

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.

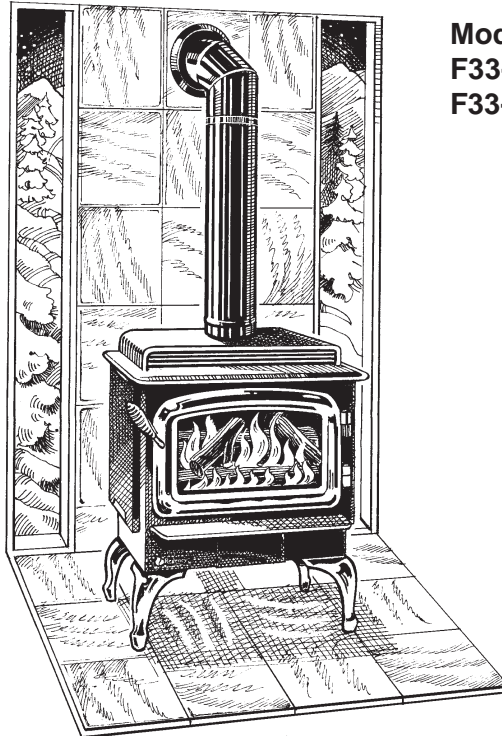
Your unit should be serviced annually by an authorised service person.

Masport[®]

Vienna / Classic

(Australia)

(New Zealand)



Model:
F33-NG1 Natural Gas
F33-LP1 Propane

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 authorized 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 authorized 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.

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To the New Owner:

Congratulations! You are the owner of a state-of-the-art Gas Stove by Masport. 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 F33-NG1 and F33-LP1 have been approved by the Australian Gas Association for both safety and efficiency. As it also bears our own mark, it promises to provide you with economy, comfort and security for many trouble free years to follow. Please take a moment now to acquaint yourself with these instructions and the many features of your F33-1 Freestanding Gas Stove.

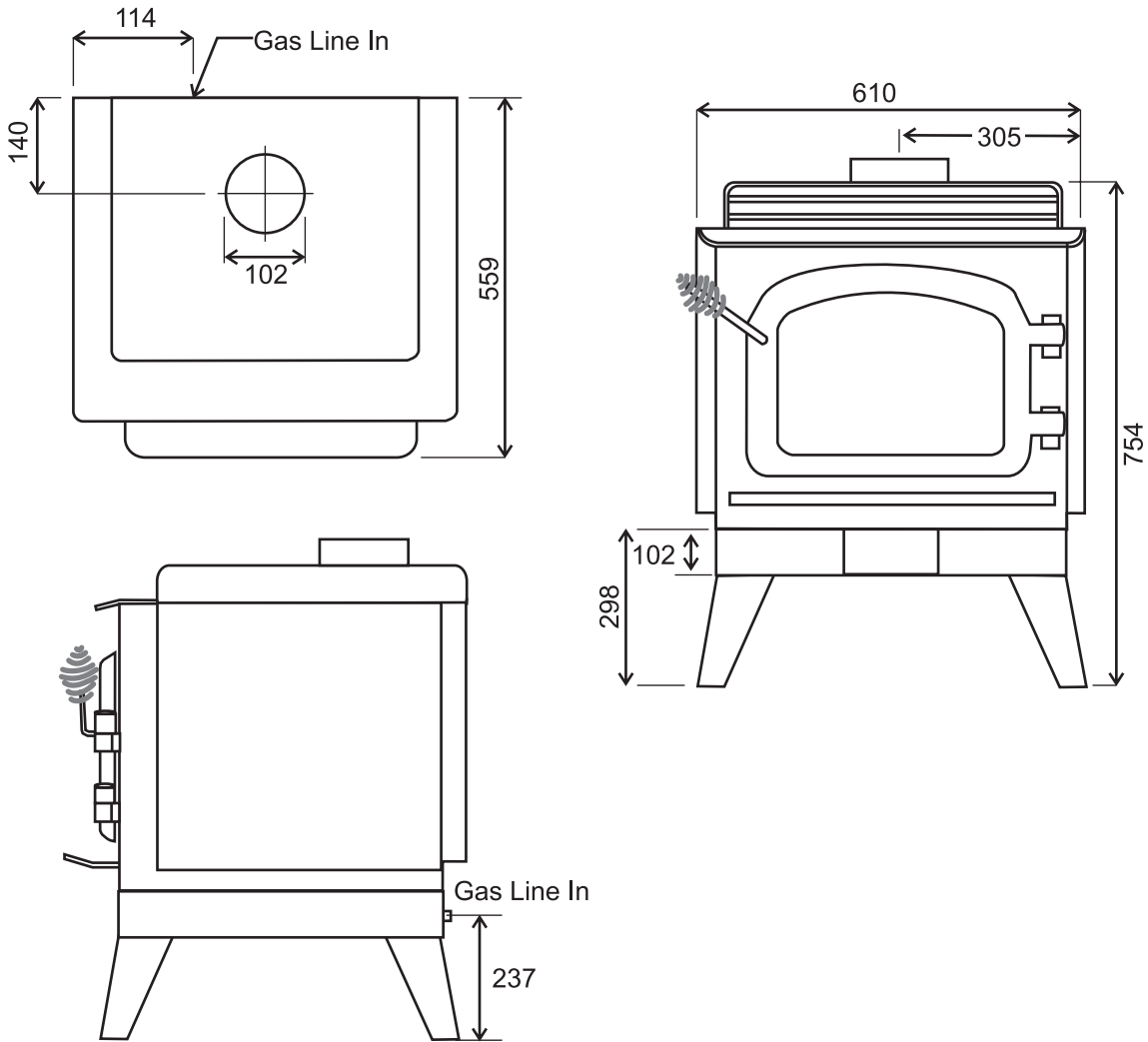


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SAFETY LABEL

This is a copy of the label that accompanies each Masport F33-1 Freestanding Gas Stove. We have printed a copy of the contents here for your review.

DATA BADGE 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"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>							
Gas Type	Nat	Prop	**ULPG	Nat	Prop	**ULPG	Nat	Prop
Model	F38-NG	F38-LP	F38-LP	F33-NG	F33-LP	F33-LP	I43-NG	I43-LP
Gas Consumption	40mj.	38mj.	38mj.	33mj.	33mj.	33mj.	40mj.	39mj.
Manifold Pressure	94kPa	2.55kPa	2.55kPa	.80kPa	2.38kPa	2.38kPa	.85kPa	2.55kPa
Injector Size	1x#32 2.95mm	1x#50 1.78mm	1x#50 1.78mm	1x#36 2.7mm	1x#52 1.6mm	1x#52 1.6mm	1x#31 3.0mm	1x#56 1.15mm
AGA Approval number to Code AG103	6231	6231	6231	5613	5613	5613	5810	5810
<i>** Approved for use on Universal LPG as per gas testing standard NZS 5262.</i>								
Electrical: 240VAC 50Hz 1.0 amp max.								
							Distributed by: Masport Pty. Ltd. PO Box 533 Braeside, Victoria. 3195 <hr/> Masport Ltd. 1-37 Mt. Wellington H/Way Auckland 6 New Zealand <hr/> To be installed by an authorised person in accordance with installation instructions provided with the appliance	
							Serial Number 228	

918-093b 11/02



DO NOT OPERATE THIS APPLIANCE BEFORE READING THE INSTRUCTIONS BOOKLET.

DO NOT PLACE ARTICLES ON OR AGAINST THIS APPLIANCE

DO NOT STORE CHEMICALS OR FLAMMABLE MATERIALS, OR SPRAY AEROSOLS NEAR THIS APPLIANCE.

DO NOT OPERATE WITH PANELS, COVERS OR GUARDS REMOVED FROM THIS APPLIANCE.

DO NOT 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)

BEFORE YOU START

INSTALLATION AND REPAIR SHOULD BE DONE BY AN AUTHORISED SERVICE PERSON. THE APPLIANCE SHOULD BE INSPECTED BEFORE USE AND AT LEAST ANNUALLY BY AN AUTHORISED 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 MAY CAUSE A SERIOUS HOUSE FIRE AND WILL VOID YOUR WARRANTY.

