

# Owners & Installation

# Manual

## LISTINGS AND CODE APPROVALS

These gas appliances have been tested in accordance with AG 103, NZS 5262 and have been certified by the Australian Gas Association for installation and operation as described in these Installation and Operating Instructions.

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

# Masport®

## Freestanding Gas Stove

### FireGenie™

Models: FG37-NG  
FG37-LPG



### PLEASE KEEP THESE INSTRUCTIONS FOR FUTURE REFERENCE

#### WARNING:

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

#### FOR YOUR SAFETY

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

Installation and service must be performed by an authorised installer, service agency or the gas supplier.

#### FOR YOUR SAFETY

What to do if you smell gas:

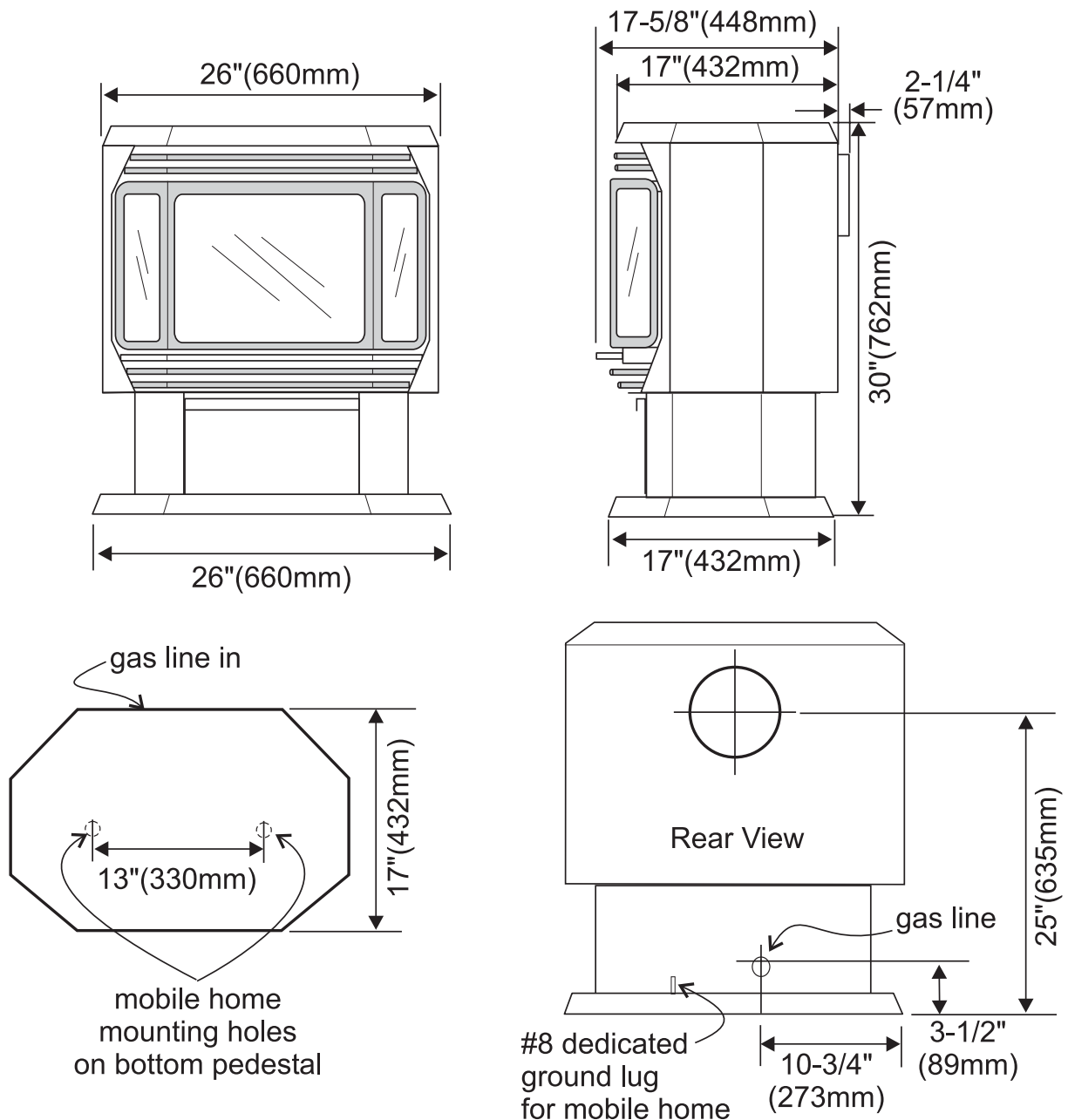
- Do not try to light any appliance
- Do not touch any electrical switch: do not use any phone in your building.
- Immediately call your gas supplier from a neighbour's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

**Head Office - New Zealand**  
1-37 Mt Wellington Hwy. Panmure,  
P.O. Box 14349  
Auckland 6.

**Australia**  
P.O. Box 533  
Braeside, Victoria, 3195

### To the New Owner:

Congratulations! You are the owner of a state-of-the-art Masport Rear Flued Room Sealed Freestanding Gas Stove by FPI Fireplace Products International. The Masport Gas Series of hand crafted appliances has been designed to provide you with all the warmth and charm of a woodstove, at the flick of a switch. The models FG37-NG, and F37-LPG of this series has been approved by Warnock Hersey for both safety and efficiency. As it also bears our own mark, it promises to provide you with economy, comfort and security for many trouble free years to follow. Please take a moment now to acquaint yourself with these instructions and the many features of your Masport Rear Flued Room Sealed Freestanding Gas Stove.



# TABLE OF CONTENTS

|   | Page |   | Page |
|---|------|---|------|
| Specifications diagram .....                          | 2    | <b>Operating Instructions</b>                   |      |
| Data Plate .....                                      | 4    | Operating Instructions .....                    | 19   |
| <b>Installation</b>                                   |      | Lighting Procedure .....                        | 19   |
| Specifications .....                                  | 5    | Resetting the Unit .....                        | 19   |
| Before You Start .....                                | 5    | Shutdown Procedure .....                        | 19   |
| General Safety Information .....                      | 5    | First Fire .....                                | 19   |
| Installation Checklist .....                          | 6    | Fan Operation .....                             | 19   |
| Clearances to Combustibles .....                      | 6    | Adjusting Flame Heights .....                   | 19   |
| Locating Your MASPORT Gas Stove .....                 | 6    | Normal Operating Sounds of Gas Appliances ..... | 20   |
| Combustion and Ventilation Air .....                  | 6    | Summary of Controls .....                       | 20   |
| Exterior Flue Terminal Locations .....                | 7    | Pilot Adjustment .....                          | 20   |
| Fluing Installation Precautions .....                 | 8    | Copy of Lighting Plate Instructions .....       | 21   |
| Safety Precautions for the Installer .....            | 8    | <b>Maintenance</b>                              |      |
| Planning Your Fluing Installation .....               | 8    | Maintenance Instructions .....                  | 22   |
| Fluing Arrangements - Vertical Terminations .....     | 9    | Gold Plated Doors .....                         | 22   |
| Flue Restrictor Position .....                        | 9    | Latch Adjustment .....                          | 23   |
| Fluing: Residential and Manufactured                  |      | Log Replacement .....                           | 23   |
| Homes/Mobile Homes Installation .....                 | 10   | Glass Replacement .....                         | 23   |
| Horizontal Installations .....                        | 10   | Fan Maintenance .....                           | 24   |
| Vertical Termination with Co-linear Flex System ..... | 12   | Removing Valve .....                            | 25   |
| Gas Connection .....                                  | 12   | <b>Parts List</b>                               |      |
| System Data Chart - FG37 .....                        | 12   | Replacement Parts List .....                    | 26   |
| Conversion from NG to LPG .....                       | 13   | <b>Warranty</b>                                 |      |
| Aeration Adjustment .....                             | 15   | Warranty .....                                  | 31   |
| Log Installation .....                                | 15   |   |      |
| Door Installation .....                               | 16   |   |      |
| Gas Pipe Pressure Testing .....                       | 17   |   |      |
| Valve Description .....                               | 17   |   |      |
| Louvre Installation .....                             | 17   |   |      |
| Optional Remote Control Installation .....            | 18   |   |      |
| Final Check .....                                     | 18   |   |      |
| Wiring Diagram .....                                  | 18   |   |      |

# DATA PLATE

This is a copy of the label that accompanies each MASPORT Rear Flued Room Sealed Free-standing Gas Stove. We have printed a copy of


the contents here for your review. The data plate is located on the inside of the drop down pedestal door.

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

## Masport Gas Fireplace

|                                      |                       |                       |
|--------------------------------------|-----------------------|-----------------------|
| Model                                | <input type="radio"/> | <input type="radio"/> |
| Gas Type                             | NG                    | LPG                   |
| Model                                | FG37-NG               | FG37-LPG              |
| Gas Consumption                      | 31.7mj.               | 31mj.                 |
| Manifold Pressure                    | 0.89kPa               | 2.55kPa               |
| Injector Size                        | 1x#37<br>2.64mm       | 1x#52<br>1.61mm       |
| AGA Approval number to<br>Code AG103 | 6240                  | 6240                  |

Electrical: 240VAC 50Hz 1.0 amp max.

 **N2134**

Serial Number **281**


918-364

Distributed by:

**Masport Pty. Ltd.**  
**PO Box 533**  
**Braeside, Victoria. 3195**

**Masport Ltd.**  
**1-37 Mt. Wellington H/Way**  
**Auckland 6**  
**New Zealand**

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



**DO NOT**

**DO NOT**

**DO NOT**

**DO NOT**

**DO NOT**

OPERATE THIS APPLIANCE BEFORE READING THE INSTRUCTIONS BOOKLET.

PLACE ARTICLES ON OR AGAINST THIS APPLIANCE

STORE CHEMICALS OR FLAMMABLE MATERIALS, OR SPRAY AEROSOLS NEAR THIS APPLIANCE.

OPERATE WITH PANELS, COVERS OR GUARDS REMOVED FROM THIS APPLIANCE.

ENCLOSE THIS APPLIANCE.

908-602

☐

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

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

(Australia Only)

## IMPORTANT: SAVE THESE INSTRUCTIONS

The MASPORT Rear Flued Room Sealed Freestanding Gas Stove must be installed in accordance AG601 and NZS 5261 and with these instructions. Carefully read all the instructions in this manual first. Consult the building authority having jurisdiction to determine the need for a permit prior to starting the installation.

**Note:** Failure to follow the instructions could cause a malfunction of the heater which could result in death, serious bodily injury, and/or property damage. Failure to follow these instructions may also void your fire insurance and/or warranty.

## SPECIFICATIONS

**Fuels:** FG37-NG is approved for use with NG.  
FG37-LPG is approved for use with liquefied petroleum gases (LPG).

**Electrical:** 240 V A.C. system.

**Circulation Fan:** Two Speed

**Log Sets:** Ceramic fibre, 7 per set.

### Flue System:

Axial (6-5/8" (168mm) outer / 4" (102mm) inner liner) rigid flue and Riser Vent Terminal.

## BEFORE YOU START

Safe installation and operation of this appliance requires common sense, however, please be aware of the following:

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

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

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

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

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

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

- 1) Provide adequate clearances for servicing, proper operation and around the air openings into the combustion chamber.
- 2) The appliance must be installed on a flat, solid, continuous surface (e.g. wood, metal, concrete). This may be the floor, or it can be raised up on a platform to enhance its visual impact. The appliance may be installed on carpeting, tile, wood flooring or other combustible material, because the appliance's metal pedestal base extends the full width and depth of the appliance. The MASPORT Rear Flued Room Sealed Freestanding Gas Stove can be installed in a wide variety of ways and will fit nearly any room layout. It may be installed in a recessed position, framed out into the room, or across a corner.
- 3) The MASPORT Rear Flued Room Sealed Freestanding Gas Stove is approved for manufactured home installations, see pages 6 to 9 for the required flue arrangements. If installed into a manufactured home the unit must be bolted down to the floor.

- 4) 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 building inspector review your plans before installation.

## GENERAL SAFETY INFORMATION

- 1) The appliance shall be installed in accordance with the manufacturer's installation instructions, local gas fitting regulations, municipal building codes, water supply regulations, electrical wiring regulations, with AG 601 (AGA gas installation code) NZS 5261 (New Zealand)
- 2) Installation and repair should be done **ONLY** by an authorised person.
- 3) **DONOT CONNECT TO MASONARY FLUE.**
- 4) This appliance must be connected to the specified flue and termination cap to the outside of the building envelope. Never flue to another room or inside a building. Make sure that the flue is fitted as per Flueing instructions.
- 5) Inspect the flueing system annually for blockage and any signs of deterioration.
- 6) Flueing terminals shall not be recessed into a wall or siding.
- 7) Any safety glass removed for servicing must be replaced prior to operating the appliance.
- 8) To prevent injury, do not allow anyone who is unfamiliar with the operation to use the fireplace.
- 9) Wear gloves and safety glasses for protection while doing required maintenance.
- 10) Be aware of electrical wiring locations in walls and ceilings when cutting holes for termination.
- 11) Under no circumstances should this appliance be modified. Parts that have to be removed for servicing should be replaced prior to operating this appliance.
- 12) Installation and any repairs to this appliance should be done by an authorised service person. An authorised 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.

