GAZCO

Reflex 105

Inset Convector Fire - Conventional Flue with Harmony 10 Remote Control System

Installation & User Instructions

IMPORTANT

THE OUTER CASING, FRONT AND GLASS PANEL BECOME EXTREMELY HOT DURING OPERATION AND WILL RESULT IN SERIOUS INJURY AND BURNS IF TOUCHED. IT IS THEREFORE RECOMMENDED THAT A FIREGUARD COMPLYING WITH BS 8423 (LATEST EDITION) IS USED IN THE PRESENCE OF YOUNG CHILDREN, THE ELDERLY OR INFIRM.

This product contains a Heat resistant glass panel. This panel should be checked during Installation and at each servicing interval. If any damage is observed on the front face of the glass panel (scratches, scores, cracks or other surface defects), the glass panel must be replaced and the appliance must not be used until a replacement is installed. Under no circumstances should the appliance be used if any damage is observed, the glass panel is removed or broken.

It is essential that ALL of the screws that retain the glass frame are replaced and tightened correctly. Under no circumstances should the appliance be operated if any of these screws are loose or missing.

These Instructions must be left with the appliance for future reference and for consultation when servicing the appliance. Please make the customer aware of the correct operation of the appliance before leaving these instructions with them.

The commissioning sheet found on Page 3 of this Instruction manual must be completed by the Installer prior to leaving the premises.

PR2545.4.03.2025

CONTENTS

Reflex 105 - Conventional Flue

Covering the following models:

	REFLEX 105
Nat Gas	191-133
LPG	191-601

It is a requirement of the Building Regulations 2010 that the installation of this appliance is notified to the Local Authority. It is the responsibility of the GasSafe registered installer to carry out this notification to the Local Authority via the GasSafe register Competent Persons Scheme in England and Wales (different rules apply in Scotland and Northern Ireland).

When the installation has been notified, GasSafe will send a Building Regulations Compliance Certificate to you containing details of the work completed. Please ensure that the person responsible for the installation of this appliance completes this notification and records it in the Appliance Commissioning Checklist on page 3.

IT IS YOUR RESPONSIBILITY TO COMPLY WITH THE BUILDING REGULATIONS AND BE ABLE TO PRODUCE THIS CERTIFICATE SHOULD IT BE REQUIRED IN THE FUTURE.

APPLIANCE COMMISSIONING CHECKLIST

To assist us in any guarantee claim please complete the following information:-

IMPORTANT NOTICE

Explain the operation of the appliance to the end user, hand the completed instructions to them for safe keeping, as the information will be required when making any guaranteed claims.

FLUE CHECK	PASS	FAIL
1. Flue Is correct for appliance		
2. Flue flow Test		
3. Spillage Test		
GAS CHECK		
1. Gas soundness & let by test		
2. Standing gas pressure	mb	
3. Appliance working pressure (on High Setting) Minimum Pressure Requirement: NG - 16.5mbar LPG - 34.5mbar NB All other gas appliances must be operating on full	mb	
4. Gas rate	m^3/h	
5. Does Ventilation meet appliance requirements		
SAFETY CHECK		
1. Check soundness of the Thermocouple connections - including tightness and lead integrity		
2. Glass checked to ensure no damage, scratches, scores or cracks		
3. Glass frame secured correctly and all screws replaced		
4. CO alarm fitted		
BUILDING CONTROL NOTIFICATION	**YES**	**NO**
1. Installer notified GasSafe/Local Authority of installation via Competent Persons Scheme?		

RETAILER AND INSTALLER INFORMATION

Retailer .....

.....

.....

Contact No......

Date of Purchase .....

Model No. .....

Serial No......

Gas Type .....

Installation Company.....

.....

.....

Engineer......

Contact No......

GasSafe Reg No. .....

Date of Installation .....

USER INSTRUCTIONS

GENERAL

Installation and servicing must only be carried out by a competent person whose name appears on the GasSafe register. To ensure the engineer is registered with GasSafe they should possess an ID Card carrying the following logo:

In all correspondence, please quote the appliance type and serial number, which can be found on the data badge located on a plate under the Main Burner.

Do not place curtains above the appliance:
You must have 300mm clearance between the appliance and any curtains at either side.

No furnishings or other objects should be placed within 1 metre of the front of the appliance.
If a shelf is fitted, a distance of 400mm above the appliance is required.

If any cracks appear in the glass panel do not use the appliance until the panel has been replaced.

When the appliance has been installed the position of the plug must be accessible.
Where the electricity supply cable has to pass through a fire place, stone surround etc. ensure suitable rubber bushes are fitted at possible wear points.

If the electricity supply cable is damaged do not use the appliance until it has been replaced. For safety reasons the replacement has to be carried out by Gazco, a Gazco service agent or a similarly competent electrician.

Repairs of electrical appliances must only be performed by an electrical engineer. Should the appliance fail to operate, or in case of any damage, please contact the retailer from whom the appliance was purchased.

This product is guaranteed for 5 years from the date of installation, as set out in the terms and conditions of sale between Gazco and your local Gazco retailer. Please consult with your local Gazco retailer if you have any questions. In all correspondence always quote the Model Number and Serial Number.

This appliance is not intended to be used by persons under the age of 12, persons with reduced physical, sensory or mental capabilities or persons with lack of experience and knowledge in the safe operation of the appliance.
The appliance may be operated by persons above the age of 12 provided they have been instructed in the safe use of the appliance and that they understand the hazards involved. Persons above the age of 12 may also operate the appliance under the supervision of a responsible adult.
Cleaning and Maintenance of the appliance must be undertaken by a suitably qualified adult.
CHILDREN MUST BE SUPERVISED TO ENSURE THEY DO NOT PLAY WITH THE APPLIANCE.

WARNING

In the event of a gas escape or if you can smell gas, please take the following steps:

- **Immediately turn off the gas supply at the meter/emergency control valve**
- **Extinguish all sources of ignition**
- **Do not smoke**
- **Do not operate any electrical light or power switches (On or Off)**
- **Ventilate the building(s) by opening doors and windows**
- **Ensure access to the premises can be made**

Please report the incident immediately to the National Gas Emergency Service Call Centre on 0800 111 999 (England, Scotland and Wales), 0800 002 001 (N. Ireland) or in the case of LPG, the gas supplier whose details can be found on the bulk storage vessel or cylinder.

The gas supply must not be used until remedial action has been taken to correct the defect and the installation has been recommissioned by a competent person.

IMPORTANT: Never position a televsion or screen above this appliance.

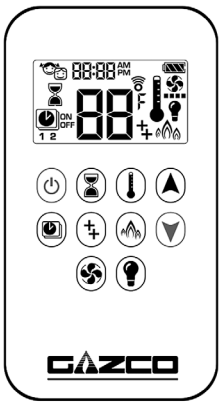
CO ALARMS

Building regulations require that whenever a new or replacement fixed gas burning appliance is installed in a dwelling, a carbon monoxide alarm complying with BS EN 50291-1(latest edition) must be fitted in the same room as the appliance. Further guidance and recommendations on the installation of carbon monoxide alarms is available in BS EN 50292 (latest edition) and from manufacturers' instructions.

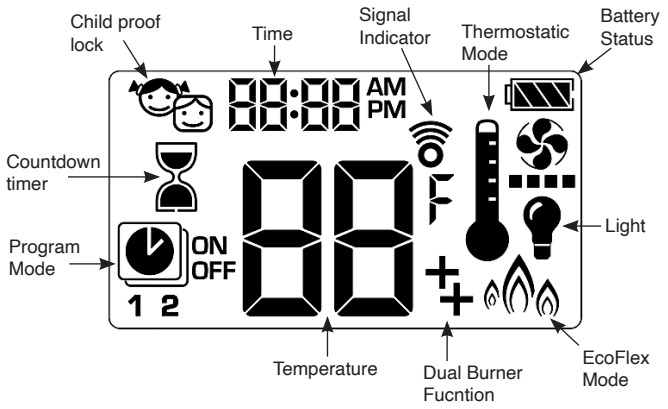
Provision of an alarm must not be considered a substitute for either installing the appliance correctly or ensuring regular servicing and maintenance of the appliance.

OPERATING THE APPLIANCE

The appliance is operated by thermostatic and programmable remote control.



Via the remote it is possible to control the following features:



BEFORE OPERATING

Make sure manual knob on the gas valve is in the ON position by turning fully clockwise to the position.

TURNING THE APPLIANCE ON

The handset controls the appliance from pilot ignition through to shut down.

To turn the fire on press the button until two short signals and a series of blinking series of lines confirm the start of the ignition sequence.
The pilot will ignite and the remote is now in Manual Mode:

IMPORTANT: YELLOW FLAMES TYPICALLY APPEAR WHEN THE APPLIANCE HAS REACHED NORMAL OPERATING TEMPERATURE. THIS CAN TAKE UP TO 30 MINUTES.

WARNING: IF THE APPLIANCE FAILS TO LIGHT OR BECOMES EXTINGUISHED IN USE, WAIT 3 MINUTES BEFORE ATTEMPTING TO RELIGHT.

There are 4 different modes available for controlling and operating the appliance:

1. Manual Mode
2. Thermostatic Mode (Automatic)
3. Program Mode (Automatic)
4. EcoFlex Mode (Automatic)

In **MANUAL MODE** you can:

— turn on the main burner using the button.
— regulate the flame from high to low and back.
— turn off the burner leaving just the pilot burning.

In **THERMOSTATIC MODE (Automatic)** you can:

— set the room temperature so the thermostat in the remote automatically maintains that temperature.

In **PROGRAM MODE (Automatic)** the fire:

— turns on and off according to the set time periods.
— automatically regulates the room temperature during the set periods.

In **ECOFLEX MODE (Automatic)** the fire:

— modulates the flame height between high and low in response to room temperature. One cycle lasts for 20 minutes.

NOTE: When operating the fire in Thermostatic or Program mode, the pilot remains lit and the fire then automatically switches on to bring the room to the set temperature whether or not you are in the room.

NEVER LEAVE ANY COMBUSTIBLE MATERIALS WITHIN 1 METRE OF THE FRONT OF THE APPLIANCE.

TURNING THE APPLIANCE OFF (STANDBY)

Press and hold the button to turn the appliance off.

NOTE: There is a 5 second delay before the next ignition is possible.

MANUAL MODE

To turn the fire on press the button until two short signals and a series of blinking series of lines confirm the start of the ignition sequence.

Standby (Pilot Flame) Mode:

Press and hold the button to set the appliance to pilot flame only.

FOR SAFETY, YOU MUST WAIT 30 SECONDS BEFORE LIGHTING THE FIRE AGAIN.

Increasing the Flame Height:

To increase flame height press and hold button.

Decreasing the Flame Height:

To decrease flame height press or to set the appliance to pilot flame and hold the button.

NOTE: While pressing a button a symbol indicating transmission appears on the display. The receiver confirms transmission with a sound signal.

THERMOSTATIC MODE (AUTOMATIC)

To select the Thermostatic mode press the button.
The preset temperature will show briefly then the current **room** temperature will be displayed.

Setting the temperature:

Press and hold the button until the temperature display flashes.

Adjust the temperature by pressing the or button.

Press the button to confirm the temperature.

NOTE: If you set a temperature that is beneath the current room temperature, the fire automatically switches to PILOT (Standby).

Exiting Thermostatic Mode:

Press the button to exit Thermostatic mode.

Press the or button to enter Manual Mode.

Press the button to enter Program Mode.

Press the button to enter EcoFlex Mode.

PROGRAM MODE (AUTOMATIC)

To select the Program mode press the button.
The set temperature for the On time is the one set in Thermostatic Mode. Changing the thermostat temperature changes the temperature in Program mode.

Default Settings

The On time (Thermostatic) Temperature is 21°C (70°F).
The Off time Temperature is '--' (Pilot flame only).

Temperature Settings

Press the button and hold until the display flashes ON and set the temperature (See Thermostatic Mode) is displayed.

Press the button or wait until OFF is displayed and the temperature flashes.

Adjust the temperature by pressing the or button.

Press the button to confirm the temperature.

NOTE: The On (Thermostatic) and Off set temperature is the same for each day.

Day Setting:

ALL Flashes. Press or button to choose between ALL, SA,SU, 1, 2, 3, 4, 5, 6, 7.

Press the button to confirm.

ALL Selected

ON TIME SETTING (PROGRAM 1):

, 1 ON displayed, ALL is displayed shortly and **hour** flashes.

Select the **hour** by pressing the or button.

Press the button to confirm. , 1 ON displayed, ALL is displayed shortly and **minutes** flashes.

Select the **minutes** by pressing the or button.

Press the button to confirm.

OFF TIME SETTING (PROGRAM 1):

, 1 OFF displayed, ALL is displayed shortly and **hour** flashes.

Select the **hour** by pressing the or button.

Press the button to confirm. , 1 OFF displayed, ALL is displayed shortly and **minutes** flashes.

Select the **minutes** by pressing the or button.

Press the button to confirm.

NOTE: either continue to PROGRAM 2 and set on and off times or stop programming at this point and PROGRAM 2 remains deactivated.

PROGRAM 1 and PROGRAM 2 use the same On (Thermostatic) and Off temperatures for ALL, SA:SU and Daily Timer (1, 2, 3, 4, 5, 6, 7). Once a new On (Thermostatic) and/or Off temperature has been set, that temperature becomes the new default setting.

If ALL, SA:SU or Daily Timer are programmed for PROGRAM 1 and PROGRAM 2 On and Off times these become the new default times. The batteries must be removed to clear PROGRAM 1 and 2 On and Off times and temperatures.

SA:SU or Daily (1, 2, 3, 4, 5, 6, 7) selected

Set On and Off time using the same procedure as 'ALL Selected' (above).

SA:SU: Set On and Off time for both Saturday and Sunday.

Daily Timer: Unique On and Off times might be set for a single day of the week for multiple days of the week or for every day of the week.

Wait to finish setting.

Exiting Program Mode:

Press the , or button to enter Manual Mode.

Press the button to enter Thermostatic mode.

Press the button to enter EcoFlex Mode.

ECOFLEX MODE

Turning the EcoFlex Mode on.

Press the button to enter EcoFlex Mode. is displayed.

Turning the EcoFlex Mode off.

Press the button to exit EcoFlex Mode. will disappear.

DESIGNATED HIGH AND LOW FIRES

NOTE: Backlight must be on for high and low fire double click operation.

To go to Low fire, double click the button. LO is displayed.

Flame goes to high fire first before going to Low fire.

To go to Hi fire, double click the button. HI is displayed.

DUAL BURNER FUNCTION

Upon ignition Burner 1 is on and Burner 2 is in the last setting. Both sides can be activated or controlled using the Dual Burner Function.

Press and hold the button to enter Dual Burner Function and turn on burner 2. is displayed.

Press and hold the button to exit Dual Burner Function leaving only burner 1 in operation . will disappear.

LIGHT/DIMMER OPERATION

Turning the light on.

Press the button to operate. is displayed.

The lights on at preset level.

SETTING:

Press the button and hold until is flashing.

To adjust the lighting between 20 % and 100% press the or button.

To confirm setting either press the button or wait (is displayed).

Turning the light off.

Press the button to turn off. disappears.

NOTE: The light works independently of the Pilot flame. If you want the light on but no flame press the button to operate.

COUNTDOWN TIMER

Turning the Timer on.

Press and hold the button until displayed, and hour **flashes**.

To select the **hour** press the or button.

To confirm press the button. **Minutes** flash.

To select the **minutes** press the or button.

To confirm press the button or wait.

Turning the Timer off.

Press and hold the button, and countdown display will disappear.

At the end of countdown time period, the appliance turns off. The Countdown Timer only works in Manual, Thermostatic and EcoFlex modes.
Maximum countdown time is 9 hours and 50 minutes.

CHILD PROOF LOCK

Turning the Child Lock on.

Press the ⏻ and ▼ buttons simultaneously.  will be displayed and the handset is rendered inoperable except for the Off function.

Turning the Child Lock off.

Press the ⏻ and ▼ buttons simultaneously to deactivate.

 will disappear.

SETTING THE TIME

Press the ▲ and ▼ buttons simultaneously. **Day** flashes.

Press the ▲ or ▼ button to select a number that corresponds with a day of the week (eg 1 = Monday, 2 = Tuesday, 3 = Wednesday, 4 = Thursday, 5 = Friday, 6 = Saturday, 7 = Sunday).

Press the ▲ and ▼ buttons simultaneously. **Hour** flashes.

To select hour press the ▲ or ▼ button.

Press the ▲ and ▼ buttons simultaneously. **Minutes** flash.

To select minutes press the ▲ or ▼ button.

To confirm press the ▲ and ▼ buttons simultaneously or wait.

SETTING FAHRENHEIT OR CELSIUS

To change between °C and °F press ⏻ and ⏳ buttons simultaneously.

NOTE: Choosing °F results in a 12 hour clock. Choosing °C results in a 24 hour clock.

TROUBLESHOOTING

IMPORTANT: In the unlikely event that the handset fails to communicate correctly with the appliance it may be necessary to turn off the gas supply at the isolation valve until any problems can be resolved.

The gas meter and isolation valve can be located outside in a meter box, under the stairs, beneath the kitchen sink or in the garage. Whilst this list is not exhaustive, it is important to be able to identify the location of the valve in case of any gas emergency.

To turn off the gas supply, simply turn the handle so the lever is at 90 degrees to the upright gas pipe.

If you smell gas, open doors and windows and never operate any electrical switches. Immediately call the Gas Emergency Services on 0800 111 999.

MYFIRE WI-FI KIT

This appliance can be fitted with an optional Wi-Fi kit which can allow operation from a tablet or smart device, Gazco part No. 999-055.
Contact your Gazco retailer for more information.

MYFIRE WI-FI TROUBLESHOOTING

The MyFire Wi-Fi box must be wired according to the MyFire set up diagram and connected to the receiver, which is in turn connected to the mains power.

Ensure the device is running the most up to date operating system as older models may not be compatible with the MyFire App.

After 30 seconds the MyFire Box goes into Access Point Mode (Green LED flashes). See MyFire App instructions supplied and configure the router.

The following things can affect the Wi-Fi signal on the appliance:

1. Multiple users on the same Wi-Fi channel may interfere with the data transfer. Press the reset button on the MyFire Wi-Fi box for 1 second to change the current channel.

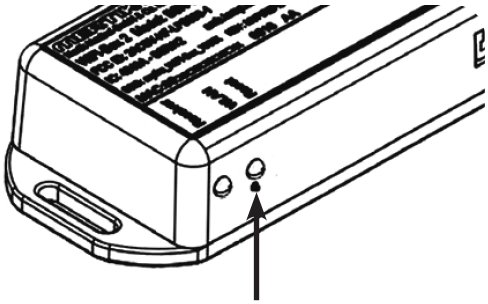
2. If the MyFire Wi-Fi box is not connected to the receiver or is not used it will leave Access Point Mode after 24 hours.

3. If there are multiple fireplaces in the household using MyFire Wi-Fi boxes there must be a minimum of 600mm between them to avoid interference.
4. If there are any changes to the home network then the MyFire Wi-Fi set up must be repeated.

Quick Reference Table - for LED.

LED INDICATOR FOR MYFIRE WI-FI BOX			
LABEL	LED		STATUS
Power	Blue	On	Power On
		Off	Power Off
WLAN	Green	On	Connected to home network (Wi-Fi Router)
		Off	Not connected to home network (Wi-Fi Router)
		Flashing	MyFire Wi-Fi Box in Access Point Mode
Receiver	Blue	On	Receiver connected
		Off	No receiver connected or connection lost
All LEDs		Flashing	Internal Configuration

It may be necessary to reset the MyFire Wi-Fi box using a paperclip or similar.
The table below shows the length of time required for each reset and the confirmation signals.



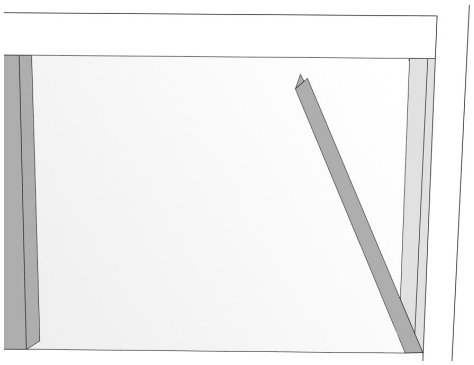
PRESS RESET BUTTON	LED STATUS BLUE POWER LED	FUNCTION
Power-On-Reset or 1 second reset	WLAN LED 2 flashes red, green and blue	If no network is set the AP Mode will be activated for 2 hours. When the network isn't set after 2 hours the WiFi box will go to Standby Mode. Once a network is set, the WiFi box will connect directly.
7 seconds	RECEIVER LED 1 flashes every 500ms in blue	Removes the WiFi settings and turns on the Access point mode (AP mode) for 2 hours.
20 Seconds	RECEIVER LED 1 flashes every 500ms in blue	Erases all Setup Data including WiFi settings. The AP-Mode will be activated for 2 hours.

