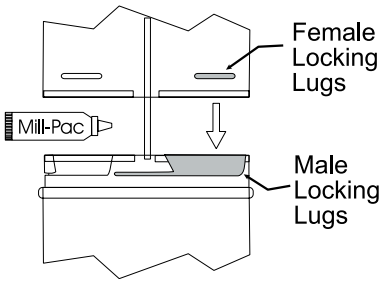



*Diagram 2*

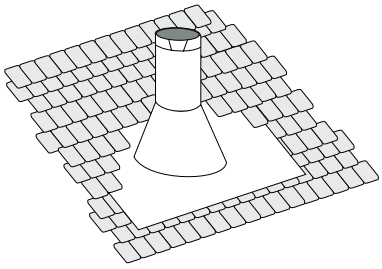
**4)** Cut a hole in the roof centered on the small drilled hole placed in the roof in Step 2. The hole should be of sufficient size to meet the minimum requirements for clearance to combustibles of 38mm.




**Note: For best results and optimum performance with each approved flueing system, "Mill-Pac" sealant to every inner pipe connection. Failure to do so may result in drafting or performance issues not covered under warranty.**

**5)** Continue to assemble pipe lengths.

**Note: If an offset is necessary in the attic to avoid obstructions, it is important to support the vent pipe every 0.9 metre, to avoid excessive stress on the elbows, and possible separation. Metal Wall straps can be used. Do not combine flueing components from other manufacturers.**



Galvanized pipe is desirable above the roof space 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.

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

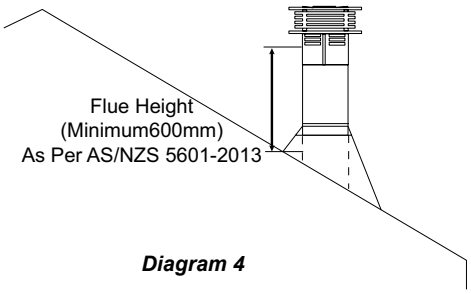



***Diagram 4***

| Roof Pitch | Minimum Flue Height |
|---|---|
| | Meters |
| flat to 7/12 | 0.61 |
| over 7/12 to 8/12 | 0.61 |
| over 8/12 to 9/12 | 0.61 |
| over 9/12 to 10/12 | 0.76 |
| over 10/12 to 11/12 | 0.99 |
| over 11/12 to 12/12 | 1.22 |
| over 12/12 to 14/12 | 1.52 |
| over 14/12 to 16/12 | 1.83 |
| over 16/12 to 18/12 | 2.13 |
| over 18/12 to 20/12 | 2.29 |
| over 20/12 to 21/12 | 2.44 |

**7)** Install the vertical termination cap.

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

| GF900L-NG SYSTEM DATA | |
|---|---|
| Min. Supply Pressure | 1.13 kpa |
| Low Setting Man. Pressure | 0.4kpa |
| Max. Manifold Pressure | 0.87 kpa |
| Injector Size | #35 DMS |
| Minimum Input | 25 MJ/hr |
| Maximum Input | 35 MJ/hr |

| GF900L-LP SYSTEM DATA | |
|---|---|
| Min. Supply Pressure | 2.75 kpa |
| Low Setting Man. Pressure | 1.6 kpa |
| Max. Manifold Pressure | 2.49 kpa |
| Injector Size | #53 DMS |
| Minimum Input | 23 MJ/hr |
| Maximum Input | 28 MJ/hr |

| GF900L-ULPG SYSTEM DATA | |
|---|---|
| Min. Supply Pressure | 2.75 kpa |
| Low Setting Man. Pressure | 1.6 kpa |
| Max. Manifold Pressure | 2.49 kpa |
| Injector Size | #53 DMS |
| Minimum Input | 23 MJ/hr |
| Maximum Input | 28 MJ/hr |

## HIGH ELEVATION

This unit is approved for altitude 0 to 1372m.

## GAS LINE INSTALLATION

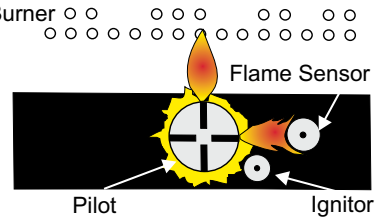
Since some municipalities have additional local codes it is always best to consult with your local authorities.

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

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

## PILOT ADJUSTMENT

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




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

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

## GAS PIPE PRESSURE TESTING

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

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 unit is in the "OFF" position.

**2)** Loosen the "IN" and/or "OUT" pressure tap(s), turning counterclockwise with a suitable wide flat screwdriver.

**3)** Attach manometer to "IN" and/or "OUT" pressure tap(s) using a suitable ID hose.

**4)** Turn the unit on with the remote or wall switch

**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.

**NOTE:** All the adjustments must be carried out in the following order:

Remove the modulator plastic cap (A) using needle nose pliers.

***Maximum pressure:*** Turn the unit ON to its highest input rating. Screw in the nut (B) to increase the outlet pressure and screw it out to decrease it. Use a 10 mm wrench.

**NOTE: The outlet pressure must be set to maximum 2.49 kPa for both LP/ULPG and 0.87 kPa for NG.**

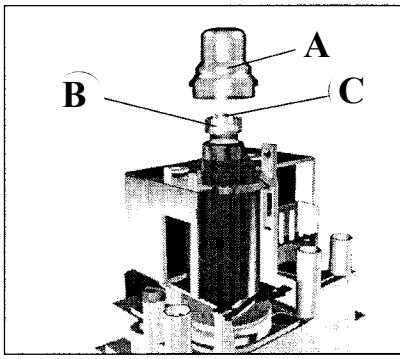
***Minimum pressure:*** Remove one of the cables co nected to the electric modulator. While holding the nut (B) with a wrench, screw in the screw (C) to increase the pressure and screw it out to decrease it. Use a screwdriver 6x1 blade.


After carrying out all adjustments, block the setting screws with paint, taking care not to obstruct the breather orifice of the pressure.

Put back the modulator plastic cap.

**WARNING:** To ensure the correct operation of the modulator it is necessary that the plastic cap (A) is returned to its original location.

**NOTE: The outlet pressure must be set to minimum 1.6 kPa. for both LP/ULPG and 0.4 kPa for NG.**




**6)** Turn on gas supply and plug in power cord.

**7)** At the end of all setting and adjustment operations, check electrical installation and gas leaks.

**8)** Check operation of flame control.

**9)** Check for proper flame appearance and glow on logs.

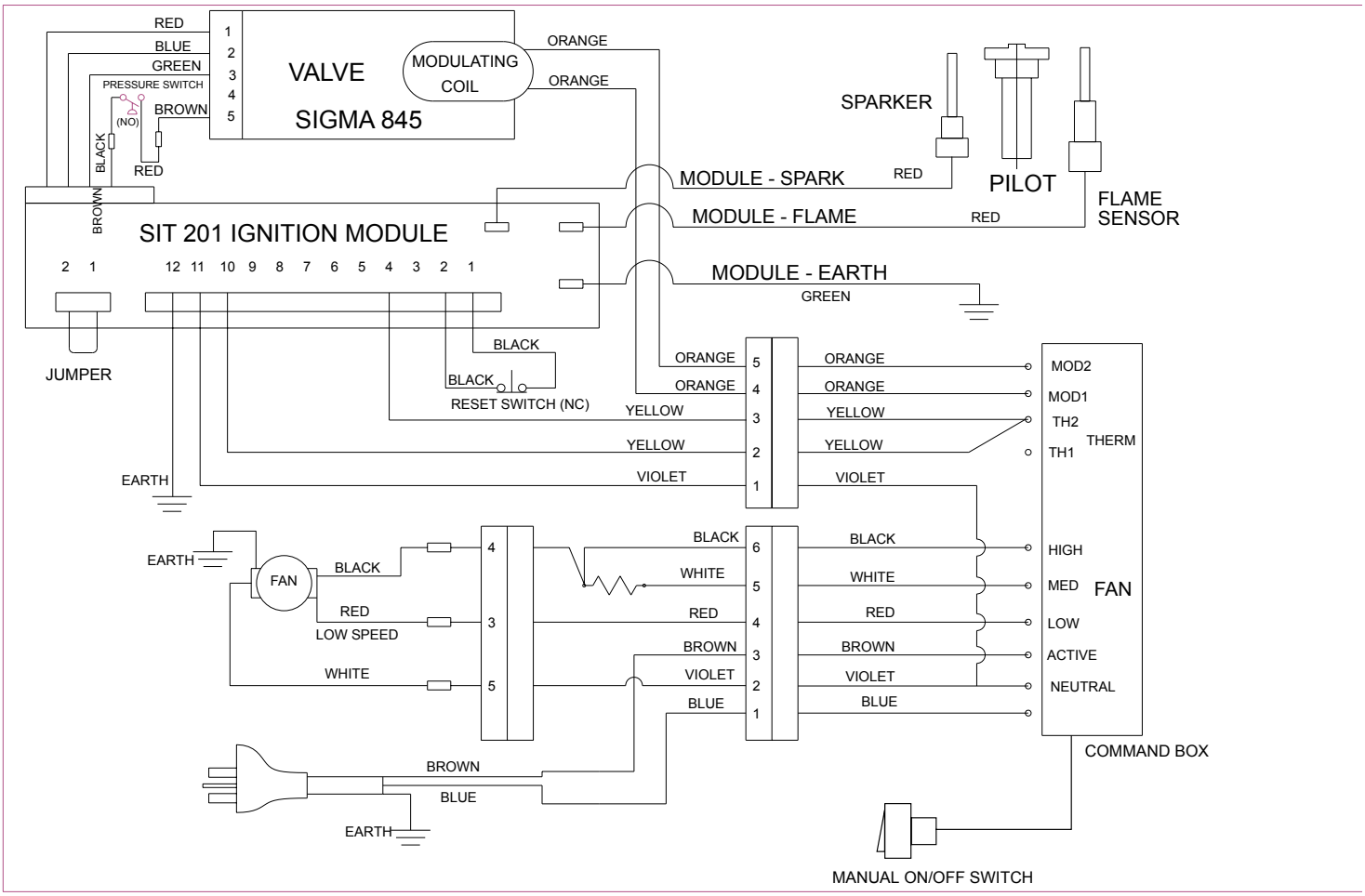
**10)** When finished reading manometer, turn off the unit, disconnect the hose and tighten the screw (clockwise) with a suitable flat screwdriver.