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

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

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

GENERAL SAFETY INFORMATION

- 1) The appliance installation must conform with local codes or, in the absence of local codes, with AG 601 or NZS 5261
- 2) The appliance when installed, must be electrically grounded in accordance with local codes, or in the absence of local codes with the current National Electrical Code, AS 3100
- 3) See general construction and assembly instructions.
- 4) This appliance must be connected to a flue and terminate to the outside of the building envelope. Never flue to another room or inside a building.
- 5) Inspect the flue system annually for blockage and any signs of deterioration.
- 6) Any safety glass removed for servicing must be replaced prior to operating the appliance.
- 7) To prevent injury, do not allow anyone who is unfamiliar with the operation to use the fireplace.
- 8) Wear gloves and safety glasses for protection while doing required maintenance.
- 9) Under no circumstances should this appliance be modified. Parts that have to be removed for servicing should be replaced prior to operating this appliance.
- 10) 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.
- 11) Do not strike the glass door.
- 12) Under no circumstances should any solid fuels (wood, paper, cardboard, coal, etc.) be used in this appliance.
- 13) The appliance area must be kept clear and free of combustible materials, (gases and other flammable vapours and liquids).

IMPORTANT: SAVE THESE INSTRUCTIONS

The F33-1 Freestanding Gas Stove 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.

INSTALLATION CHECKLIST

- 1) Locate appliance, see Clearances to Combustibles, page 6.
- 2) Assemble stove base with legs, page 6.
- 3) Install flueing, page 7.
- 4) Make gas and electrical connections, page 7. Test the pilot. Must be as per diagram, pages 16.
- 5) Test gas pressure, page 7.
- 6) Test for flue spillage, page 8.
- 7) Install logs and embers and rockwool where indicated on page 9.
- 8) Install optional Wall Switch, Remote Control, or Wall Thermostat, page 10.
- 9) Final check, page 11.

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

INSTALLATION

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.
- 3) Check for proper draft.

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

CLEARANCES TO COMBUSTIBLES

The clearances listed below 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 back wall is too close, move the stove until the correct clearance to the connector is obtained.

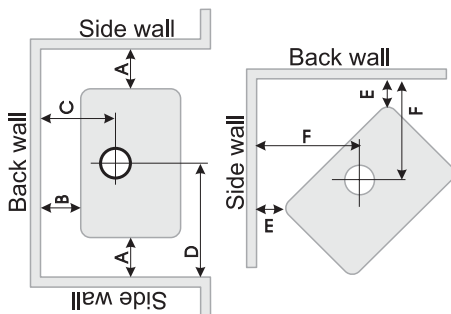
This appliance may be installed only with the clearances as shown in the situations pictured. Do not combine clearances from one type of installation with another in order to achieve closer clearances. Use the minimum clearances shown in the diagrams.

F33-1 Clearance to Combustibles

A	Side Wall to Unit	250 mm
B	Back Wall to Unit	150 mm
E	Side Wall to Unit	38 mm

F33-1 Reference Dimensions

C	Back Wall to Flue Centerline	292 mm
D	Side Wall to Flue Centerline	559 mm
F	Side Wall to Flue Centerline	330 mm

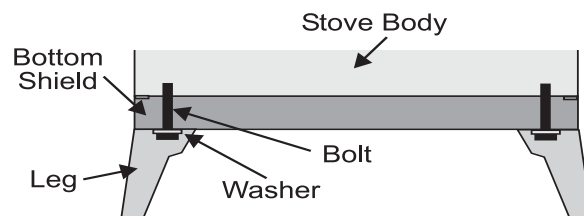
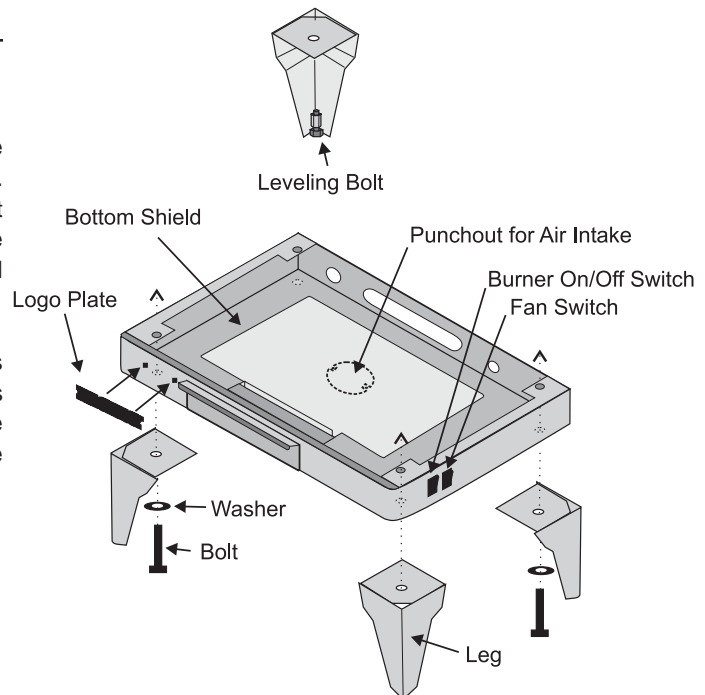


Minimum ceiling height is 914 mm from top of unit.

LEG ASSEMBLY

It will be easier to attach the legs to the stove if it is tipped on its back (preferably on a soft surface to prevent scratching).

- 1) Loosen the bolts and washers in the four corners of the bottom the unit (do one leg at a time or the entire bottom shield will come off). The cast legs can be slipped in under the washer and then re-tighten the bolts.
- 2) Level the stove by adjusting the levelling bolts in the bottom of each leg.



DRAFT HOOD

The heater has a draft hood built into its back. It must not be altered or obstructed, and the unit must be installed so that the draft hood is in the same atmospheric pressure zone as the combustion air inlet to the burner.

FLUING

This heater is a vented appliance and must be connected to a chimney/flue in accordance with installation codes.

For your safety this heater is equipped with a flue safety switch. This thermally actuated switch is located within the draft hood and will detect either a blocked chimney or backdraft condition where the chimney flow has reversed and will react by shutting off the gas supply.

Note: The spill switch is manually resettable and comes from the factory in the open position. Before trying to start up the unit, make sure the red button on the spill switch is pushed in.

Fluing Requirements

100mm diameter flue is required in accordance with AG 601, NZS 5261 or any relevant local building codes. For altitudes above 610m, we recommend that a minimum flue height of 3.6m is used.

SYSTEM DATA		
	Natural Gas	Propane
Injector size	# 36	# 52
Input Rating	33 mj	33 mj
Manifold Pressure	0.8 kPa	2.38 kPa

INSTALLATION IS TO BE CARRIED OUT ONLY BY AN AUTHORISED PERSON

GAS CONNECTION

The gas connection is a 1/2 inch BSP Male thread. The gas line can be rigid copper pipe. Pipe size to ensure correct operating pressure. For minimum and maximum supply pressure see the System Data table below.

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

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.

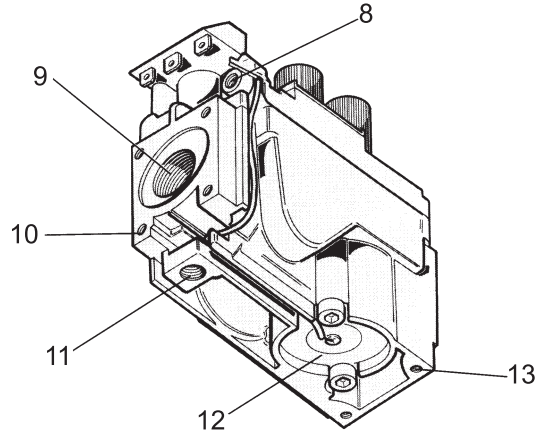
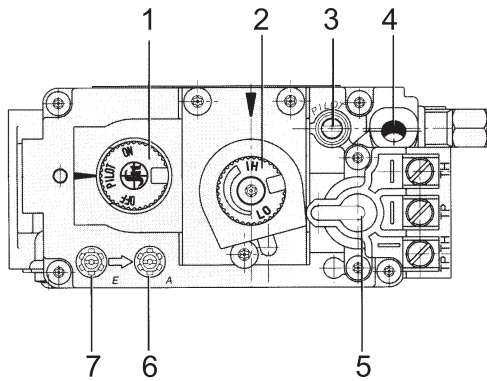
Note: To properly check gas pressure, both inlet and manifold pressures should be checked using the valve pressure ports on the valve.