CLEANING THE APPLIANCE

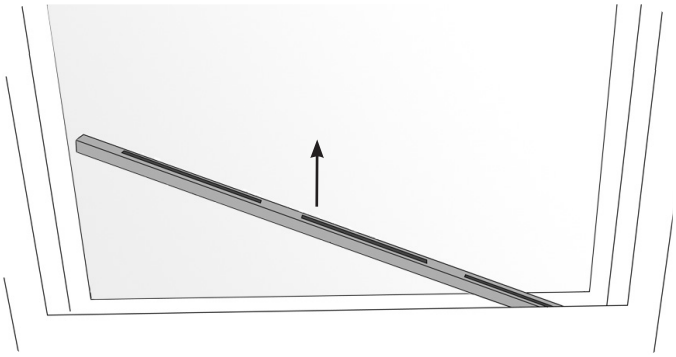
From time to time it may be necessary to remove build up of debris and soot from the logs.

Make sure the appliance and surrounds are cool before cleaning.

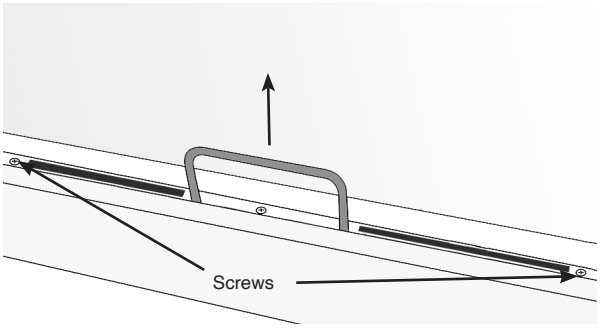
Remove the glass frame by removing the 2 side trims, see Diagram. These are held on by magnets.



Lift out the bottom slotted trim..

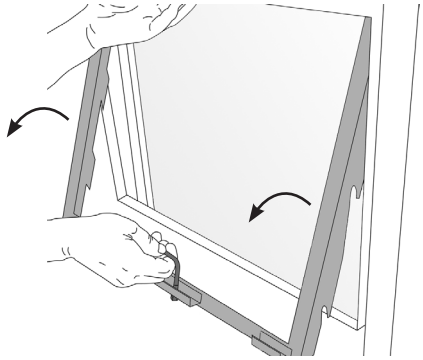


Remove the 2 screws at the base of the door, see Diagram.



Pull up the handle at the front..

Whilst supporting the top, lift the door using the handle, up and over the lower edge.



Should the logs require cleaning, lightly brush with a soft brush. Any large pieces of debris may be removed by hand.
DO NOT USE A VACUUM CLEANER.

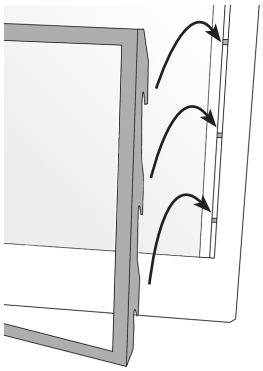
Use a damp cloth to clean the outer casing of the appliance.

To clean the glass surface use a non abrasive glass cleaner and soft cloth.

The glass frame must be refitted to the appliance following cleaning or servicing.

Ensure that the rope seal on the back of the glass frame is intact.

To replace the glass frame, position so the hooks on the back of the frame fit over the side pins..



Push the handle down.

Replace the screws. As the screws are tightened the glass frame is pulled down against the hooks and forms a seal.
Replace ALL of the securing screws ensuring that a screw is present in all fixing slots.

UNDER NO CIRCUMSTANCES SHOULD THE APPLIANCE BE USED IF ANY OF THE GLASS FRAME RETAINING SCREWS ARE LOOSE OR MISSING.

Replace the lower trim.

Replace the 2 magnetic side trims.

NEVER OPERATE THE APPLIANCE WHEN THE GLASS PANEL IS REMOVED OR BROKEN.

Replace the decorative front by referring to the separate instructions supplied with the front.

OXYGEN DEPLETION SENSOR

The appliance is fitted with an oxygen sensitive pilot system that will act to cut off the gas supply to the appliance should the oxygen in the room fall below its normal level. If the appliance is turned off by this device it usually indicates that there is a problem with the flue system, this should be inspected by a qualified engineer.

DO NOT ATTEMPT TO USE THE APPLIANCE UNTIL AN ENGINEER SAYS IT IS SAFE TO DO SO.
THIS DEVICE IS NOT A SUBSTITUTE FOR AN INDEPENDENTLY MOUNTED CARBON MONOXIDE DETECTOR.

FLAME FAILURE DEVICE

This is a safety feature incorporated on this appliance which automatically switches off the gas supply if the pilot goes out and fails to heat the thermocouple.

IF THIS OCCURS DO NOT ATTEMPT TO RELIGHT THE APPLIANCE FOR 3 MINUTES.

RUNNING IN

During initial use of a new Gazco appliance a strong odour will be encountered as various surface coatings become hot for the first time. Although these odours are harmless it is recommended that the appliance is operated on maximum for 4 to 8 hours in order to fully burn off these coatings. After this period the odours should then disappear.

If the odours persists, please contact your installer for advice.

During the first few hours of burning there may be discolouration of the flames. This will also disappear after a short period of use.

PILOT AREA WHITENING

Gas fire owners (not exclusive to Gazco) have reported issues of whitening around the pilot areas on their Conventional Flue glass fronted products. These white marks can also appear on glass or enamel panels inside the fire and on the inside of the glass which chemical analysis found to be Silicon Dioxide.

The cause of this is most likely a heat decomposition product of Siloxanes or similar compounds. Gazco can confirm that there are no Siloxane or similar products used in our conventionally flued fires and is therefore forming from sources external to the appliance. Siloxanes can be widely found in domestic cleaning products, cosmetics, scented room diffusers, candles and biomethane in the natural gas supply.

To reduce this problem, Gazco would recommend the removal of any products that could possibly contain Siloxanes from the room the fire is situated in. In addition to this, the whitening appears to be worse when the product is left for long periods of time in the pilot only position. This should be reduced where customers are experiencing this problem.

VENTILATION

Any purpose provided ventilation should be checked periodically to ensure that it is free from obstruction.

INSTALLATION DETAILS

Your installer should have completed the commissioning sheet at the front of this book. This records the essential installation details of the appliance. In all correspondence always quote the Model number and Serial number.

CO ALARMS

Building regulations require that whenever a new or replacement fixed gas burning appliance is installed in a dwelling, a carbon monoxide alarm complying with BS EN 50291-1(latest edition) must be fitted in the same room as the appliance. Further guidance and recommendations on the installation of carbon monoxide alarms is available in BS EN 50292 (latest edition) and from manufacturers' instructions.

Provision of an alarm must not be considered a substitute for either installing the appliance correctly or ensuring regular servicing and maintenance of the appliance.

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Any purpose provided ventilation should be checked periodically to ensure that it is free from obstruction.

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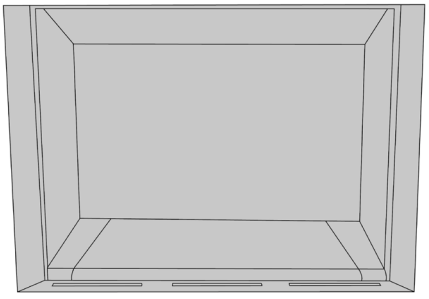
HOT SURFACES

Parts of this appliance become hot during normal use.

Regard all parts of the appliance as a working surface.

Provide a suitable fire guard to protect young children and the infirm.

= Hot Surface



APPLIANCE WILL NOT LIGHT

If you cannot light the appliance:

Check and change the batteries in the remote handset.

Check and change the appliance batteries.

Consult your Gazco retailer or installer if the appliance still does not light.

SERVICING

STOVAX GAZCO
SERVICE & SUPPORT
ENGINEER TEAM

Servicing and Support
To keep your appliance looking and performing at its best, it must be serviced annually. This service must be undertaken by a suitably qualified individual and your retailer can organise this for you. Alternatively, Gazco offer a manufacturers premium service with our friendly team of qualified engineers which can be booked at
www.gazco.com/support

In all correspondence always quote the Model number and the Serial number which may be found on the Commissioning Checklist

INSTALLATION

SAFETY PRECAUTIONS

For your own and other's safety, you must install this appliance according to local and national codes of practice. Failure to install the appliance correctly could lead to prosecution. **Read these instructions before installing and using this appliance.**

These instructions must be left intact with the user.

Do not attempt to burn rubbish on this appliance.

Keep all plastic bags away from young children.

Do not place any object on or near to the appliance and allow adequate clearance above the appliance.

IF THE APPLIANCE IS EXTINGUISHED OR GOES OUT IN USE, WAIT 3 MINUTES BEFORE ATTEMPTING TO RELIGHT THE APPLIANCE.

The appliance is fitted with an oxygen sensitive pilot that will act to cut off the gas supply to the appliance in the event of incorrect operation of the flue.
If the system acts to shut off the gas supply, this indicates that there is insufficient flue pull. Continued operation of this safety device means that there may be a serious problem with the flue system, and this should be inspected by a qualified gas engineer.
Do not use the appliance until an engineer says it is safe to do so.
The oxygen sensitive pilot must not be tampered with. Use only genuine Gazco replacement parts when servicing the appliance - refer to Servicing section.

There are three main suitable Conventional Flues:

— Top Exit - Builder's Opening Lined 127mm (5")

— Rear Exit - Builder's Opening Unlined 178m (7") minimum

— Stud work is Top Exit only - Rigid Twin Wall Flue Pipe 127mm (5")

IMPORTANT: REFER TO DATA BADGE AND TECHNICAL SPECIFICATION AT THE FRONT OF THE MANUAL TO ENSURE THE APPLIANCE IS CORRECTLY ADJUSTED FOR THE GAS TYPE AND CATEGORY APPLICABLE IN THE COUNTRY OF USE.

UNPACKING

Remove the appliance from its packaging, and check that it is complete and undamaged.

Put the loose ceramic parts to one side so that they are not damaged during installation.

INSTALLATION OF THE APPLIANCE

This appliance can be installed in four different ways:

1) Builder's opening with an Edge finish.
2) Builder's opening with a decorative front.
3) Studwork with an Edge finish.
4) Studwork with a decorative front.

FLUE & CHIMNEY REQUIREMENTS

WHEN INSTALLING A FLUE SYSTEM PLEASE REFER TO THE MANUFACTURER'S INSTRUCTIONS.
The European chimney standards now describe chimneys and flues by their temperature, pressure and resistance to corrosion, condensation and fire. To identify the correct flue system, the minimum flue specification is shown in the Technical Specification. Existing chimneys are not covered by this system.

The flue must be installed in accordance with all local and national regulations and the current rules in force:

The chimney or flue system must comply with the rules in force, and must be 127mm (5") in diameter.

A flexible liner must be continuous from the appliance spigot to the roof terminal.

The minimum effective height of the flue must be 3m (10').

The flue must be free from any obstruction.

Any damper plates must be removed or secured in the fully open position and no restrictor plates fitted.

The chimney should be swept immediately before installing the appliance, but it need not be swept if you can see the chimney is clean and free from obstruction throughout.

TIMBER FRAMED BUILDINGS

It will be necessary to provide additional clearance when the flue passes through a wall containing any combustible materials so as to prevent a fire hazard.

The hole through which the flue will pass, must have a steel sleeve which is positioned so that an air gap of at least 25mm is maintained between the outer surface of the flue, and any part of the sleeve.

For further guidance on the installation of gas appliances in timber framed buildings, contact your local buildings control authority.

GAS SUPPLY

This appliance is intended for use on a gas installation with a governed meter.

Make sure local distribution conditions (identification of the type of gas and pressure) and the adjustment of the appliance are compatible before installation.

Ensure the gas supply delivers the required amount of gas and is in accordance with the rules in force.

Soft copper tubing can be used on the installation and soft soldered joints outside the appliance and below the firebed.

A factory fitted isolation device is part of the inlet connection; no further isolation device is required.

ALL SUPPLY GAS PIPES MUST BE PURGED OF ANY DEBRIS THAT MAY HAVE ENTERED PRIOR TO CONNECTION TO THE APPLIANCE.

The gas supply enters through the silicone panel located on the REAR of the outer box. Slit with a sharp knife prior to passing the supply pipe through.

The gas supply must be installed in a way that does not restrict the removal of the appliance for servicing and inspection.

VENTILATION

IMPORTANT: Ensure any national ventilation requirements are taken into account during installation of the appliance.
UK ONLY:

The appliance has a nominal input exceeding 7.0kW and must have permanent ventilation with a minimum open area of 22.4cm^2.

If however, spillage is detected when commissioning the appliance, there may be insufficient natural ventilation and additional ventilation may be required.

FOR THE REPUBLIC OF IRELAND REFER TO THE RULES IN FORCE FOR VENTILATION REQUIREMENTS.

FLUE OPTIONS

There are three main suitable Conventional Flues:

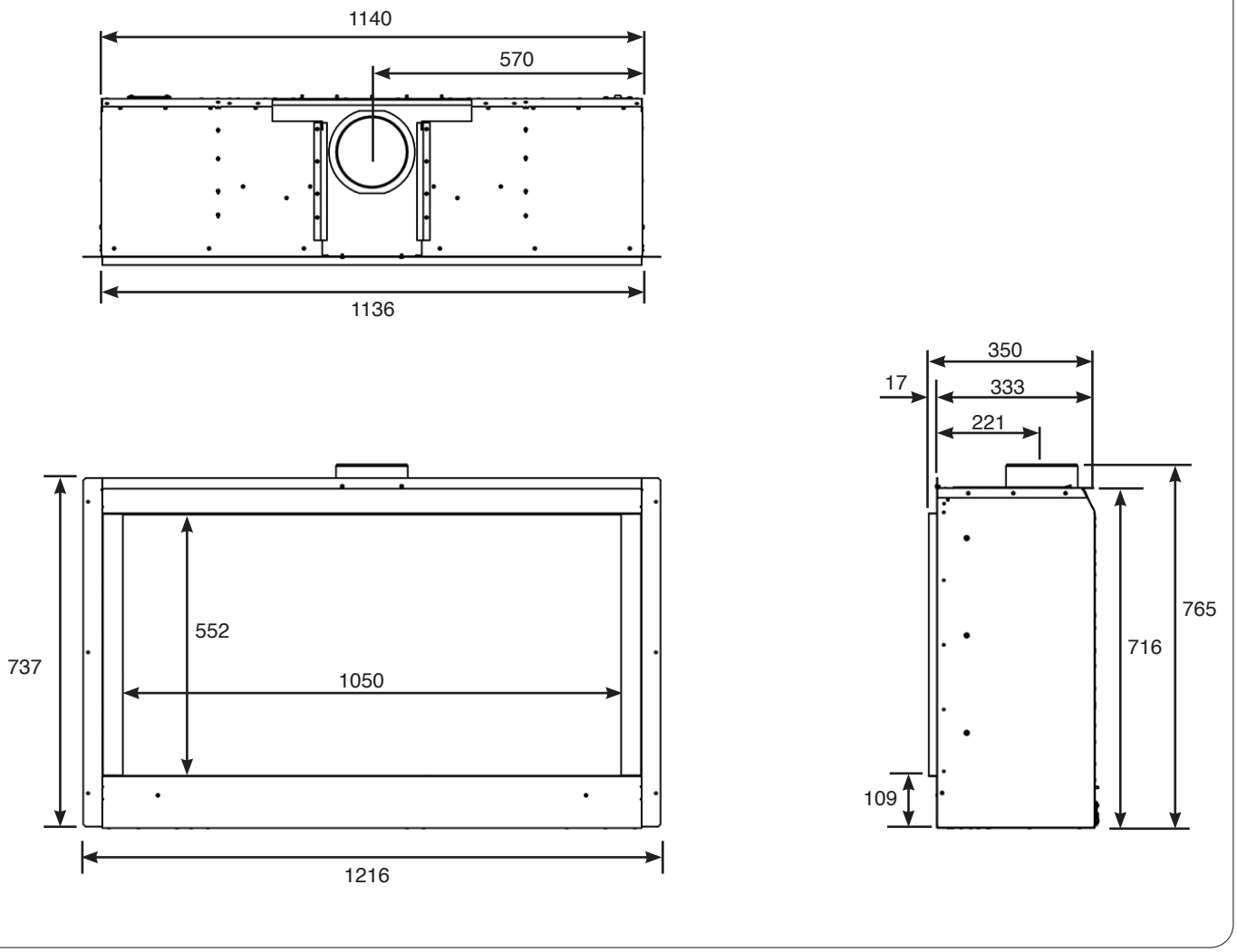
- **Top Exit - Builder's Opening Lined 152mm (6")**
- **Rear Exit - Builder's Opening Unlined 178m (7") minimum**
- **Stud work is Top Exit only - Twin Wall Rigid 152mm (6")**

TECHNICAL SPECIFICATION

This appliance has been certified for use in countries other than those stated. To install this appliance in these countries, it is essential to obtain the translated instructions and in some cases the appliance will require modification. Contact Gazco for further information.

PACKING CHECKLIST

Qty. Description	Fixing kit containing
1 x Cassette assembly 1 x Burner assembly 1 x Set of lining panels 1 x Log set 1 x Large Ember 1 x Pilot Ember 2 x Small Embers 1 x Shale Effect pack 1 x Amber Effect pack	1 x Instruction manual 6 x Woodscrews 6 x Wall plugs 1 x Self adhesive foam strip 1 x Handset 2 x AAA cell batteries 1 x Quick Start Guide



All dimensions in mm. (25.4 mm = 1")

TECHNICAL SPECIFICATION

Covering the following models:

	Reflex 105
Nat Gas	191-133
LPG	191-601

Model	App. Cat.	Gas Type	Working Pressure	Gas Rate m^3/h	Input kW (Gross)		Country
					High	Low	
Reflex 105	I_{2H}	Nat Gas G20	18mbar	1.336	14.0	6.6	GB, IE
Reflex 105	I_{3+}	LPG G31	37mbar	0.528	13.7	5.5	
Efficiency Class 2 - 76% / NO_X Class 4							
Flue Size - TOP EXIT Ø 152mm (6")							
Gas Inlet Connection Size Ø 8mm							
Minimum Flue Specification = T250/N2/0/D/1							
Maximum Flue Temp = 270°C							

Power Supply: A 230V +/- 10% - 50Hz
Maximum power consumption: 9 Watts
Operating Temperature: 0°C - 25°C

THIS APPLIANCE MUST BE EARTHED

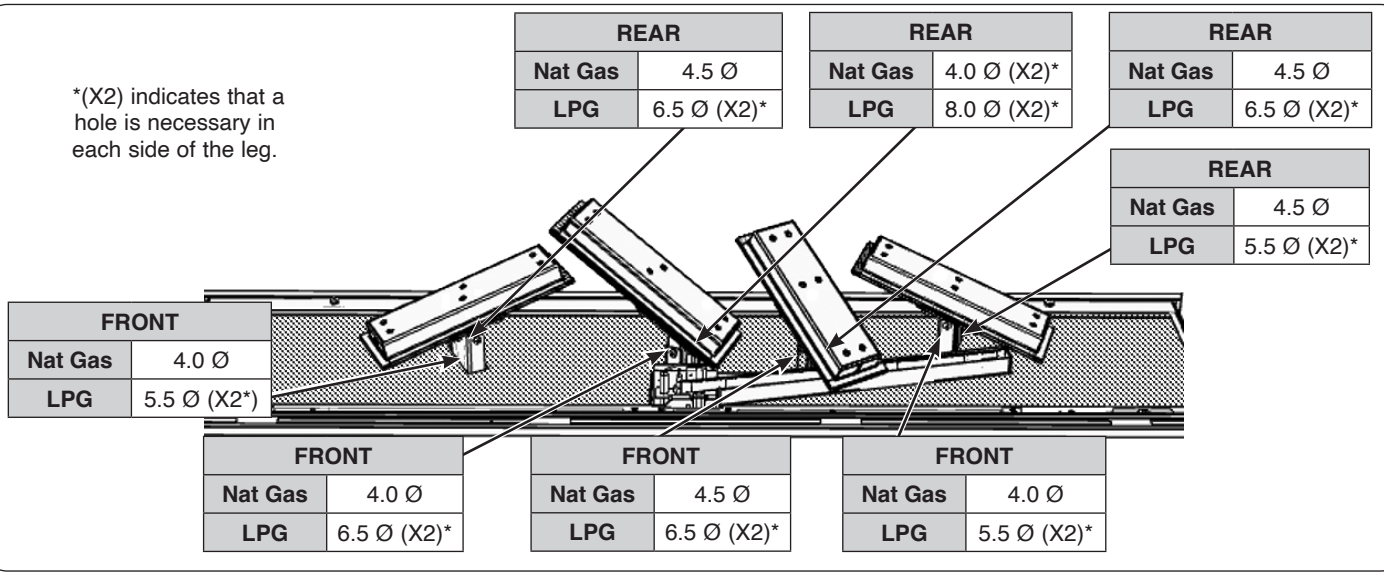
A 2 metre lead with plug containing a 3 amp fuse is supplied. Only use a 3 amp fuse with this appliance.