# INSTALLATION

- 14) Under no circumstances should any solid fuels (wood, paper, cardboard, coal, etc.) be used in this appliance.
- 15) The appliance area must be kept clear and free of combustible materials, (gases and other flammable vapours and liquids).

## INSTALLATION CHECKLIST

- 1) Check Clearances to Combustibles (page 6), location of unit (page 6) and fluing requirements (pages 6-9).
- 2) Install fluing: Check all fluing requirements, pages 8-12.
- 3) Make gas connections, page 12. Test the pilot. Must be as per diagram, pages 15 & 22.
- 4) If necessary, convert from NG to LPG (page 13).
- 5) Install log set, page 15.
- 6) Install Front Door Front, page 16.
- 7) Test Gas Pressure, page 17.
- 8) Install Louvres, page 17.
- 9) Install optional Remote Control, page 18.
- 10) Final check, page 18.

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.

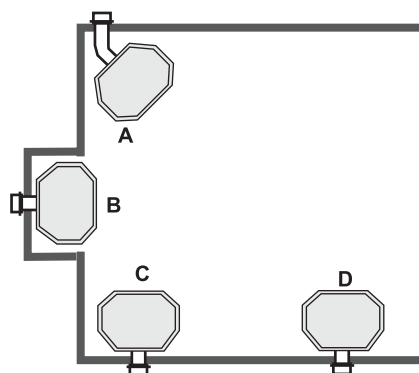
**CAUTION: Any alteration to the product that causes sooting or carboning that results in damage is not the responsibility of the manufacturer.**

## LOCATING YOUR MASPORT GAS STOVE

When selecting a location for your stove, ensure that the clearances listed above are met as well as ensuring that there is adequate accessibility for servicing and proper operation. For Flu Termination requirements, see page 7.

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

This appliance is Listed for Alcove installations, maintain minimum Alcove clearances as follows, minimum ceiling height of 1.7m, minimum width of 1.0m and a maximum depth of 0.9m.



- A) Cross Corner
- B) Flush with Wall/Alcove
- C) Flat on Wall Corner
- D) Flat on Wall

## CLEARANCES TO COMBUSTIBLES

The clearances listed are MINIMUM distances. Measure the clearance to both the appliance and the chimney connector. **The farthest distance is correct if the two clearances do not coincide.** For example, if the appliance is set as indicated in one of the diagrams but the connector is too close, move the stove until the correct clearance to the connector is obtained.

This appliance may be installed only with the clearances as shown in the situations pictured. **Do not combine clearances from one type of installation with another in order to achieve closer clearances.**

This unit can be installed on a solid combustible surface like a wood floor. This unit can also be installed directly on carpeting or vinyl when the bottom pedestal cover plate (provided with unit) is installed.

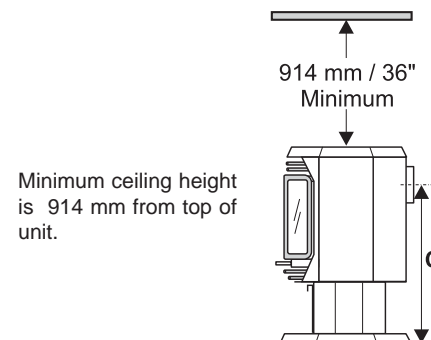
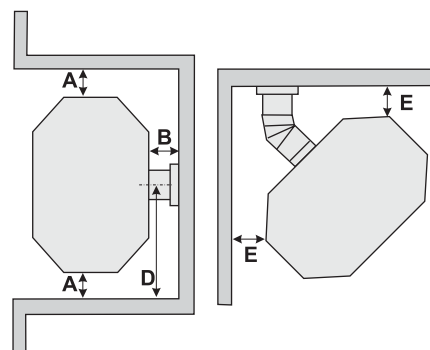
Use the minimum clearances shown in the diagrams below:

### FG37-NG & FG37-LPG Clearances

|                     |        |
|---------------------|--------|
| A Side Wall to Unit | 190 mm |
| B Back Wall to Unit | 76 mm  |
| E Side Wall to Unit | 114 mm |

### FG37-NG & FG37-LPG Reference Dimensions

|                                |        |
|--------------------------------|--------|
| C Floor to Flue Centerline     | 635 mm |
| D Side Wall to Flue Centerline | 521 mm |

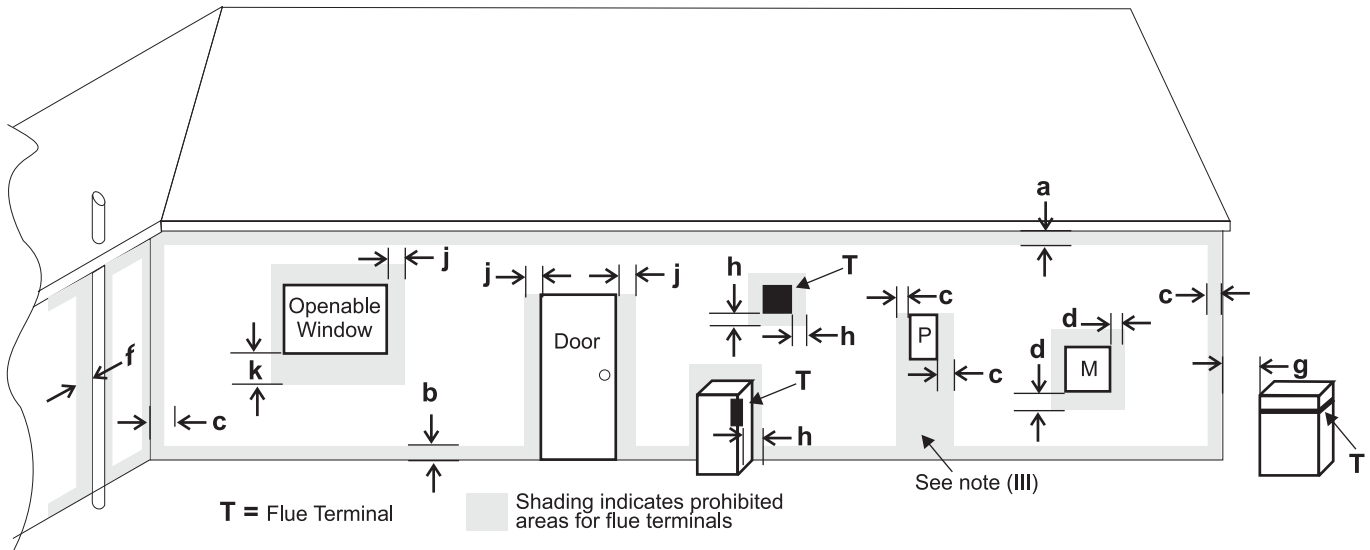


## COMBUSTION AND VENTILATION AIR

The combustion air from this appliance is drawn from outside the building through the outer flue. **Extra provision for combustion air inside the room is not required.**



## EXTERIOR FLUE TERMINATION LOCATIONS



### Minimum clearances required for balanced flue terminals or the flue terminals of outdoor appliances according to AG 601 (AGA gas installation code) or NZS 5261 (New Zealand)

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

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

#### NOTES:

- (I) For mechanical air inlets, including spa blowers, the clearance 'j' and 'k' shall be 1500 mm in all cases.
- (II) All distances shall be measured vertically or horizontally along the wall to a point in line with the nearest part of the terminal.
- (III) Prohibited area below electricity meter or fuse box extends to ground level.
- (IV) A flue terminal of this type shall not be located under a roofed area unless the roofed area is fully open on at least two sides and a free flow of air at the appliance is achieved.

# INSTALLATION

## FLUING

The Masport Room Sealed System (Horizontal Termination Kit (946-110) and the Vertical Termination with the Co-linear Flex System in combination with the MASPORT Room Sealed-Rear Freestanding Gas Stoves (FG37-NG and FG37-LPG) have been approved and listed as Room Sealed heater systems by Australian Gas Association.

The Horiz. Termination Kit (946-110) includes everything required for a straight through the wall installation, or add a 45° elbow for a corner installation.

## IMPORTANT

Read all instructions carefully before starting the installation. Failure to follow these instructions may create a fire or other safety hazard, and will void the warranty. Be sure to check the fluing and clearance to combustibles requirements on pages 6 to 9. Consult your local building codes before beginning installation.

The location of the termination cap must conform to the requirements in the Exterior Flue Terminal Locations diagram on page 7.

## FLUING INSTALLATION PRECAUTIONS

The Masport Room Sealed System and the Vertical Termination with the Co-linear Flex System are engineered products that have been designed and tested for use with the FG37-NG, and FG37-LPG. The Masport warranty will be voided and serious fire, health or other safety hazards may result from any of the following actions:

- 1) Installation of any damaged Room Sealed component
- 2) Unauthorized modification of the Room Sealed System
- 3) Installation of any component part not manufactured or approved by Masport Industries Ltd.
- 4) Installation other than as instructed by Masport Industries Ltd.

**Warning: Always maintain required clearances (air spaces) to nearby combustibles to prevent a fire hazard. Do not fill air spaces with insulation.**

The minimum clearance requirements between the outer wall of the flue pipe and nearby combustible surfaces is 30mm. Be sure to check the flue termination clearance requirements from decks, windows, soffits, gas regulators, air supply inlets and public walkways as specified on page 7 and in your local building codes.

**The gas appliance and flue system must be flued directly to the outside of the building, and never be attached to a chimney serving a separate solid fuel or gas-burning appliance.**

Each Room Sealed gas appliance must use its own separate flue system. Common flue systems are prohibited.

## SAFETY PRECAUTIONS FOR THE INSTALLER

- 1) Wear gloves and safety glasses for protection.
- 2) Exercise extreme caution when using ladders or on roof tops.
- 3) Be aware of electrical wiring locations in walls and ceilings.

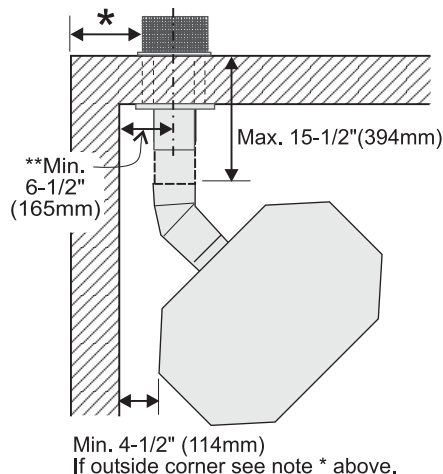
## PLANNING YOUR FLUING INSTALLATION

See page 7 for Exterior Flue Termination requirements.

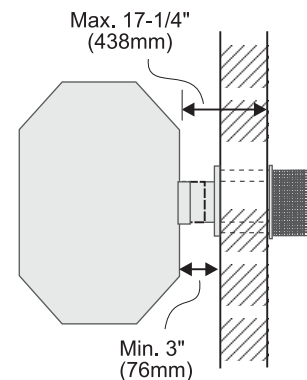
When planning your installation, it will be necessary to select the proper length of flue pipe for your particular requirements. Determine the minimum clearance to combustibles from the rear of the unit to the wall. It is also important to note the wall thickness. Before cutting the flue hole through the wall ensure that ALL flue and termination clearances (see page 7) will be met.

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

\*If this is an outside corner, the minimum distance between the flue and the outside corner is 12" (30cm). See "F" on the diagram on page 7.



For corner installation, Restrictor must be set at 1-1/4" (32mm) open.



For straight rear installation, Restrictor must be set at 1-1/8" (29mm) open.