***Note: Screw should be snug, but do not over tighten.***

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

## WIRING DIAGRAM

**DISCONNECT POWER SUPPLY TO UNIT PRIOR TO WORKING ON ELECTRICAL COMPONENTS.**




**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.**

# CONVERSION KIT #466-967 FROM NG TO LP/ULPG

## FOR GF900L USING SIT 845 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 LP / ULPG Conversion Kit | | |
|---|---|---|
| **GF900L + GF900C Kit# 466-967** | | |
| Qty. | Part # | Description |
| 1 | 904-345 | Burner Orifice #53 |
| 1 | 918-590 | Decal “Converted to LP” |
| 1 | 908-528 | Red Propane Label |
| 1 | 918-272 | Conversion to ULPG decal |
| 1 | 904-529 | 5/32” Allen Key |
| 1 | 910-037 | LP Injector |
| 1 | 911-137 | Pilot hood holding clip |
| 1 | 918-273 | Red ULPG label |
| 1 | 919-131 | Instruction Sheet |

**IT WOULD BE BENEFICIAL TO CONVERT THE APPLIANCE PRIOR TO THE UNIT BEING INSTALLED OR WALL FACING MATERIAL FITTED WHICH ALLOWS ACCESS TO THE BOTTOM PANEL.**

**PRIOR TO CONVERSION, ENSURE UNIT HAS COOLED TO ROOM TEMPERATURE, ALL POWER IS DISCONNECTED AND GAS SUPPLY IS TURNED OFF.**

**1**. Remove faceplate, inner frame, glass door, front trim piece and inner panels- see instructions in this manual.

### FOLLOWING STEPS FOR GF900L:

**2**. Remove logs.

**3**. Remove burner side panels by lifting out as shown in Diagram 1.

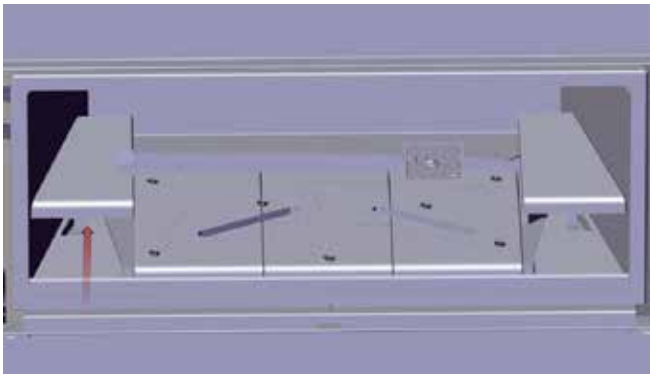


*Diagram 1 - Burner Side Panels*

**4.** Remove burner by removing 2 screws in locations shown below.

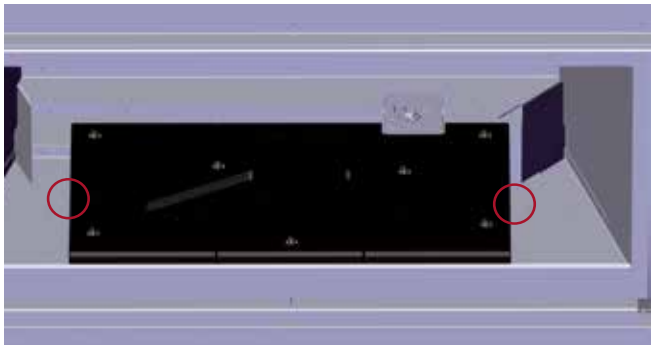


*Diagram 2 - Burner Screw Locations*

**5.** Remove rear log tray by removing 3 screws as shown in Diagram 3 below.

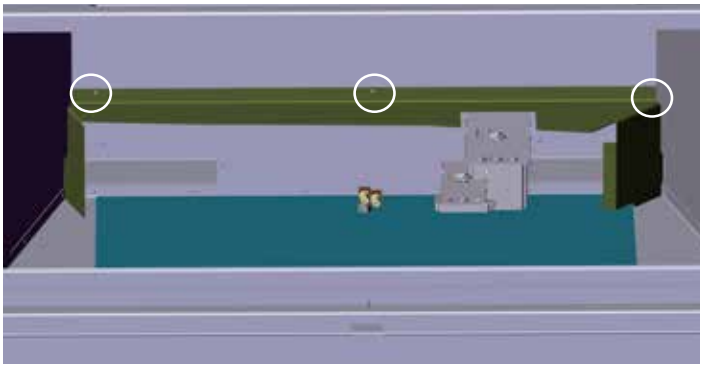


*Diagram 3 - Rear Log Tray Screw Locations*

### FOLLOWING STEPS FOR GF900C:

**6**. Remove glass crystals and stones, if installed.

**7**. Remove 3 screws in locations shown below to remove burner tray.

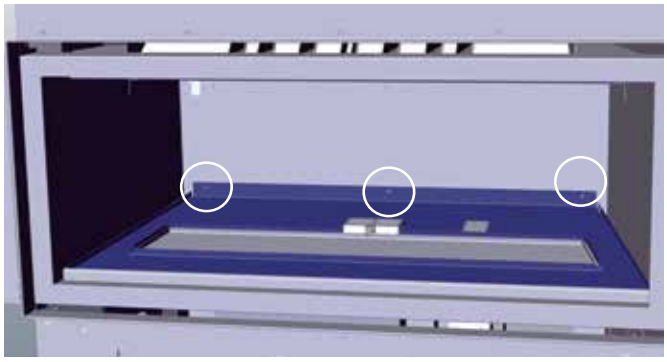


*Diagram 4 - Burner Tray Screw Locations*

8. Remove burner by removing 2 screws at the back of the burner in locations shown below.

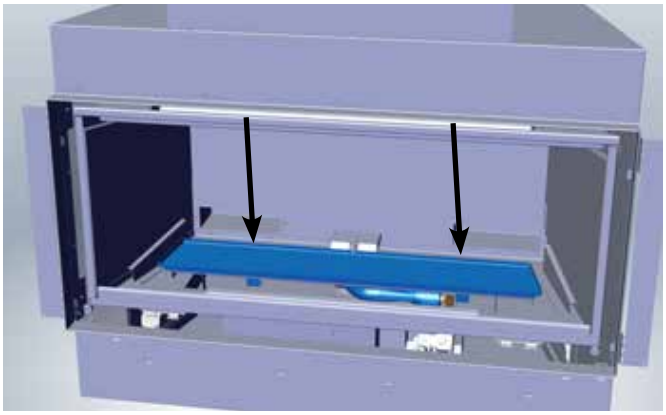


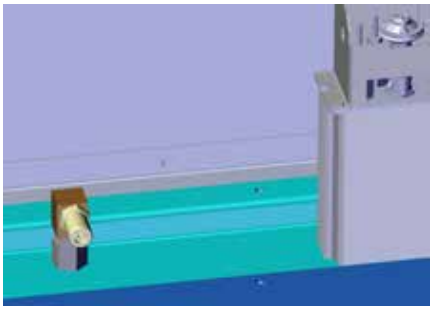
Diagram 5 - Burner Screw Locations

9. Pull off the pilot cap to expose the pilot orifice (see right).


Diagram 4 - Remove Pilot Cap

**10.** Unscrew the pilot orifice with the Allen key and replace with the LPG pilot orifice in the kit and replace pilot cap (see right).

**11.** Remove burner orifice with a 12mm spanner and discard. Use another spanner to hold on to the elbow below the orifice.



12. Reinstall new burner orifice LP stamped #53 or ULPG burner orifice stamped #53 and tighten.

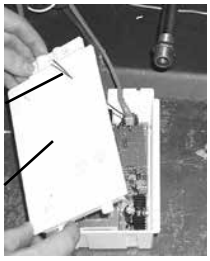
13. Replace the yellow "NG" label with the red "ULPG" label.

14. Carefully pull out the control box.

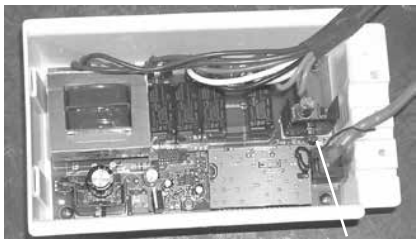
NOTE: The control box is held in place with velcro.

15. Remove the heat shield from the control box by removing the 2 screws.

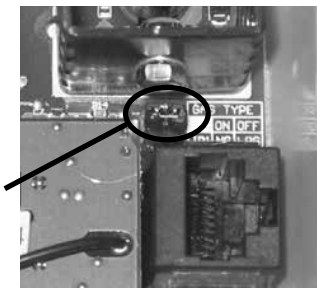
16. Remove the control box cover by undoing the 3 screws. Manoeuvre through antenna.




17. Remove the jumper using pliers.



Jumper Location




18. Reverse steps 17, 16, 15, 9, for both units. For GF900C reverse Steps 8-6 and Step 1. For GF900L reverse steps 5-1.

19. Adjust the air shutter opening (See page 28 for Aeration Adjustment)

20. Turn on gas supply and plug in power cord.

21. Adjusting the Outlet Pressure

**21. Adjusting the Outlet Pressure**

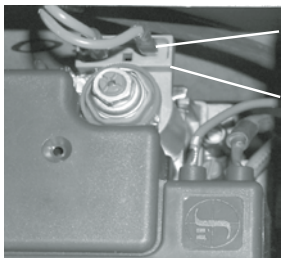
All the adjustments must be carried out in the following order:

Remove the modulator plastic cap (A) using needle nose pliers.

***Maximum pressure:*** Turn the unit ON to its highest input rating. Screw in the nut (B) to increase the outlet pressure and screw it out to decrease it. Use a 10 mm wrench.

**NOTE:** The outlet pressure must be set to maximum 2.49 kPa.

***Minimum pressure:*** Remove one of the cables connected to the electric modulator. While holding the nut (B) with a wrench, screw in the screw (C) to increase the pressure and screw it out to decrease it. Use a screwdriver 6 x 1 blade.



*Cable*

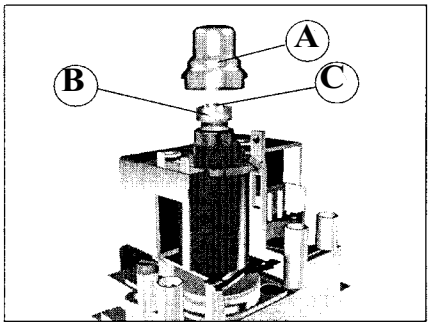
*Electric Modulator*

After carrying out all adjustments, block the setting screws with paint, taking care not to obstruct the breather orifice of the pressure.

Put back the modulator plastic cap.