The net efficiency of this appliance has been measured as specified in EN613:2001 and the result after conversion to gross using the appropriate factor from Table E4 of SAP 2012 is 68.5% The test data has been certified by Kiwa Nederland BV. The gross efficiency value may be used in the UK Government's Standard Assessment Procedure (SAP) for energy rating of dwellings.

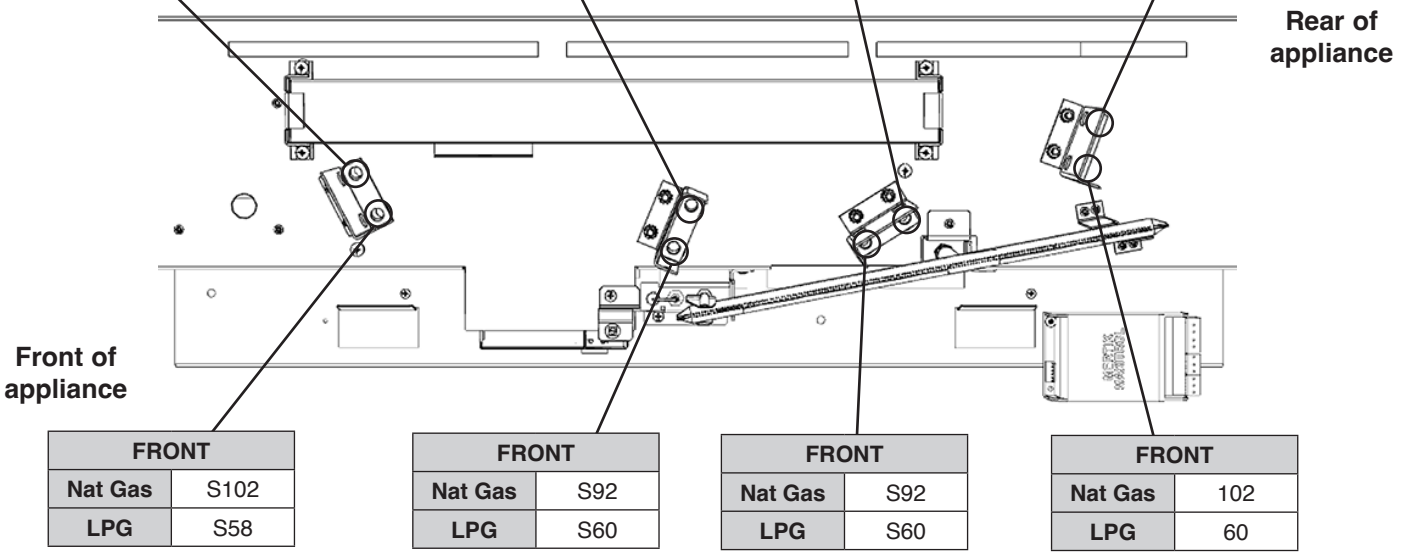
AERATION TABLE

NOTE: Aeration Holes are in each leg of the burners. These holes are different sizes at the Front and Back for each individual leg.

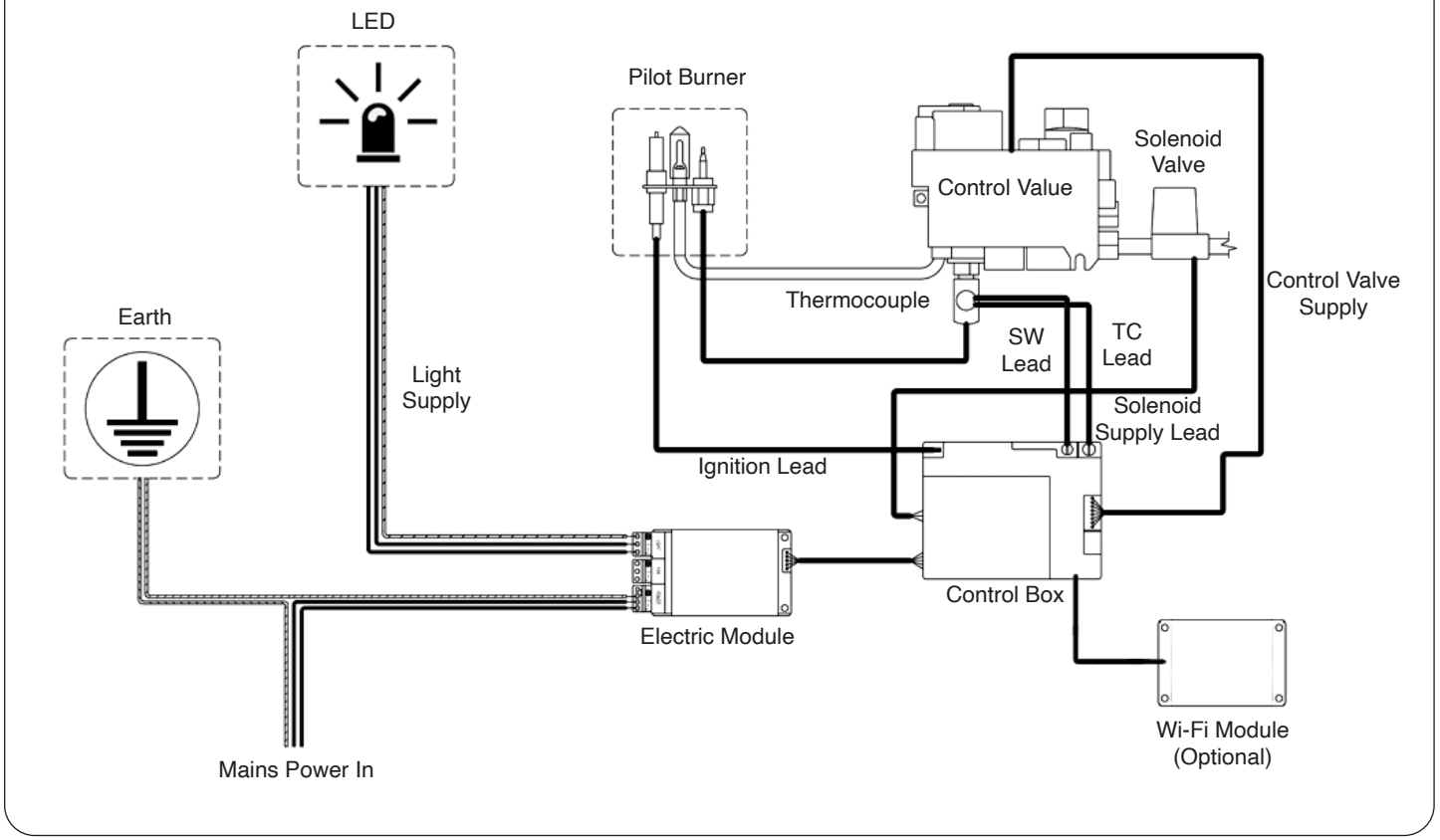
*(X2) indicates that a hole is necessary in each side of the leg.



INJECTOR TABLE



Wiring Diagram



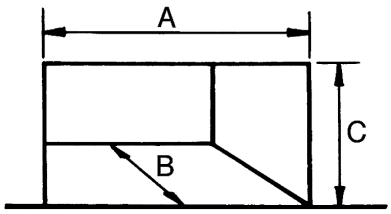
SITE REQUIREMENTS

APPLIANCE LOCATION

If fitting this appliance with a decorative frame it cannot be installed with the base of the appliance less than 150mm from the floor level. The frame requires a minimum clearance to allow air to circulate.

If this appliance is fitted less than 225mm from the floor, then it will require a hearth to protect the floor. The hearth should have a minimum dimension of 12mm thick, projecting 225mm in front and 150mm either side of the appliance.

The minimum opening dimensions are shown in Diagram.

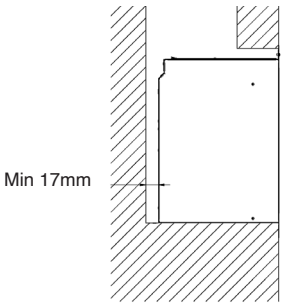


DIMENSION	REFLEX 105
A	1160mm
B	350mm
C	765mm

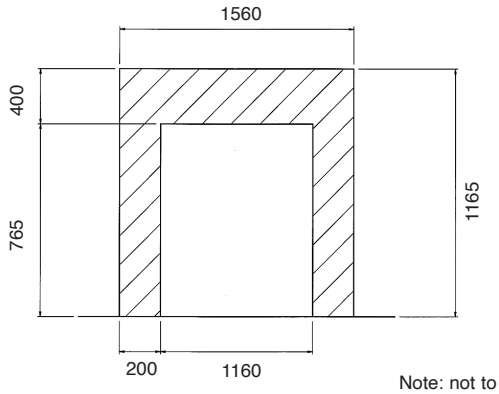
This appliance must not be installed in a room that contains a bath or shower.

NOTE: If using natural materials for the back panel of the fireplace, it is recommended that it is constructed from three or more sections to prevent cracking. Resin based materials may not be suitable. This appliance is an effective heat producer and attention must be paid to the construction and finish of the fireplace.

When the appliance is installed in a masonry chimney without a liner, there must be a minimum debris collection area, see Diagram.



This appliance is not suitable for installation onto a combustible wall; all combustible materials must be removed from the area shown in Diagrams.



Note: not to scale

Decorative Surround

If fitting this appliance with a decorative surround refer to separate installation instructions supplied with the Surround.

NOTE: WHEN INSTALLING THIS APPLIANCE USING THE 'EDGE' OPTION IT IS RECOMMENDED THAT THE WALL IS FINISHED WITH EITHER SLIPS OR TILES MANUFACTURED FROM STONE OR SIMILAR NATURAL MATERIALS. IF SUCH MATERIALS ARE USED IT IS RECOMMENDED THAT THEY ARE CUT INTO FOUR OR MORE SECTIONS TO PREVENT CRACKING.

RESIN BASED MATERIALS (EG MICRO MARBLE) ARE NOT USUALLY RECOMMENDED DUE TO THE EFFECT OF HEAT ON RESINS. HOWEVER THEY CAN BE USED IF THEY HAVE BEEN MANUFACTURED FOR USE AT ELEVATED TEMPERATURES WITHOUT PRODUCING ANY ODOURS OR STAINING.

STUDWORK INSTALLATION

If a studwork installation is used (eg. wooden framework and plasterboard), combustible parts of the studwork must not be any closer than the minimum dimensions shown in the diagrams. **NOTE: These dimensions must be maintained even if the combustible materials is protected by non-combustible linings.**

Do not pack the void around or above the appliance with insulation materials such as mineral wool.

The void built for the cassette must be ventilated to prevent a build-up of heat. Vents must be fitted at both high and low levels of a minimum of 200cm² each. These vents must take cold air from the room and return warm air back into the room.

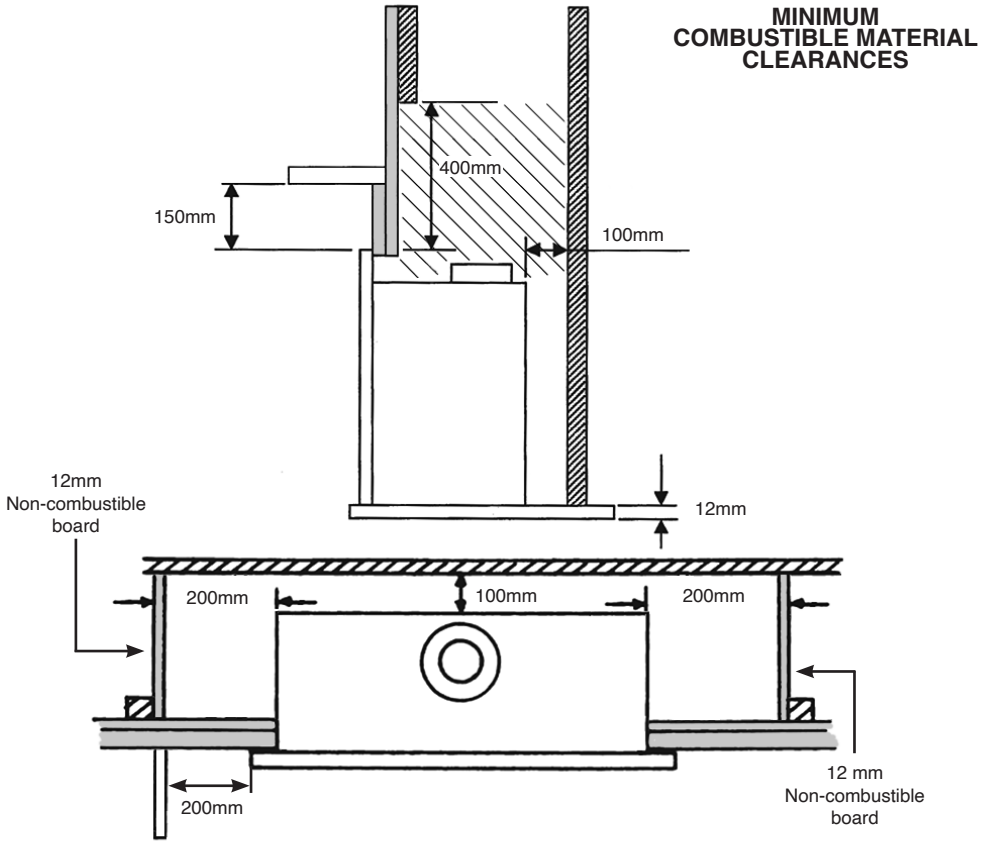
A removable access hatch must be left in the side of the chimney breast for future servicing and inspection of the appliance.

Build the studwork chimney breast to the desired size. Ensure that the clearances to combustible materials is maintained.

A combustible shelf must be:
- Maximum 150mm in depth.
- Minimum 150mm high above the appliance.

A combustible side wall must be a minimum of 200mm from the appliance.

PROTECT THE NEAREST STUDWORK WITH NON-COMBUSTIBLE MATERIAL AND MAINTAIN THESE DIMENSIONS AT ALL TIMES, SEE DIAGRAM.



It is recommended that a marble slip or similar material is used when fitting cassette fireplaces into a plastered surface, in order to allow for heat dissipation. Also allow adequate time for newly plastered areas to dry out. Rapid drying can create cracks. If in doubt, seek the advice of a professional plasterer.

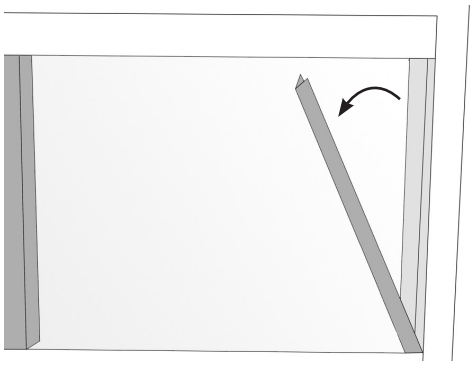
Parts of this appliance become hot during normal use. It is therefore recommended that a suitable fire guard be used for protection of young children and the infirm.

PRE-INSTALLATION

REMOVING THE GLASS FRAME

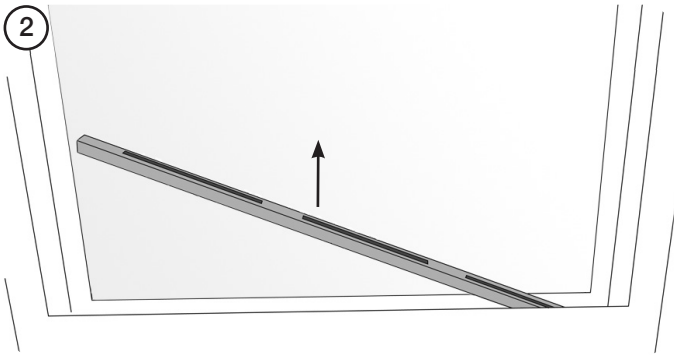
Remove the glass door by removing the 2 side trims. These are held on by magnets.

1



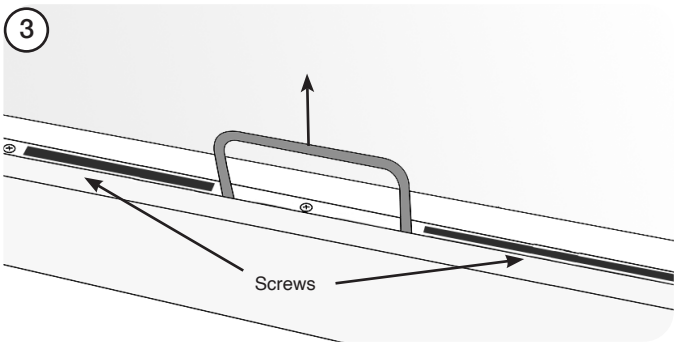
Lift out the bottom slotted trim.

2



Remove the 2 screws at the base of the door.

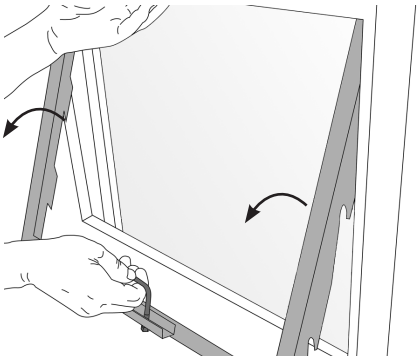
3



Pull up the handle at the front.

Whilst supporting the top, lift the door using the handle, up and over the lower edge.

4



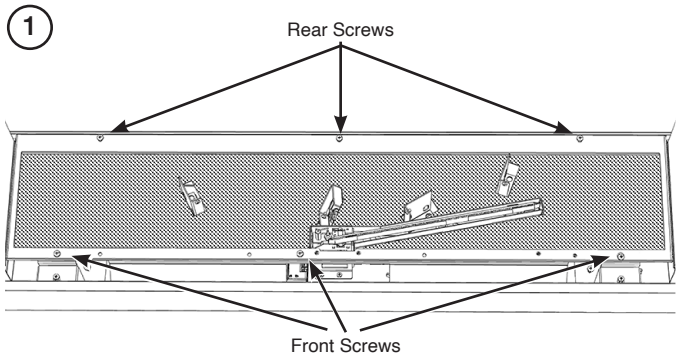
Remove the 2 boxes from the appliance and store safely as they contain the Log Burners and fuel effects.

REMOVING THE MAIN CONTROL ASSEMBLY

The Main Control Assembly will need to be removed to install the gas supply.

Remove the 3 screws from the front of the Mesh Tray.

1



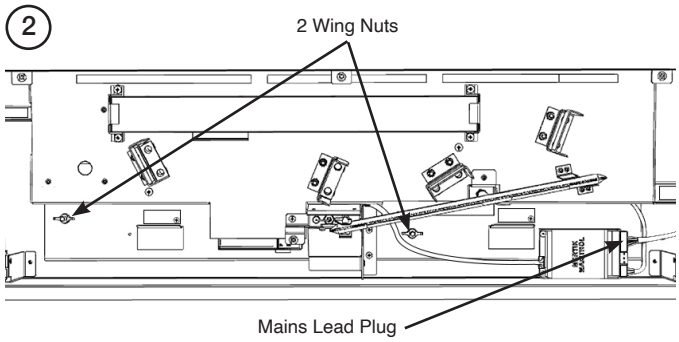
Remove the 3 screws at the rear of the Mesh Tray.

Slide the Mesh Tray forward slightly and carefully lift over the Log Burner Brackets, Pilot and Cross Lighter.

Remove through the front of the appliance.

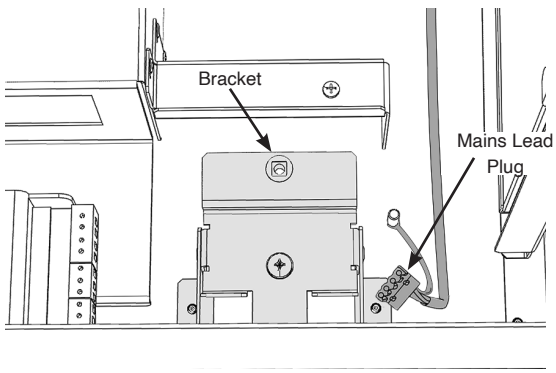
Disconnect the Mains Lead Plug from the Module.
DO NOT REMOVE THE WIRES FROM THE PLUG.

2



Place the Mains Lead to the side of the right hand bracket to avoid damage

3



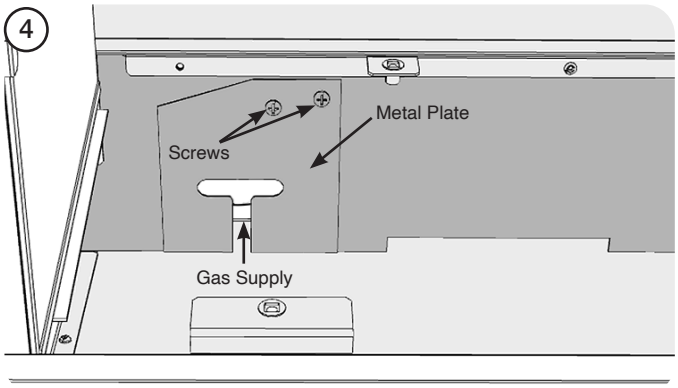
Undo the 2 wing nuts.