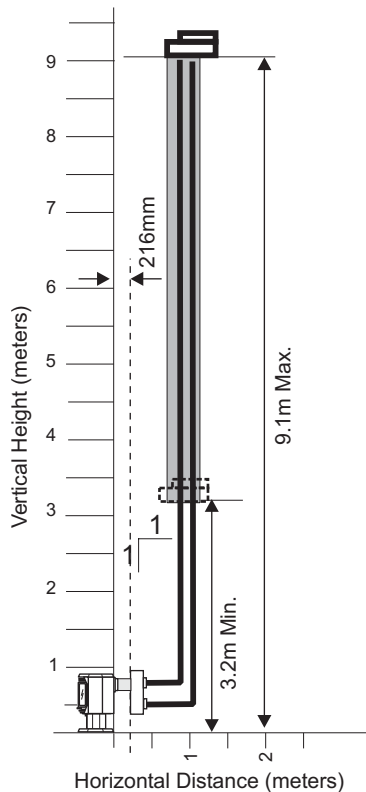


## FLUING ARRANGEMENTS - VERTICAL TERMINATIONS FOR BOTH RESIDENTIAL & MANUFACTURED HOMES/MOBILE HOMES

### Vertical Terminations with Co-linear Flex System

The shaded area in the diagram shows the allowable vertical terminations installed in a masonry chimney. All vertical flue installations require the Flue Restrictor to be set to 32mm open. All Vertical Flue Terminals must be Simpson Dura Vent (Abey Australia) DV 980 MAS (Australian Modified.)

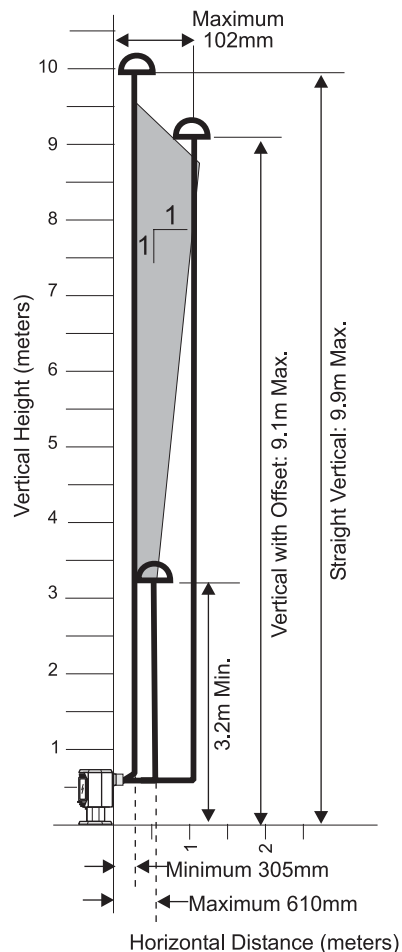
#### Straight Vertical Terminations



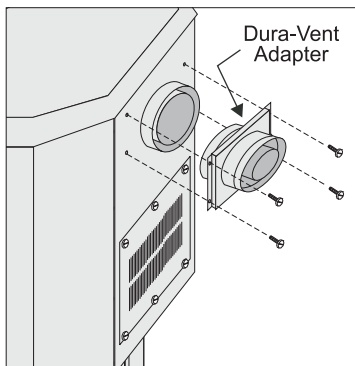
### Vertical Terminations using Dura-Vent Fluing System

The shaded areas in the two diagrams below show all allowable combinations of straight vertical and offset to vertical runs with vertical terminations. **Maximum one 90° elbow.** All vertical and offset to vertical flue installations require Flue Restrictor to be set to 32mm open. If the flue is ENCLOSED in a chase (min. size 229mm x 229mm) maintain a 32mm clearance to combustibles. All Vertical Flue Terminals must be Simpson Dura Vent (Abey Australia) DV 980 MAS (Australian Modified.)

#### Offset to Vertical Terminations

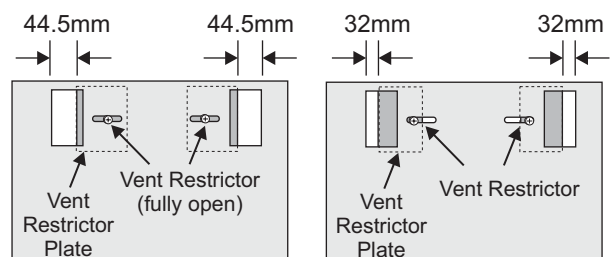


If connecting to a Dura-Vent system, the Adapter to Dura-Vent # 640-994 is required.



#### Flue Restrictor Position

To set the Flue restriction as indicated in the diagram, simply loosen the screws and push the flue restrictor plate to the correct position. Tighten the screws.



# INSTALLATION

## RESIDENTIAL AND MANUFACTURED HOMES/ MOBILE HOMES INSTALLATIONS

You will require the following components with your new Masport Rear Flued Room Sealed Freestanding Gas Stove. Please review your product to make sure you have everything you need. In the event that you are missing any part, contact your dealer.

**Note: These are the minimum pieces required.**  
**Other parts may be required for your particular installation.**

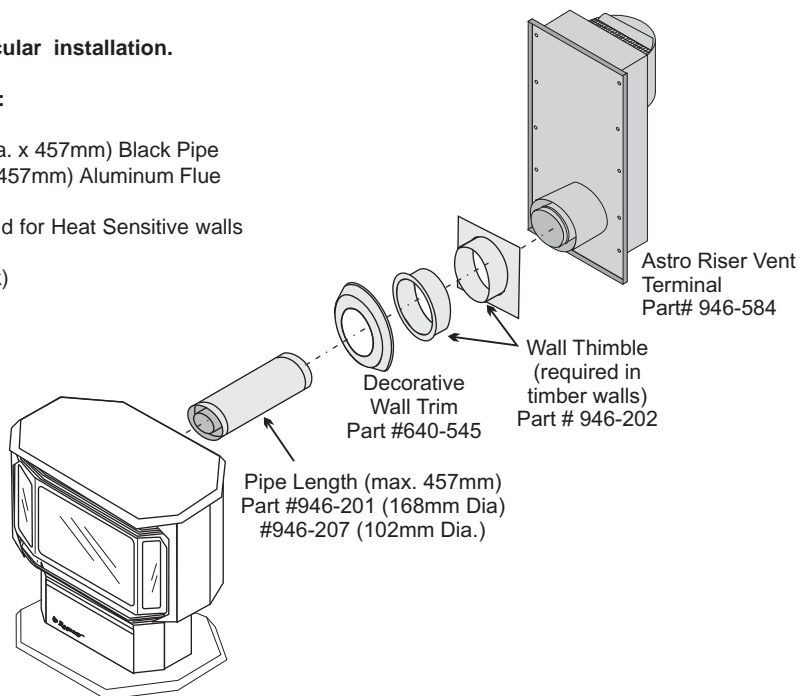
### Minimum components for a Horizontal Installation:

|         |  |  |
|---------|--|--|
| 946-110 | Horizontal Termination Kit which includes: |  |
| 1       | 946-201                                    | 6-5/8" dia. x 18" (168mm dia. x 457mm) Black Pipe                            |
| 1       | 946-207                                    | 4" dia. x 18" (102mm dia. x 457mm) Aluminum Flue                             |
| 1       | 946-584                                    | Astro Riser Vent Terminal  |
| 1       | 946-202                                    | Wall Penetration Heat Shield for Heat Sensitive walls (Wall Thimble) (2 pcs) |
| 1       | 640-545                                    | Decorative Wall Trim (Black)   |
| 1       | 948-128                                    | Tube Mill-Pac Screws   |

### Optional Components:

|           |  |
|-----------|--|
| 946-204   | 45° Elbow - 6-5/8" (168mm) Black pipe and 4" (102mm) Aluminum Flue |
| 946-205   | Vinyl Siding Shield for Riser Vent Terminal                        |
| 946-208/P | Flue Guard   |
| 940       | Square Wall Thimble Cover*   |
| 942       | Wall Penetration Heat Shield*                                      |

\* Simpson Dura-Vent components



## HORIZONTAL INSTALLATIONS

1) Set the unit in its desired location. Check to determine if wall studs are in the way when the fluing system is attached. If this is the case, you may want to adjust the location of the unit.

2) Assemble the desired combination of pipe and elbow to the appliance adapter with pipe seams oriented down. Offset the pipe seams as double seams in one place will cause the outer pipe to take an oval shape. Kit comes complete with 18" (457mm) of straight flue - 6-5/8" (168mm) dia. black outer pipe and 4" (102mm) dia. inner flue.

3) With the pipe attached to the stove, slide the stove into its correct location, and mark the wall for a 9-1/2" (241mm) (inside dimensions) round hole. The center of the round hole should line up with the centerline of the horizontal pipe, as shown in diagram 1. Cut and frame the 9-1/2" (241mm) round hole in the exterior wall where the flue will be terminated. If the wall being penetrated is constructed of non-combustible material, i.e. masonry block or concrete, a 7" (178mm) diameter hole is acceptable.

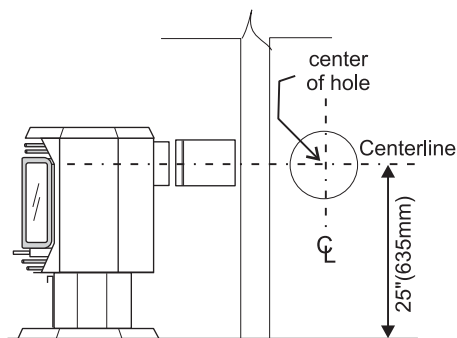


Diagram 1

### Note:

- The horizontal run of flue should have a 1/4 inch (6mm) rise for every 1 foot (305mm) of run towards the termination. Never allow the flue to run downward. This could cause high temperatures and may present the possibility of a fire.
- The location of the horizontal flue termination on an exterior wall must meet all local and national building codes, and must not be blocked or obstructed. For External Flue Terminal Locations, see diagram on page 7.

### c) Snorkel Terminations:

For installations requiring a vertical rise on the exterior of the building, Astro Riser Vent Terminations as shown in Dia. 2 is available. Follow the same installation procedures as used for standard Horizontal Termination.

NEVER install the Astro Riser vent upside down.

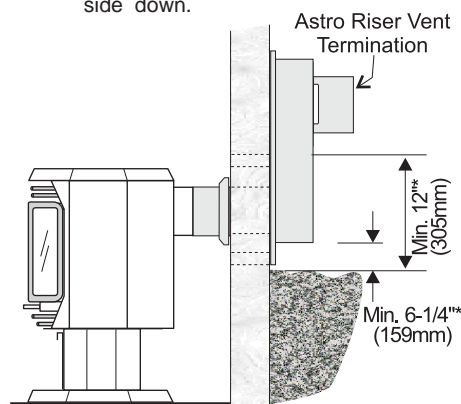


Diagram 2

\*Dia 2: Local codes or regulations may require different clearances.

# INSTALLATION

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

## Below Grade Snorkel Installation

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

- 4) Install wall penetration heat shield in the center of the 9-1/2" (241mm) round hole and attach with wood screws. The four wood screws provided should be replaced with appropriate fasteners for stucco, brick, concrete, or other types of sidings. Dia. 3.

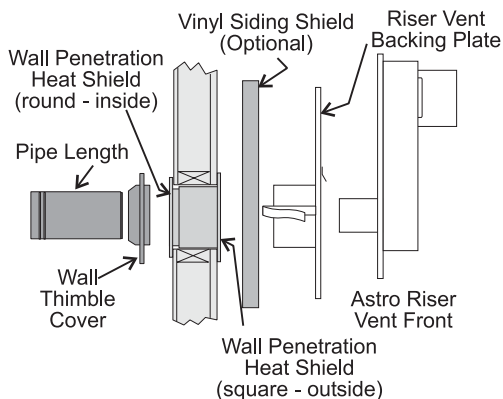


Diagram 3

- 5) If installing termination on a siding covered wall, a vinyl siding standoff or furring strips must be used to ensure that the termination is not recessed into the siding. Dia. 3.
- 6) Take the Riser Vent terminal and separate the Backing Plate from the Riser Vent Front by removing 8 screws as shown in diagram 4.

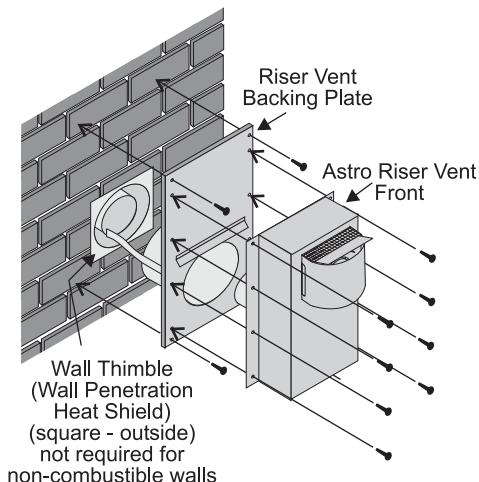
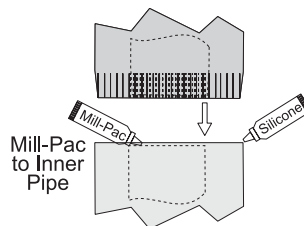


Diagram 4

- 7) Install the Backing Plate into the wall penetration heat shield and attach using 4 screws. Dia. 4.
- 8) Connect all pipe sections to unit and install into wall:
  - a) Measure pipe length required and cut to length. Hint: use the cut end of the 6-5/8" (168mm) dia. outer pipe at the flue terminal end.
  - b) Push the pipe sections completely together, the minimum pipe overlap is 1-1/4" (32mm). Secure all outer pipe joints by using at least two screws. Locate the screws at the bottom of the pipe so that the screw heads are hidden on the final installation. Apply sealant "Mill-Pac" to inner pipe and high temp silicone sealant or "Mill-Pac" to outer pipe on every joint.