**WARNING:** To ensure the correct operation of the modulator it is necessary that the plastic cap (A) is returned to its original location.

**NOTE: The outlet pressure must be set to minimum 1.6 kPa.**




**22.** Turn on gas supply and plug in power cord.

**23.** At the end of all setting and adjustment operations, check electrical installation and gas leaks.

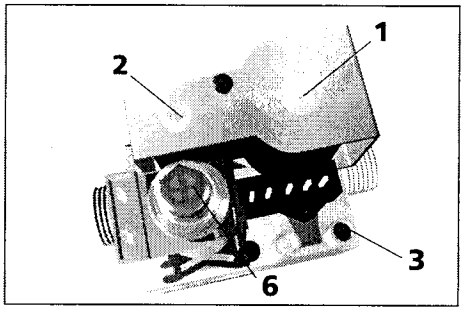
**24.** Check operation of flame control.

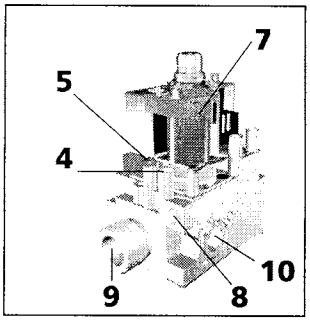
**25.** Check for proper flame appearance and glow on logs.

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

## 845 S.I.T. VALVE DESCRIPTION

**1)** On-Off Solenoid Valve EV1
**2)** On-Off Solenoid Valve EV2
**3)** Inlet Pressure Test Point
**4)** Outlet Pressure Test Point
**5)** Connection for Pressure Regulator/Combustion Chamber Compensation
**6)** Pressure Regulator for Minimum and Maximum Outlet Pressure
**7)** Gas Outlet Pressure Electric Modulator
**8)** Pilot Outlet
**9)** Main Gas Outlet




## AERATION ADJUSTMENT

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

**Minimum Air Shutter Opening:**

| | |
|---|---|
| NG | 4.8mm |
| LP | 13mm |
| ULPG | Full Open |

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

## LOG SET INSTALLATION

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

**Improper positioning of the logs may create carbon build-up and can alter the unit's performance which is not covered under warranty.**

**Log kit # 466-930 contains the following pieces:**

| | Description |
|---|---|
| 1 | Log 1 |
| 1 | Log 2 |
| 1 | Log 3 |
| 1 | Log 4 |
| 1 | Log 5 |
| 1 | Log 6 |
| 1 | Log 7 |
| 1 | Log 8 |
| | Embers |

**1**. Line up locators on Log 1 with corresponding locators on Log Tray as shown in Diagram 2.

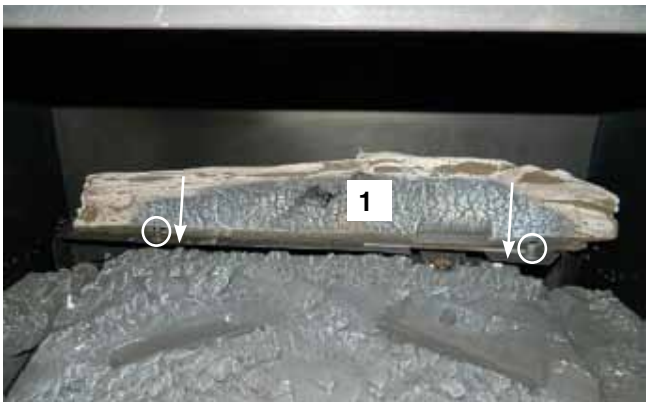



*Diagram 2*

**2**. Line up locators on Log 2 with corresponding locators on Ceramic Log Burner as shown in Diagram 3.

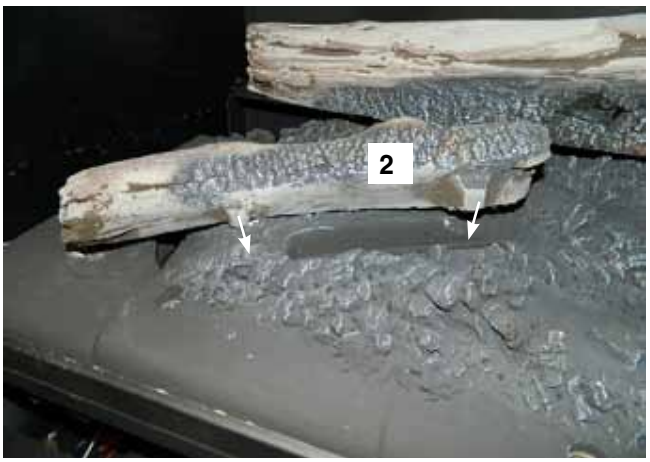



*Diagram 3*

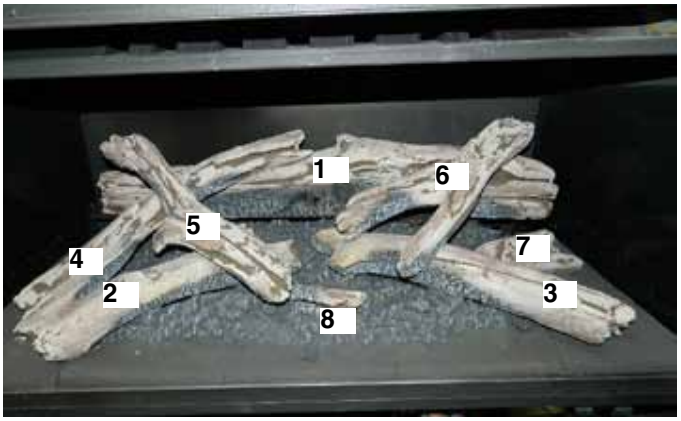



*Diagram 1*
*Completed Install and Log Identification*

**3**. Line up locator on Log 3 with corresponding locator on Ceramic Log Burner as shown in Diagrams 4 and 5.

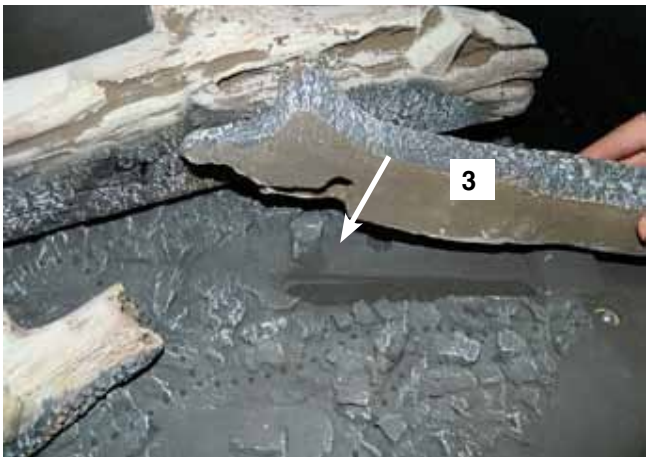



*Diagram 4*


*Diagram 5*

**4**. Rest Log 4 on Log 1 and Ceramic Log Burner as shown in Diagram 6.

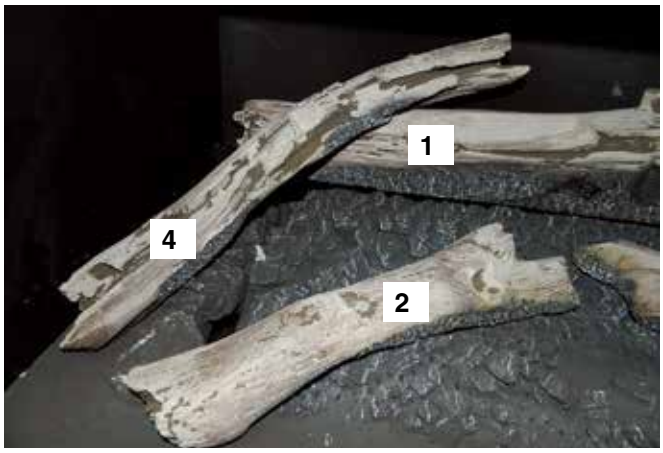



*Diagram 6*

**5**. Log 4 final position shown in Diagram 7.

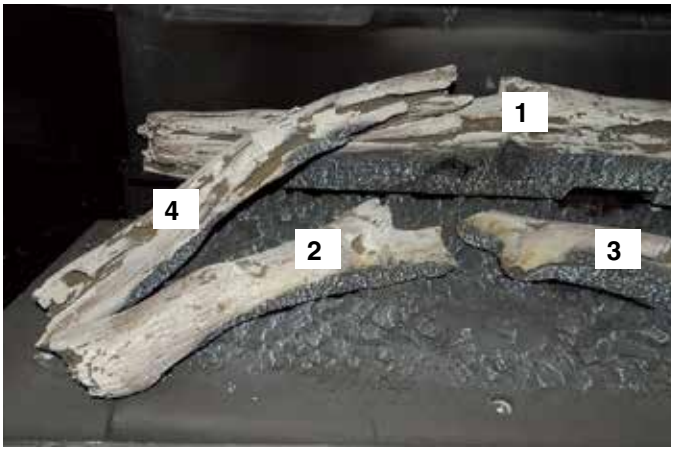



*Diagram 7*

**6**. Log 5 final position shown in Diagram 8.

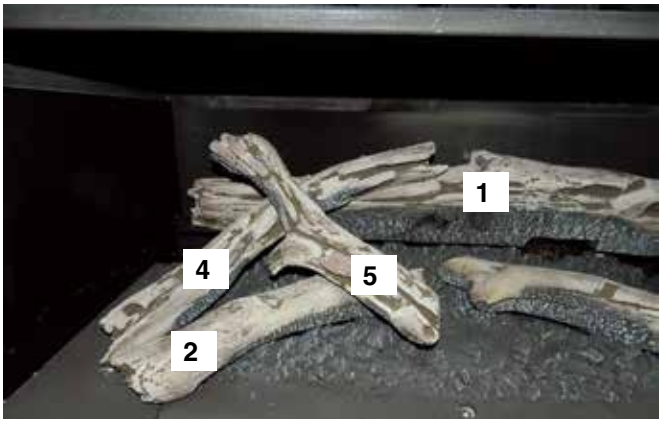



*Diagram 8*

**7**. Position Log 6 to rest on Log 1 and Log 3 as shown in Diagram 9.


*Diagram 9*

**8**. Line up locator on bottom of Log 7 with locator on Ceramic Log Burne as shown in Diagram 10.


*Diagram 10*

**6**. Log 8 in final position shown in Diagram 11.
Place supplied embers over burner screw holes in locations shown below.