Lift and slide the Main Control Assembly slightly to the right and remove through the front of the appliance. Place carefully to one side.

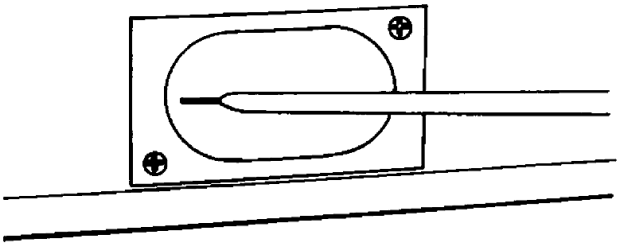
To install the gas supply:

Undo the screws to remove the metal plate from the back of the appliance. This will need to be replaced during installation.

4



The gas supply enters through the Silicone Panel located on the left-hand rear of the outer box; this will need to be slit with a sharp knife prior to passing the supply pipe through.



Note: The Isolation Elbow needs to be attached to the gas pipe before installation.

INSTALLATION

FLUE ASSEMBLY

All flue installations must be constructed in accordance with the rules in force.
UK - Building Regulations: Approved Document J.

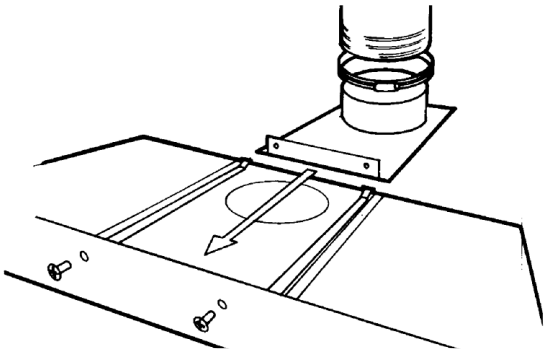
For additional information please refer to Site Requirements section.

Options 1 and 2 above can be:

— Top exit with a liner - 6" (152mm)
— Rear exit without a liner - 7" (178mm) minimum

The appliance is supplied with a flue fixing plate to attach the flue liner to the appliance within the aperture.

Locate the flue liner in position and place the flue securing clip over the liner, push the end of the liner over the outside of the spigot and secure by tightening the securing clip.



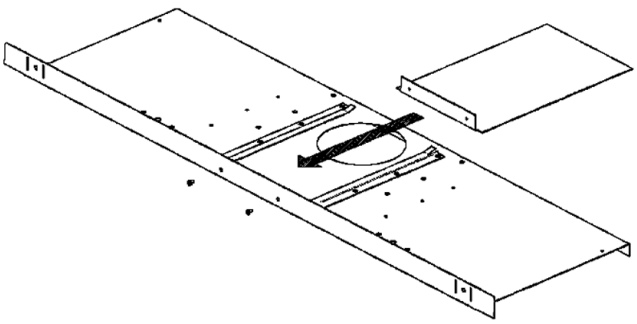
Place the liner in its final position ensuring that the sliding flue plate rests at the correct height in the opening, and that the front flange of the plate rests against the outside face at the top of the opening.

When installing the appliance into a masonry chimney without a liner, it must be converted to a rear exit.

Remove the 2 fixing screws securing the spigot assembly.

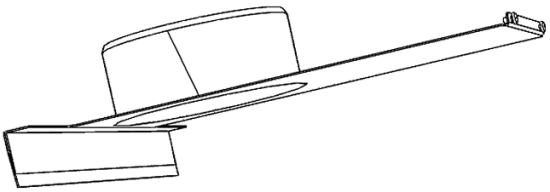
Slide the blanking plate into the guides.

Replace the 2 fixing screws.



The flue must be in good condition and clear products of combustion, see Installation Instructions, Commissioning.

If a flexible liner is to be used check the seal on the inner lip of the spigot plate is intact. Replace if necessary.



Options 3 and 4 (Studwork with Edge finish or decorative front) must be fitted using the top exit only with rigid twin wall flue pipe.

MASONRY CHIMNEY INSTALLATION

Carefully read the relevant section for the installation method required.

This appliance is designed so that non-combustible board can be taken right up to the edge of the flange.

NOTE: THE FLANGE EDGE HAS A DEPTH OF 17MM. USE MATERIAL OF A SUITABLE THICKNESS TO CREATE A FLUSH FINISH.

It is necessary to be able to disconnect the appliance from the mains electrical supply after installation. This may be achieved by an accessible plug or by incorporating a switch into the fixed wiring in accordance with the rules in force.

EDGE FINISH INSTALLATION

This method is designed so that non-combustible board can be taken right up to the edge of the flange of the appliance.

Fix the self adhesive foam seal around the back of the fixing flange of the appliance.

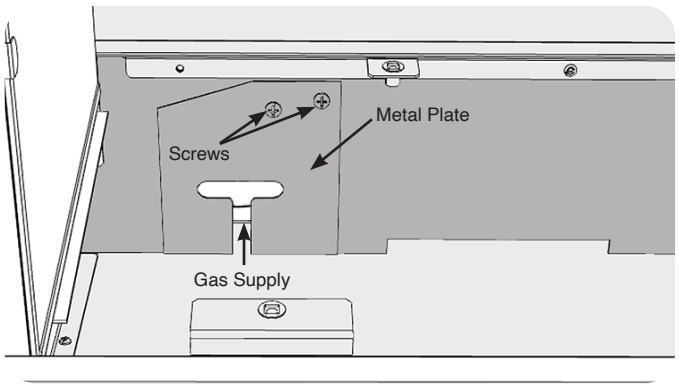
Prepare the flue connection using the chosen method described on page 21.

Connect the flue and install the appliance into the aperture.
At the same time ensure that the gas pipe passes through the silicon panel at the back of the appliance.

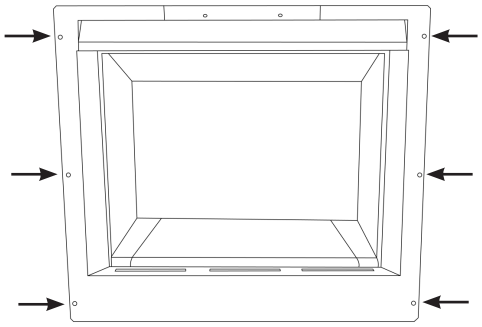
Provide electric services into the void on the right hand side.

It is necessary to be able to disconnect the appliance from the mains electrical supply after installation.
This may be achieved by an accessible plug or by incorporating a switch into the fixed wiring in accordance with the rules in force.

Slide the metal plate, previously removed, over the gas pipe and secure with a screw.

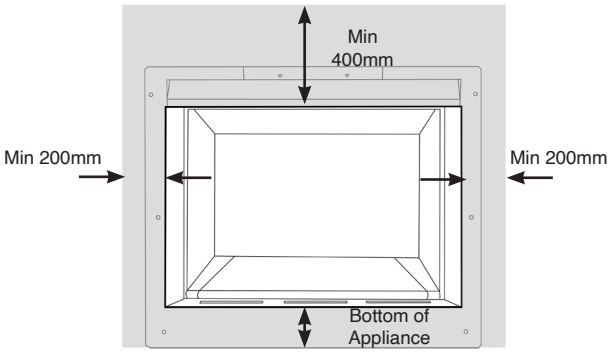


Secure the appliance through the 6 fixing holes using the screws provided, see Diagram.



Build the chimney breast up to coincide with the edge, allowing for the front to be skimmed level.

Fit non-combustible board to the chimney breast around the appliance, using the distance to combustibles detailed in Diagram.



Fit plasterboard to the remaining of the chimney breast front.

Apply a heat resistant plaster around the appliance using the distance to combustibles detailed in Diagram.

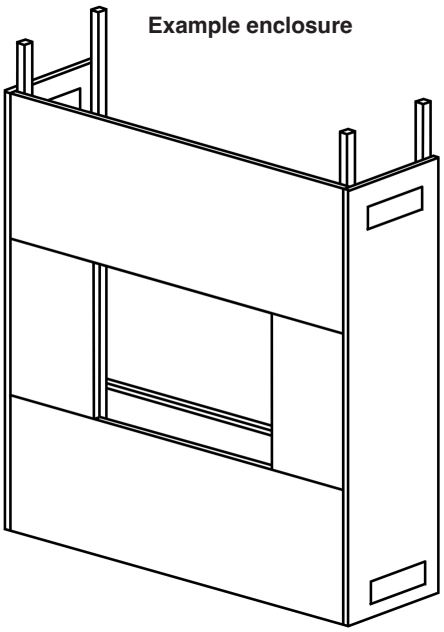
Apply a plaster finish to remaining chimney breast front.

If installing a decorative surround or front refer to separate installation instructions.

The subframe for the decorative front can now be fitted by following the instructions supplied with the Front.
NOTE: THE SUBFRAME MUST SIT FLUSH TO THE WALL LEVEL WITH THE APPLIANCE FLANGE.

STUDWORK ENCLOSURE CONSTRUCTION

Example enclosure



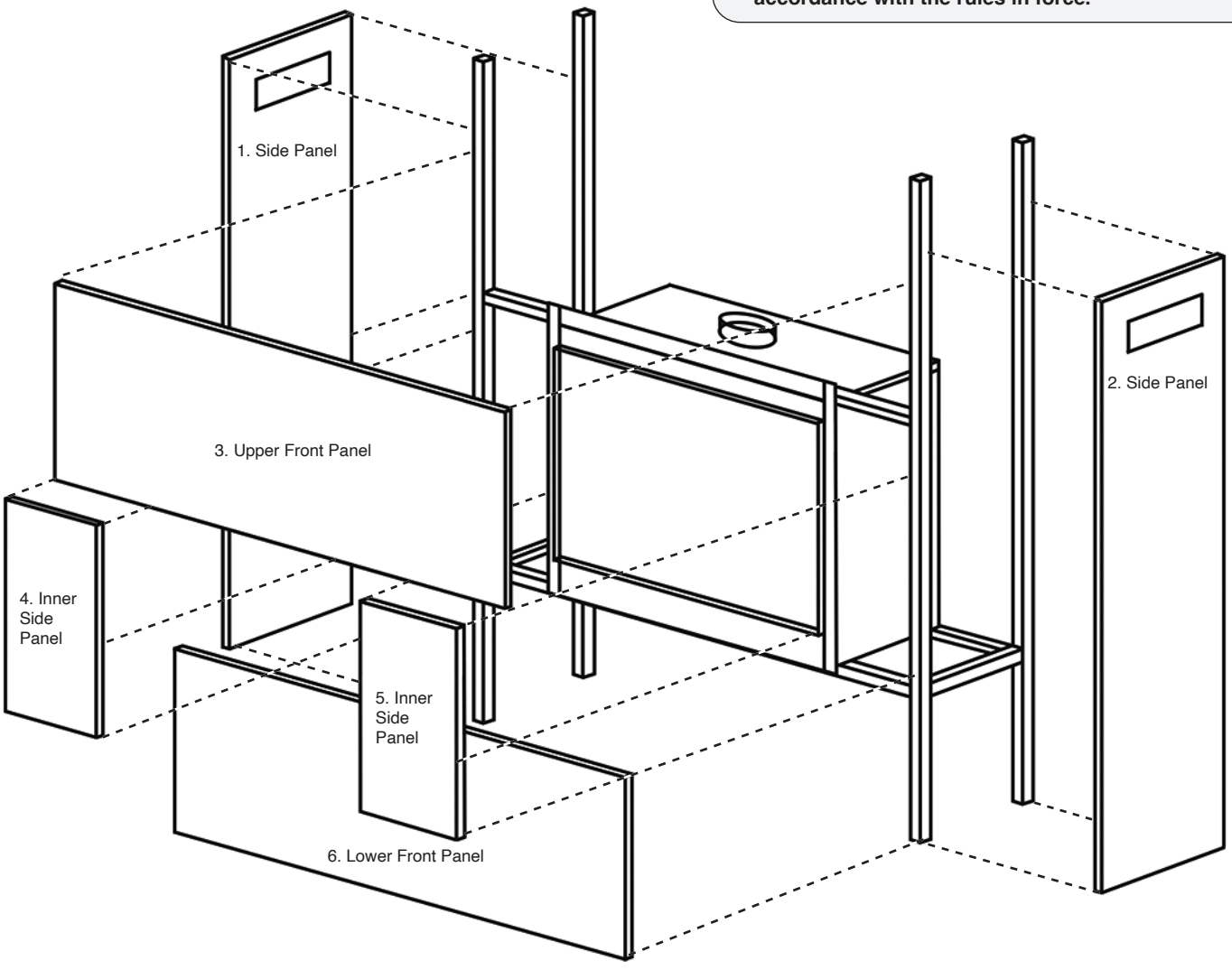
VENTILATION:
The void into which the cassette is fitted must be ventilated to prevent a build up of heat. If the void is sealed then it will be necessary to fit high and low level vents on both sides of the enclosure with a minimum vent size of 200cm2 open free area each. These vents should take cold air from the room and return warm air back into the room.

Gazco recommend building the enclosure from the following materials:

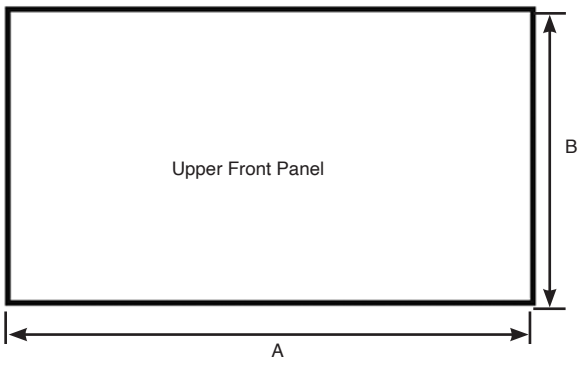
Metal Studwork
Non-combustible board:
Masterboard or Promafour - NOT PINK BOARD
Heat Resistant Plaster: Purimacho (any spider cracks that develop after installation will need to be rubbed down and refilled with Purimacho heat resistant filler to stablise).

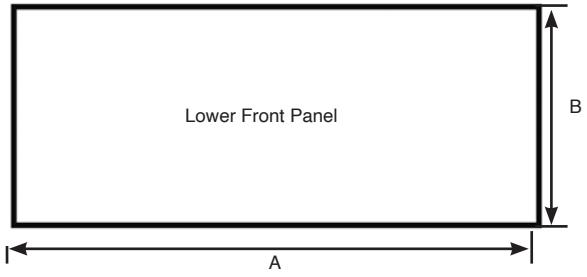
Ensure all distances to combustible materials are maintained

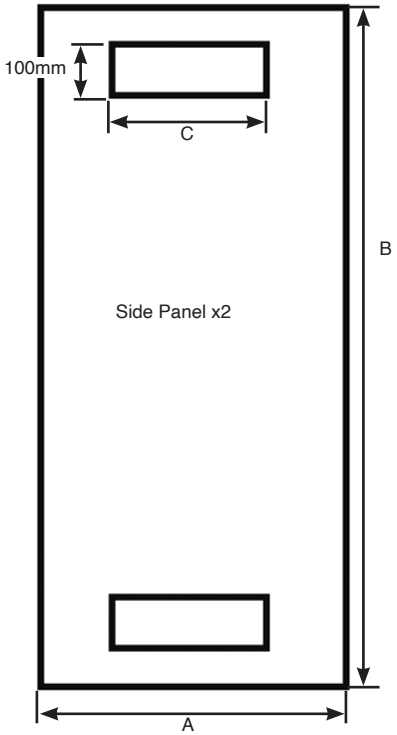
It is necessary to be able to disconnect the appliance from the mains electrical supply after installation. This may be achieved by an accessible plug or by incorporating a switch into the fixed wiring in accordance with the rules in force.

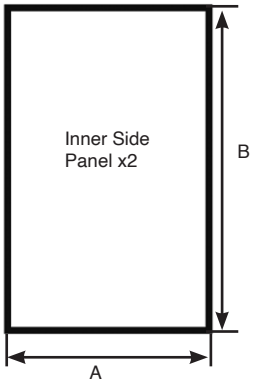


CUTTING TEMPLATES







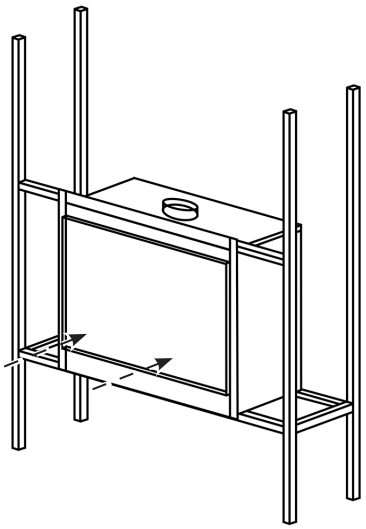


PANEL	A (MIN)	B (MIN)	C
Upper Front Panel	1540mm	473mm	-
Lower Front Panel	1540mm	109mm	-
Side Panel	450mm	1116mm	200mm^2
Inner Side Panel	200mm	552mm	-

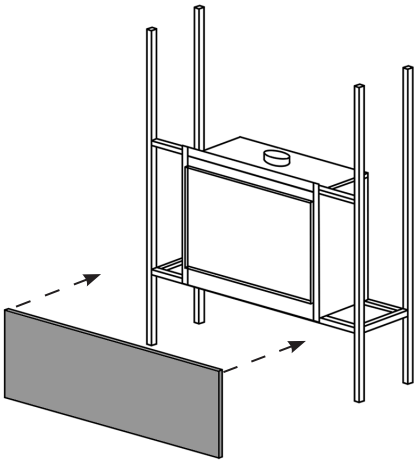
NOTE: THE FLANGE EDGE HAS A DEPTH OF 17MM. USE MATERIAL OF A SUITABLE THICKNESS TO CREATE A FLUSH FINISH.