**Hint: Apply sealant to female end.**



- c) Before connecting the flue pipe to the flue termination, slide the black decorative wall thimble cover over the flue pipe, then slide the Wall Penetration Heat Shield (Part #946-202) over the flue pipe. Dia. 3.
- d) Slide the appliance and flue assembly towards the wall carefully inserting the flue pipe into the riser vent terminal assembly. It is important that the flue pipe extends into the Riser Vent Backing Plate a sufficient distance so as to result in a minimum pipe overlap of 1-1/4 inches (32mm). Secure the connection between the flue pipe and the flue cap by attaching the two sheet metal strips extending from the Riser Vent Backing Plate into the outer wall of the flue pipe. Use two aluminum screws provided to connect the strips to the pipe section. Bend any remaining portion of the sheet metal strip back towards the flue cap and cut off any excess, it will be concealed by the decorative wall thimble cover. See diagram 5.

- 8) Slide the decorative wall thimble up to the wall surface being careful not to scratch the paint. See diagram 5.

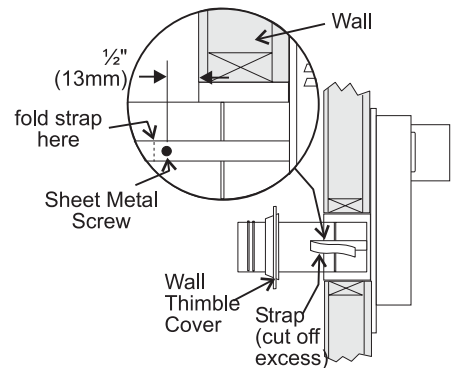
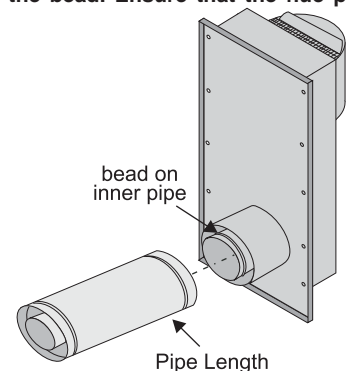


Diagram 5

- 9) Back outside: Apply sealant to the 4" (102mm) inner flue and slide the Riser Vent Front into the Backing Plate and fasten with 8 screws.

## IMPORTANT:

**When connecting the pipe to the Riser Vent, apply Mill-Pac to the inner pipe on the Riser Vent Terminal, around the bead. Ensure that the flue pipe is**



**pushed past the bead for a secure fit.**

- 10) Seal around the outer edge of the Riser Vent Backing Plate.

# INSTALLATION

## VERTICAL TERMINATION WITH CO-LINEAR FLEX SYSTEM

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

This appliance is designed to be attached to two 3" (76mm) co-linear aluminium flex running the full length of the chimney. See the Fluing Arrangements chart on page 9 for minimum and maximum flue lengths. See chart below for minimum distances from roof. Periodically check that the flue is unrestricted.

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

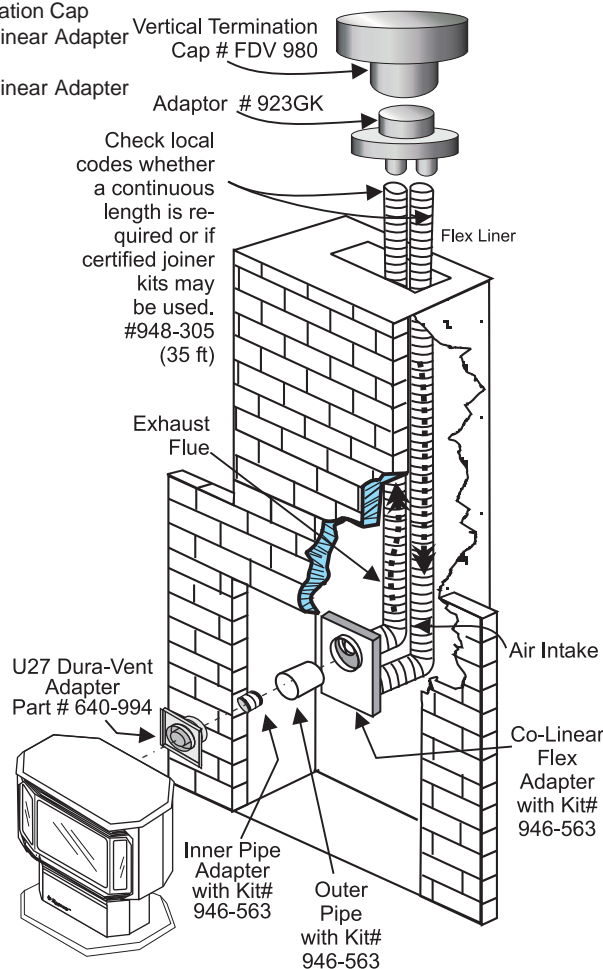
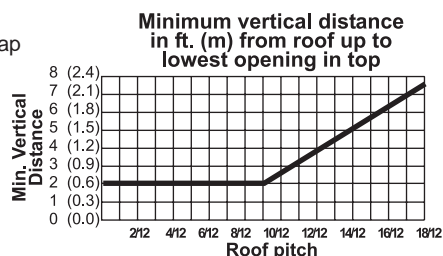
The Air Intake pipe must be attached to the inlet air collar of the termination cap.

### Required Parts:

| Part #  | Description   |
|---------|---|
| 946-529 | Co-linear DV Vertical Termination Cap   |
| 948-305 | 3" Flex - 35 ft.  |
| 640-994 | FG37 Dura-Vent Adapter  |
| 946-563 | Co-Axial to Co-Linear Adapter Kit which contains the following:<br>Co-linear Flex Adapter (270-585)<br>Outer Pipe (946-257)<br>Inner Pipe Adapter (946-219) |

### Approved Caps

|       |   |
|-------|---|
| 980   | Vertical Termination Cap                  |
| 923GK | 3" (76mm) Co-linear Adapter with flashing |
| 923GK | 3" (76mm) Co-linear Adapter with flashing |



## GAS CONNECTION

The gas connection is a 1/2" (13mm) NPT Male Thread. Copper can be used or other connections approved by AG 604.

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

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

**Note: Prior to any pressure testing of the gas supply piping system that exceeds test pressures of 3.45 kPa, this appliance must be disconnected from the piping system. If test pressures equal to or less than 3.45 kPa are used then this appliance must be isolated from the piping system by closing its individual manual shut-off valve during the testing.**

| System Data - FG37                 |               |
|------------------------------------|---------------|
| <b>Burner Inlet Orifice Sizes:</b> |               |
| NG                                 | #37           |
| LPG                                | #52           |
| <b>Max. Input Rating</b>           | 31.7 mj       |
| <b>Min. Input Rating</b>           | 16 mj         |
| <b>Supply Pressure</b>             |               |
| NG                                 | min. 1.13 kPa |
| LPG                                | min. 2.75 kPa |
| <b>Manifold Pressure</b>           |               |
| NG                                 | .89 kPa       |
| LPG                                | 2.55 kPa      |

## Conversion Kit for NG to LPG Model #516-969

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

Conversion Kit 516-969 Contains:

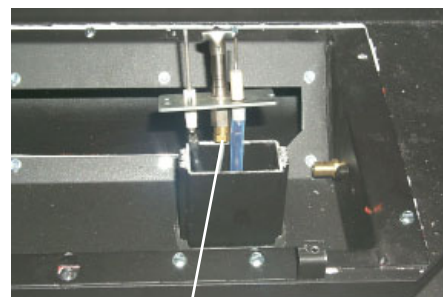
| Qty. | Part #  | Description              |
|------|---------|--------------------------|
| 1    | 904-390 | Burner Orifice #52       |
| 1    | 908-528 | Red "LPG" label          |
| 2    | 908-255 | Label "Converted to LPG" |
| 1    | 918-334 | Instruction Sheet        |
| 1    | 910-920 | Pilot Orifice            |

- 1) Shut off the gas supply and unplug the power cord.
- 2) Open the front door and carefully remove the logs and lava rock.
- 3) Remove burner.
- 4) Remove burner orifice with a 1/2" (13mm) wrench and discard. Use a wrench to hold on to the elbow behind the orifice.
- 5) Reinstall new burner orifice LPG stamped #52 and tighten.



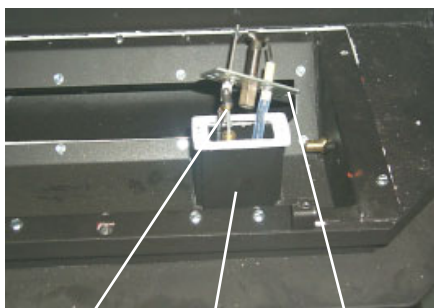
Burner Orifice

- 6) Remove the 2 screws which hold the pilot.



Pilot Tube

- 7) Lift the pilot assembly and remove the pilot tube using an 11mm wrench.



Pilot Orifice Pilot Extrusion Tube Pilot Assembly

- 8) Remove the NG orifice and replace it with the LPG orifice.
- 9) Install the pilot tube to the pilot assembly.
- 10) Place the pilot assembly over the pilot extrusion tube and secure it with 2 screws.
- 11) Adjust the burner aeration setting to fully open and install the burner.
- 12) Remove the pedestal back cover by removing the 4 Philips screws.



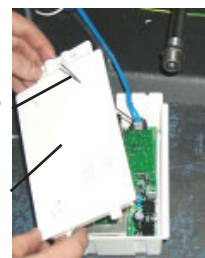
- 13) Stick the conversion label "This unit has been converted to LPG" over top of the serial number decal.
- 14) Replace the yellow "NG" label with the red "LPG" label.
- 15) Carefully pull out the control box.

**Note:** The control box is held in place by velcro.

- 16) Remove the control box cover by undoing the 3 screws. Maneuver through antenna.

Antenna

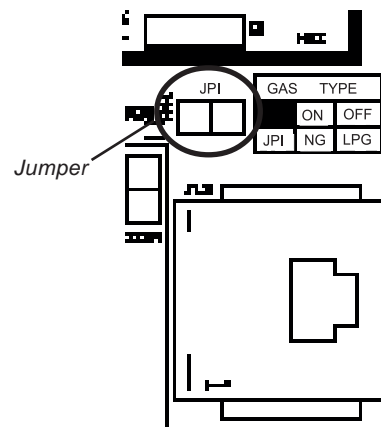
Control Box Cover



- 17) Remove the jumper using a plier.



Jumper Location



- 18) Stick the conversion label "This unit has been converted to LPG" on the control box cover.

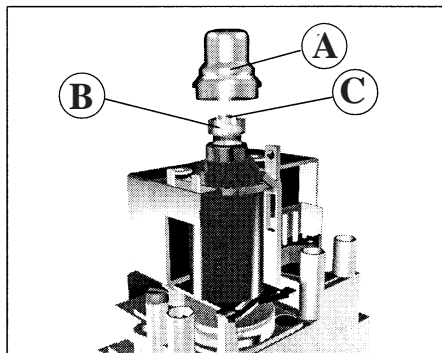
- 19) Reverse steps 16, 15 & 12.

- 20) Open the bottom door and remove the front panel by undoing the 6 screws.





# INSTALLATION



21) Turn on the gas supply and plug in the power cord.

**22) 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 2.65 kPa.

**Minimum pressure:** Remove one of the cables connected to the electric modulator. Keeping the nut (B) blocked, screw in the screw (C) to increase the pressure and screw it out to decrease it. Use a screw-driver 6 x 1 blade.

**NOTE:** The outlet pressure must be set to minimum 0.74 kPa.

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

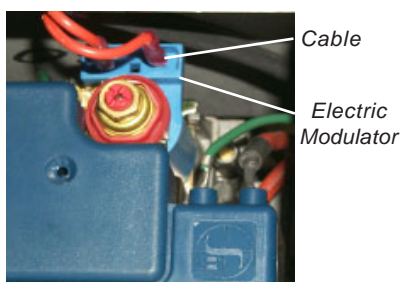
24) Reverse step 20.

25) Check operation of fan and flame control.

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

**Installer Notice:**

**These instructions must be left with the appliance.**



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.