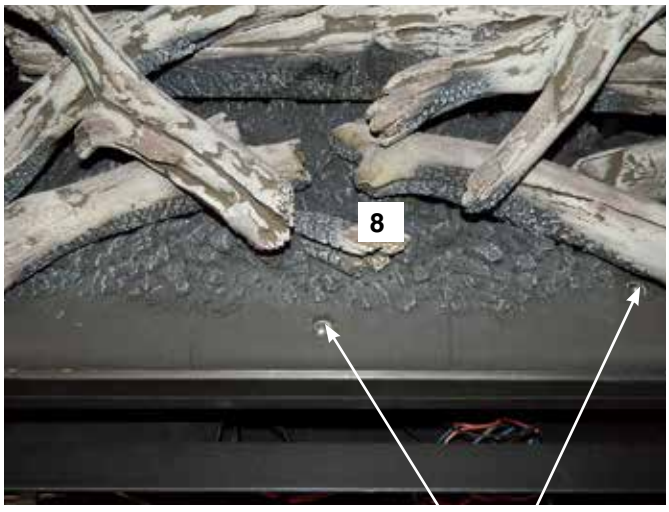



*Diagram 11 - Log 8 and ember locations*

## FRONT TRIM REMOVAL / INSTALLATION

**1.** Remove faceplate, inner door frame, and glass door if already installed - see instructions in this manual.

**2**. Remove two (2) screws in locations shown below to remove front trim piece.

**3**. Reverse steps to reinstall.

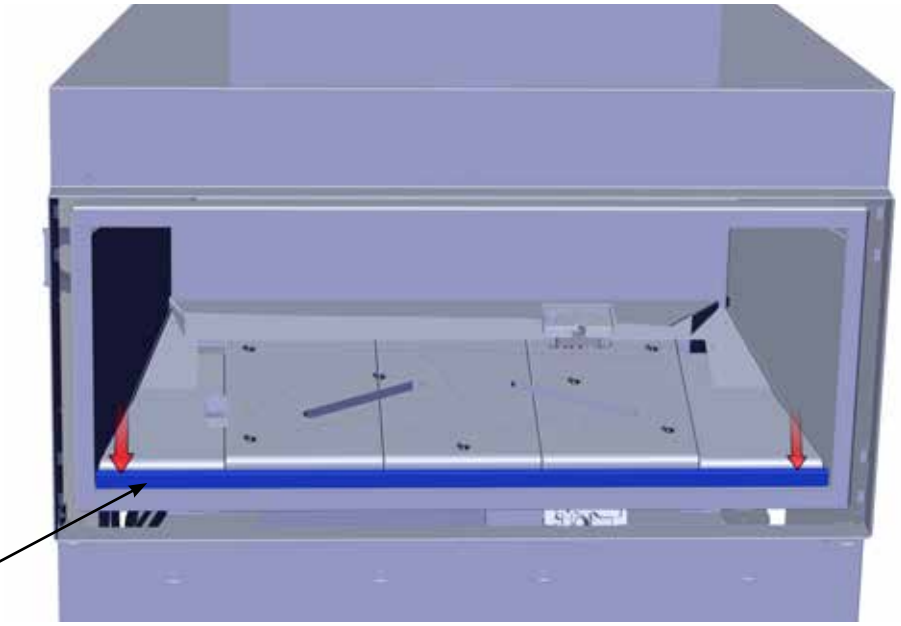
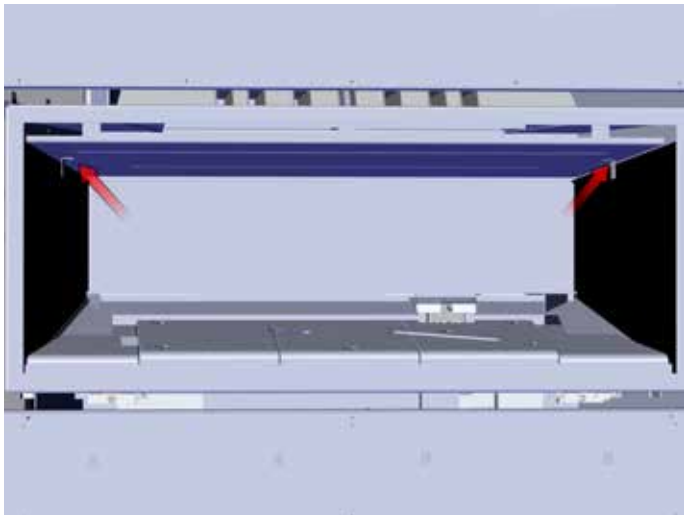



*Diagram 1 - Front Trim Screw Locations*

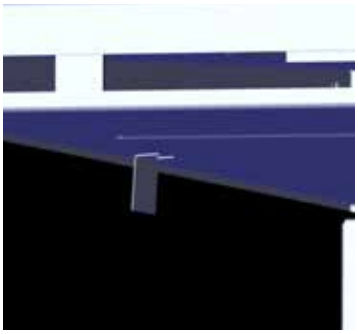
## INNER PANEL REMOVAL / INSTALLATION

**1.** Remove front trim piece - see instructions above.

**2**. Remove two (2) screws in locations shown below to release panel clips.

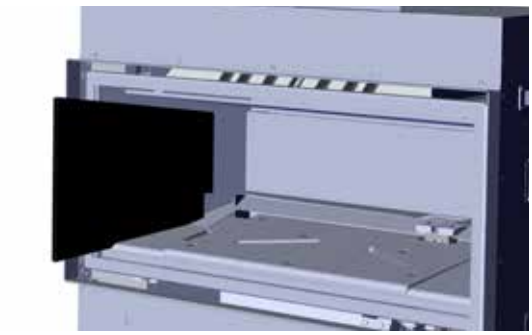


*Panel Clip Screw Locations*



*Panel Clip*

**3**. Remove panels by sliding out.



**4.** Reverse steps to reinstall.

## SCREEN & INNER DOOR FRAME INSTALLATION

**1**. Hang Screen Mesh over Inner Door Frame as shown in Diagram 1.

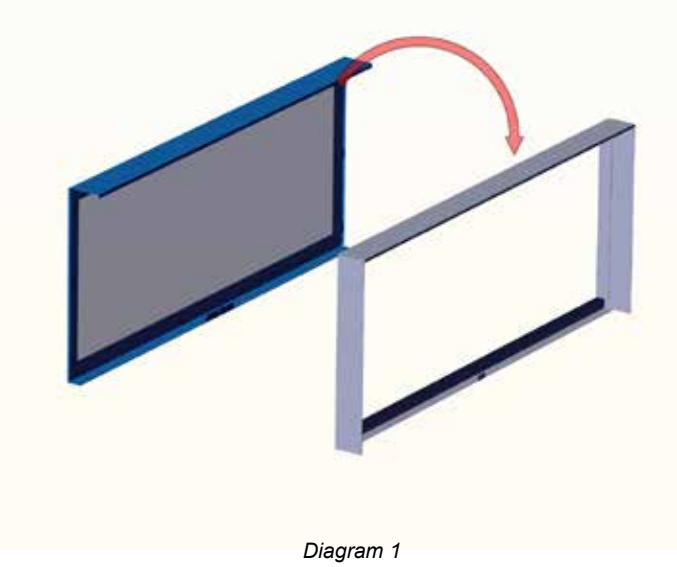


*Diagram 1*

**2**. Bend Tab on Screen Mesh to 90º as shown in Diagram 2. Secure to Inner Door Frame with one (1) screw as shown in Diagram 2a.

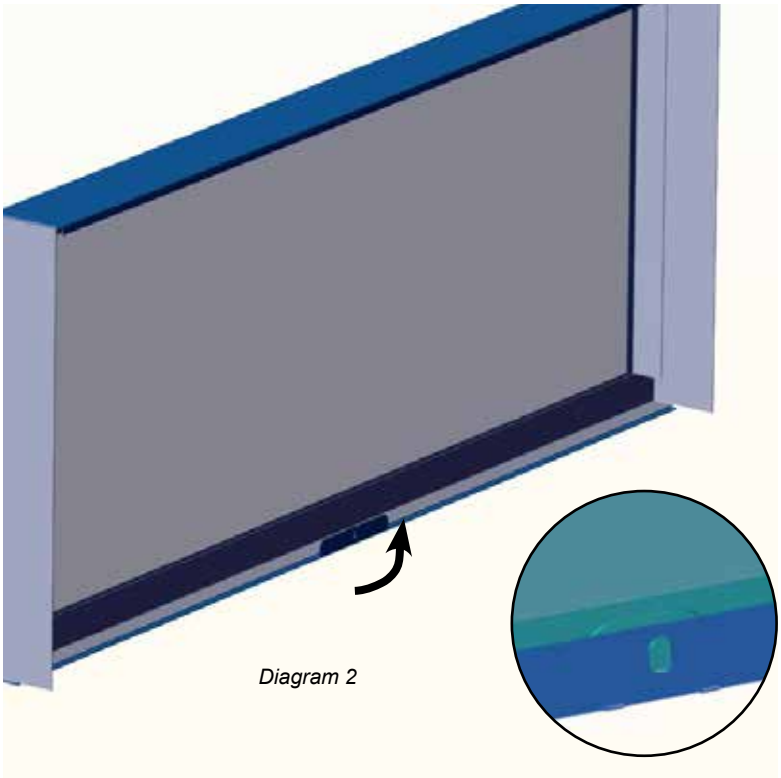


*Diagram 2*

*Diagram 2a*

**3**. Install Screen and Inner Door Frame to unit but hanging over glass door frame as shown in Diagram 3. Lower gently once in position over glass door frame.