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

INSTALLATION

VALVE DESCRIPTION

- 1) Gas cock knob
- 2) Manual high/low adjustment
- 3) Pilot Adjustment
- 4) Thermocouple Connection
- 5) Main Operator
- 6) Outlet Pressure Tap
- 7) Inlet Pressure Tap
- 8) Pilot Outlet
- 9) Main Gas Outlet
- 10) Flange Securing Screw Holes
- 11) Alternative TC Connection Point
- 12) Thermoelectric Unit
- 13) Additional Valve Mounting Hole



TEST FOR FLUE SPILLAGE

This heater must be properly connected to a flue system.

WARNING: Operation of this heater when not connected to a properly installed and maintained flue system or tampering with the flue safety shutoff system can result in carbon monoxide (CO) poisoning and possible death.

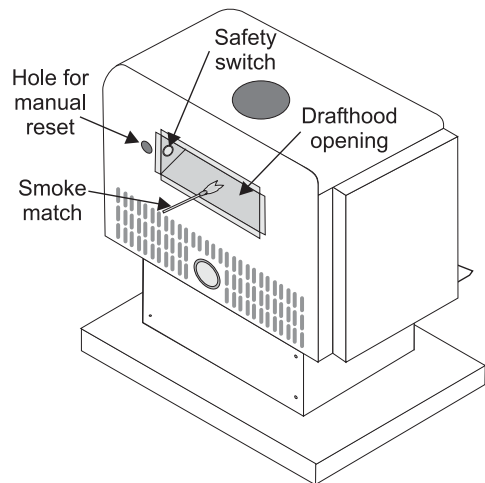
A "spillage" test must be made before the installed unit is left with the customer. Follow the procedure below:

- 1) Start all exhaust fans in the home and then close all doors and windows in the room.
- 2) Light the unit and set controls to maximum.
- 3) After five minutes, test that there is a "pull" on the flue by placing a smoke match, cigarette or similar device which gives off smoke, on the edge of the draft hood. See Diagram below.

The smoke should be drawn into the draft hood. If the smoke is still not drawn into the draft hood, turn the unit off and check for the cause of the lack of draft and rectify before proceeding.

Note: If the flue is blocked or has a strong reverse flow, the thermally actuated safety switch mounted in the draft hood will automatically shut off the gas supply in less than 10 minutes. If the heater turns off because of this during the spillage test, check for the cause of the lack of draft and rectify before proceeding.

To reset the thermally actuated safety switch, let the unit cool for 10 minutes, then press the red reset button on the back of the switch. See Diagram.



LOG AND EMBER INSTALLATION

WARNING: Dangerous operating conditions may occur if these logs are not positioned in their approved locations. 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 and burner operation.

The gas log kit contains the following:

- a) Front Log
 - b) Rear Log
 - c) Small Cross Logs (2)
 - d) Bag of embers
 - e) Bag of rock wool
- 1) Remove the logs from the box and carefully unwrap them. **The logs are fragile, handle with care. Do not force into position.**
 - 2) Place the rear deflector on the rear log support pins in the back of the unit.
 - 3) Place the rear log into the rear of the firebox, aligning the holes on the underside of the log with the rear log support pins and carefully push the log down onto the pins. See diagrams 1 and 2.
 - 4) Ensure the front deflector is over front log pins. See diagram 1.
 - 5) Place the front log in the front of the unit, aligning the holes on the underside of the log with the log support pins in the front of the unit. Carefully push the log down onto the pins. See diagram 1.
 - 6) Place the cross logs on top of the larger logs aligning the holes on the underside of the cross log with the log pins in the larger logs. See diagrams 1 & 2. Carefully push the cross logs onto the pins.

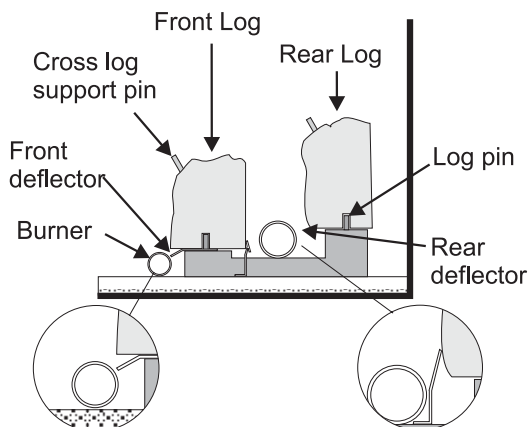


Diagram 1

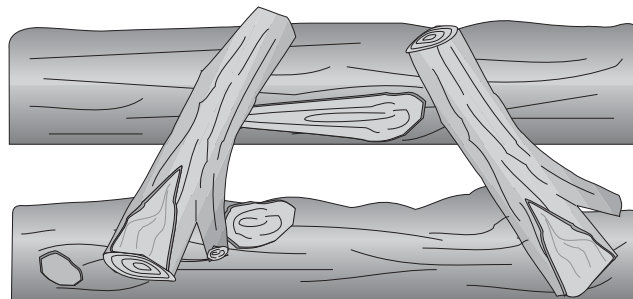


Diagram 2

- 7) Distribute the embers along the mesh ember tray, but do not cover the burner ports. (Burner ports are the little holes on the top of the burner tube.) Pull off ember size pieces from the rock wool. Gently place the pieces on top of the embers. See diagram 3.

Do not put the rock wool directly on the burner. Close the door and turn the unit on as per lighting instructions. Watch the flame to see if it flows smoothly around from one end to the other. (Use Extreme Caution and ensure proper light off of burner.)

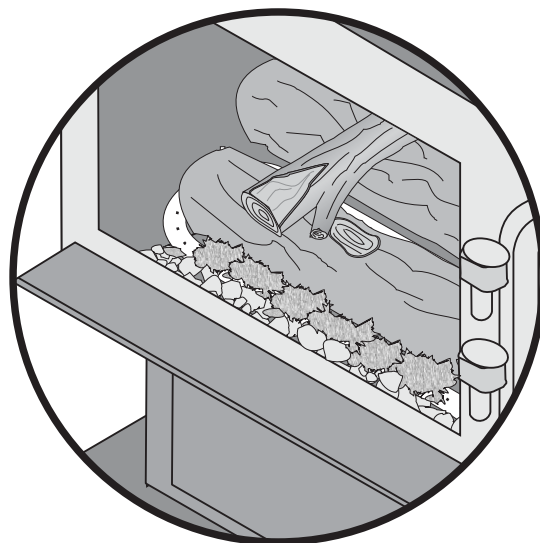


Diagram 3

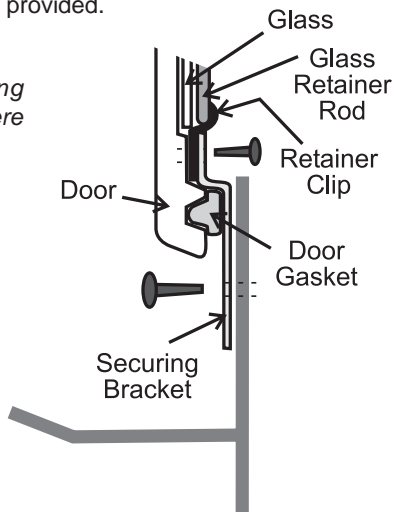
- 8) If the flame hesitates at any point, check the area of hesitation and see if there is an ember or rock wool blocking a burner port or ports. If so, move the obstruction and then check the flame flow again.

INSTALLATION

SAFETY LATCH

Secure door in the closed position using the door securing bracket and the screw provided.

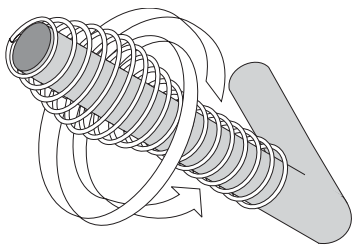
Note: Door securing bracket is there for safety.



Note: The door must be kept closed at all times, except during maintenance. The unit must never be operated without the glass in the door, or with the door open.

DOOR HANDLE

Attach spring handle by rotating counter clockwise onto rod. Ensure that the spring fits into the entire length of the rod.



OPTIONAL REMOTE WALL SWITCH

- 1) Run wire through the opening in the rear of the unit. Be careful not to damage wire.