EDGE FRAME INSTALLATION

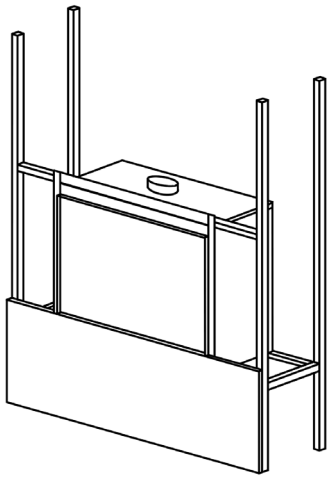
1



2



3



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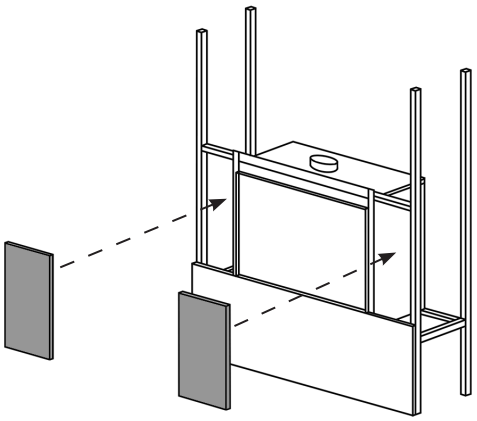

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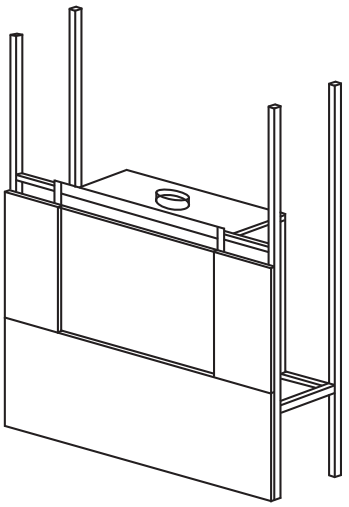

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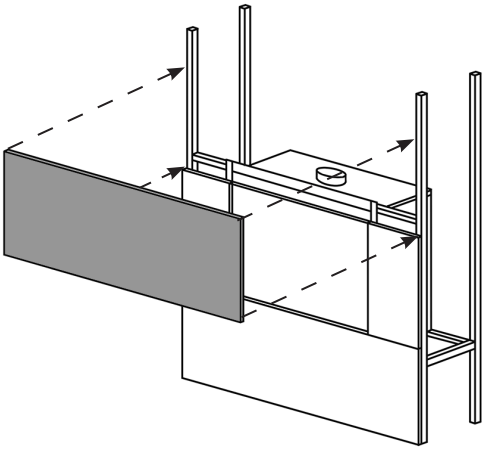
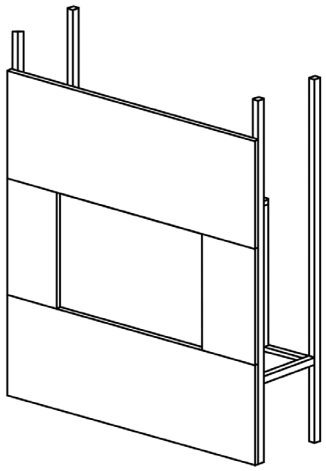


EDGE FRAME INSTALLATION

7



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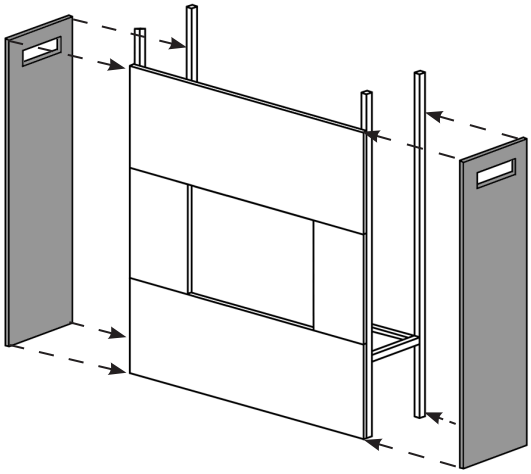

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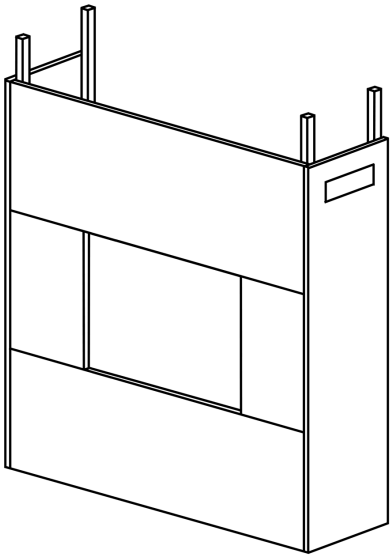
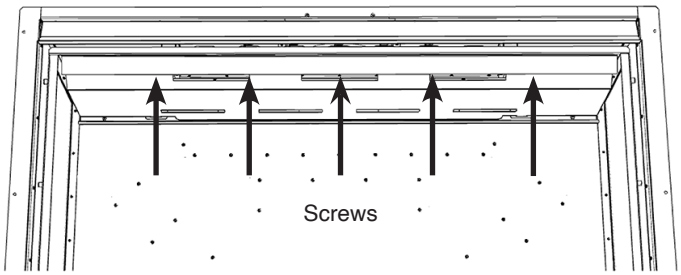


FITTING THE LINERS

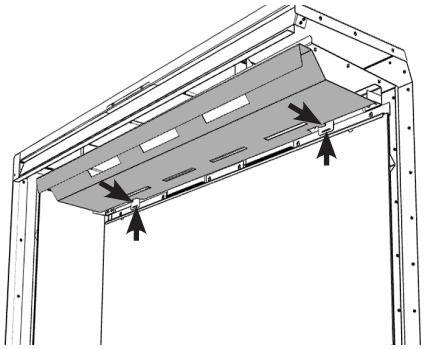
BAFFLE

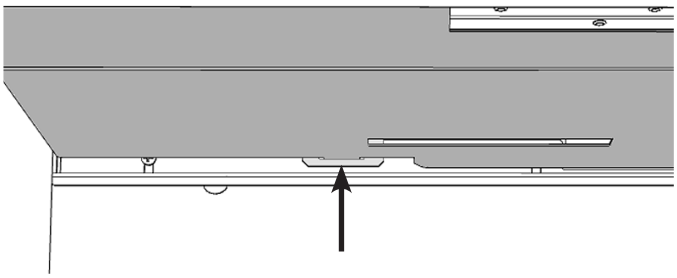
To do this undo the 5 screws securing it to the roof of the firebox.



The Baffle can now be removed by lowering the front edge and pulling forward through the front of the appliance.
TAKE CARE NOT TO DAMAGE THE SIDE PANELS.

When replacing the Baffle ensure that the 2 tabs fit into the slots either side of the rear liner bracket.

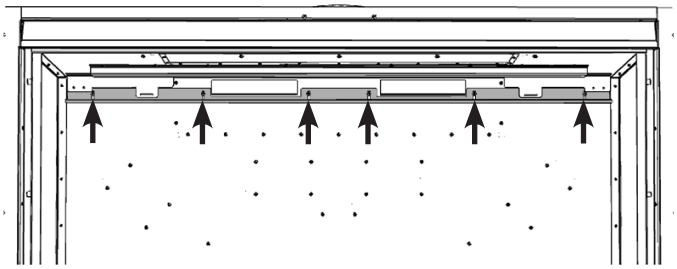




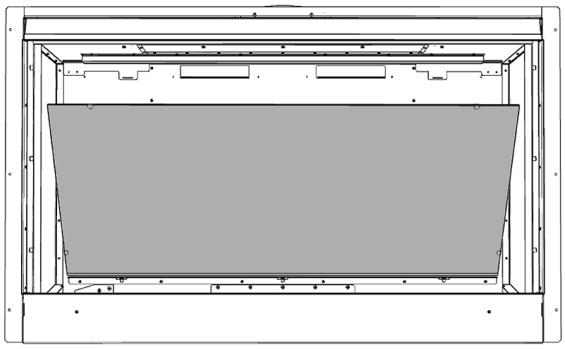
Fitting the Rear Liner

NOTE: The rear liner must be fitted before the side liners.

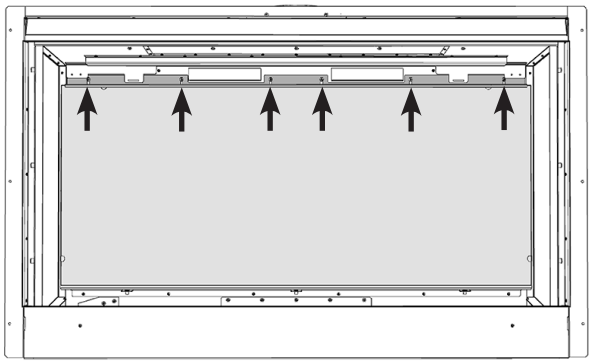
Remove the 6 screws securing the rear liner bracket to the back of the appliance.



Carefully place the bottom of the liner onto the rear liner lip and tilt upwards into position.



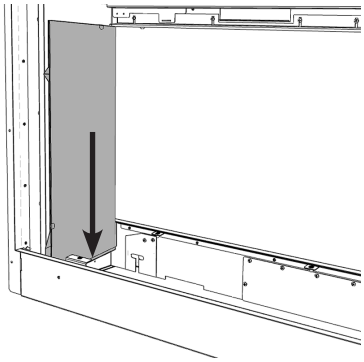
Secure the Rear Liner Bracket using 6 screws.



Fitting the Side Liners

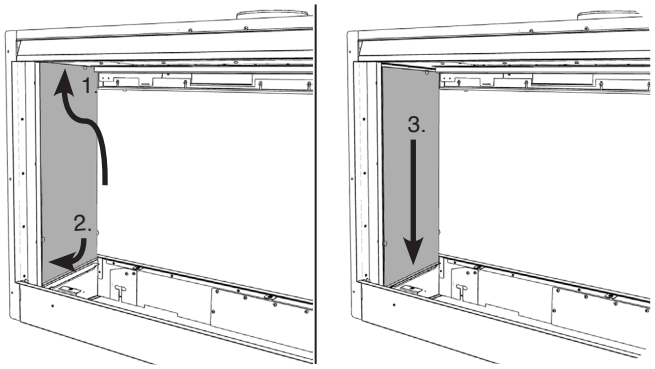
NOTE: The side liners must be fitted after the rear liner.

Carefully drop the bottom of the liner into the space below the side liner lip.

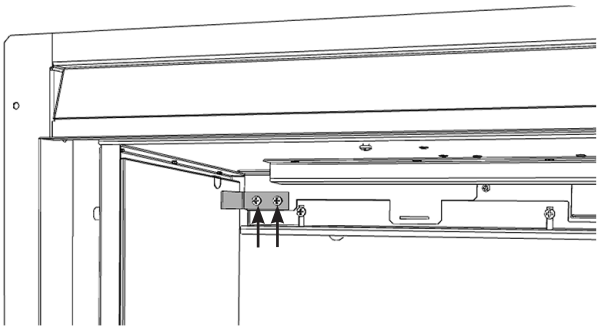


From this position:

1. Move the liner up into the top of the appliance (1).
2. Level (2)
3. Lower the bottom of the liner into the side liner lip (3).



Place the side liner bracket in position and secure in place with the 2 screws.



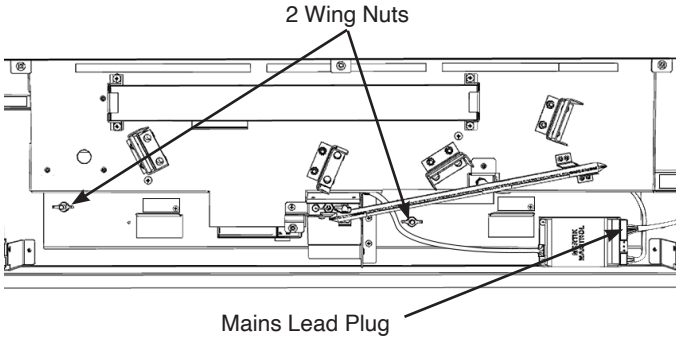
Repeat for the other side.

Replace the baffle.

FITTING THE MAIN CONTROL ASSEMBLY

Carefully lower the Main Control Assembly into the appliance and slide slightly to the left to engage with the studs.

Replace the 2 wing nuts, see Diagram.

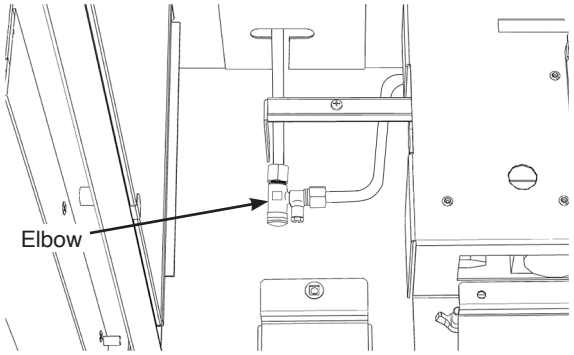


Reconnect the Mains Lead to the Module.

Connect power to the appliance.

GAS SOUNDNESS PRESSURE CHECK

Connect a suitable pressure gauge to the test point located on the inlet fitting. Turn the gas supply on.



Remove the fixing screws and loosely place the appropriate burners onto the injectors.

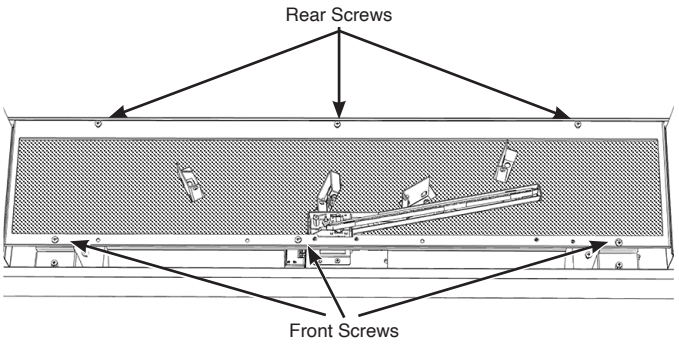
Light the appliance and check all gas joints for possible leaks. Turn the appliance to maximum and check that the supply pressure is as stated on the databadge. Turn the appliance off. Replace the test point screw and check the test point for leaks.

Remove the burners. Take care as the burners will be hot.

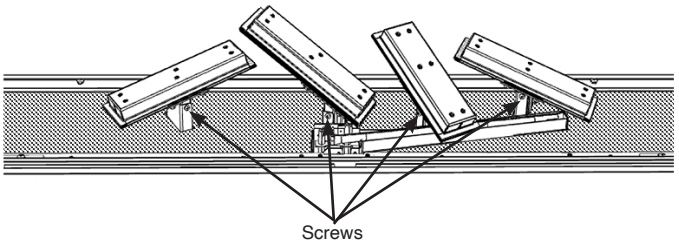
ASSEMBLING THE FUEL BED

Carefully lower the Mesh Tray over the Log Burner Brackets, Pilot and Cross Lighter. Adjust the Mesh Tray so all screw holes are aligned.

Replace the 3 screws at the front of the Mesh Tray and the 3 screws at the rear, see Diagram.



Position the far left hand Log Burner so that the right hand side is angled up towards the centre of the firebox and the screw hole is positioned at the front, see Diagram.



Position the centre right hand Log Burner so that the left hand side is angled up towards the centre of the firebox and the screw hole is positioned at the front.
NOTE: THIS BURNER IS SHORTER THAN THE OTHER THREE.

Position the centre left and far right Log Burners, so that the screw holes are positioned at the front.

Secure the burners with the 4 screws provided.
Only use M4x6 Screws to secure the burners.

NOTE: Some burners are pre-fitted with Aeration plates. These are non-serviceable and MUST NOT be altered.

ARRANGEMENT OF FUEL BED COMPONENTS

TAKE CARE NOT TO SPILL THE FUEL EFFECT INTO THE PILOT AREA.

ONLY GENUINE GAZCO PARTS CAN BE USED IN THIS APPLIANCE.

Use the majority of the supplied Amber Effect. It is not a requirement to use all of the supplied effect.

The Shale Effect is supplied as large pieces which will need to be broken into 2-3 smaller shards before placing onto the fuel bed. It is not necessary to use all the supplied Shale Effect.

LOG LAYOUT

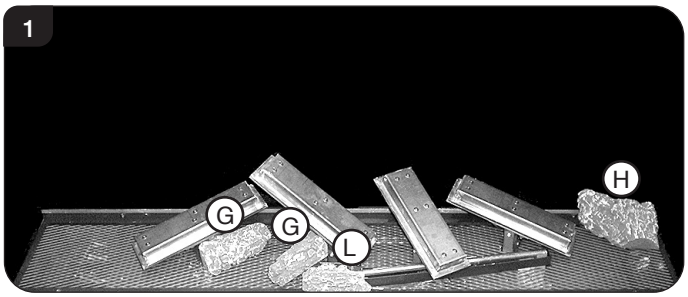
LOGS MUST BE POSITIONED ACCORDING TO THE FOLLOWING INSTRUCTIONS TO GIVE THE CORRECT FLAME EFFECT.

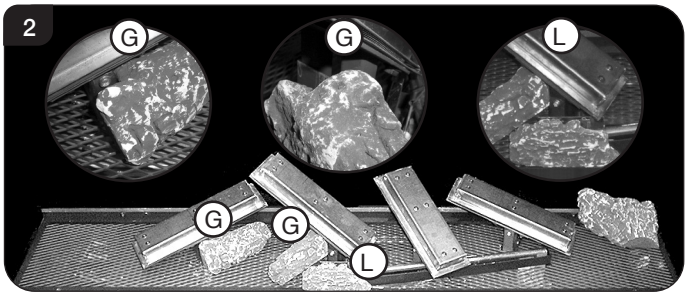
THE 4 BURNER LOGS MUST LOCATE CORRECTLY ONTO THE LOG BURNERS. ENSURE THE AMBER EFFECT DOES NOT CAUSE THE LOGS TO LIFT OFF THE BURNER.

Ensure the Burner Tray and Log Burners are clean and free from any debris.

The main components are clearly individually labelled.

Place the Large Ember H on the right hand side of the fuel bed.





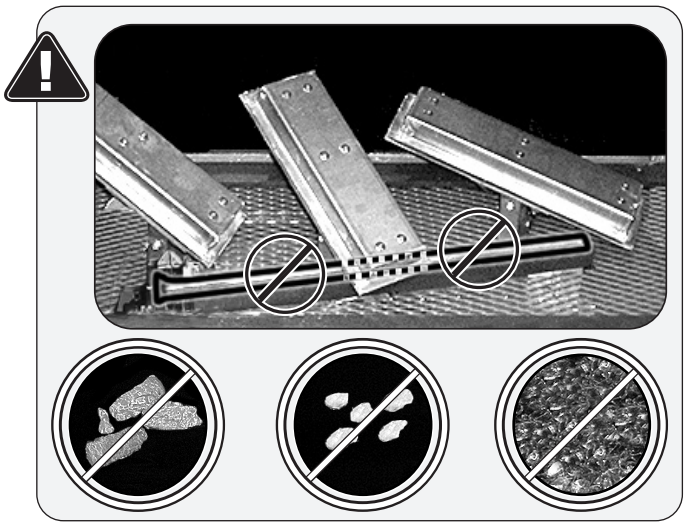
Place the cutout of Ember G against the left hand Log Burner bracket, in the position shown in Diagrams.

Place the cutout of the second Ember G against the centre left Log Burner bracket, in the position shown in Diagrams.

Place the cutout of Ember L around front of the Pilot.

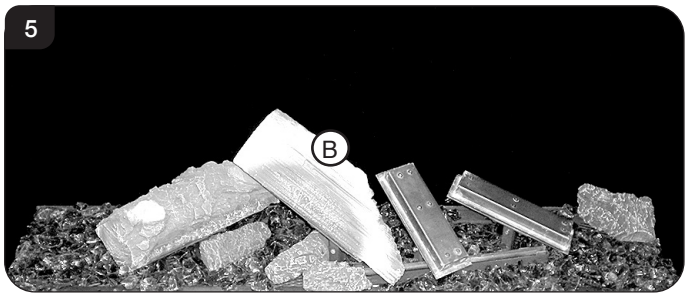
Evenly spread some of the amber effect across the mesh bed, leaving space under the lower edge of the Log Burners.

WARNING - DO NOT PLACE

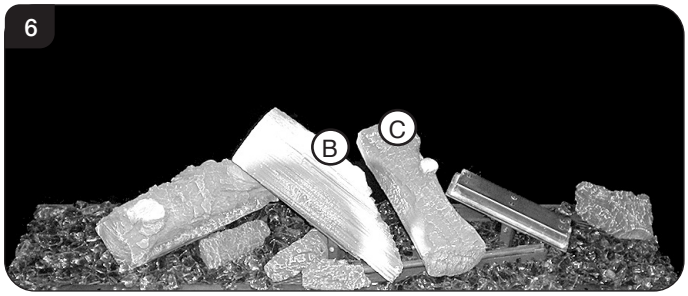


From the back carefully slide Log A under the left hand side of the centre Log Burner, see Diagram.

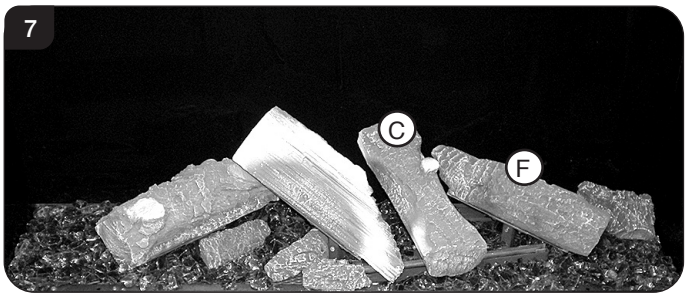
Place Log B on the centre left Log Burner in the position shown in Diagram.



Place Log C on the centre right hand Log Burner in the position shown in Diagram.

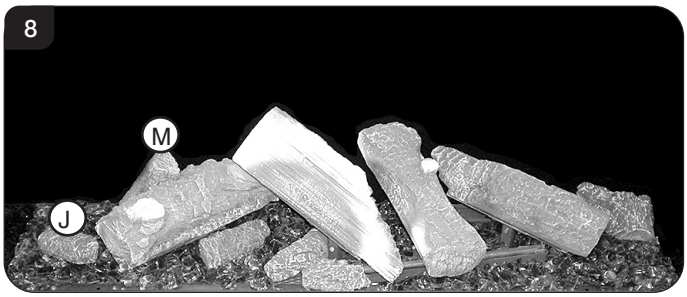


Place Log F on the right hand Log burner in the position shown in Diagram.

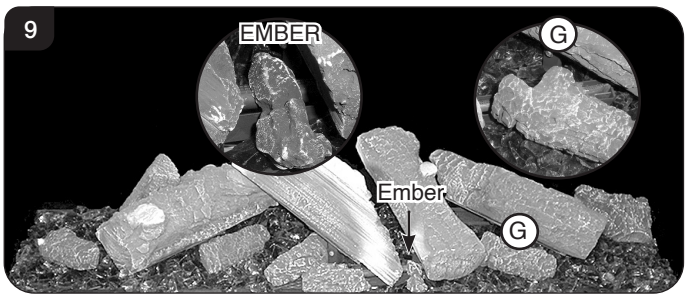


Place the Log M on the left hand side of the fuel bed with the right hand end positioned in the groove on Log A.

Position Large Ember J on the left hand side, leaving a gap between the ember and the side panel.