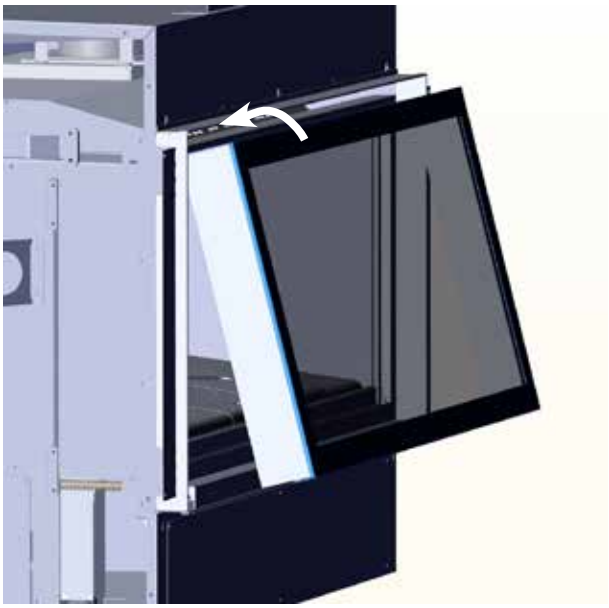


*Diagram 3*

## FACEPLATE INSTALLATION

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

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

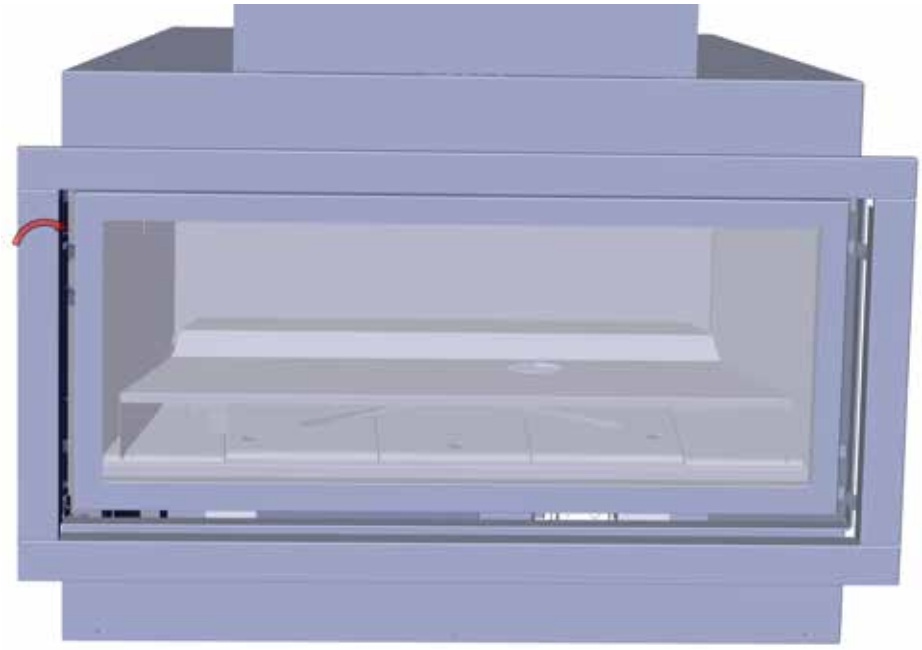


*Diagram 1 - Contemporary Faceplate Install*

**Warning:** *Turn off the unit by way of the on/off switch or remote.* Allow unit to cool at least 10 min. - prior to removing the faceplate.

## OPERATING INSTRUCTIONS

Before operating this appliance, proceed through the following check list.

**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 door is in place. Never operate the appliance with the door glass removed.

**5)** Verify that all flueing and the cap is unobstructed.

**6)** Verify log placement.

**7)** The unit should never be turned off and on again without a minimum of a 60 second wait.

**8)** When lighting the appliance, the inside of the glass may fog up. This will burn off after a few minutes of operation.

## LIGHTING INSTRUCTIONS

**1)** Plug the power cord into a power outlet.

2. There is a black, manual, ON/OFF button located in the bottom left-hand corner of the unit. This button can be used if there is no remote control.
The flame / fan patterns cannot be changed when using this button.

**3)** After approximately 3 seconds the spark ignition system will spark for 25 seconds to light the main burner.

**4)** If the main burner does not light, repeat step 2 to restart the unit See page 39.

## SHUTDOWN INSTRUCTIONS

**1)** Press the ON/OFF switch once.

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

## FIRST FIRE

The **FIRST FIRE** in your heater 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.

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

**NOTE:** The main burner will always start on "HIGH" and resume it's last setting after 20 seconds of operation.

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

**DO NOT ATTEMPT TO CLEAN THE GLASS WHILE IT IS STILL *HOT*!**

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

## REMOTE CONTROL

Use the Regency Remote Control Kit approved for this unit. Use of other systems may void your warranty. See page 2 for pairing of remote.

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

**1)** Choose a convenient location to mount the hand held transmitter, protection from extreme heat is very important.

By using the wall mounting plate to house the transmitter, the remote can also be used as a wall thermostat.

## SUMMARY OF CONTROLS

***On/Off Button***
If the unit is switched off, pressing and releasing this button once will switch the unit on. The unit will resume its last settings.

If the unit is switched on, pressing and releasing this button once will switch the unit off.

***Flame:***
***Increase -*** If the unit is switched on, pressing and releasing the flame plus (+) button once will increase the flame height to the next available high setting.

***Decrease -*** If the unit is switched on, pressing and releasing the flame minus (-) button once will decrease the flame height to the next available low setting.

***Fan:***
***Increase -*** If the unit is switched on, pressing and releasing the fan plus (+) button once will increase the fan speed to the next available high setting.

***Decrease -*** If the unit is switched on, pressing and releasing the fan minus (-) button once will decrease the fan speed to the next available low setting.

## FAN OPERATION

Set the fan speed on the control panel at the top rear of the unit to adjust to the desired speed.

Pressing and releasing the plus (+) FAN button will change the fan speed as follows:

LOW -> MEDIUM -> HIGH -> .

**Fan cannot be turned off**

Pressing and releasing the minus (-) FAN button will be the reverse of the above.

**Fan must be running at all times when the unit is in operation.**

**Fan must be running at all times when the unit is in operation.**

## ADJUSTING FLAME HEIGHT

There are six flame settings that can be adjusted by pressing and releasing the plus (+) and minus (-) FLAME button.

## COPY OF LIGHTING PLATE INSTRUCTIONS

**FOR YOUR SAFETY READ BEFORE LIGHTING**

This appliance must be installed in accordance with the current AS/NZS 5601-2013

**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) 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 neighbors phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

B) 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 flammable vapors away. Keep burner and control compartment clean. See installation and operating instructions accompanying appliance.

**LIGHTING INSTRUCTIONS**

**STOP!** Read the safety information above on this label.

1) **Plug the power cord into a power outlet.**

2) **Press and release the ON/OFF button once to start the unit.**

***ON/OFF function may be controlled by either Remote Wall Mount Control or ON/OFF control on the Unit.**

3) **After approximately 3 seconds the spark ignition system will spark for 25 seconds to light the main burner.**

4) **If the main burner does not light, check the gas and reset the unit.**

TO TURN OFF GAS APPLIANCE

1) **Press the ON/OFF button once.**

2) **Turn off all electric power to the unit if service is to be performed.**

**DO NOT REMOVE THIS INSTRUCTION PLATE**

919-130a

## 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.

**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.

## RESETTING THE UNIT

If the appliance goes to 'lockout', the system will have to be reset by depressing the reset button - located on the right side of the unit by outer door frame with the unit in the "ON POSITION" (fan running).

***Important**: Wait at least 5 min for any unburned gas to clear before resetting the appliance.

**1)** Turn on the unit. Fan should be heard.

2) Press and hold down the reset button for at least 5-10 seconds.
**NOTE: If nothing happens, Repeat Step 1 -one more time.**

**3)** The pilot sparks can be heard and seen at the back. It will take approximately 2 to 3 seconds for the flame to be lit.

**NOTE:** Wait 5 minutes between reset attempts.

**NOTE:** If unit fails to light after 25 seconds; wait 5 min, then manually reset using black button on the right hand side below glass frame.

**WARNING:**
**DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IN OPERATION.**

"Appliances incorporating a live fuel effect (designed to operate with blue flames with slight yellow tips) may exhibit slight carbon deposition."

## FAN SERVICE

**PRIOR TO SERVICING THE FAN, ENSURE UNIT HAS COOLED TO ROOM TEMPERATURE, ALL POWER IS DISCONNECTED AND GAS SUPPLY IT TURNED OFF.**