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

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

Caution:

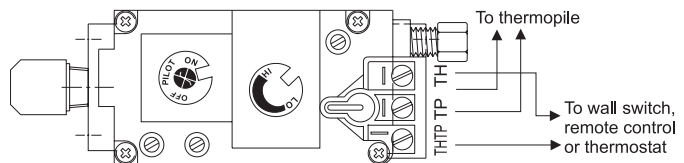
Do not wire millivolt wall switch for gas appliance to a 240V power supply.

OPTIONAL REMOTE CONTROL INSTALLATION

Use the Optional 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, a receiver and a wall mounting plate.

- 1) Choose a convenient location on the wall to install the receiver and the receptacle box (protection from extreme heat is very important). Run wires from the fireplace to that location. Use Thermostat Wire Table.
- 2) Connect the two wires to the gas valve. See diagram below.



OPTIONAL WALL THERMOSTAT INSTALLATION

A wall thermostat may be installed if desired.

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

Use a CSA, UCL or UL approved millivolt thermostat, 250-750 millivolt rated. A non-anticipator type thermostat must be used.

Thermostat Wire Table

Recommended Maximum Lead Length (Two-Wire) When Using Wall Thermostat (CP-2 System)	
Wire Size	Max. Length
14 GA.	15.24 m
16 GA.	9.75 m
18 GA.	6.10 m
20 GA.	3.66 m
22 GA.	2.71 m

WIRING

No electrical power supply is required for the gas control to operate. However, a 240V A.C. power supply is needed for the fan/blower operation.

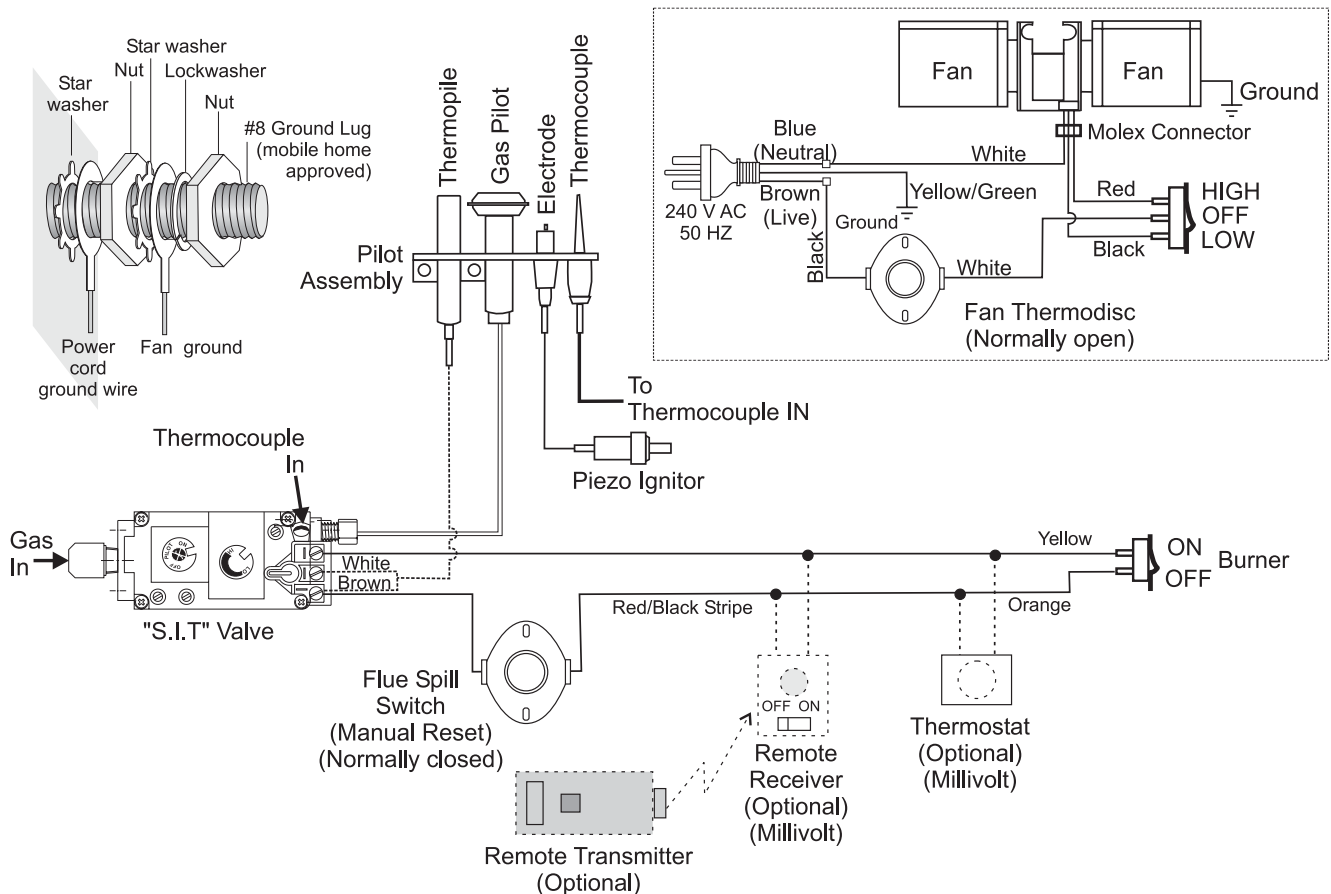
Caution: Ensure that the wires do not touch any hot surfaces and are away from sharp edges.

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.

CAUTION:

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



FINAL CHECK

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

- 1) Checking the operating pressure (see data label)
- 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.
- 3) Check for proper draft.

CAUTION: Any alteration to the product that causes sooting or carboning that results in damage to the unit is not the responsibility of the manufacturer and will not be covered by the warranty.

OPERATING INSTRUCTIONS

OPERATING INSTRUCTIONS

- 1) The **FIRST FIRE** in your stove 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 panel may require cleaning.

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

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

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

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

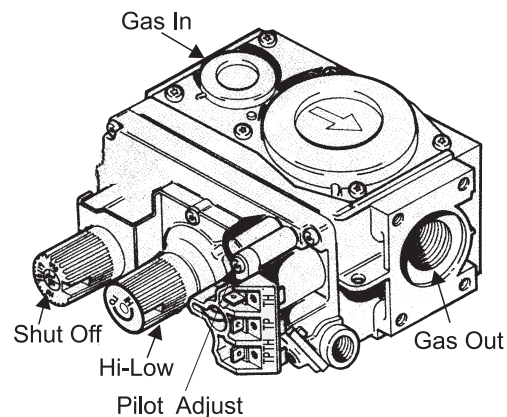
WARNING

DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION

LIGHTING PROCEDURE

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

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



SHUTDOWN PROCEDURE

- 1) Use the ON/OFF switch, wall switch, thermostat or remote control to turn off the burner.
- 2) Push in the PILOT knob slightly and turn clockwise to off. Do not force.
- 3) Turn off all electric power to the appliance if service is to be performed.

OPERATING INSTRUCTIONS

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) This appliance has a pilot which must be lighted by hand, following the instructions below exactly.

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

WHAT TO DO IF YOU SMELL GAS

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

C) Use only your hand to push in or turn the gas control knob. Never use tools. If the knob will not push in or turn by hand, don't try to repair it, call

a qualified service technician. Force or attempted repair may result in a fire or explosion.



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

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

CAUTION: Hot while in operation. Do not touch. Severe Burns may result. Due to high surface temperatures keep children, clothing and furniture, gasoline and other liquids having 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) Push in gas control knob slightly and turn clockwise  to "OFF". Knob cannot be turned from "PILOT" to "OFF" unless knob is pushed in slightly. Do not force.
- 2) Wait five (5) minutes to clear out any gas. If you then smell gas **STOP!** follow "B" in the safety information above on this label. If you don't smell gas, go to the next step.
- 3) Turn knob on gas control counterclockwise to "PILOT". 
- 4) Push in control knob all the way and hold in. Immediately push black button on spark igniter until pilot lights. Continue to hold the control knob in for about 1/2 minute after the pilot is lit.

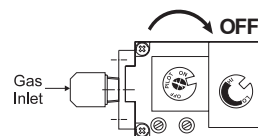
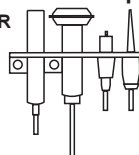
Release knob and it will pop back up. Pilot should remain lit. If it goes out, repeat steps 3) and 4). If knob does not pop up when released, stop and immediately call your service technician or gas supplier.