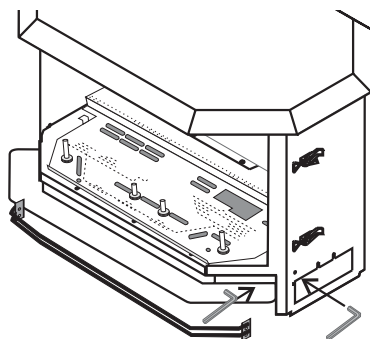


## AERATION ADJUSTMENT

The burner aeration is factory set but may need adjusting due to either the local gas supply, air supply or altitude.

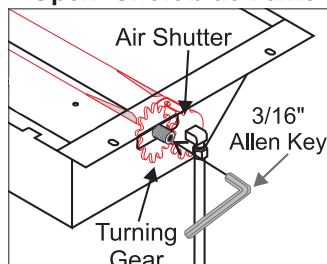
**NG:** 10mm open  
**LPG:** 10mm open

The aeration adjustment gears are located on the right side of the burner box and can be accessed from the side or from the front when the louvers are removed.



To adjust the aeration: use the allen key to turn the turning gear which will adjust the air shutter. Open the air shutter for a blue flame or close it for a yellower flame. This adjustment is performed by an authorized installer. The factory setting should be sufficient for most installations.

**Closed - Tall yellow flame**  
**Open - Short blue flame**



Clockwise to open,  
counter-clockwise to close.

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

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

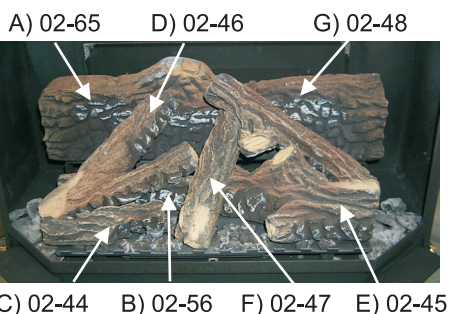
## LOG SET INSTALLATION

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

The gas log kit contains the following:

- a) 02-65 Rear Log
- b) 02-56 Middle Left Log
- c) 02-44 Front Left Log
- d) 02-46 Left Top Log
- e) 02-45 Front Right Log
- f) 02-47 Center Log
- g) 02-48 Middle Right Log
- h) Embers
- i) Lava

**Note:** Install Optional Brick Panels prior to installing logs.



The "02" refer numbers (i.e. 02-65) are molded into the rear of each log.

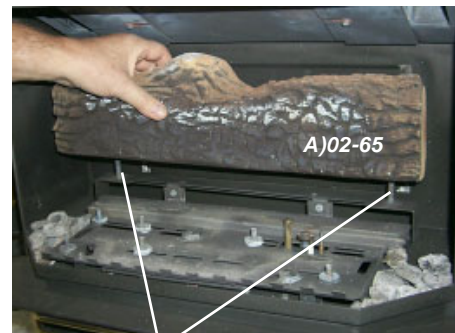
- 1) Carefully remove the logs from the box and unwrap them. The logs are fragile, handle with care - **do not force into position.**
- 2) Sprinkle the embers on the left and right sides of the firebox base.



Embers

Embers

- 3) Place Rear Log A)02-65 on the two pins on the rear log support.

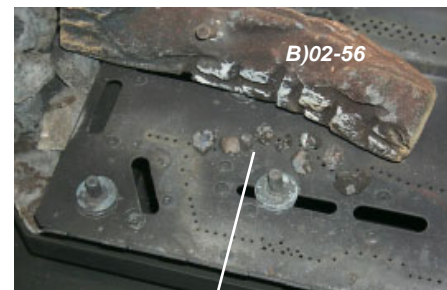


Pins on Rear Log Support

- 4) Place the Middle Left Log B)02-56 on the two pins as shown.



- 5) Sprinkle some lava rock just in front of B) 02-56 on the burner holes.



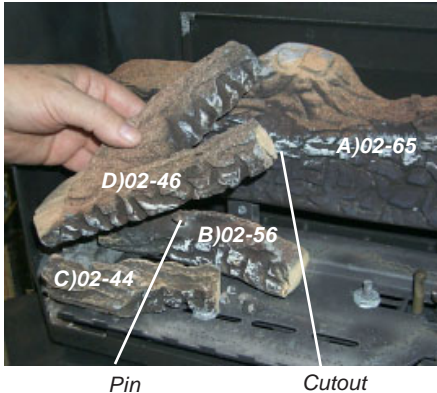
lava rock

- 6) Place Front Left Log C)02-44 onto the 2 front pins as shown.



# INSTALLATION

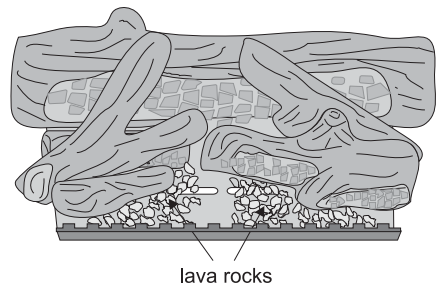
- 7) Place the Left Top Log D)02-46 on the pin on Log B)02-56 and on top of the cutout on Log A)02-65.



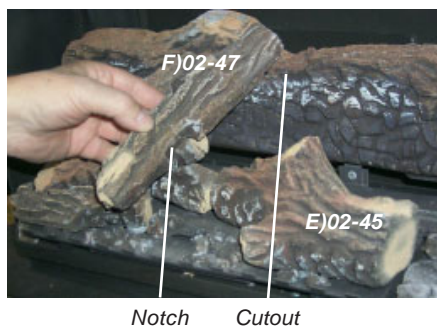
- 8) Place Front Right Log E)02-45 on the two pins as shown.



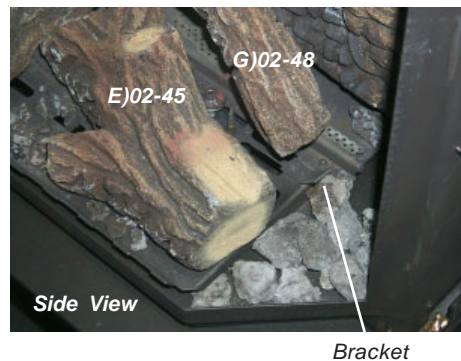
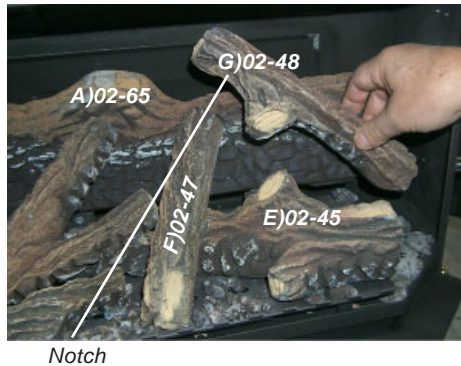
- 9) Place the lava rock in the area between the left and right logs, leaving a space in the middle for log (F) 02-47.



- 10) Place the notch in Center Log F)02-47 over Log E)02-45 and across the cutout on Log A)02-65.



- 11) Position notch in Front Right Log G)02-48 on Log F)02-47 and push the bottom right edge against the bracket on the burner tray.



*The bottom right edge of Log G)02-48 must sit snugly against the bracket*

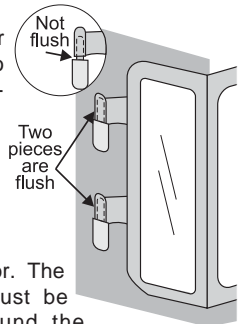
- 12) Test fire to ensure proper light off (make sure flame flows smoothly from one end of burner to the other. If there is any flame hesitation, check that area for any blockage of the burner port.



## DOOR INSTALLATION (Packaged Separately)

- 1) Open the two side panels.

- 2) Slide the door onto the two hinge pins making sure the two pieces are flush together. See diagram 1.



- 3) Close the door. The latch plate must be centered around the alignment pin. See diagram 2. If the latch plate interferes with the corner of the stove you may want to angle the plate slightly so the door closes easier.

Diagram 1

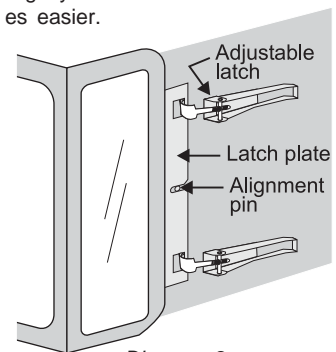


Diagram 2

- 4) The latches should already be at the proper setting. If they are too hard or too easy to close, you may want to adjust them by loosening the locking nut and turning the latch catch. See diagram 3.

- 5) Remove the blue plastic protective coating from the glass.

- 6) Test the seal around the door by placing a piece of paper between the unit and the door, close the door and try to pull the paper out. If it slips out easily, then the door is not properly sealed. Tighten or loosen the latch by turning the latch catch inward or outward. See diagram 3.

**Note:** The door latch may require adjustment as the door gasket material compresses after a few fires and after glass replacement. Turn the latch catch inward or outward.

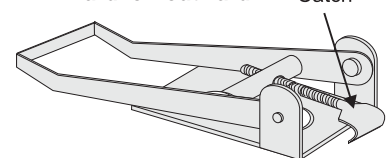


Diagram 3

## GAS PIPE PRESSURE TESTING

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

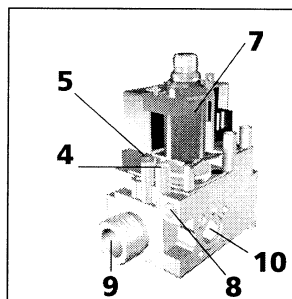
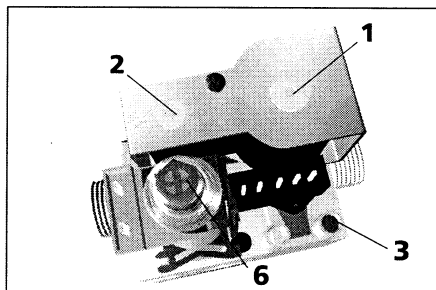
The manifold pressure is controlled by a regulator built into the gas control, and should be checked at the pressure test point.

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

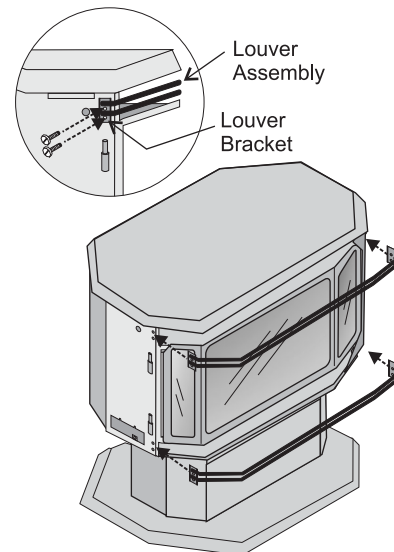
## S.I.T. Valve Description

- 1) 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
- 10) Side Outlet



## LOUVRE INSTALLATION

Attach the top & bottom louvres to the side stove panel using 2 screws per side.





# INSTALLATION

## OPTIONAL REMOTE CONTROL

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

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

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

The remote can also be used as a wall thermostat.



## FINAL CHECK

Before leaving this unit with the customer, the installer must ensure that the appliance is firing correctly. This includes:

- 1) Clocking the appliance to ensure the correct firing rate (rate noted on label) at 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 min. to stabilize.