**1**. Remove faceplate, inner frame, glass door, front trim piece and inner panels - see instructions in this manual.

**2**. Remove logs.

**3**. Remove burner side panels by lifting out as shown in Diagram 1.

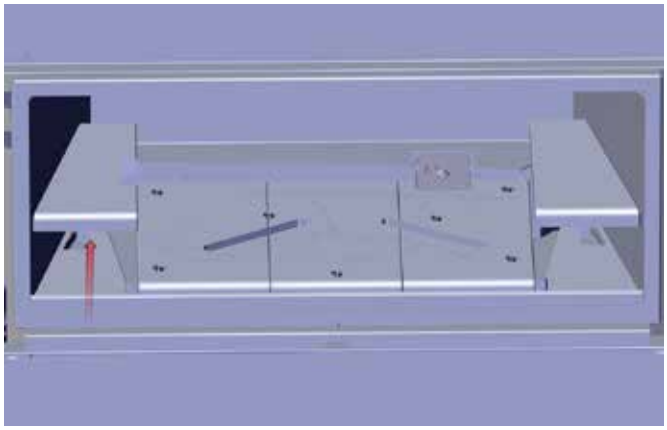


*Diagram 1 - Burner Side Panels*

**4**. Remove burner by removing 2 screws in locations shown below.

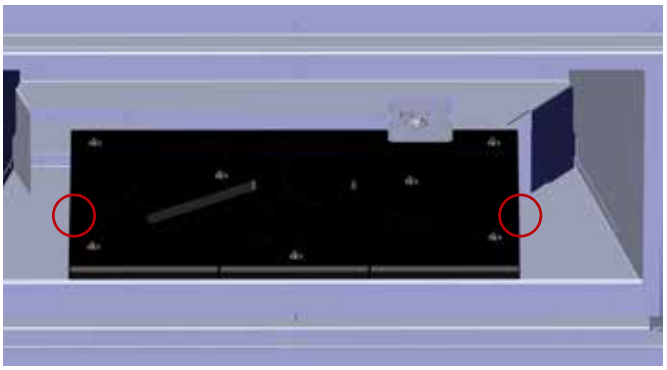


*Diagram 2 - Burner Screw Locations*

**5**. Remove rear log tray by removing 3 screws as shown in Diagram 3 below.

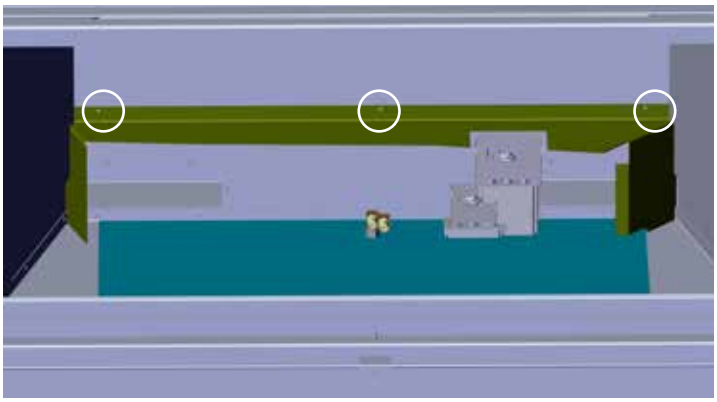


*Diagram 3 - Log Tray screws*

**6.** Remove access panel by removing eight(8) screws in locations shown in Diagram 4.

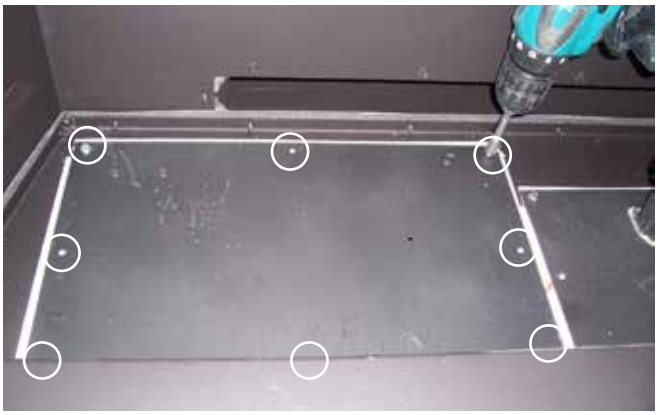


*Diagram 4 - Access Tray screws*

**7.** Loosen three (3) screws to remove heat deflector shown in Diagram 5.

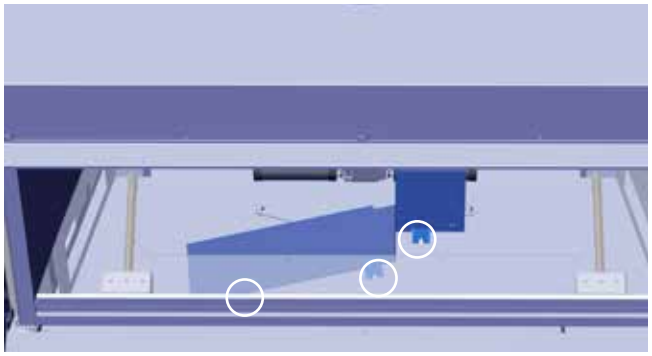


*Diagram 5 - Heat Deflector Screws*

**8.** Remove two (2) screws to remove fan shown in Diagram 6.

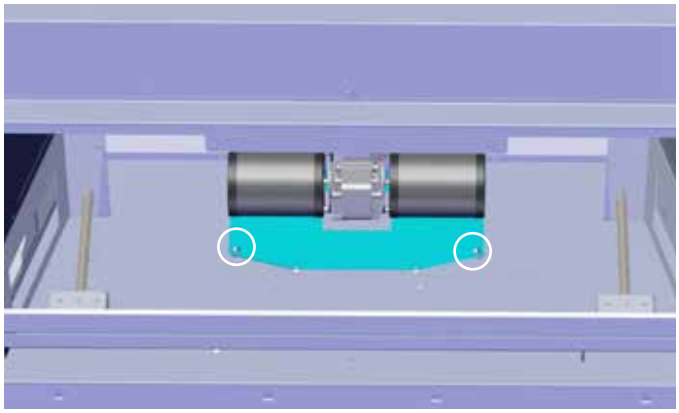


*Diagram 6 - Fan Screws*

**9.** Reverse steps to reinstall fan.

## 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.

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

**3)** The faceplate is finished in a heat resistant paint and should only be refinished with heat resistant paint. Regency® uses StoveBright Paint - Metallic Black 938-110.

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

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

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

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

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

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

**8)** Verify operation after servicing.

## GENERAL FLUE MAINTENANCE

Conduct an inspection of the venting 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 termination cap, and shine a flashlight down the Flue. Remove any bird nests, or other foreign material. Reinstall the termination cap and seal with approved sealant.

**3)** Check for evidences of excessive condensation, such as water droplets forming in the inner liner, and subsequently dripping out the joints, Continuous condensation can cause corrosion of caps, pipe, and fittings. It may be caused by having excessive lateral runs, too many elbows, and exterior portions of the system being exposed to cold weather.

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

## GLASS GASKET

If the glass gasket requires replacement use a tadpole glass gasket (Part # 936-157).

## GLASS DOOR

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

**CAUTION & WARNINGS:**

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

**GLASS REPLACEMENT**

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

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

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

## TROUBLESHOOTING

### All maintenance must be carried out by a licensed qualified service person

**IT IS CRITICAL THAT THIS APPLIANCE IS EARTHED AND THAT THE ACTIVE AND NEUTRAL ARE NOT REVERSED**

| UNIT OPERATION | ACTION REQUIRED |
|---|---|
| **No gas to the burner** | The gas valve should open at the same time the ignition commences sparking. If there is no gas to the burner, turn unit off. Connect manometer to inlet test point on the gas valve and check static pressure. If O.K. turn unit on and check there is no significant drop in the pressure. If O.K. connect manometer to outlet test point of the gas valve, turn unit on and check outlet pressure is present whilst the spark is being generated. |
| **Unit sparks, main burner ignites after 5 seconds spark continues even though main flame is present** | This can be caused by incorrect polarity. Check that the wall socket to the appliance has correct polarity. If an extension lead is fitted check polarity of the lead. Check the polarity of the supply lead to the appliance. **NOTE: The above checks must be carried out by a qualified person** |
| **Convection fan operates but no ignition after approx 1 minute** | Ignition module is in lockout, reset module. Go to “Resetting The Unit” in the manual. Then turn on again. **NOTE: On initial light up this may occur a number of times until any residual air is purged from the gas line through the burner system. It is essential the required waiting time as stated in the manual is observed prior to attempting re ignition** |
| **After rese翱 ng ignition module, unit still not operating after 1 minute** | Turn burner switch to "ON", fans will operate within 5 secs, listen for audible "click" first from ignition module, then from pressure switch. If no "click' heard contact service agent |
| **Confirm spark is produced when heater is turned on** | The ignition electrode should spark at the same time the gas control solenoid valve opens(after approx 1minute purge time). At this point the spark electrode will activate for up to 5 seconds. A blue spark can be seen when the heater ignition process starts, Ensure the spark is present between the electrode and burner. |

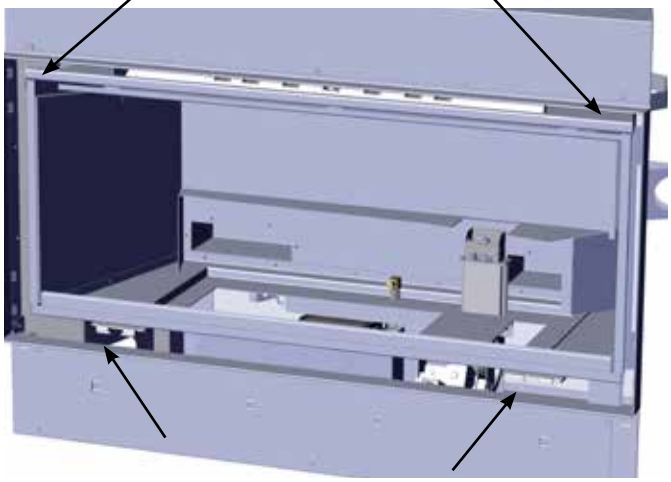
| | |
|---|---|
| **If no spark is produced** | Check pressure switch is operating (there should be an audible click when the pressure switch makes contact). Providing the pressure switch has continuity and convection fan is creating pressure,the electrode should spark and the gas valve open within 5 seconds of the completion of the purge cycle. |

## GLASS DOOR INSTALLATION

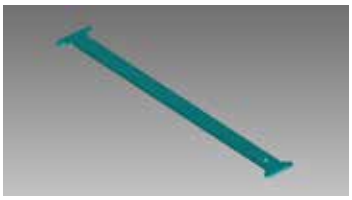
**WARNING: Do not operate the appliance with the glass panels removed, cracked or broken. Replacement of the glass panels should be done by a licensed or qualified service person. Glass should be cool if cleaning is necessary.**

**1.** Insert the door tool into the lower door latch.

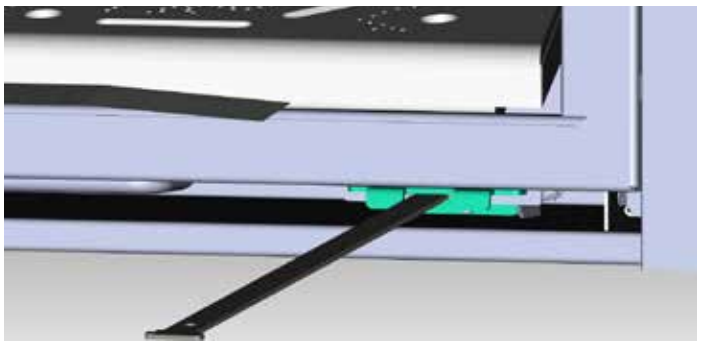
*Upper Door Hooks*



*Lower Door Latches*



*Door Tool*



**2.** Pull forward until the lower door latch is disengaged from the door frame.

**3**. Push downward until the Lower Door Latch is below the Door Frame.

**4.** Release the lower door latch until it reaches its resting point.

**5.** Remove the door tool and repeat steps 1-5 on the other lower door latch.

**6.** Pull the bottom of the door towards you until the door is angled away from the firebox by about 30°. Lift the door up and over the upper door hooks.