If the pilot will not stay lit after several tries, turn the gas control knob to "OFF" and call your service technician or gas supplier.

- 5) Turn gas control knob counterclockwise  to "ON".
- 6) Use rocker switch to operate main burner.

PILOT BURNER
VEILLEUSE

THERMOPILE
ELEMENT
THERMO-
ELECTRIQUE



TO TURN OFF GAS APPLIANCE

- 1) Push in the gas control knob slightly and turn clockwise  to "OFF". Do not force.
- 2) Turn off all electric power to the appliance if service is to be performed.

DO NOT REMOVE THIS INSTRUCTION PLATE

908-649

MAINTENANCE

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 setting of your fan switch.

Burner Tray:

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

Blower Thermodisc:

When this thermally activated switch turns ON it will create a small "clicking" sound. This is the switch contacts closing and is normal.

Pilot Flame:

While the pilot flame is on it can make a very slight "whisper" sound.

Gas Control Valve:

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

Unit Body/Firebox:

Different types and thicknesses of steel will expand and contract at different rates resulting in some "cracking" and "ticking" sounds will be heard throughout the cycling process.

should be cleaned with a gas fireplace glass cleaner (when it starts to cloud up).

- 3) The heater is finished in a heat resistant paint and should only be refinished with heat resistant paint. Regency uses Stove Brite Paint - Metallic Black #6309.
- 4) Make a periodic check of burner for proper position and condition. Visually check the flame of the burner periodically, making sure the flames are steady; not lifting or floating. If there is a problem, call an authorised service person.
- 5) The appliance and fluing system must be inspected before use, and at least annually, by an authorised 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 and rock wool.
- 6) Each time 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.
- 7) Caution: Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.

WARNING:

CHILDREN AND ADULTS SHOULD BE ALERTED TO THE HAZARDS OF HIGH SURFACE TEMPERATURES 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. DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IN OPERATION

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

NEVER OPERATE THE APPLIANCE WITHOUT THE GLASS PROPERLY SECURED IN PLACE.

MAINTENANCE INSTRUCTIONS

- 1) Always turn off the gas valve before cleaning. For relighting, refer to lighting instructions. Keep the burner and control compartment clean by brushing and vacuuming at least once a year.

When cleaning the logs, use a soft clean brush as the logs are fragile and easily damaged.

- 2) Clean appliance and door with a damp cloth (never when unit is hot). Never use an abrasive cleaner. The glass

GENERAL FLUE MAINTENANCE

Conduct an inspection of the flue system at least annually. Recommended areas to inspect are:

- 1) Check areas of the Fluing System which are exposed to the elements for corrosion. These will appear as rust spots or streaks, and in extreme cases, holes. These components should be replaced immediately.
- 2) Remove the Cap, and shine a flashlight down the Flue. Remove any birds nests, or other foreign material.
- 3) Check for evidence of excessive condensation, such as water droplets forming in the 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, or 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 for rigidity.

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, use only Regency replacement logs. 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.

GOLD-PLATED DOORS

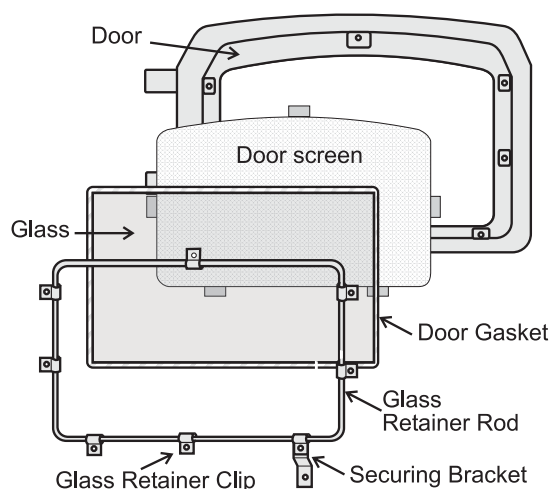
The 24 carat gold plated finish on the door requires little maintenance, and need only be cleaned with a damp cloth. DO NOT use abrasive materials or chemical cleaners, as they may harm the finish and void the warranty. **Clean any fingerprints off before turning the unit on.**

GLASS REPLACEMENT

Your F33-1 stove is supplied with high temperature, 5 mm Neoceram silica coated ceramic glass that will withstand the highest heat that your unit will produce. In the event that you break your glass by impact, purchase your replacement glass from an authorized Regency dealer only, and follow our step-by-step instructions for replacement.

- 1) Allow the stove to cool before removing or replacing glass.

- 2) To remove the door from the stove remove the securing screw located between the ashlip and the door, then unfasten the latch.
 - 3) Remove gold hinge caps from door.
 - 4) Lift door off hinge and lay door on a soft, flat surface.
 - 5) Remove the screws in the glass retainer clips and remove the glass retainer rod. Remove any remaining pieces of glass and ensure that the door is free of debris. Use caution when removing broken glass to avoid injury.
 - 6) Install the door screen (Australia only).
 - 7) Install the replacement glass. When placing the replacement glass in the door, make sure that the glass gasketing will properly seal your unit.
 - 8) Put glass in place and then position glass retainer rod.
- Note: Do not use substitute materials. If your glass does break, do not continue to use your unit until it has been replaced.**
- 9) Position the glass retainer clips and door securing bracket. Secure the glass retaining screws but do not overtighten as this may cause the glass to break after the unit heats up.
 - 10) Tighten all screws evenly. **Do not overtighten as this may cause breakage.**
 - 11) Slip door over hinge pins and put hinge caps back onto door. Latch door securely using the handle and secure the security bracket with the screw.



NOTE: Door Screen only in Australia.

MAINTENANCE

AERATION ADJUSTMENT

The burner aeration is factory set. Adjustment may be needed due to the local gas supply or altitude. As a general rule if the flame is too yellow open up the air shutter, if it is too blue close the air shutter.

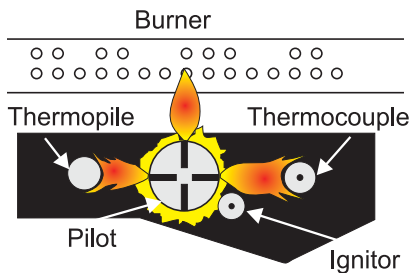
Natural Gas	11 mm
Propane	wide open

Note: This adjustment only to be made by an authorised person.

PILOT ADJUSTMENT

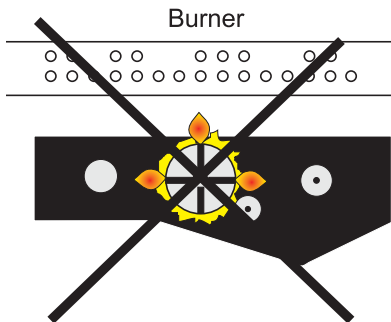
Periodically check the pilot flames. Correct flame pattern has three strong blue flames: 1 flowing around the thermopile, 1 around the thermocouple and 1 flowing across the burner (it does not have to be touching the burner).

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



Top View of pilot flame

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



Top View of pilot flame

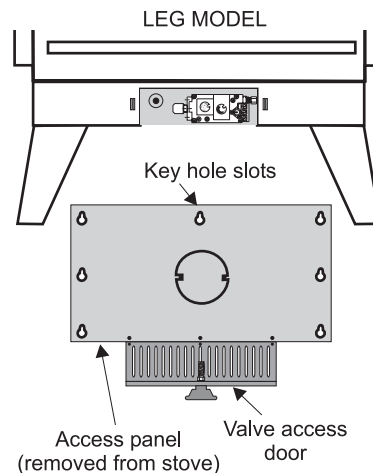
THERMOPILE/THERMOCOUPLE REPLACEMENT

- 1) Loosen the thermocouple or thermopile with a 9mm spanner at bracket.
- 2) Disconnect thermocouple by loosening nut from the valve with a 9mm spanner. Disconnect thermopile by loosening 2 screws marked TP on the valve.
- 3) Drop the thermocouple or thermopile down from the bracket and pull it out of the unit.
- 4) Reinstall the new ones in reverse order.