### CAUTION

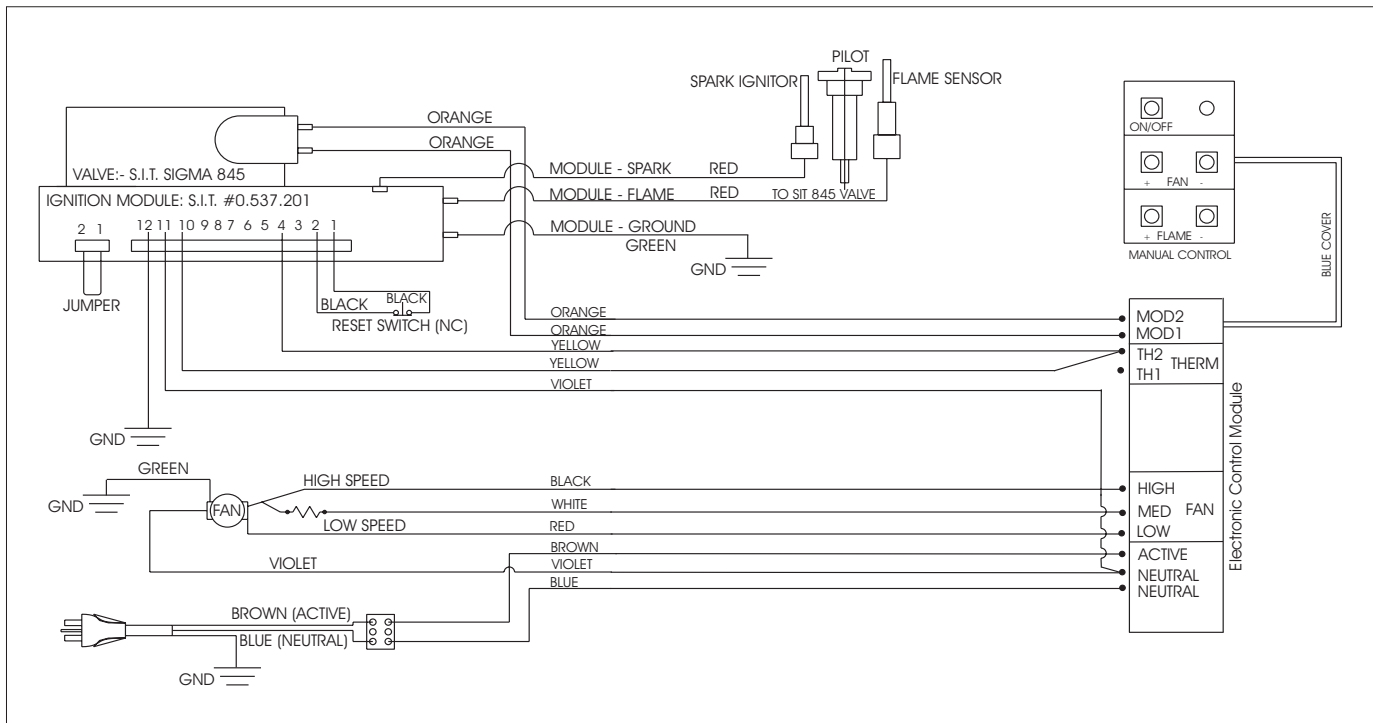
Any alteration to the product that causes sooting or carboning that results in damage to the exterior facia is not the responsibility of the manufacturer.

## WIRING

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

**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.



### WARNING: Electrical Grounding Instructions

This appliance is equipped with a three pronged (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.

# OPERATING INSTRUCTIONS

## 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 three pieces of door glass are properly positioned. Never operate the appliance with any of the glass removed or with the door open.
- 5) Verify that all flueing and the cap is unobstructed.
- 6) Verify log placement.

## LIGHTING INSTRUCTIONS

- 1) Plug the power cord into a power outlet.
- 2) Press and release the ON/OFF button once to start the unit.
- 3) After approximately 3 seconds the spark ignition system will spark for 40 seconds to light the main burner.
- 4) If the main burner does not light, reset the unit.

## RESETTING THE UNIT

- 1) Open the pedestal door on the unit.
- 2) Press the reset button for approximately 3 seconds and release. The reset button is located on the unit's control panel.
- 3) Wait for approximately 3 seconds and the pilot sparks can be heard and seen. It would take 2 to 3 seconds for the flame to be lit.

## SHUTDOWN INSTRUCTIONS

- 1) Press the ON/OFF button 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 with the fan on.

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.

**DONOT ATTEMPT TO CLEAN THE GLASS WHILE IT IS STILL HOT!**

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

## FAN OPERATION

Set the fan speed on the control panel located in behind the pedestal door to adjust fan to the desired speed.



Control Panel

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

OFF -> LOW -> MEDIUM -> HIGH -> OFF, etc.

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



## ADJUSTING FLAME HEIGHT

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

The FLAME setting button is located on the control panel in behind the pedestal door.

# OPERATING INSTRUCTIONS

## 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.

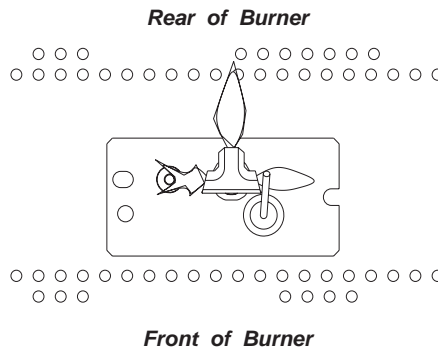
**Decrease** - If the unit is switched on, pressing and releasing the fan minus (-) button once will decrease the fan speed to the next available low setting.

## PILOT ADJUSTMENT

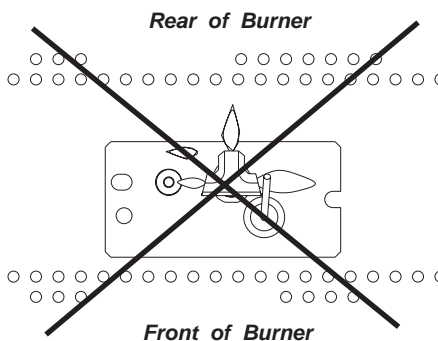
Periodically check the pilot flames. The correct flame pattern has 3 strong blue flames.

One flowing around the thermocouple, the second flowing across the rear of the burner (it does not have to be touching the burner) and the third flame flowing tangent to the spark ignitor.

**NOTE:** If you have an incorrect flame pattern, contact your Masport dealer for further instructions.



*An incorrect flame pattern will have small, probably yellow flames, not coming into proper contact with the rear of the burner or thermopile.*



## 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:

Masport 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.



## COPY OF THE LIGHTING PLATE INSTRUCTIONS

### FOR YOUR SAFETY READ BEFORE LIGHTING

This appliance must be installed in accordance with local codes, if any; if not, follow the current CAN1-B149/ANSI Z 223.1 (Australia: AG601, New Zealand: NZS 5261)

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

A) 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.
- 3) After approximately 3 seconds the spark ignition system will spark for 40 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**

918-332

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

# MAINTENANCE

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## MAINTENANCE INSTRUCTIONS

Any maintenance required accessing the glass door of the unit must be performed by an authorized service person.

- 1) Always unplug the power cord before cleaning. For relighting, refer to lighting instructions. Keep the burner and control compartment clean by brushing and vacuuming at least once a year. When cleaning the logs, use a soft clean brush as the logs are fragile and easily damaged.
- 2) Clean glass (never when unit is hot), appliance, louvres, and door with a damp cloth. Never use an abrasive cleaner. The gold louvres (and optional gold door) may be scratched if abrasives are used to clean them.

The heater is finished in a heat resistant paint and should only be refinished with heat resistant paint (not with wall paint). Masport uses StoveBright Paint - Metallic Black #6309.

- 3) 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 an authorized service person.
- 4) The appliance and flueing system must be inspected before use, and at least annually, by an authorized field service person, to ensure that the flow of combustion and ventilation air is not obstructed.

During the annual service call, the burners should be removed from the burner tray and cleaned. Replace the embers - do not block the pilot or burner ports.

- 5) Keep the area near the appliance clear and free from combustible materials, gasoline and other flammable vapours and liquids.

**WARNING: CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURE AND SHOULD STAY AWAY TO AVOID BURNS OR CLOTHING IGNITION. YOUNG CHILDREN SHOULD BE CAREFULLY SUPERVISED WHEN THEY ARE IN THE SAME ROOM AS THE APPLIANCE.**

**CAUTION: ANY SAFETY SCREEN OR GUARD REMOVED FOR SERVICING AN APPLIANCE MUST BE REPLACED PRIOR TO OPERATING THE APPLIANCE.**

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

**DO NOT USE THIS APPLIANCE IF ANY PART HAS BEEN UNDER WATER. IMMEDIATELY CALL AN AUTHORIZED SERVICE TECHNICIAN TO INSPECT THE APPLIANCE AND TO REPLACE ANY PART OF CONTROL SYSTEM AND ANY GAS CONTROL WHICH HAS BEEN UNDER WATER.**

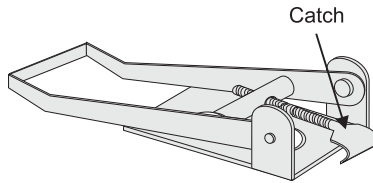
- 6) Verify proper operation after servicing.

## GOLD-PLATED DOORS

The 24 carat gold plated finish on the door requires little maintenance, and need only be cleaned with a damp cloth. DO NOT use abrasive materials or chemical cleaners, as they may harm the finish and will **void the warranty**. Clean any fingerprints off before turning the unit on.

## LATCH ADJUSTMENT

The door latch may require adjustment as the door gasket material compresses after a few fires and after glass replacement. Turn the handle on the adjustable catch to tighten or loosen the latch.



## LOG REPLACEMENT

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

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

## GLASS REPLACEMENT

Your Masport stove is supplied with high temperature, 5 mm Neoceram ceramic glass that will withstand the highest heat that your unit will produce. In the event that you break your glass, purchase your replacement from an authorized Masport dealer only, and follow the step-by-step instructions for replacement.

**Never operate your unit with broken glass.**

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

### MITREDDOOR

#### Removing Glass:

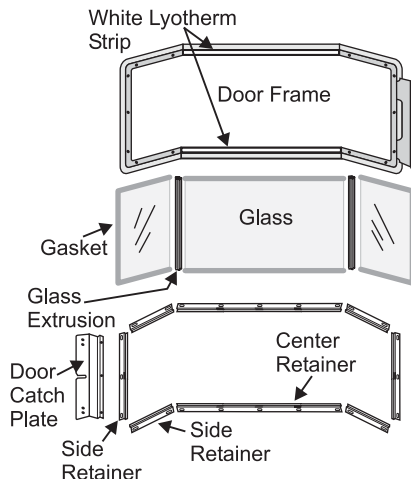
**Note: Wearing gloves will protect your hands while handling glass.**

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

- 2) Pull out the door gasket.
- 3) Remove the 24 nuts holding the glass retainers in place. *Do not remove the nuts underneath the retainers.*
- 4) Remove the door catch plate.
- 5) Remove glass retainers on sides first (3 each side) then remove two center retainers.

**Note: Center glass retainers are glued to center glass.**

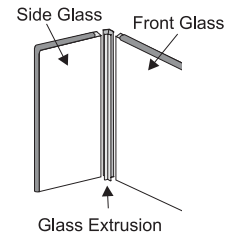
- 6) Remove glass from extrusions. When removing center glass, leave white insulation in place.



#### Installing Glass

- 1) Install both center and side glass onto extrusions as per diagram.
- 2) Place glass assembly into door frame.
- 3) Install retainers by placing 1 drop of glue where previously glued and put in place.
- 4) Install side retainers.
- 5) Install door catch plate.
- 6) Install the 24 nuts loosely, do not tighten yet.
- 7) Tighten side panels nuts using the following procedure:

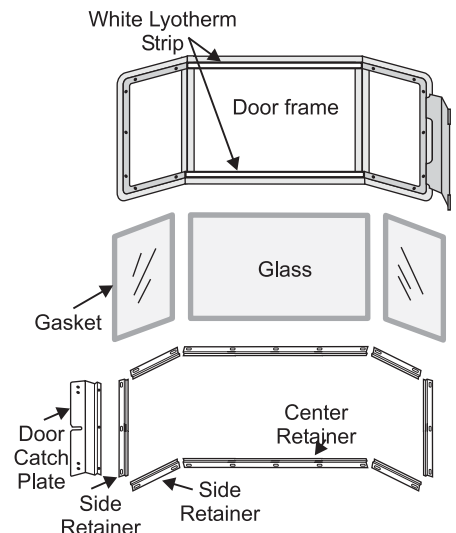
- a. tighten top & bottom outside corner nuts (2)
- b. tighten inside nuts (3)
- c. tighten top & bottom inside corners (2)



- 8) Tighten the 10 nuts on center glass retainer.
- 9) Repeat step 7 for other side panel.
- 10) Replace new gasket by gluing it in place.
- 11) Install door onto stove and check the seal.

### PANEL DOOR

- 1) Remove the door from the unit and place on a soft surface to prevent scratching.
- 2) Pull out the door gasket.
- 3) Remove the nuts holding the glass retainers in place.
- 4) Remove the glass retainers (sides, top and bottom) and the door catch plate.
- 5) Replace the glass. **The glass must have gasketing around it.**
- 6) Reverse the previous steps, replace the retainers and fasten with the nuts but do not overtighten, as this can break the glass. **Note: the door catch plate fits on top of the left side retainer.**
- 7) Put gasket glue on the retainers, but do not put glue on the screws. Replace the door gasket, the two ends butt tight together on the bottom edge of the door.
- 8) Replace door on the stove and check the seal.



# MAINTENANCE

## FAN MAINTENANCE

If your fan requires maintenance or replacement it must be performed by an authorised person. Access to the fan is through the plate on the rear wall of the firebox. **NOTE: the unit MUST NOT be operated without the fan access panel securely in place and correctly sealed.**

**IMPORTANT:** These fans collect a lot of dust from within your home. Ensure you maintain these fan motors on a regular basis by vacuuming out the fan squirrel cages, around the motor, and around the grills on the back of the stove.