**7.** To install the glass door - reverse steps.

## VALVE TRAY REPLACEMENT

**PRIOR TO VALVE TRAY REPLACEMENT, ENSURE UNIT HAS COOLED TO ROOM TEMPERATURE, ALL POWER IS DISCONNECTED AND GAS SUPPLY IT TURNED OFF.**

**1**. Remove faceplate, inner frame, glass door, front trim piece and inner panels - see instructions in this manual.

**2.** Remove logs.

**3.** Remove burner side panels by lifting out as shown in Diagram 1.

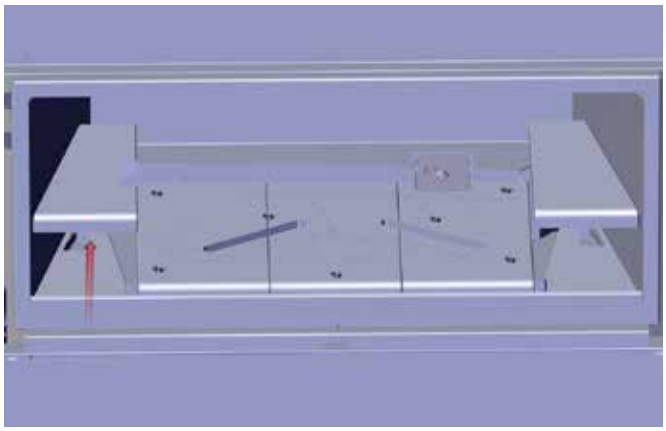


*Diagram 1 - Burner Side Panels*

**4.** Remove burner by removing 2 screws in locations shown below.

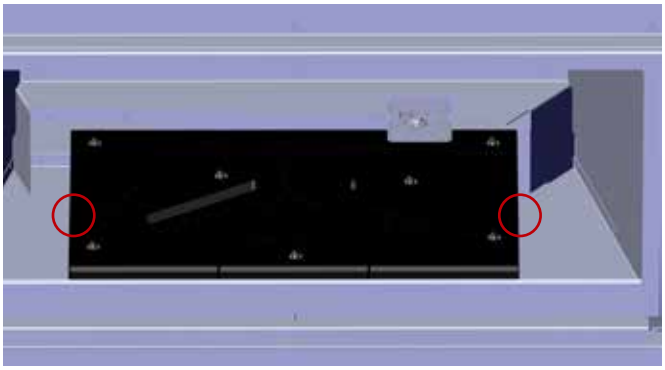


*Diagram 2 - Burner Screw Locations*

**5.** Remove rear log tray by removing 3 screws as shown in Diagram 3 below.

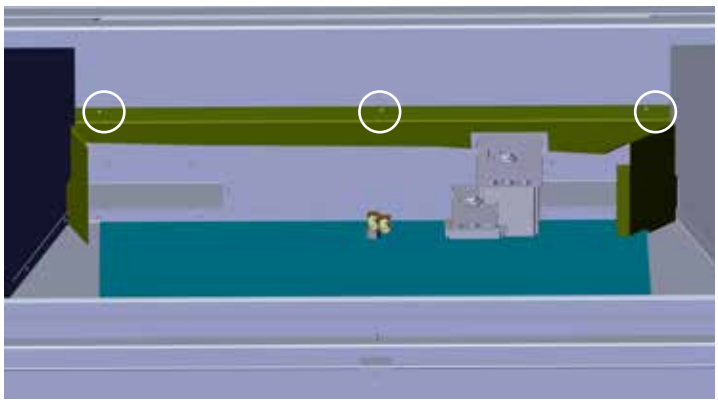


*Diagram 3 - Log Tray screws*

**6.** Remove burner by removing 14 screws in locations shown below.

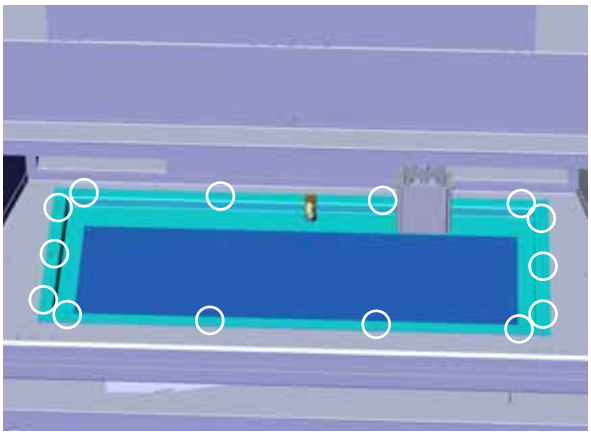


*Diagram 4 - Valve Tray Screw Locations*

**7.** Lift out valve tray.

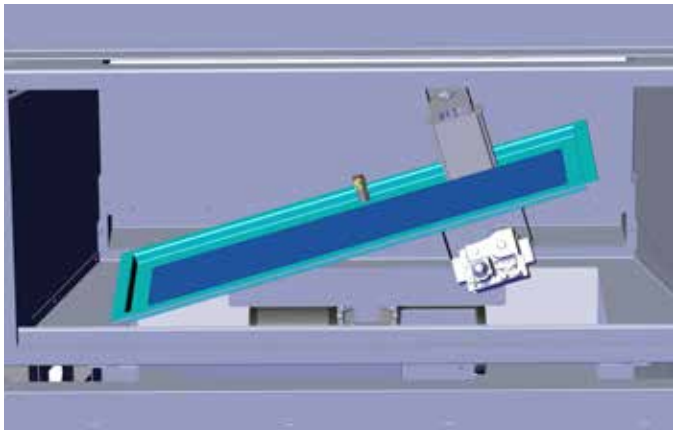
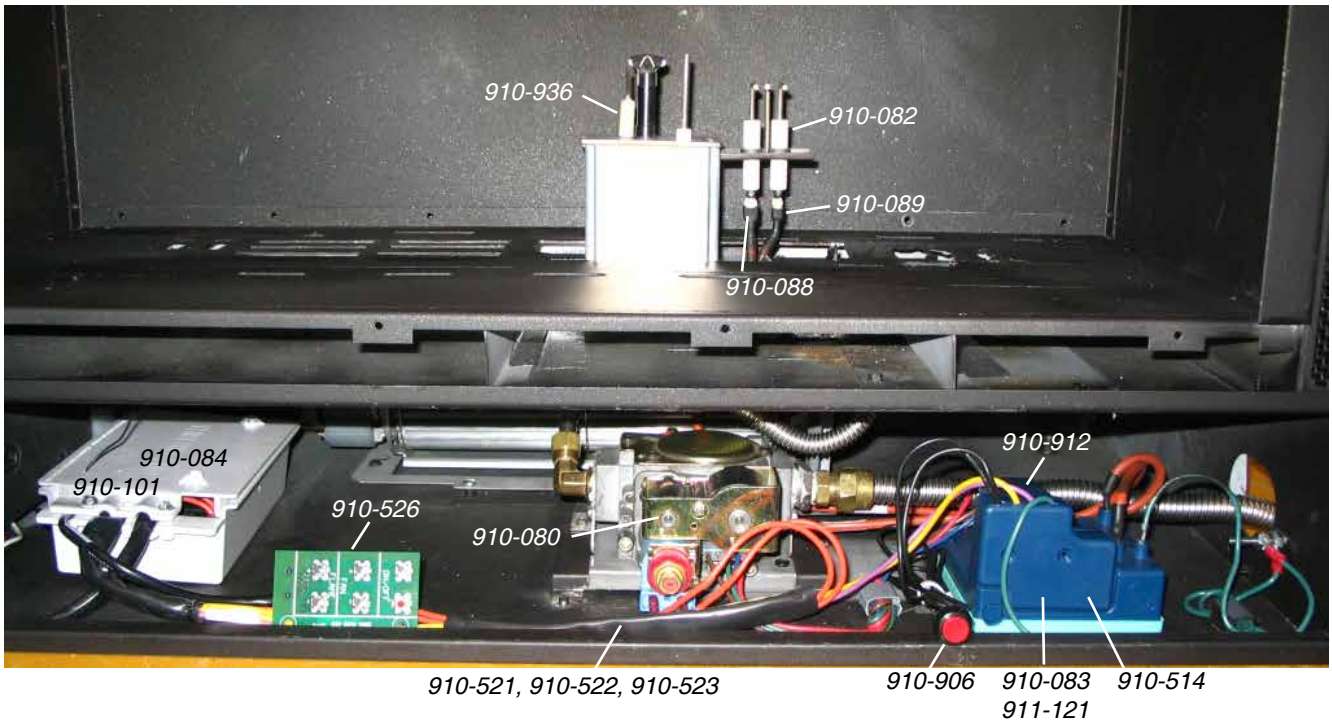