REMOVING VALVE ASSEMBLY

- 1) Shut off gas supply.
- 2) If optional fan is installed, disconnect power source to stove.
- 3) Remove access panel from bottom of leg shield.

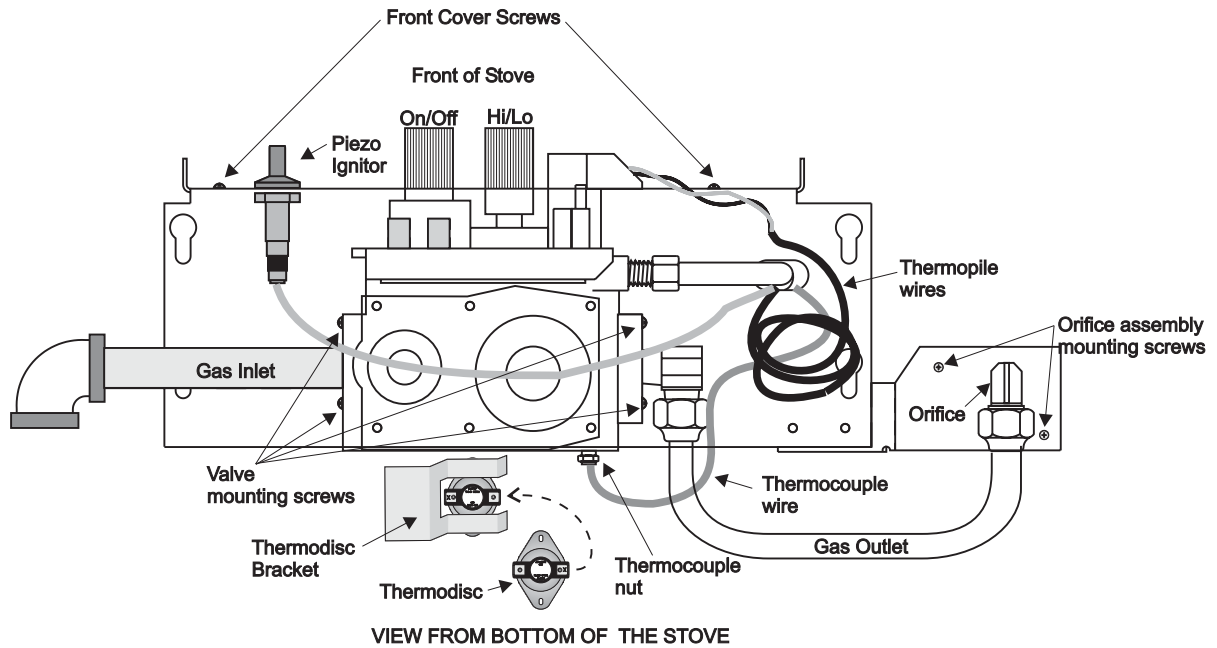
Note: Access panel only has to be loosened to be taken out.



- 4) Disconnect gas line to stove.
- 5) Disconnect 3/8" NPT pipe from 90° elbow on valve.
- 6) Disconnect the two (2) switch wires from valve.
- 7) Remove two (2) orifice bracket screws inside firebox.
- 8) Remove thermodisc to bracket by removing three (3) phillips head M5 screws.
- 9) Remove front cover with Piezo Igniter by removing two (2) sheet metal screws.

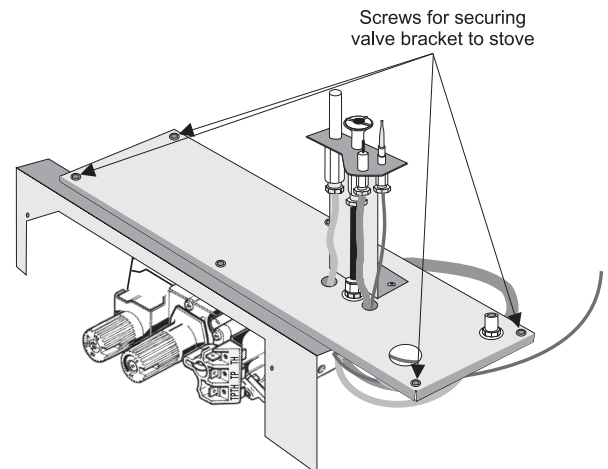
- 10) Loosen four (4) phillips head M5 valve mounting screws from underside of firebox. Push valve assembly forward on the teardrop slots and drop down.
- 11) Disconnect Piezo wire.
- 12) Remove two (2) thermopile wires.
- 13) Remove thermocouple with a 9 mm (metric) spanner.
- 14) Remove pilot nut with an 11 mm spanner.
- 15) Remove valve to orifice nut with a 13/16" spanner.
- 16) Remove inlet pipe with pipe spanner. Note orientation of 90° elbow.
- 17) Remove two (2) phillips head M5 screws on each side of the valve.
- 18) Remove valve and remove gas out 90° brass fitting. Note orientation of fitting.

To remove valve from valve assembly, continue.



INSTALLING VALVE ASSEMBLY

- 1) To install a new valve assembly, reverse instructions for **removing valve**. See assembly steps 1-11.
- 2) Check for leaks and manifold pressure. See **Gas Pressure Test** instructions.
- 3) To reinstall valve, reverse instructions for removing valve assembly, steps 12-18.



MAINTENANCE

FAN REPLACEMENT

- 1) Disconnect power to fan.
- 2) Remove 7 screw under the bottom shield to remove the bottom access panel. See diagram 1.

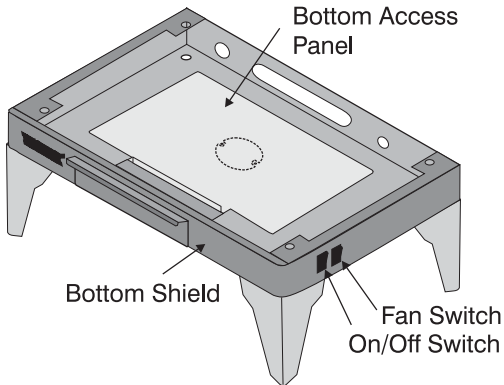


Diagram 1

- 3) Disconnect the molex plug (from inside the stove).

Note: The #8 ground lug is a dedicated ground for mobile home use only.

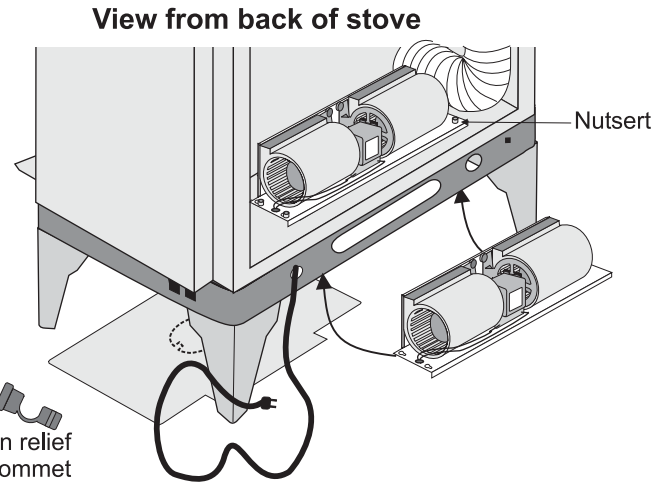
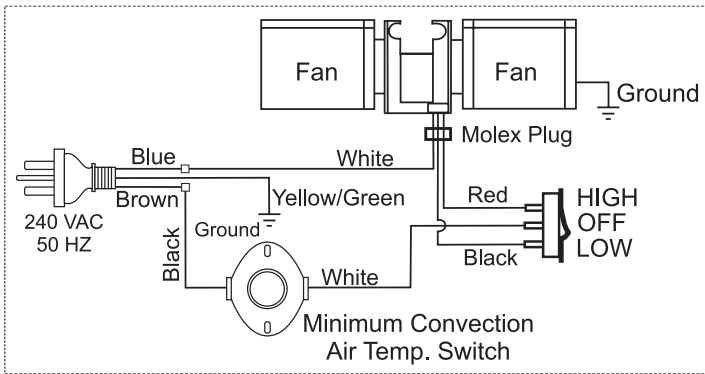


Diagram 2

- 4) Loosen the four 8-32x 1/2 screws provided into the nutserts as shown in diagram 3. **NOTE:** Make sure the fan is supported as it may fall when the 4 screws are loosened.
- 5) Disconnect the 2 ground wires (green and yellow/green striped) to the ground lug as per diagram 2.