Place the cutout of final Ember G against the right hand Log Burner bracket, and the small ember between logs B & C.
DO NOT PLACE EMBERS OVER THE BURNER.



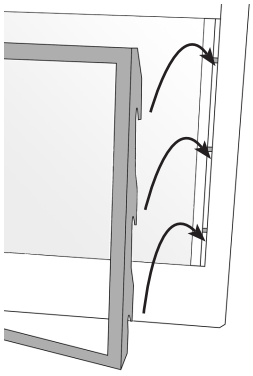
Spread the remaining amber effect between the logs and embers to cover the fuel bed.

Evenly spread a small amount of the shale effect across the mesh bed to fill any gaps.
It is not necessary to use all the supplied Shale Effect.

COMPLETION OF ASSEMBLY

Ensure that the rope seal on the back of the glass frame is intact.

To replace the glass frame, position so the hooks on the back of the frame fit over the side pins.



Push the handle down.

Replace the screws. As the screws are tightened the glass frame is pulled down against the hooks and forms a seal.
Replace ALL of the securing screws ensuring that a screw is present in all fixing slots.

UNDER NO CIRCUMSTANCES SHOULD THE APPLIANCE BE USED IF ANY OF THE GLASS FRAME RETAINING SCREWS ARE LOOSE OR MISSING.

Replace the lower trim.

Replace the 2 magnetic side trims.

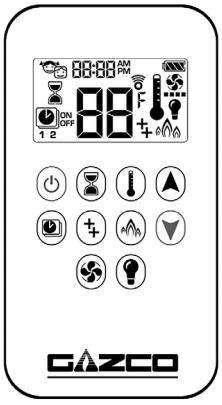
NEVER OPERATE THE APPLIANCE WHEN THE GLASS PANEL IS REMOVED OR BROKEN.

Replace the decorative front by referring to the separate leaflet supplied with the front.

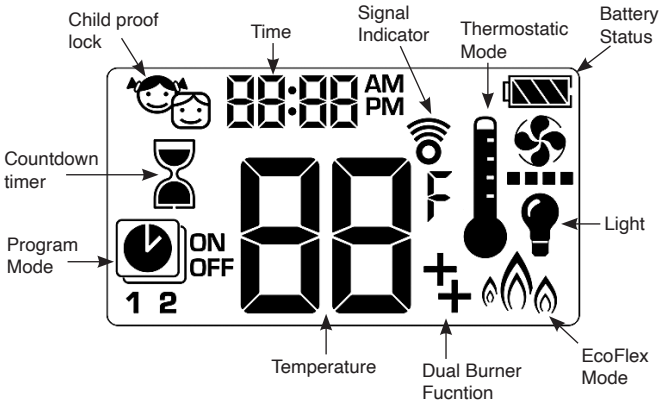
NOTE: ENSURE THAT THE LOGS ARE POSITIONED AS ABOVE. ONLY USE THE CORRECT AMOUNT OF LOGS AS SPECIFIED IN THE DIAGRAMS.

LIGHTING THE APPLIANCE

The appliance is operated by thermostatic and programmable remote control.



Via the remote it is possible to control the following features:



TURNING THE APPLIANCE ON

The handset controls the appliance from pilot ignition through to shut down.

To turn the fire on press the ⏻ button until two short signals and a series of blinking lines on the handset confirm the start of the ignition sequence and there will be a clicking sound as the valve opens on the appliance.
The pilot will ignite and the remote is now in Manual Mode. The first time the appliance is turned on it will light in the High position.

IMPORTANT: YELLOW FLAMES TYPICALLY APPEAR WHEN THE APPLIANCE HAS REACHED NORMAL OPERATING TEMPERATURE. THIS CAN TAKE UP TO 30 MINUTES.

WARNING: IF THE APPLIANCE FAILS TO LIGHT OR BECOMES EXTINGUISHED IN USE, WAIT 3 MINUTES BEFORE ATTEMPTING TO RELIGHT.

There are 4 different modes available for controlling and operating the appliance:

1. Manual Mode
2. Thermostatic Mode (Automatic)
3. Program Mode (Automatic)
4. EcoFlex Mode (Automatic)

In **MANUAL MODE** you can:

— turn on the main burner using the button.
— regulate the flame from high to low and back.
— turn off the burner leaving just the pilot burning.

In **THERMOSTATIC MODE (Automatic)** you can:

— set the room temperature so the thermostat in the remote automatically maintains that temperature.

In **PROGRAM MODE (Automatic)** the fire:

— turns on and off according to the set time periods.
— automatically regulates the room temperature during the set periods.

In **ECOFLEX MODE (Automatic)** the fire:

— modulates the flame height between high and low in response to room temperature. One cycle lasts for 20 minutes.

NOTE: When operating the fire in Thermostatic or Program mode, the pilot remains lit and the fire then automatically switches on to bring the room to the set temperature whether or not you are in the room.

NEVER LEAVE ANY COMBUSTIBLE MATERIALS WITHIN 1 METRE OF THE FRONT OF THE APPLIANCE.

TURNING THE APPLIANCE OFF (STANDBY)

Press and hold the button to turn the appliance off.

NOTE: There is a 5 second delay before the next ignition is possible.

CHILD PROOF LOCK

Turning the Child Lock on.

Press the and buttons simultaneously. will be displayed and the handset is rendered inoperable except for the Off function.

Turning the Child Lock off.

Press the and buttons simultaneously to deactivate.

will disappear.

TROUBLESHOOTING

IMPORTANT: In the unlikely event that the handset fails to communicate correctly with the appliance it may be necessary to turn off the gas supply at the isolation valve until any problems can be resolved.

The gas meter and isolation valve can be located outside in a meter box, under the stairs, beneath the kitchen sink or in the garage. Whilst this list is not exhaustive, it is important to be able to identify the location of the valve in case of any gas emergency.

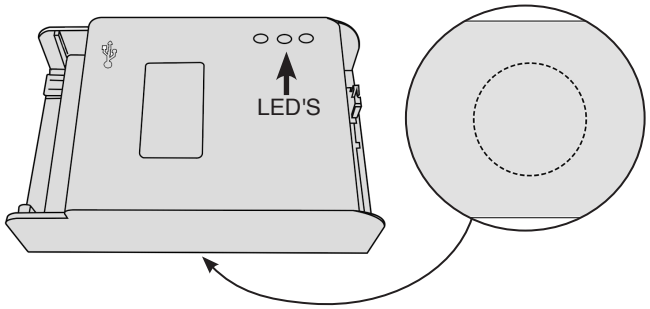
To turn off the gas supply, simply turn the handle so the lever is at 90 degrees to the upright gas pipe.

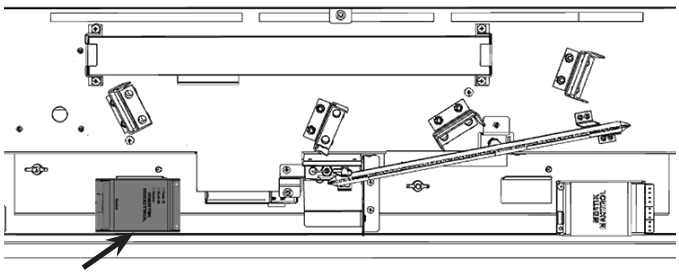
If you smell gas, open doors and windows and never operate any electrical switches. Immediately call the Gas Emergency Services on 0800 111 999.

MYFIRE WI-FI INSTALLATION

Remove the Decorative Front, Glass Panel, Fuel Effect, Log Burners and Mesh Screen as detailed in the appliance instructions.

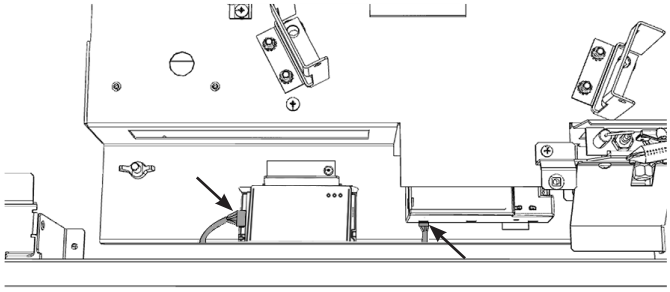
Secure the velcro pads to the underside of the Wi-Fi module and position in the allocated position.



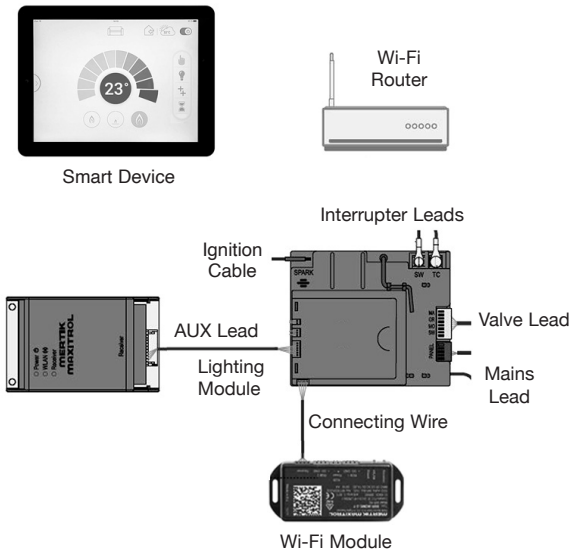


When satisfied with the position remove the backing from the velcro pad and secure in place.
Ensure clearance is left between the front edge of the fire and the Wi-Fi module.

Using the Wi-Fi cable Connect the Wi-Fi module to the receiver module.
Gazco recommend running the cable along the front edge of the fire to avoid obstruction of any internal components.



This should complete the wiring circuit as shown, see Diagram.



NOTE: Ensure none of the wires are snagged or caught on any internal components.

Follow the steps listed in the MyFire App Setup manual PR2467 to connect a smart device to the fire.

Replace the Decorative Front, Glass Panel, Fuel Effect, Log Burners and Mesh Screen.

The installation is now complete.

Once the Wi-Fi module has been installed and connected to a power source there is a 24 hour window to complete the setup process on the MyFire app.

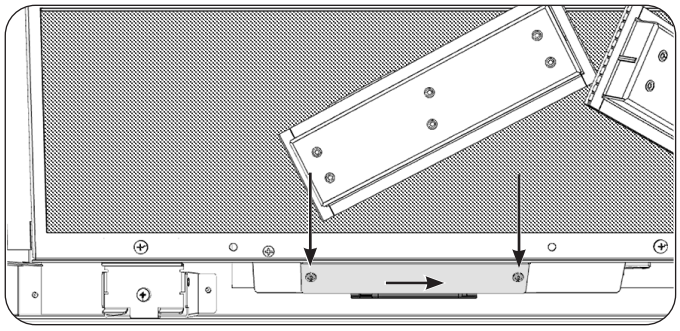
If setup is not completed in this window the Wi-Fi module will have to be manually reset to complete setup, see Section 16 & PR2467 MyFire App Setup.

ACCESSING THE WI-FI MODULE

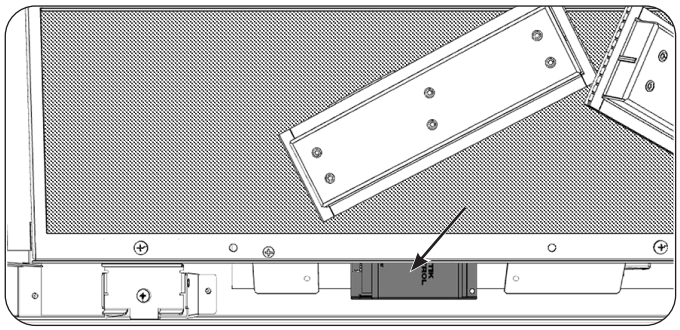
Once installed, the Wi-Fi module can be accessed by following the below instruction.

Remove the Glass Frame, see page 37.

Undo the two screws securing the Wi-Fi Module access panel and slide across to remove.



The Wi-Fi module is now accessible.



MYFIRE WI-FI SET UP & TROUBLESHOOTING

The MyFire Wi-Fi box must be wired according to the MyFire set up diagram and connected to the receiver, which is in turn connected to the mains power.

Ensure the device is running the most up to date operating system as older models may not be compatible with the MyFire App.

After 30 seconds the MyFire Box goes into Access Point Mode (Green LED flashes). See MyFire App instructions supplied and configure the router.

The following things can affect the Wi-Fi signal on the appliance:

1. Multiple users on the same Wi-Fi channel may interfere with the data transfer. Press the reset button on the MyFire Wi-Fi box for 1 second to change the current channel.

2. If the MyFire Wi-Fi box is not connected to the receiver or is not used it will leave Access Point Mode after 24 hours.

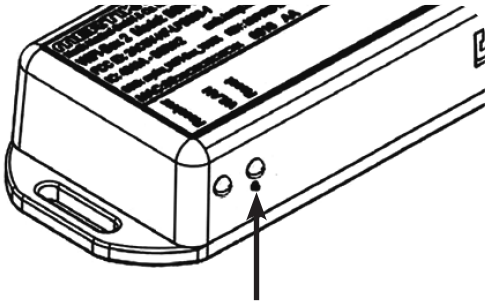
3. If there are multiple fireplaces in the household using MyFire Wi-Fi boxes there must be a minimum of 600mm between them to avoid interference.

4. If there are any changes to the home network then the MyFire Wi-Fi set up must be repeated.

Quick Reference Table.

LED INDICATOR FOR MYFIRE WI-FI BOX			
LABEL	LED		STATUS
Power	Blue	On	Power On
		Off	Power Off
WLAN	Green	On	Connected to home network (Wi-Fi Router)
		Off	Not connected to home network (Wi-Fi Router)
		Flashing	MyFire Wi-Fi Box in Access Point Mode
Receiver	Blue	On	Receiver connected
		Off	No receiver connected or connection lost
All LEDs		Flashing	Internal Configuration

It may be necessary to reset the MyFire Wi-Fi box using a paperclip or similar.
The table below shows the length of time required for each reset and the confirmation signals.



Press Reset Button	LED Status Blue Power LED	Function
Power-On-Reset or 1 second reset	WLAN LED 2 flashes red, green and blue	If no network is set the AP Mode will be activated for 2 hours. When the network isn't set after 2 hours the WiFi box will go to Standby Mode. Once a network is set, the WiFi box will connect directly.
7 seconds	RECEIVER LED 1 flashes every 500ms in blue	Removes the WiFi settings and turns on the Access point mode (AP mode) for 2 hours.
20 Seconds	RECEIVER LED 1 flashes every 500ms in blue	Erases all Setup Data including WiFi settings. The AP-Mode will be activated for 2 hours.

COMMISSIONING

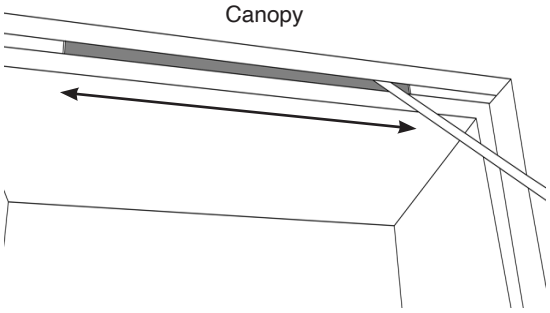
Check the flame picture, log layout.

Check the gas pressure.

Close all door and windows in the room.

Ignite the appliance and operate on maximum for 5 minutes.

Position a lighted smoke match just inside the draught diverter opening (under the canopy) and check all smoke is drawn in along the opening, see Diagram.



If there is any doubt:

Run the appliance for a further 10 minutes and repeat the test.

If there are any extractor fans in the room or adjacent rooms, the test must be repeated with the fans running on maximum.

IF SPILLAGE PERSISTS, DISCONNECT THE APPLIANCE AND SEEK EXPERT ADVICE.

Complete the Commissioning Checklist at the front of this manual covering:

— Thermocouple soundness checks.
This is to include ensuring the thermocouple is secure on the pilot bracket assembly, lead connection and integrity.

— Flue checks

— Gas checks.

— Log/fuel effect layout - flame picture.

For working pressure test, refer to Installation Instructions Section.

Upon completion of the commissioning and testing of the installation and correct operation of the appliance, the installer must instruct the user how to operate the appliance.

Guide the user through the User Instructions paying particular attention to:

a) Regular servicing (See User Instructions).

b) Ventilation (See User Instructions) - point out the ventilation positions where applicable.

c) Hot surfaces (See User Instructions).
If there are any extractor fans in the room or adjacent rooms, the test must be repeated with the fans running on maximum.

IF SPILLAGE PERSISTS, DISCONNECT THE APPLIANCE AND SEEK EXPERT ADVICE.

For future reference, record the installation details on the Commissioning Sheet.

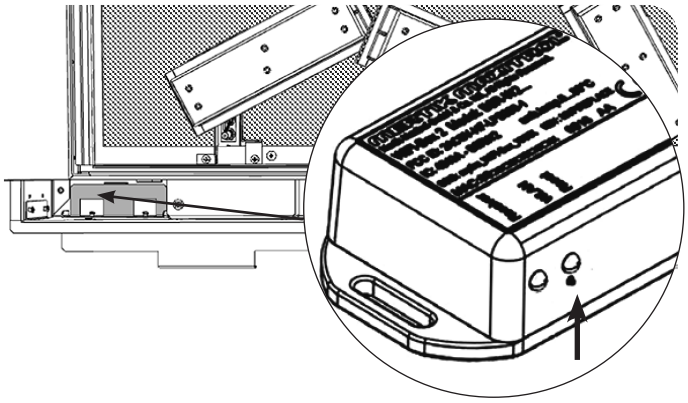
REPROGRAMMING HANDSET/CONTROL BOX

To access the control box:

Remove the decorative trim, see Servicing Instructions.

Remove the lower glass retaining bracket, see Servicing Instructions.

Access is now possible through the aperture below the centre-left hand side of the appliance using an angled pointed tool.



NOTE: Alternatively, the main control assembly can be removed to access the control box, see Servicing Instructions.

Press and hold the reset button on the control box until you hear two signals. After the second longer signal:

Release the reset button and within 20 seconds:

Press the DOWN button on the handset until you hear two additional short signals confirming the new code is set. If there is a single long signal the code learning sequence has failed or the wiring is incorrect.

Note: When pressing the DOWN button on the handset if two beeps are not heard:

Release the DOWN button and CONN will be displayed on the handset screen. An 8 second count will start on the handset screen followed by two short beeps confirming the new code is set. If there is a single long signal the code learning sequence has failed or the wiring is incorrect.

Replace the lower glass bracket by setting the cam locks in position with the door tool and tightening the screws.
Ensure the Front Glass is aligned with the Side Glass.

SERVICING/FAULT FINDING CHARTS

SERVICING REQUIREMENTS

IMPORTANT – The glass panels on this appliance should be checked for any signs of damage on the front face of the glass panel (scratches, scores, cracks or other surface defects). If damage is observed, the glass panel must be replaced and the appliance must not be used until a replacement is installed. Under no circumstances should the appliance be used if any damage is observed. Please isolate the appliance until a replacement glass panel has been obtained and installed. Replacement glass panels can be purchased from Gazco via the retailer from which the appliance was purchased or any other Gazco distributor.

This appliance must be serviced at least once a year by a competent person.

All tests must be carried out in accordance with the current Gas Safe recommendations.

BEFORE TESTING

- Conduct a gas soundness test for the property ensuring there are no leaks before servicing.
- Check the operation of the appliance before testing.

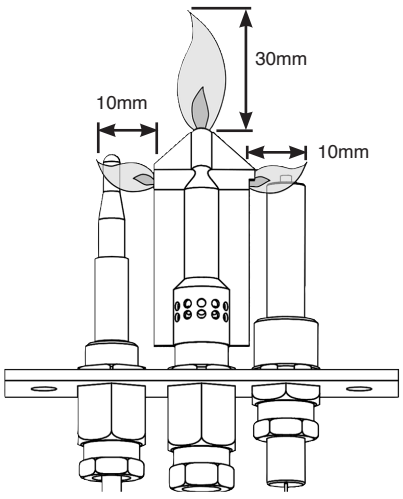
SPECIAL CHECKS

- Clean the burners using a vacuum cleaner with a soft brush attachment. Ensure all debris is removed from the burner ports.
- Clean away lint or fluff from the pilot.
- Clean away lint or fluff from under the burner.
- Check the spark gap on the pilot is correct.
- Check that the Pilot ignites correctly and Main Burner cross lights smoothly.
- Ensure that the glass is secured correctly and that all retaining screws are in place.

Correct any faults found during the initial test.

Re-commission the appliance in accordance with Commissioning Procedures of these instructions.

Advise the customer of any remedial work undertaken.