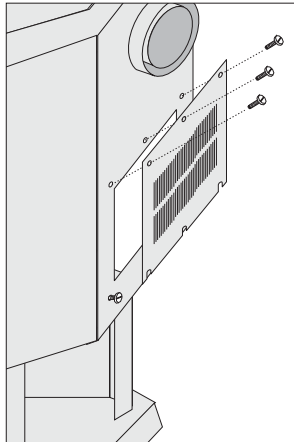
**IMPORTANT**  
Disconnect power supply  
before servicing.

### WARNING:

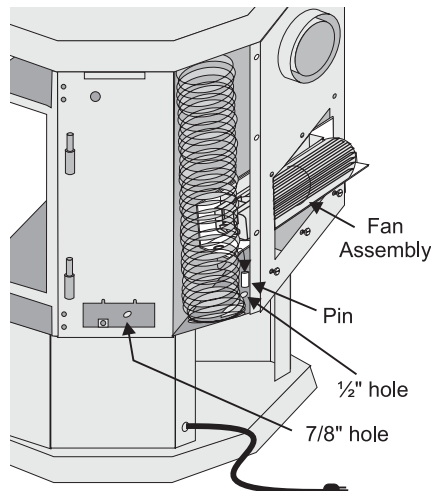
**Electrical Grounding Instructions**  
This appliance is equipped with a three pronged (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.

## TO REMOVE FAN

- 1) Unplug or disconnect power source to stove.
- 2) Remove the rear access panel on the back of the stove. The fan can only be accessed from the back of the stove.



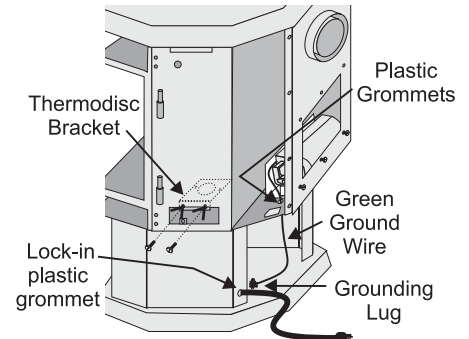
- 3) Unclip the wires from the fan motor.
- 4) Lift fan off of the 2 pins, tip back and pull through the opening. Disconnect the green ground wire from the right side of the fan as soon as you can reach it.



## REPLACING FAN

Reverse the above steps (1 - 4). Make sure the fan wires and the ground wire are reattached.

*Hint for pushing fan down onto pins - rub a bit of dish soap on the grommet so it will slide more easily onto the pin. Check to make sure the fan is seated properly on the pins - try to move the fan back and forth, there should be no noise, if there is check that the grommets haven't come loose.*



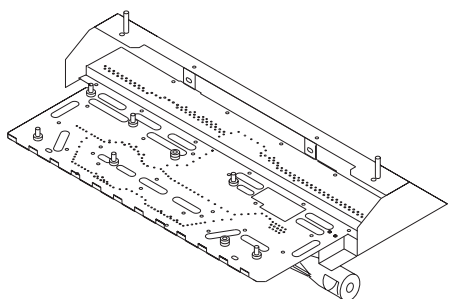
## REMOVING VALVE TRAY

If your valve requires maintenance or replacement, follow these instructions:

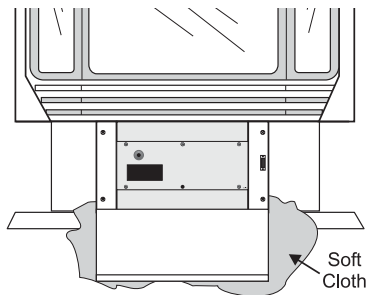
**NOTE: Always shut off the gas and disconnect the power supply before removing the valve.**

1) Open the front door and carefully remove the logs and lava rock.

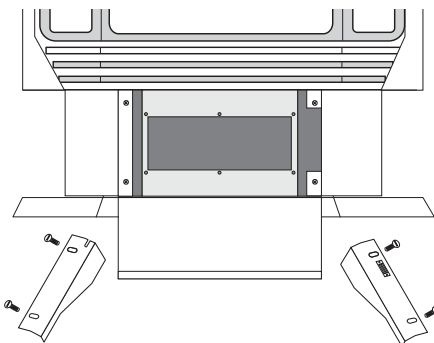
2) Remove the burner by removing the two 1/4" hex head screws. See diagram below.



3) Open the front pedestal door and unhook chain. You may want to put a soft cloth on the base of the unit so that when the pedestal door is open it doesn't scratch the paint. See diagram below.



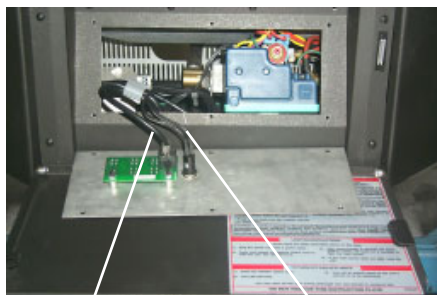
4) Remove the two outside frame pieces by removing two screws per side. See diagram below.



5) Remove the front plate by undoing the 6 screws.



6) Disconnect the manual switch cable and reset cables.



Manual Switch Cable

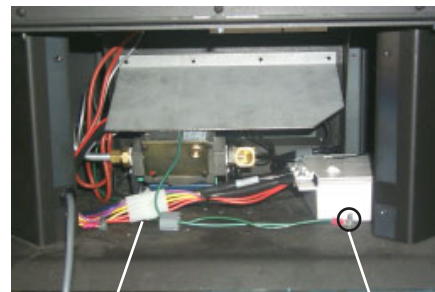
Reset Cables

7) Disconnect the gas pipe line at the valve.

8) Remove the pedestal back cover by removing the 4 Philips screws.

9) Disconnect the 5 pin molex connector.

10) Disconnect the ground wires.



5 Pin Molex Connector

Ground Wire

11) Remove the 20 x 1/4" hex head screws holding the burner tray assembly in place.

12) Carefully lift the burner tray assembly out.

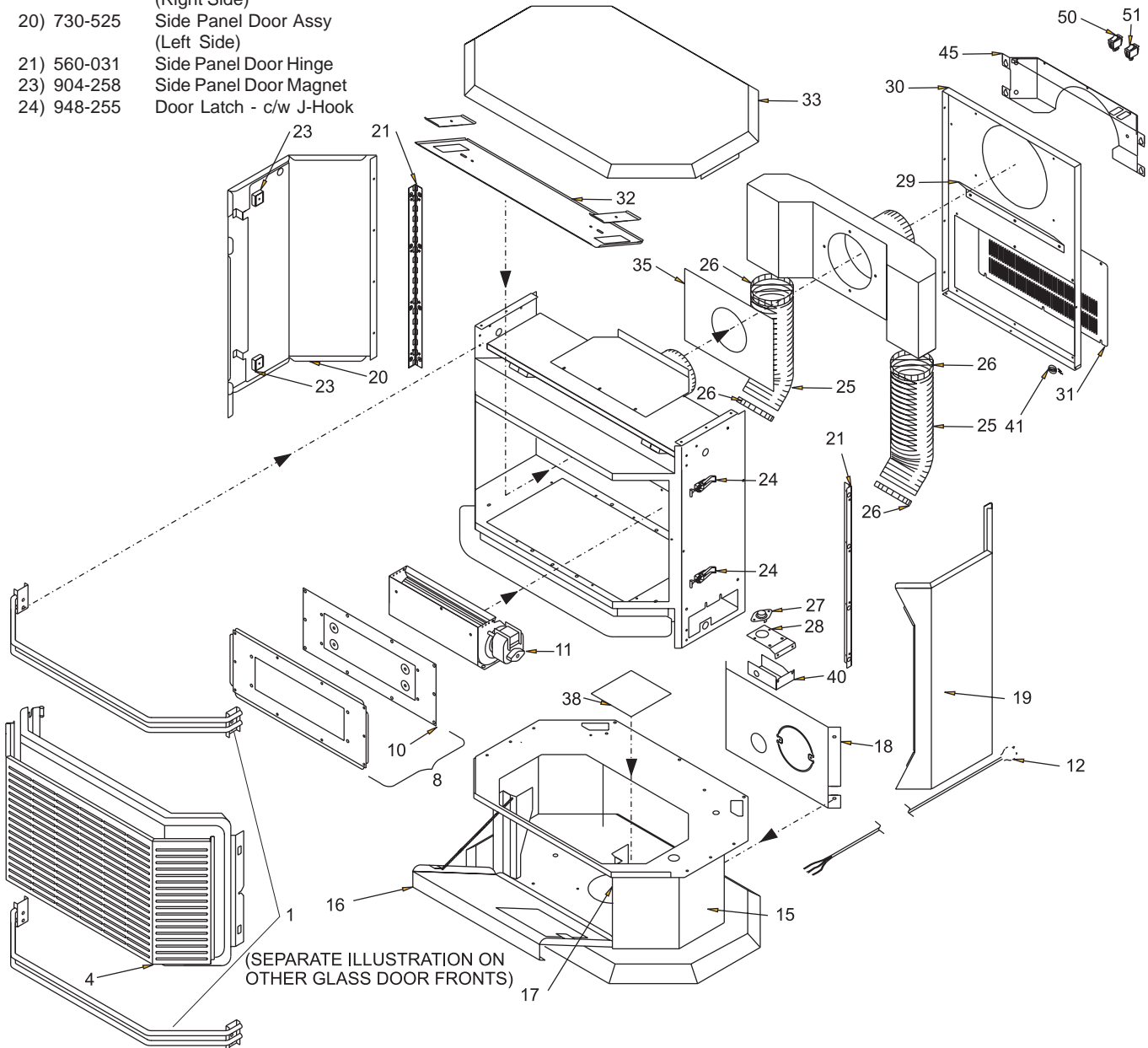
13) To replace the burner tray assembly, reverse these instructions.



# PARTS LIST

## FG37 MAIN ASSEMBLY

| Part #        | Description                       | Part #      | Description                        | Part #                                | Description                  |
|---------------|-----------------------------------|-------------|------------------------------------|---------------------------------------|------------------------------|
| 1) 560-920    | Louvre Assy (Set) - Gold          | 25) *       | Flex Pipe (3" ID)                  | 910-033                               | Heat Resistant Sleeve        |
| 560-922       | Louvre Assy (Set) - Black         | 26) *       | Clamp for Flex Pipe                | 45) 750-031                           | Rear Control Panel           |
| 4) 730-038    | Door Screen (Australia Only)      | 27) 910-233 | Fan Auto On/Off Thermodisc         | 50) 910-140                           | Fan Hi/Off/Low Switch        |
| 8) 730-560    | Relief Door Assembly              | 28) *       | Mounting Brckt-Thermodisc          | 51) 910-246                           | Burner On/Off Switch         |
| 10) 640-034   | Mounting Plate Gasket             | 29) *       | Air Deflector                      | 680-969                               | Conversion Kit - To LPG      |
| 560-519/P     | Fan Assembly (240 V)              | 30) 680-030 | Rear Panel                         | 948-216                               | Logo Plate                   |
| 11) 910-169/P | Fan Motor (240 V)                 | 31) 630-021 | Fan Access Panel                   | 918-089                               | Decal-Top Rear Control Panel |
| 12) 910-714   | Power Cord (240 V)                | 32) 730-565 | Firebox Baffle/Restrictor Assembly | 918-318                               | Manual                       |
|               | Pedestal Assembly                 | 33) 640-520 | False Top Assembly                 | *Not available as a replacement part. |                              |
| 16) 730-039   | Pedestal Door                     | 35) 630-011 | Air Passage Gasket                 |                                       |                              |
| 17) 904-257   | Pedestal Door Magnet              | 38) 820-058 | Pedestal Base Cover                |                                       |                              |
| 18) 560-025   | Pedestal Back                     | 40) 730-042 | Thermodisc Cover                   |                                       |                              |
| 19) 730-530   | Side Panel Door Assy (Right Side) | 41) 904-185 | Cable Tie - High Temperature       |                                       |                              |
| 20) 730-525   | Side Panel Door Assy (Left Side)  | 42) 904-186 | Cable Tie Mounting Button          |                                       |                              |
| 21) 560-031   | Side Panel Door Hinge             |             |                                    |                                       |                              |
| 23) 904-258   | Side Panel Door Magnet            |             |                                    |                                       |                              |
| 24) 948-255   | Door Latch - c/w J-Hook           |             |                                    |                                       |                              |