Note: Ground lug is located on the bottom of the fan assembly. See diagram 3.



Wiring Diagram

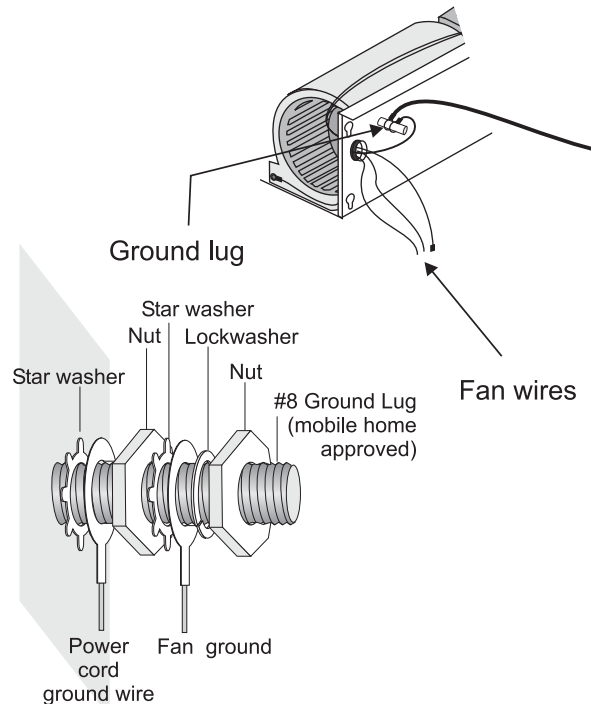


Diagram 3: Ground Lug

TROUBLESHOOTING THE GAS CONTROL SYSTEM

Note: Before troubleshooting the gas control system, be sure external gas shut off is in the "on" position.

WARNING: BEFORE DOING ANY GAS CONTROL SERVICE WORK, REMOVE THE GLASS FRONT.

TROUBLESHOOTING GUIDE		
PROBLEM	POSSIBLE CAUSES	CORRECTIVE ACTION
Spark igniter will not light pilot.	Piezo wire loose Defective Piezo igniter. Piezo wire grounding out. Electrode is grounding out and/or wrong location.	<ul style="list-style-type: none"> • Check for spark at electrode and pilot. If no spark, disconnect wire at electrode and put wire to ground and try igniter again. If still no spark follow Piezo wire to Piezo igniter to see where grounding may be occurring. • Bend electrode into pilot so gas may be able to contact spark.
Pilot will not stay lit after carefully following lighting instructions.	Defective thermopile. Defective thermocouple. Thermopile/thermocouple grounding out. Loose thermopile leads. TP-THTP on valve. Defective automatic gas valve.	<ul style="list-style-type: none"> • Check pilot flame, must impinge on thermopile and thermocouple. • Clean and/or adjust pilot so pilot is enveloped around thermopile and thermocouple. • Be sure wire connections at gas valve terminals are tight and thermopile and thermocouple are fully inserted into pilot bracket. • One of the switch wires may be grounded. May be grounded to gas appliance or gas supply. • Check thermopile with millivolt meter. Take reading at thermopile terminals of valve TP-TPTH. Should read 250 millivolts minimum while holding valve knob in pilot position with pilot on and wall switch/two way switch off. • Replace if lower than specified minimum. • Turn valve knob to on including pilot. Take reading at TP-TPTH with on/off switch in the on position. Reading should be 100mv or greater. If reading is okay and pilot does not hold, replace gas valve.
Pilot burning, no gas to burner. Valve knob is on. Wall switch is on.	Valve wire connections are loose. Valve wires are defective. Spill switch has not been reset (B-vent F/S). Spill switch is stuck in the open position. (B-vent INS - F/S).	<ul style="list-style-type: none"> • Check two way switch/wall switch for proper connections. Jumper wire across terminals at two way switch/wall switch. If burner comes on, replace switch. • If okay, jumper wire at valve at TH-THTP. If unit turns on, replace wires and/or check where loose wires are.
Frequent pilot outage problems.	Pilot flame may be too low or blowing high causing the pilot safety to drop out. Two way switch wires may be grounding out. Thermopile and/or thermocouple may be grounding out.	<ul style="list-style-type: none"> • Clean and/or adjust pilot for maximum flame impingement on thermopile and/or thermocouple. • Trace wires from valve to two way switch/wall switch for possible grounding against gas appliance and/or gas supply. • Trace thermopile wires from valve to thermopile for possible grounding against gas appliance and/or gas valve. • Follow same steps for thermocouple.
<p>Note: For service technicians only. See the Masport Troubleshooting Guide for more detailed information. (Troubleshooting Masport Gas Products)</p>		

ABNORMAL OPERATION

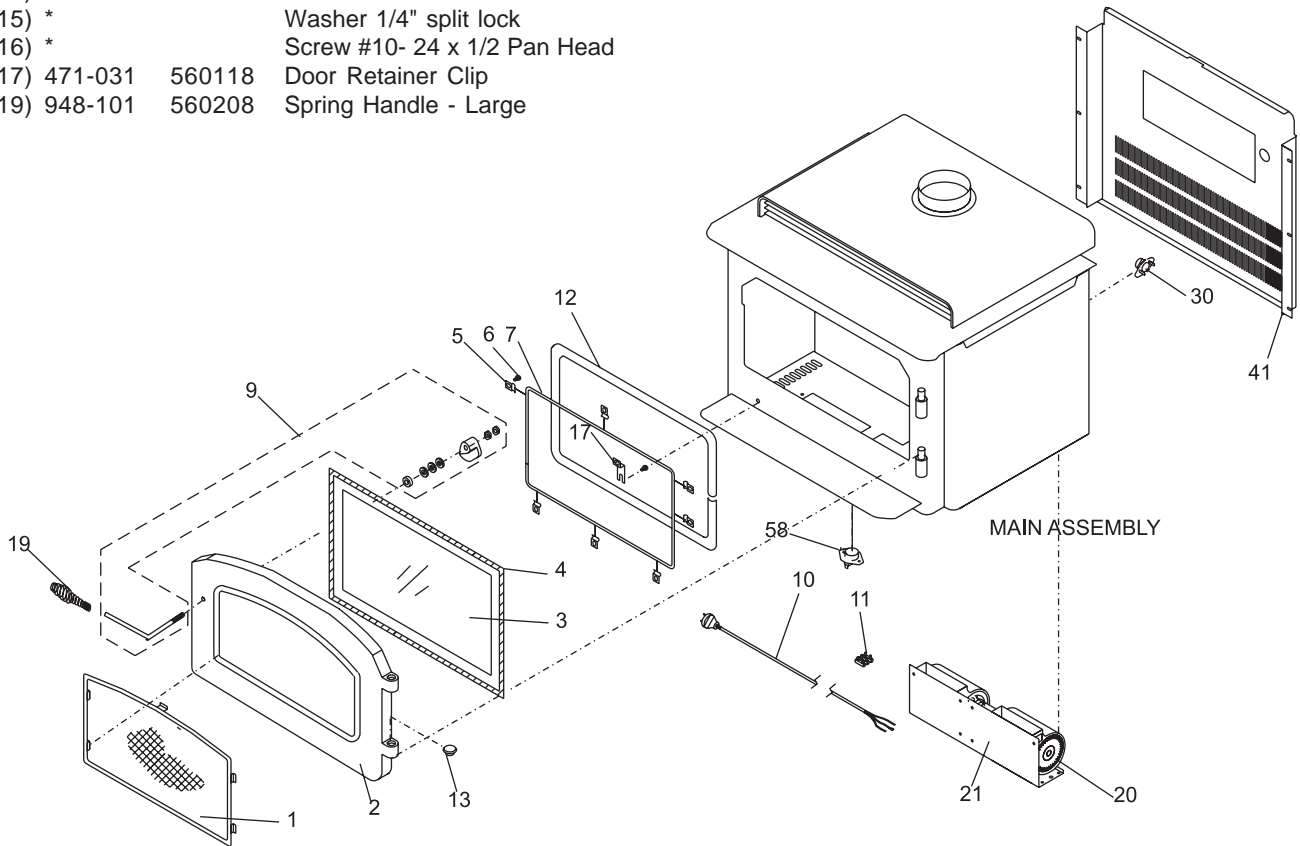
If the main burner does not light but pilot stays on shut down heater and contact your dealer