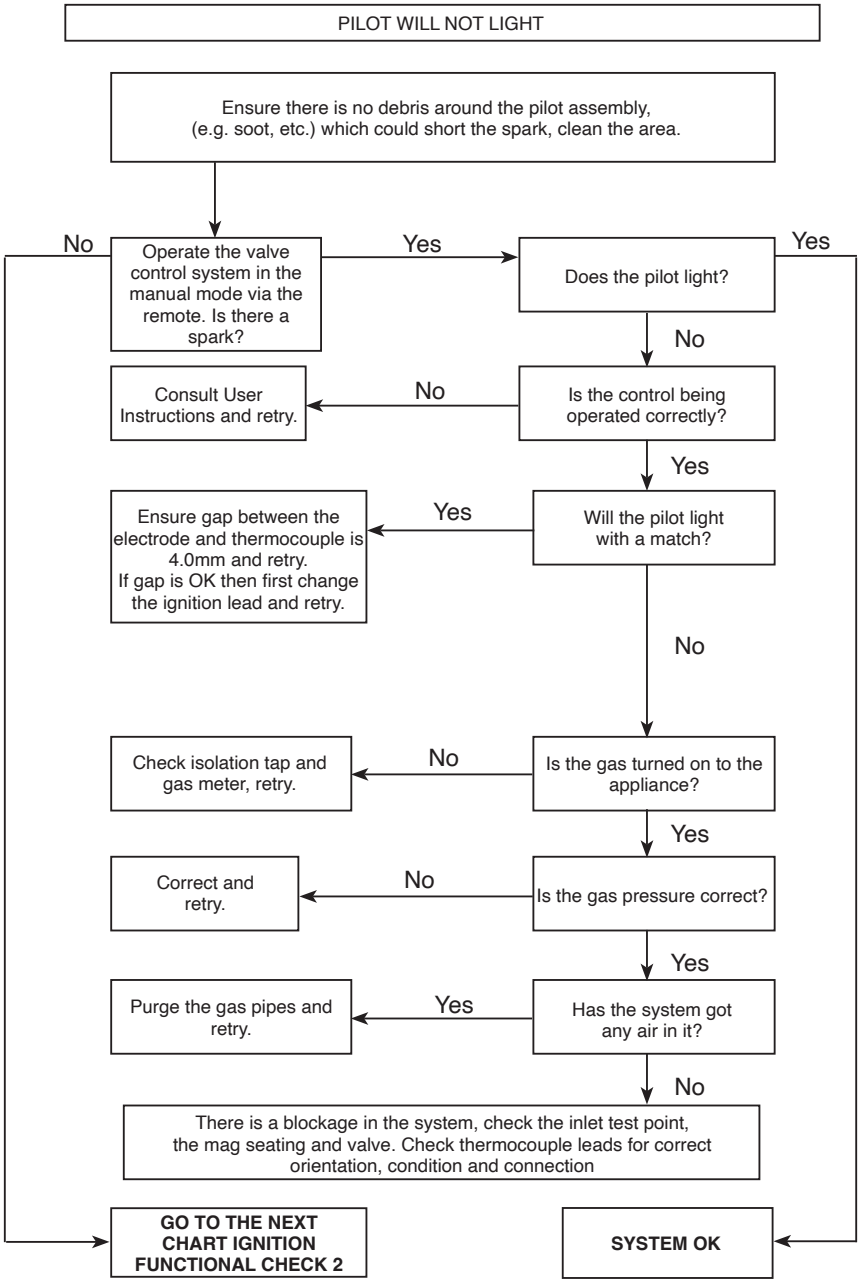


ELECTRONIC CONTROL VALVE FAULT ANALYSIS

SYMPTOM	CAUSE	REMEDY
Frequent beeps for 3 seconds after operation request	Loose/damaged wire	Check interrupter block and wires
No ignition, no tone, motor turns slightly when operated	Receiver board damaged	Replace receiver
No pilot flame and control continues to spark	Thermocouple circuit wired incorrectly	Correct wiring
Pilot lights, control continues to spark, valve shuts down after 10 - 30 seconds	1. No spark at pilot burner 2. Loose/damaged wire	1. Rectify spark at pilot burner 2. Check interrupter and wires
Rear burner can not be turned off - valve can be heard to operate.	Faulty Solenoid Valve	Replace Solenoid Valve
Rear burner can not be turned off - no beep or noise from solenoid	1. Faulty wire/ wire not connected 2. Faulty receiver	1. Replace wire/ solenoid 2. Replace receiver

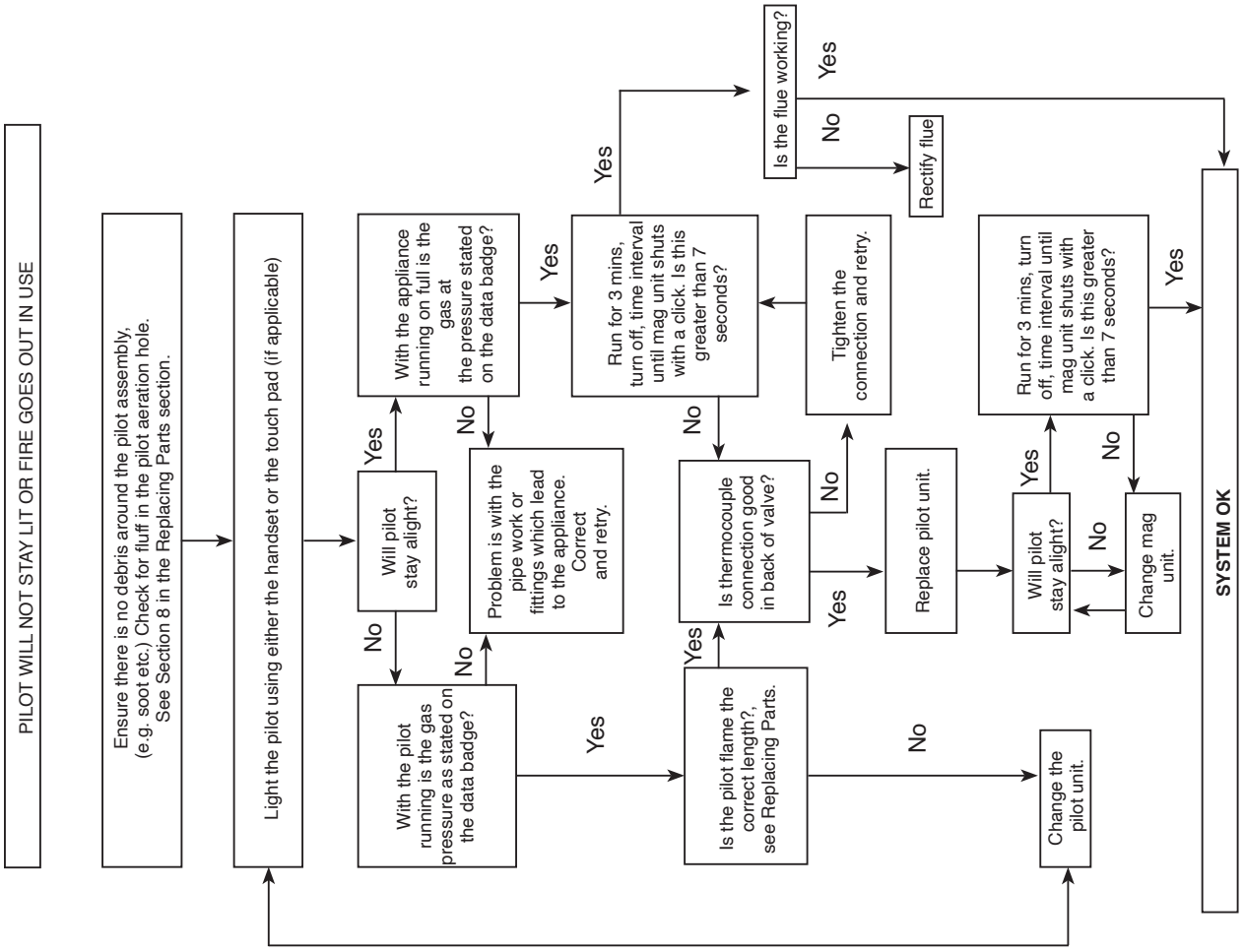
FAULT FINDING CHARTS

IGNITION FUNCTIONAL CHECK 1

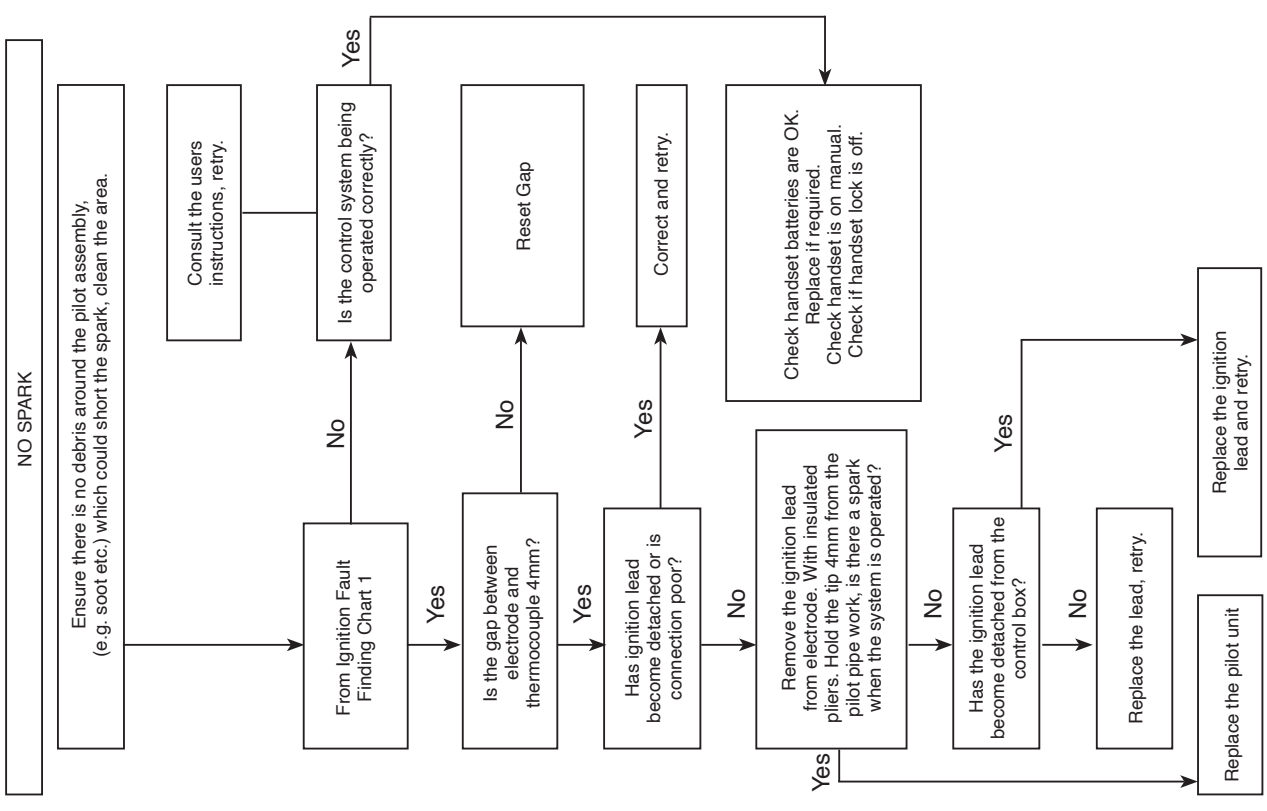


FAULT FINDING CHARTS

FLAME FAILURE FUNCTIONAL CHECK 3



IGNITION FUNCTIONAL CHECK 2



SERVICING INSTRUCTIONS

SERVICING AND SUPPORT

STOVAX GAZCO
SERVICE & SUPPORT
ENGINEER TEAM

Servicing and Support
To keep your appliance looking and performing at its best, it must be serviced annually. This service must be undertaken by a suitably qualified individual and your retailer can organise this for you. Alternatively, Gazco offer a manufacturers premium service with our friendly team of qualified engineers which can be booked at www.gazco.com/support

GENERAL

All main components can be replaced without removing the appliance from its installation.

DISCONNECT MAINS ELECTRICAL SUPPLY AT THE ACCESSIBLE PLUG OR DEDICATED SWITCH BEFORE SERVICING THE APPLIANCE.

IT IS ESSENTIAL THAT THE GAS SUPPLY TO THE APPLIANCE IS TURNED OFF AT THE ISOLATION DEVICE BEFORE PROCEEDING FURTHER.

It will be necessary to remove the burners and the fuel bed before any of the main components can be serviced.

The Power Module and the Wi-Fi Receiver can be serviced by removing the decorative trim and lower glass retaining bracket.

DURING SERVICING OF THIS APPLIANCE IT MAY BE NECESSARY TO CUT CABLE TIES IN ORDER TO ACCESS AND REMOVE SOME OF THE PARTS. THESE MUST BE REPLACED WHEN REASSEMBLING THE APPLIANCE.

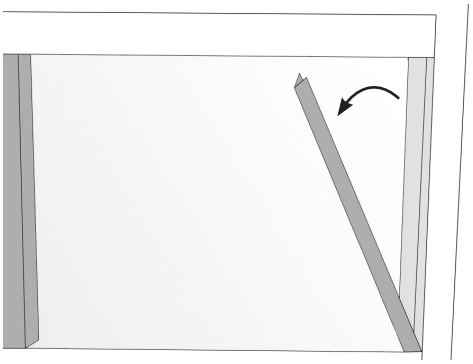
AFTER SERVICING ENSURE THAT ALL CONNECTIONS ARE REPLACED BEFORE REPLACING THE MESH TRAY.

REMOVING THE GLASS FRAME

To remove the decorative front from the appliance please refer to the separate instructions supplied with the front.

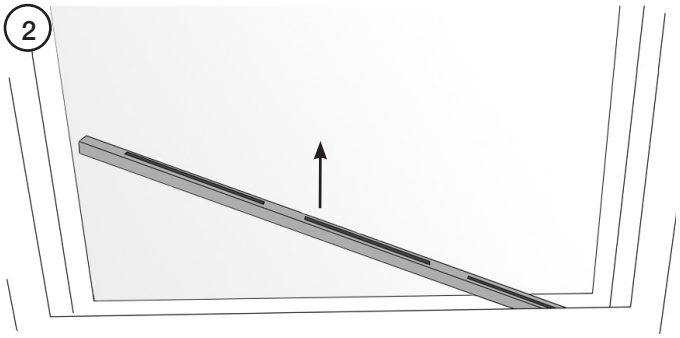
Remove the glass frame by removing the 2 side trims, see Diagram. These are held on by magnets.

1



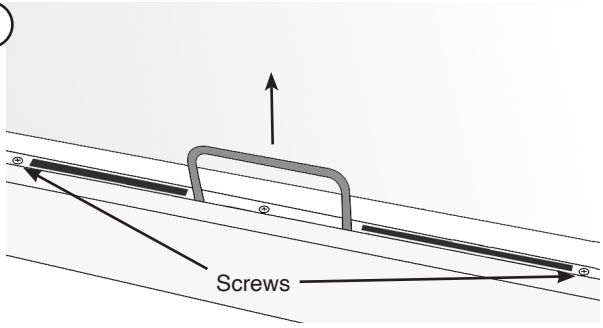
Lift out the bottom slotted trim.

2



Remove the 2 screws at the base of the door, see Diagram 3.

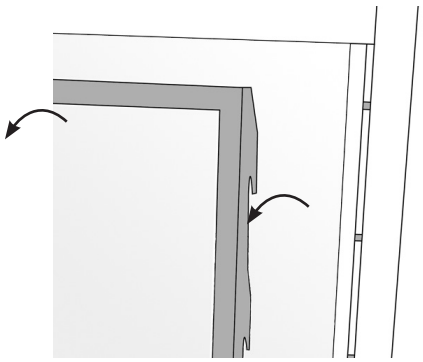
3



Pull up the handle at the front, see Diagram 3.

Whilst supporting the top, lift the door using the handle, up and over the lower edge, see Diagram 4.

4



When refitting the glass frame ensure that the rope seal on the back of the frame is intact.

To replace the glass frame, position so the hooks on the back of the frame fit over the side pins, see Diagram 4.

Push the handle down.

Replace the screws. As the screws are tightened the glass frame is pulled down against the hooks and forms a seal.
Replace ALL of the securing screws ensuring that a screw is present in all fixing slots.

UNDER NO CIRCUMSTANCES SHOULD THE APPLIANCE BE USED IF ANY OF THE GLASS FRAME RETAINING SCREWS ARE LOOSE OR MISSING.

Replace the lower trim.

Replace the 2 magnetic side trims.

NEVER OPERATE THE APPLIANCE WHEN THE GLASS PANEL IS REMOVED OR BROKEN.

The glass frame must be refitted to the appliance following cleaning or servicing.

REMOVING THE FUEL EFFECT

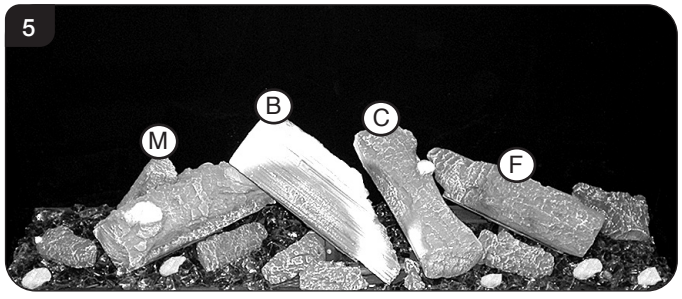
The fuel effect consists of 6 different components.

To avoid damage Logs A, B, C, F and M should be removed in the following order and placed on a dry, clean surface.

Remove the Log M.

Remove Log B from the Log Burner.

5



Remove Log C & F from the Log Burners.

Slide Log A backwards, from under the centre Log Burner, to remove.

6

Remove the remaining components:

1. Large Embers J & H
2. Ember G (x3) & Ember L.
3. Shale Effect.
4. Amber Effect.

Keep each component separate for ease of replacing.

When replacing the fuel effects see Installation Instructions Section for layout instructions.

REMOVING THE LOG BURNERS AND MAIN CONTROL ASSEMBLY

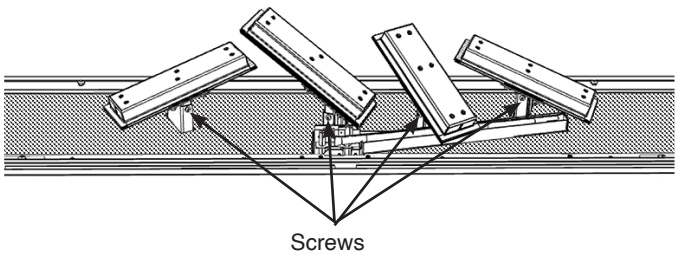
To remove the decorative front from the appliance please refer to the separate instructions supplied.

Remove the Glass Frame.

Remove the Fuel Effect.

Remove the 4 M4x6 screws from the base of the 4 Log Burners.

1

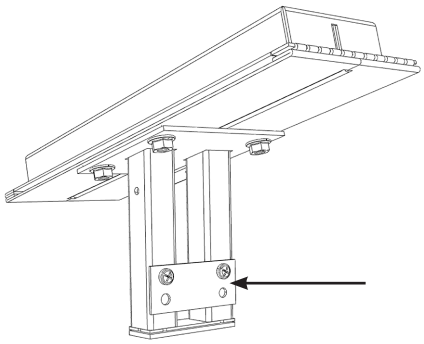


Screws

Lift the 4 Log Burners to remove.

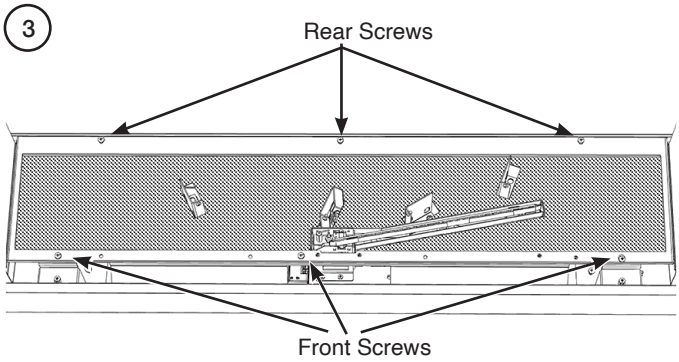
NOTE: Some burners are pre-fitted with Aeration plates. These are non-serviceable and MUST NOT be altered.

2



Remove the 3 screws from the front of the Mesh Tray and the 3 from the rear.

3



Slide the Mesh Tray forward slightly and carefully lift over the Log Burner Brackets, Pilot and Cross Lighter.

WHEN REPLACING THE MESH TRAY TAKE CARE NOT TO DAMAGE THE LOG BURNER BRACKETS, PILOT AND CROSS LIGHTER.

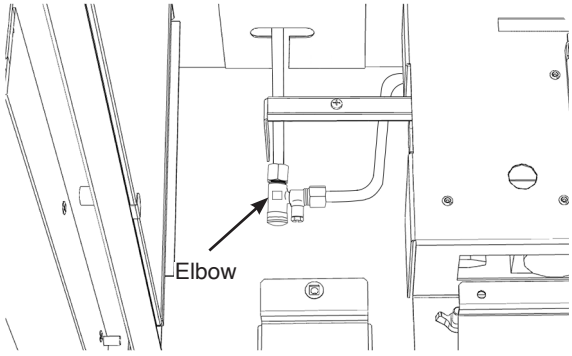
Remove through the front of the appliance.