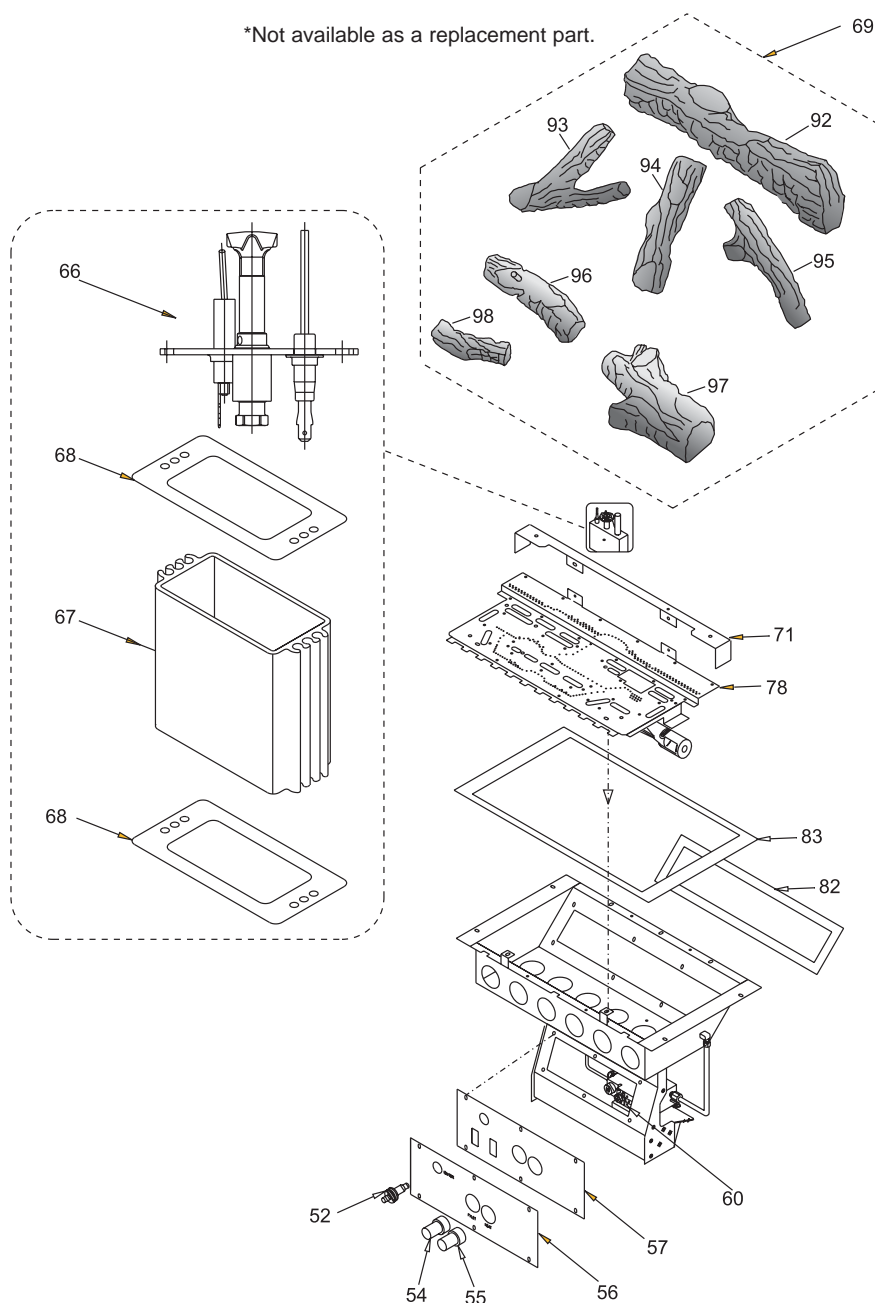




## FG37 BURNER & LOG ASSEMBLY

| Part #      | Description                  | Part #      | Description                        |
|-------------|------------------------------|-------------|------------------------------------|
| 52) 910-190 | Piezo Ignitor & Nut          | 82) 630-009 | Gasket - Burner Tray / Air Passage |
| 54) 910-373 | Knob - Pilot Valve Extension | 83) 630-008 | Gasket - Burner Tray / Firebox     |
| 55) 910-372 | Flame Adjusting Knob         |             |                                    |
| 56) 918-088 | Decal - Control Panel        | 90) 910-386 | Thermocouple                       |
| 57) 591-041 | Switch Plate                 | 91) 910-341 | Thermopile                         |
|             |                              |             |                                    |
| 680-574/P   | Valve Assembly - NG          | 69) 730-935 | Log Set                            |
| 680-576/P   | Valve Assembly - LPG         | 92)         | Rear Log                           |
| 60) 910-378 | Valve - S.I.T. - NG          | 93)         | Left Top Log                       |
| 904-240     | #37 Orifice - NG             | 94)         | Center Log                         |
| 936-170     | Orifice Gasket               | 95)         | Middle Right Log                   |
| 67) *       | Pilot Holder                 | 96)         | Middle Left Log                    |
| 68) W840470 | Pilot Assembly Gasket        | 97)         | Front Right Log                    |
| 71) 730-528 | Log Stand                    | 98)         | Front Left Log                     |
| 904-390     | Pilot Orifice #52 - NG       |             |                                    |
| 75) 730-935 | Log Set                      |             |                                    |
| 78) 730-550 | Burner Assy - NG/LP          |             |                                    |

\*Not available as a replacement part.

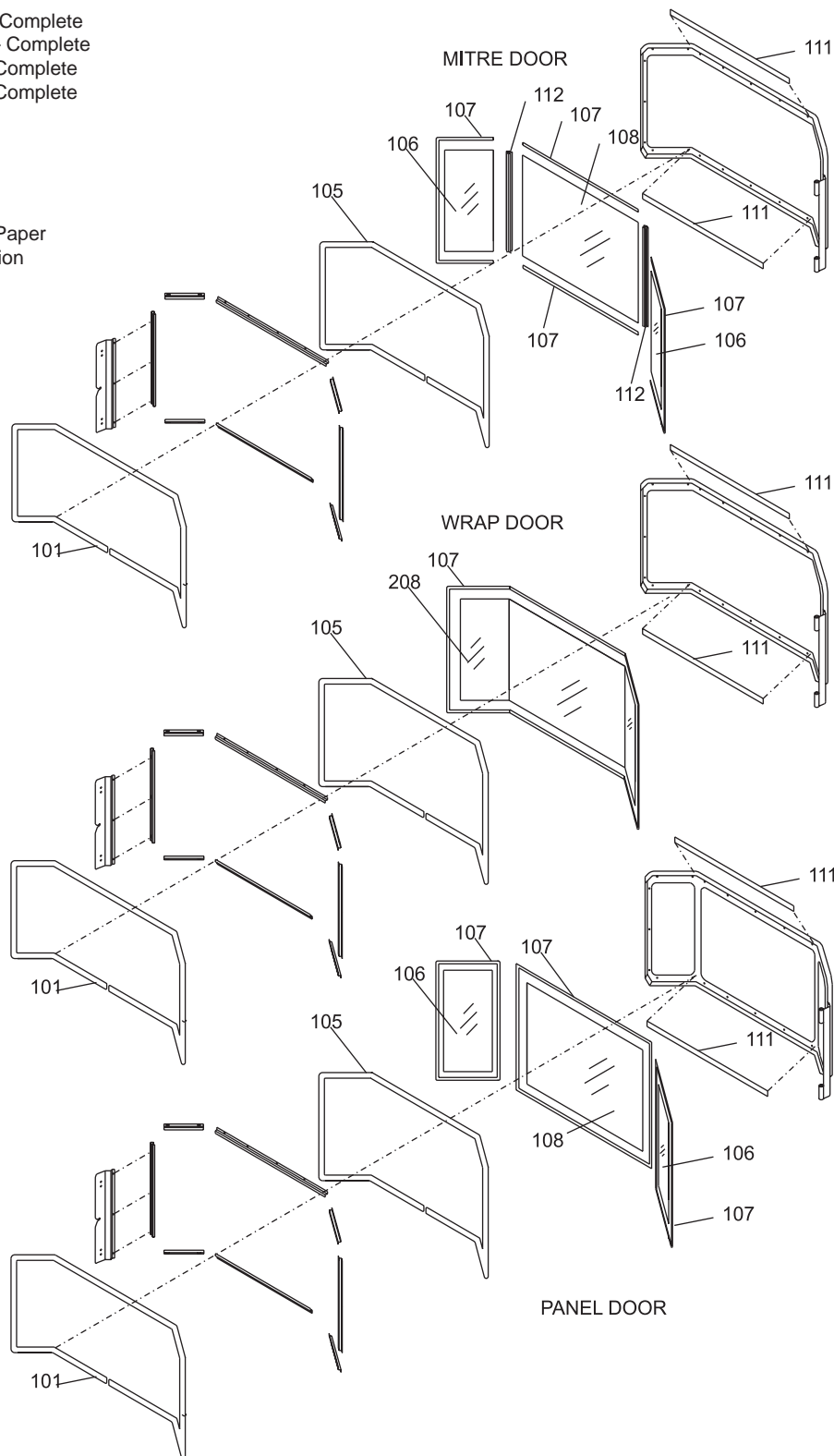


# PARTS LIST

## FG37 DOOR ASSEMBLIES

| Part #         | Description                  |
|----------------|------------------------------|
| 730-924        | Gold Mitred Door - Complete  |
| 730-926        | Black Mitred Door - Complete |
| 730-932        | Gold Wrap Door - Complete    |
| 730-928        | Gold Panel Door - Complete   |
| 101) 650-920   | Door Gasket Kit              |
| 105) *         | Ceramic Paper                |
| 106) 940-323/P | Side Glass                   |
| 107) 936-243   | Glass Gasket                 |
| 108) 940-322/P | Centre Glass                 |
| 111) *         | Door Frame Fibre Paper       |
| 112) 750-015   | Door Glass Extrusion         |
| 208) 940-325/P | Wrap Glass                   |

\*Not available as a replacement part.





# NOTES

This image shows a blank sheet of white paper with horizontal ruling lines. The lines are evenly spaced and run across the width of the page. There are no margins, text, or other markings on the paper.

## THE MASPORT EXPRESS WARRANTY

All new Masport Gas appliances are warranted, subject to the following conditions, to be free from defects in material or workmanship under normal use. The Express Warranty on all parts, including firebox components but excluding fans, flues and flue accessories is two years from date of original purchase as well as labour costs involved in the repair or replacement. The Express Warranty on fans, flues and accessories is for a period of twelve months from date of original purchase and includes labour costs involved in the repair or replacement.

This Express Warranty applies only with respect to defects in material and workmanship under normal and proper use of the NEW UNIT in its unmodified condition. Masport's obligation under this Express Warranty is limited to the repair or replacement, at its option, by an approved Masport Gas Service Agent (Retailer) of any part found to be defective in material or workmanship.

Labour costs involved in the repair or replacement are also covered under this Express Warranty as per the time condition outlined.

If an approved Masport Gas Service Agent is requested to attend on a service call that is not covered under this Express Warranty, a call out charge may be applicable, regardless of whether a repair is carried out or not.

Masport can accept no obligation whatsoever for any incidental, consequential or special damages or expenses resulting from any product defect. This Express Warranty applies from the date of original purchase, applies to the original purchaser, and is not transferable. The decision to repair or replace defective components will be made by Masport or its agent and actioned by an approved Masport Service Agent.

### **This Express Warranty Does Not Cover:**

1. Defects, malfunctions or failures caused by incorrect installation, normal wear and tear, misuse, neglect, accidental damage or failure to follow the fuel selection, product operating and maintenance instructions, or resulting from installations, repairs or modifications to the equipment carried out by unauthorised persons.
2. Defects, malfunctions or failures caused by an act or omission of other persons after the product has left Masport's control.
3. The costs of collection and delivery of the equipment.
4. The cost of labour or materials as a consequence of faulty installation of gas supply line, flue, burner or log settings, or non-compliance with local codes.

**The Express Warranty is not intended to exclude any rights the purchaser may have under the laws of the place, state, or country of purchase. Nothing in this Express Warranty limits or restricts any other statutory right or remedy available to the purchaser.**

### **How You Obtain Warranty Service:**

Provide proof of the date of purchase. Should the need for a warranty claim arise reasonable proof of the purchase date is required therefore you should retain your sales receipt. Where flueless appliances are not permanently installed, they should be returned to a Service Agent for evaluation.

Make the faulty part(s) available for inspection by Masport and/or its agents so that the validity of the claim can be established by them.

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#### **Australia Distributor:**

Masport Pty Limited  
P.O. Box 533  
Braeside Victoria 3195

#### **New Zealand:**

Masport Limited  
P.O. Box 14-349  
Panmure  
Auckland 6

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For your own records, please complete the following:

|                      |                      |
|----------------------|----------------------|
| Model: _____         | Serial Number: _____ |
| Retailer: _____      |                      |
| _____                |                      |
| Purchase Date: _____ |                      |