If excessive carbon on logs or glass contact your dealer

PARTS LIST

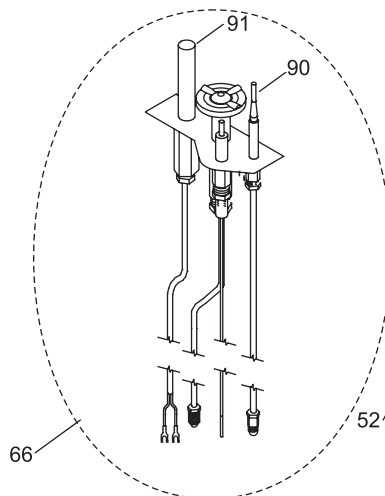
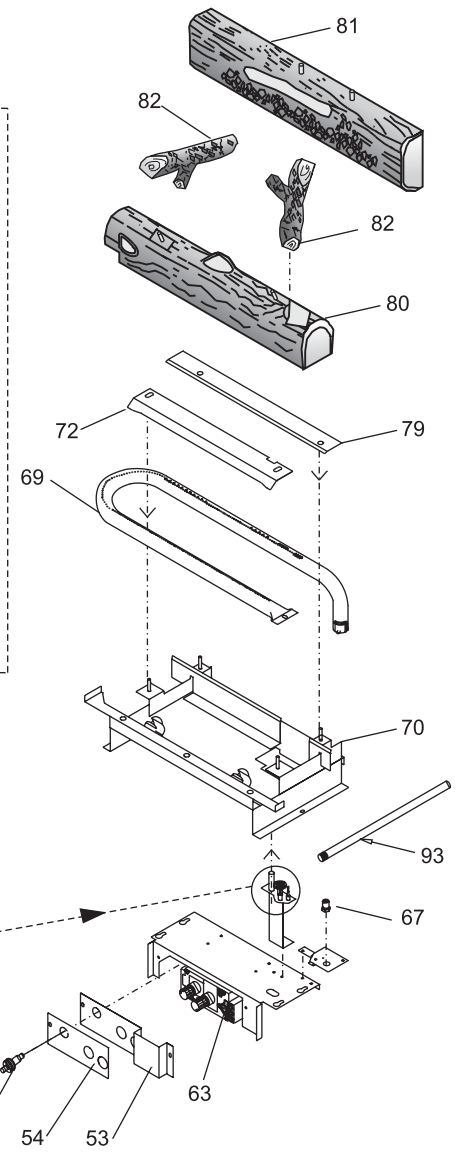
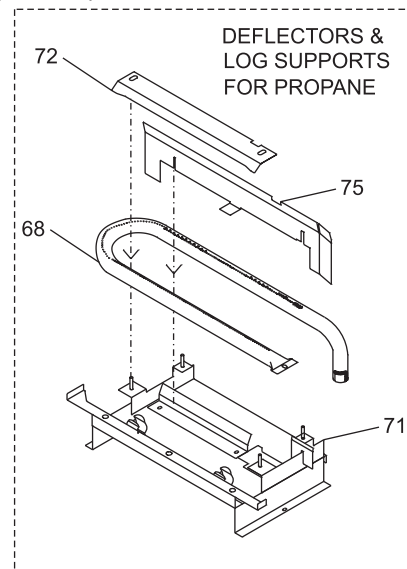
REPLACEMENT / SPARE PARTS LIST

Part # Australia	Part # New Zealand	Description	Part # Australia	Part # New Zealand	Description
1)	460-035	Door Screen (Australia Only)	490-517		Packaged Fan Assembly
2)	846-913	Complete Door Assy (Black)	20)	910-155/P	560023 Fan/Blower Motor - 240V
	846-915	Not Avail. Complete Door Assy (Gold)	21)	910-142	560037 Thermodisc - Fan Auto ON/OFF
3)	846-302	Small Glass		910-716	560063 Wire Harness (fan conn. end)
4)	936-243	560087 7/8" Glass Gasket		910-866	560122 Wire Harness (stove connection end)
5)	846-920	560202 Glass Retainer Clips			
6)	904-115	Screw 1/4 - 20 x 3/8"			
7)	948-170/P	Small Glass Retainer	30)	910-250	560025 Spill Switch
9)	846-973	Door Handle/Latch Assembly	41)	460-006	Rear Panel
10)	910-714	560061 Power Cord (240 V)			
11)	910-006	560062 Terminal Block		908-879	560123 Manual - Masport
12)	846-570	560203 7/8" Door Gasket Repair Kit			
13)	846-918	560204 Hinge Cap - Gold Plated (2/set)			
14)	*	Screw #10-24 x 3/4" Pan Head			*Not available as a replacement part.
15)	*	Washer 1/4" split lock			
16)	*	Screw #10- 24 x 1/2 Pan Head			
17)	471-031	560118 Door Retainer Clip			
19)	948-101	560208 Spring Handle - Large			



REPLACEMENT / SPARE PARTS LIST

Part #	Part #	Description	Part #	Part #	Description		
Australia	New Zealand		Australia	New Zealand			
52)	910-190	597004	Piezo Ignitor & Nut	72)	490-023	560128	Front Log Deflector
53)	490-061		Control Panel	79)	460-011	560130	Rear Burner Deflector-Back (NG)
54)	908-672		Control Panel Decal	80)	902-180	560131	Front Log
	462-560/P	560124	Complete Valve Assy-SIT (Nat. Gas)	81)	902-186	560132	Rear Log
	462-561/P	560125	Complete Valve Assy-SIT (Propane)	82)	902-182	560196	Top Log (each)
63)	910-378	588394	Valve SIT - Nat. Gas		902-151	560200	Ember
		588405	Valve SIT - Propane		902-153	560085	Rock Wool
66)	910-034	556117	Pilot Assy 3-flame SIT NG	90)	910-386		Thermocouple
	910-035	560226	Pilot Assy 3-flame SIT Propane	91)	910-341		Thermopile
		588407	PilotJet-LP	93)	904-537		3/8 x 12" Black Mall Nipple
67)	904-604	560126	Orifice #36 (NG)	*Not available as a replacement part.			
	904-390	551859	Orifice #52 (Propane)				
68)	948-294	560127	Burner - NG				
69)	948-279	560227	Burner - Propane				
70)	*		Burner Tray Assy-SIT-NG				
71)	*		Burner Tray Assy-SIT-Propane				

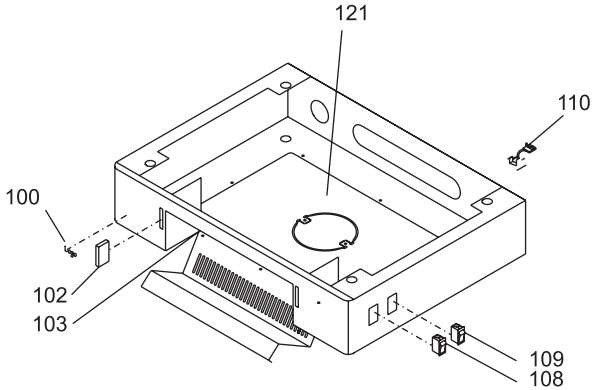


PARTS LIST

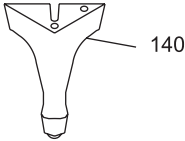
REPLACEMENT / SPARE PARTS LIST

Part #	Part #	Description
Australia	New Zealand	
Bottom Shield & Leg Option		
	490-544	Complete Bottom Shield
100)	948-217	551867 Logo Plate - Masport
102)	904-257	551893 Magnetic Catch - Large
103)	*	11" Pedestal Hinge
108)	910-246	560024 Burner On/Off Switch
109)	910-140	560036 Fan Hi/Off/Low Switch
110)	*	Strain Relief for power cord
121)	*	Access Panel
140)	850-126	551951 Cast Legs - Black

*Not available as a replacement part.



FLOOR SHIELD (OPTIONAL)



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.

Australia Distributor:

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

New Zealand:

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

For your own records, please complete the following:

Model: _____	Serial Number: _____
Retailer: _____	

Purchase Date: _____	