*Diagram 5 - Valve Tray Removal*

**8.** Replace valve tray and reverse steps.

## ELECTRONIC COMPONENTS PARTS LIST

**Note:** Depending on the model, the diagram below may not be exactly as shown - for reference purposes only.



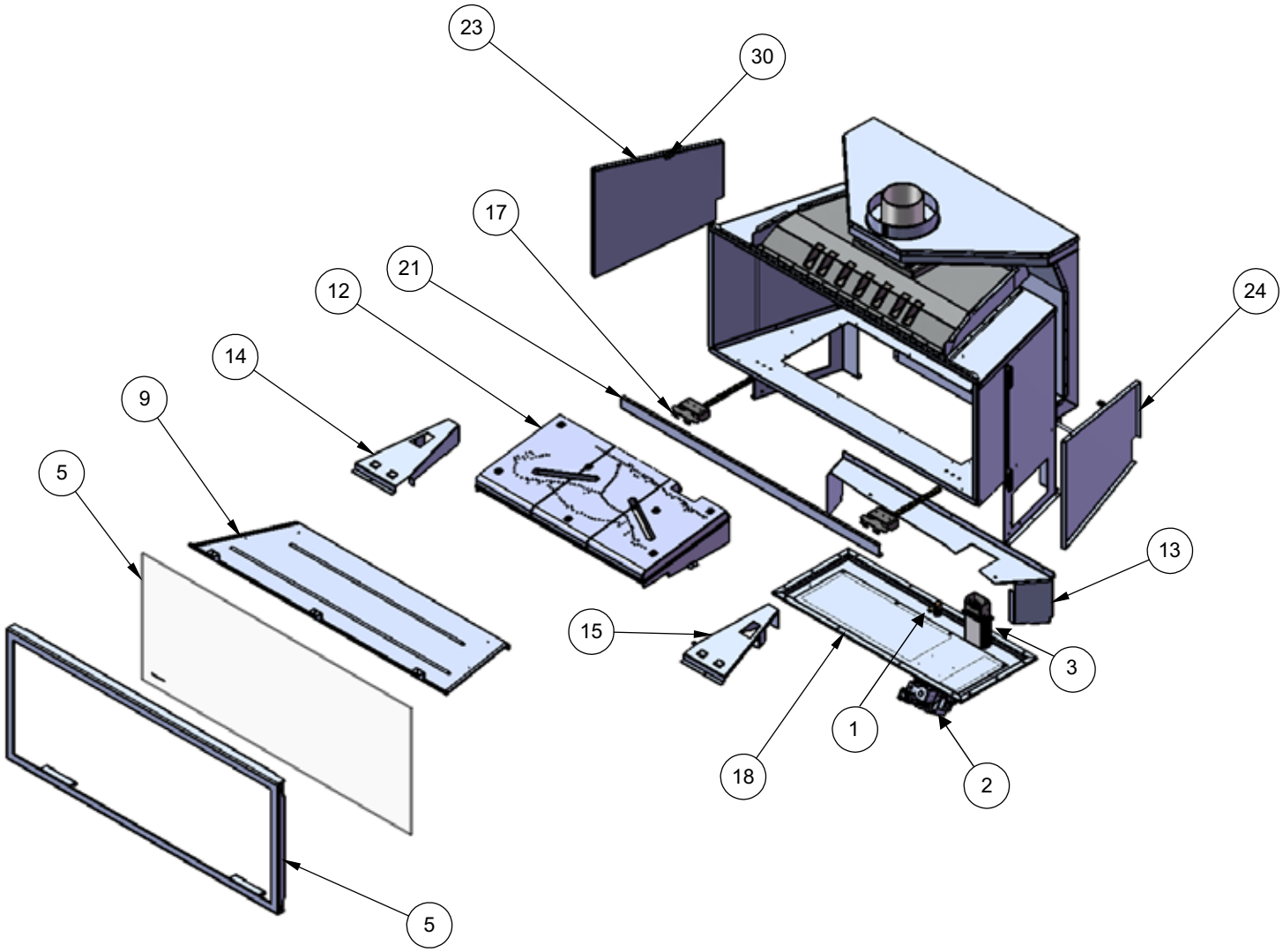

| | FG38 | FG39 | PG33 | PG36 / PG36D | PG121/ PG131 | IG35 | IG34 | GF900L/C |
|---|---|---|---|---|---|---|---|---|
| **910-909** Fan Resistor | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **910-936** Intermittent Pilot | N/A | ✓ | ✓ | ✓ | ✓ | N/A | ✓ | ✓ |
| **910-082** Direct Spark Ignitor | ✓ | N/A | N/A | N/A | N/A | ✓ | N/A | N/A |
| **910-089** Flame Cable | ✓ | N/A | N/A | N/A | N/A | ✓ | N/A | N/A |
| **910-088** Spark Cable | ✓ | N/A | N/A | N/A | N/A | ✓ | N/A | N/A |
| **910-084** Control Box | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | N/A |
| **910-101** Control Box | N/A | N/A | N/A | N/A | N/A | N/A | N/A | ✓ |
| **910-527** Manual Control Switch | ✓ | ✓ | N/A | N/A | N/A | N/A | ✓ | N/A |
| **910-080** Valve | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **910-521** Control Box Cable **(1)**<br>**910-522** Control Box Cable **(2)**<br>**910-523** Control Box Cable **(3)**<br>**910-525** Control Box Cable **(4)** | *N/A | (2) | (1) | (1) | (3) | N/A* | (2) | N/A |
| **910-912** Ignition Module to Valve Cable | N/A | N/A | ✓ | ✓ | ✓ | ✓ | ✓ | ✓ |
| **911-161** Reset Switch- Black | N/A | ✓ | ✓ | ✓ | ✓ | N/A | ✓ | ✓ |
| **910-083** Ignition Module **(1)**<br>**911-121** Ignition Module **(2)** | (1)<br>(2) | (2) | (2) | (2) | (2) | (1) | (2) | (2) |
| **910-514** Jumper Wire | N/A | ✓ | ✓ | ✓ | ✓ | | | |
| **910-527** Manual Control Switch | ✓ | ✓ | N/A | N/A | N/A | N/A | ✓ | N/A |
| **910-935** Manual Control Switch | N/A | N/A | ✓ | ✓ | ✓ | ✓ | ✓ | N/A |

****Note:** The Control Box Cable wires for the FG38 come separately: 910-502, 910-505, 910-506, 910-507, 910-509

## MAIN ASSEMBLY

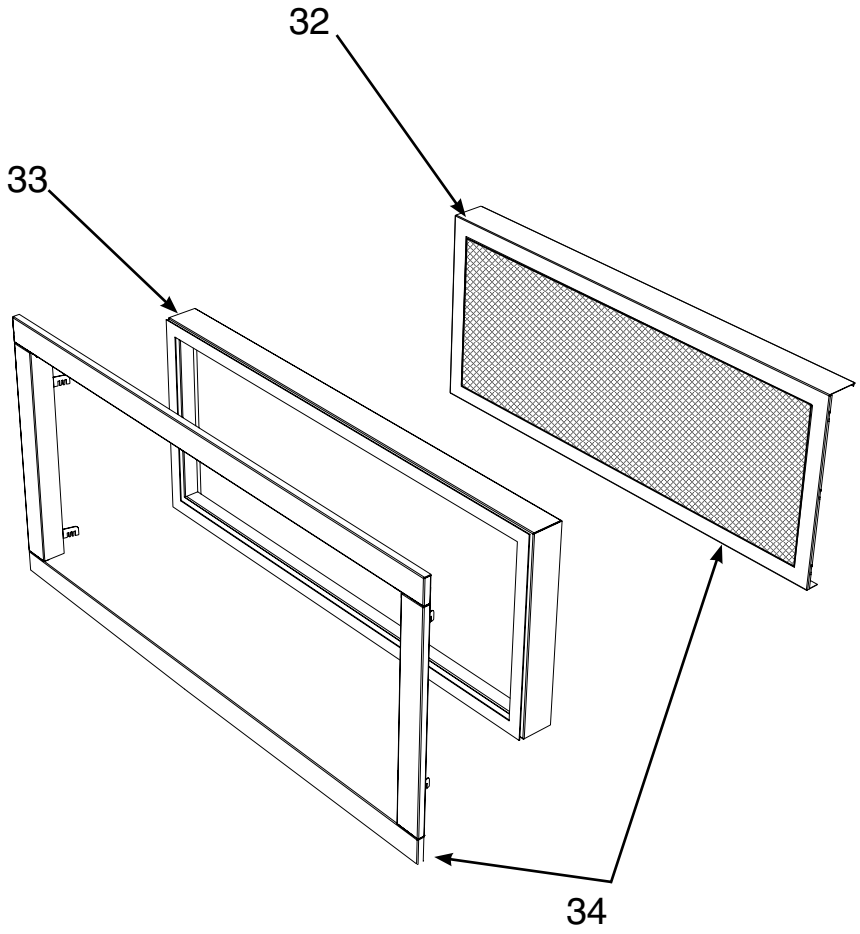
| | Part # | Description |
|---|---|---|
| 1 | 904-644 | Orifice - NG #35 |
| | 904-345 | Orifice - LP #53 |
| 2 | 910-080 | Sigma Valve NG |
| | 910-081 | Sigma Valve LP |
| 3 | 910-936 | Pilot Assy |
| | 911-101 | Control box ECS III |
| | 911-121 | SIT Ignition Control Module |
| 5 | 940-373/P | Glass Door Assy |
| | 466-014 | Door Frame |
| 8 | 466-019 | Fan Air Top Deflector LH |
| 9 | 466-021 | Baffle |
| 12 | 466-530 | Ceramic Burner Assy |
| 13 | 466-032 | Rear Log Tray |
| 14 | 466-033 | Left Panel Bracket |
| 15 | 466-034 | Right Panel Bracket |
| 16 | 396-038 | Bottom Door Latch Retainer |
| 17 | 396-037 | Bottom Door Latch |
| 18 | 466-576/P | GF-900 Valve Assy LP |
| | 466-574/P | GF-900 Valve Assy NG |
| 21 | 466-044 | Front deflector |
| 23 | 466-060 | Left Panel |
| 24 | 466-061 | Right Panel |
| 25 | 466-071 | Left ceramic filler |
| 26 | 466-072 | Right ceramic filler |
| 30 | 476-062 | Panel Clip |
| 31 | | Rear Panel |
| * | 466-967 | Conversion Kit LPG/ULPG |
| * | 911-100 | Remote Control |
| * | 911-101 | Control Box |
| * | 911-112 | Pressure switch |
| * | 911-113 | Switch On/Off w/Cat 5 cable |
| * | 910-155/P | Blower Motor |
| * | 466-930 | Log Set |
| * | 911-161 | Black Reset Button |
| * | 466-063 | Valve mounting gasket |
| * | 466-064 | Access plate gasket |
| * | | Not Shown |
| | 919-501 | Manual |

## MAIN ASSEMBLY



## ACCESSORIES

| | Part # | Description |
|---|---|---|
| 32 | 467-922 | Inner door frame - Black w/ Screen |
| | 467-932 | Inner door frame - Stainless w/ Screen |
| 33 | 467-544 | Door Frame Overlay - Black |
| 34 | 467-938 | Fascia and Door Frame Black w/Screen |
| | 467-936 | Fascia and Door Frame Stainless Steel w/Screen |
| * | 467-951 | Fascia Black Glass (not shown) |



# 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. Regency® is pleased to extend this limited lifetime warranty to the original purchaser of a Regency® Product. Regency® will repair or replace goods free of charge in the event of defects arising from faulty materials or workmanship in accordance with the warranty terms in relation to Definitions, Warranty Conditions and Exclusions stated in this document.**

The benefits to the consumer given by this warranty are in addition to all other rights and remedies of the consumer under a law in relation to the goods or services to which the warranty relates.

Our goods come with the guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

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

External casting, surrounds and grills are covered against cracks and warps resulting from manufacturer defects, parts and labour for one (1) year from the date of purchase and parts only thereafter.

Regency Fireplace Products is not liable for freight or labour on any gas appliance replaced in the field.

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

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

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

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

**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 thirty (30) kilometres from the installation, Regency is not obliged to arrange warranty repairs and travel and/or additional labour charges will apply.

Porcelain/Enamel - Absolute perfection is neither guaranteed nor commercially possible. Any chips must be reported and inspected by an authorised dealer within three days of installation. Reported damage after this time will be subject to rejection.

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

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

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

**Exclusions:**
This limited Lifetime Warranty does not extend to or include paint, door or glass gasket or trim. It does not cover installation and operational related problems such as over-firing, down drafts 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.

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

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

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

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 authorisation from Regency®, may nullify your warranty on this product.

Regency 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 Regency Fireplace Products. *SUBJECT TO CHANGE.*

| DISTRIBUTORS: | Western Australia | Eastern Australia | New Zealand |
|---|---|---|---|
| | Air Group Australia | Fireplace Products Australia PTY. Ltd. | Aber Holdings |
| | 28-30 Division St. | 1-3 Conquest Way | 17 Mainstreet Place |
| | Welshpool, WA 6106 | Hallam, VIC 3803 | Te Rapa Ha 3200 |
| | 08 9350 2200 | 03 9799 7277 | 07 849 7585 |

**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.:**_____

*GF900L Video*