Turn the gas supply off at the isolation device.

HAVE YOU ISOLATED THE GAS SUPPLY?

Disconnect the isolating device from the appliance inlet pipe to isolate the gas supply.

4

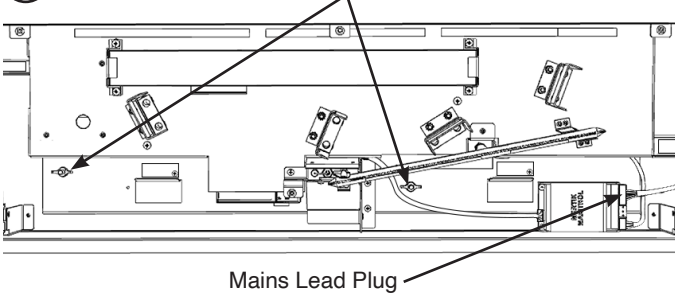


Disconnect the Mains Lead Plug from the Module

.

DO NOT REMOVE THE WIRES FROM THE PLUG.

5



Undo the 2 wing nuts.

Lift the Main Control Assembly and remove through the front of the appliance.
Place carefully to one side.

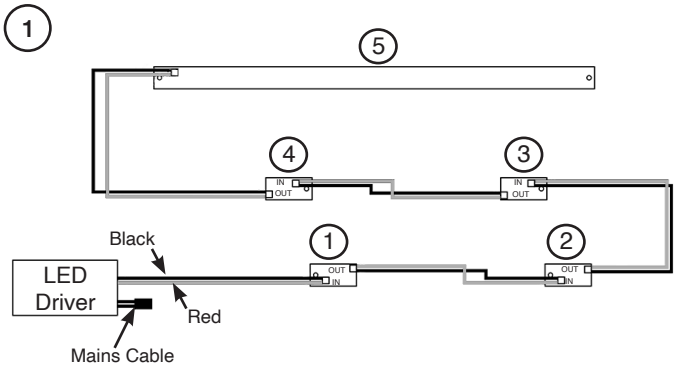
Replace in reverse order.

AFTER SERVICING ENSURE THAT ALL CONNECTIONS ARE REPLACED BEFORE REPLACING THE MESH TRAY.

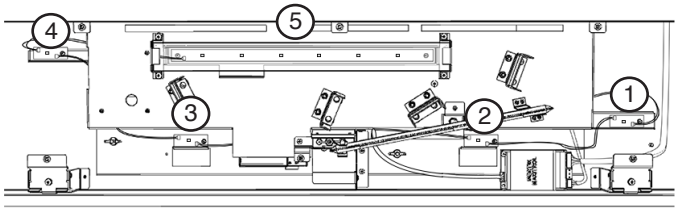
REPLACING THE LED CIRCUIT

There are 5 LED boards, which can be individually replaced.

1



2



NOTE: Ensure the correct orientation when replacing.

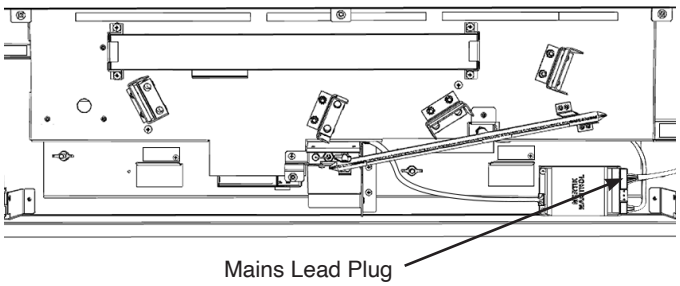
THE LED'S ARE FRAGILE. HANDLE WITH CARE. ONLY HOLD THE LED BOARDS BY THE EDGES TO AVOID CONTACT WITH THE TOP OF THE LED'S.

AVOID CATCHING ANY DELICATE WIRES WHEN REPLACING THE SCREWS.

Remove the Log Burners, Fuel effect, and Mesh tray.

Disconnect the LED Mains Lead Plug from the Module.

3



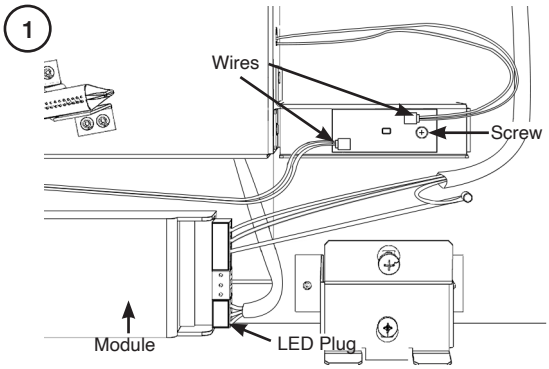
The LED circuit consists of three components, which can be individually changed, these are:

5a) Front LED Boards.
5b) Rear LED Bar.
5c) Driver.

FRONT LED BOARDS

To replace the 4 front and side LED boards remove the securing screw and disconnect the wires on each side of the board. The board can now be removed.

1



Repeat for each front LED board.

NOTE: Each board has the wiring direction marked as IN or OUT on each end to ensure the replacement boards are wired correctly.

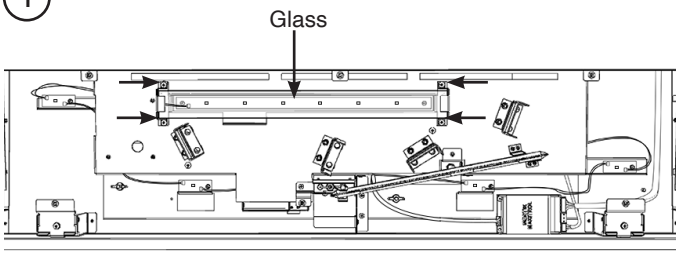
Replace in reverse order.

REAR LED BAR

To replace the rear LED Board, remove the 4 screws from the glass bracket.

This also secures the rear LED board bracket.

1

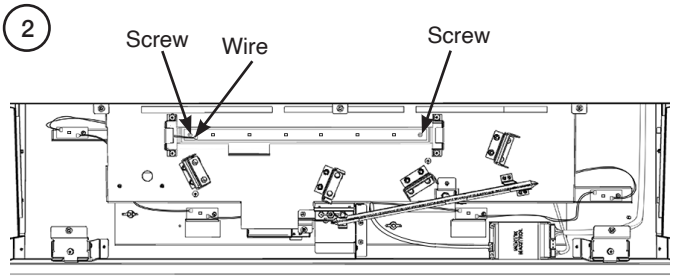


Remove the glass out of the left hand bracket and place on a dry, clean surface.

Carefully disconnect the wire and undo the 2 screws.

The rear LED board can now be replaced.

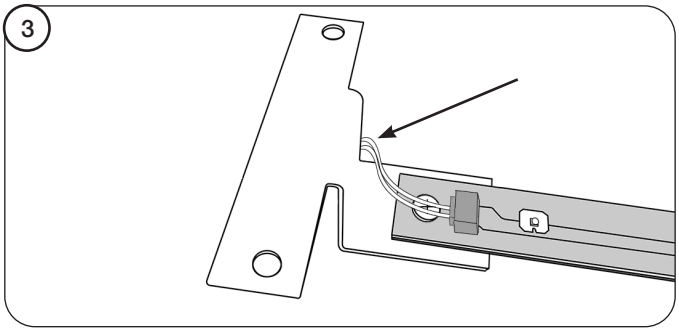
2



Replace in reverse order ensuring the wires and components are put back in exactly the same configuration.

When replacing the Long LED board the wires must be positioned behind the bracket.

3



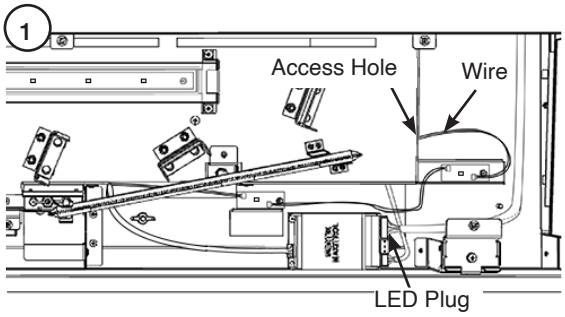
ENSURE NO WIRES ARE TRAPPED WHEN REPLACING THE COMPONENTS.

LED DRIVER

Remove the Main Control Assembly to access the LED Driver.

Disconnect the highlighted wire from the right hand LED board and carefully feed through the access hole.

1

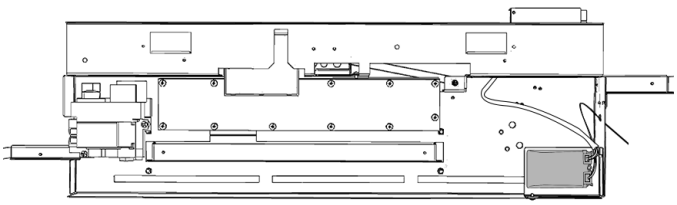


Carefully turn the Control Assembly upside down.

NOTE THE POSITION OF THE WIRES.

2

Underside of control Assembly

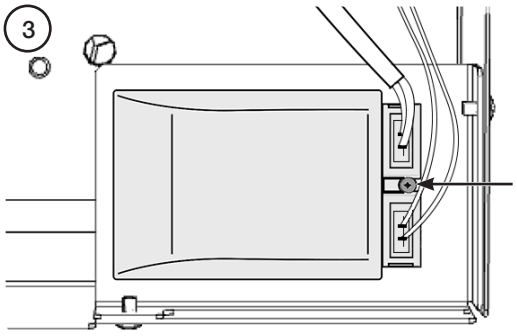


*Other internal components removed for clarity

Remove the screw in the center of the Driver lip.

Carefully lift the Driver (with cables) off the control assembly to remove.

3



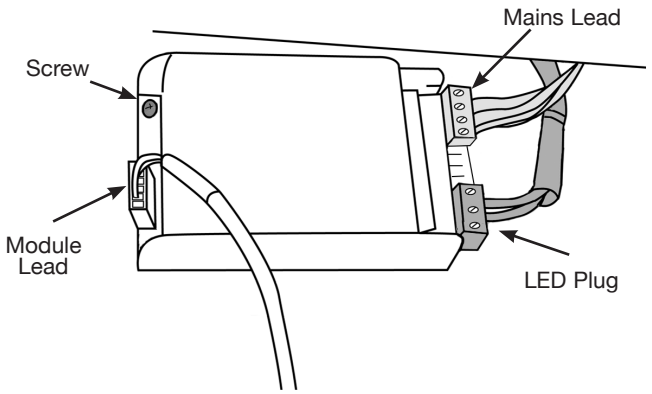
Replace in reverse order ensuring the components are in the correct configuration.

ENSURE NO WIRES ARE TRAPPED WHEN REPLACING THE COMPONENTS.

MODULE

Remove the Log Burners, Mesh Tray and Air Guide.

Disconnect the LED plug and Mains Lead from the Module.



Disconnect the Module Lead.

Remove the screw securing the Module to the base of the appliance.

The Module can now be removed.

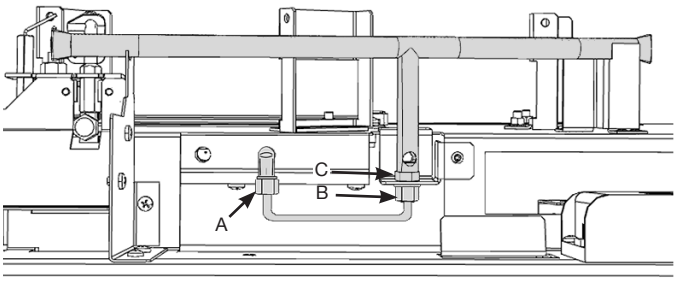
Replace in reverse order.

CROSS LIGHTING INJECTOR

Remove the Log Burners and Main Control Assembly.

Undo the nut from the Main Control Assembly.

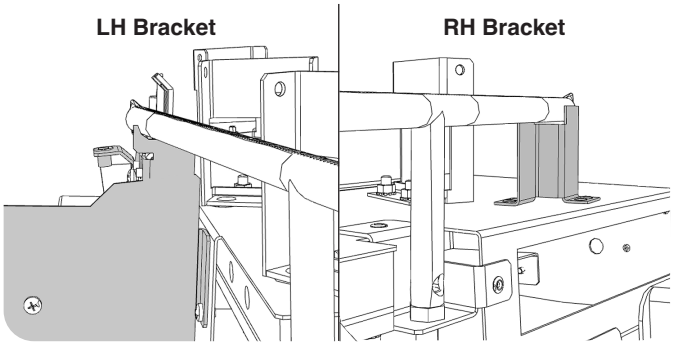
Undo the nut from the Cross Lighter.



Remove the lock nut from the Injector.

Replace with the correct size Injector.

Ensure the left and right hand sides of the Burner engages in the bracket slots.
NOTE: The LH bracket is part of the Pilot bracket.



Check for leaks.

PILOT UNIT ASSEMBLY

IMPORTANT: UNDER THE TERMS OF THE EXTENDED WARRANTY IT WILL BE COMPULSORY TO CHANGE THE COMPLETE PILOT UNIT ON THIS APPLIANCE IN YEARS 2, 4 AND 6.

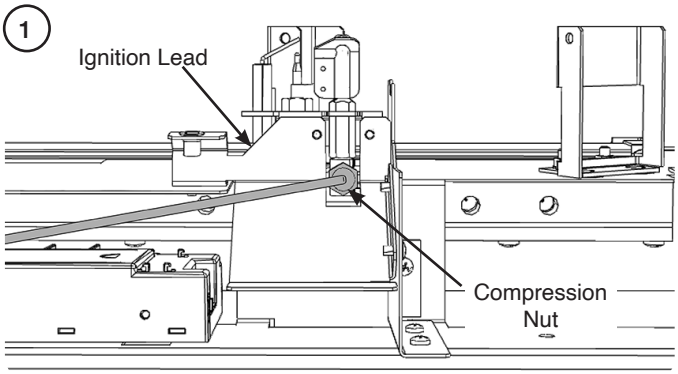
The Pilot Assembly needs to be replaced as a complete unit.

Remove the Log Burners and Main Control Assembly.

Remove the Cross Lighting Injector.

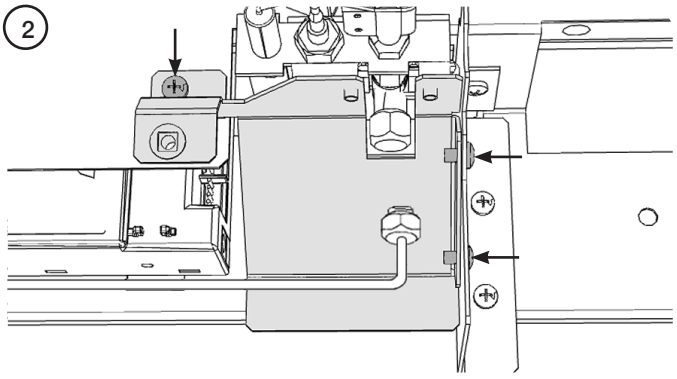
Undo the compression nut from the pilot pipe.

1



Remove the 3 screws securing the Pilot Unit.

2

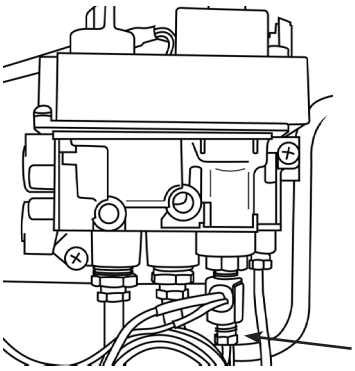


The Pilot Unit can now be serviced.

Remove the ignition lead from the electrode.

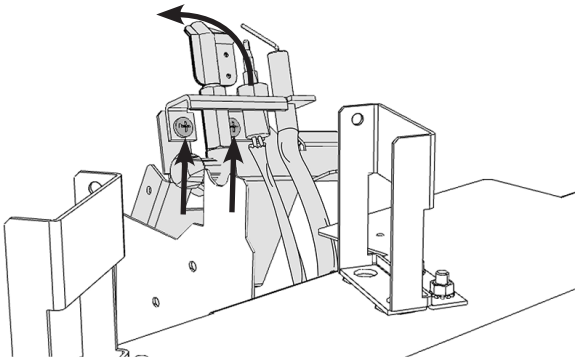
Undo the thermocouple nut from the interrupter block at the rear of the gas valve.

3



Lift the bracket away from the Main Control Assembly and undo the 2 retaining screws.

4

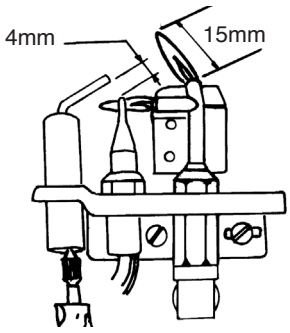


Remove the Vidaflex from the Thermocouple and refit to the new Pilot Assembly.

When replacing the Pilot ensure the Thermocouple follows its original route.

Set the spark gap.

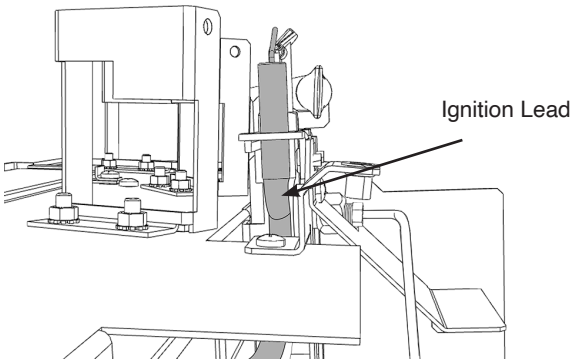
5



IGNITION LEAD

Remove the Log Burners and Main Control Assembly.

Disconnect the Ignition Lead from the Electrode, lift the Control Box from the Velcro pads and pull forward to expose the Ignition Lead and remove.



Replace with a new Ignition Lead following the original route. Refit the Vidaflex cover over the lead. Ensure the cover engages fully over the Electrode.

Check the operation of the new Ignition Lead.

Reassemble in reverse order.

GAS VALVE

To change the gas valve:

Remove the Log Burners and Main Control Assembly.

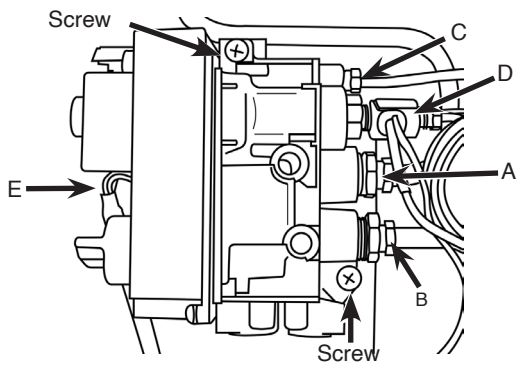
Disconnect the Gas Inlet Pipe, Arrow A.

Disconnect the Gas Outlet Pipe, Arrow B.

Disconnect the Pilot Pipe, Arrow C.

Disconnect the Thermocouple, Thermocurrent Wires and the Interrupter Block, Arrow D.

Remove the Eight Wire Loom, Arrow E.
There is an access hole in the top of the Control Bracket to release the locking tab.



Remove the 2 screws securing the Valve to the support bracket and withdraw the Valve.

Replace in reverse order and check for leaks.

MAGNETIC SAFETY VALVE

Remove the Log Burners and Main Control Assembly.

Remove the Gas Valve.

Undo the Thermocouple from the Interrupter Block and remove the 2 Interrupter Leads.

Unscrew the Interrupter Block from the back of the Valve.

Undo the silver Magnetic Valve retaining nut on the back of the Valve.

Gently tap out the Mag Valve.

Replace with a new unit.

Reassemble in reverse order ensuring that the interrupter leads are connected correctly with the blue tag lead furthest away from the gas valve body.

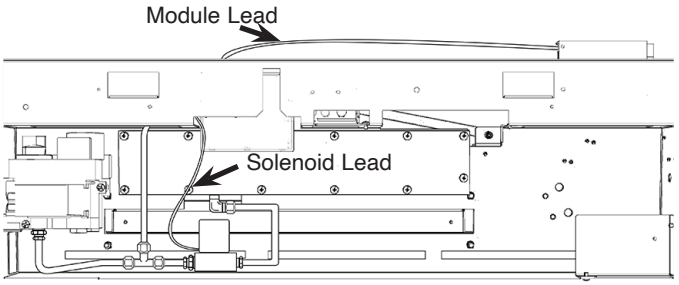
Check for leaks.

CONTROL BOX

To replace the Control Box first remove the Main Control Assembly.

Release the cables from the clip on the underside of the assembly.

Disconnect the Module and Solenoid leads from the Control Box.

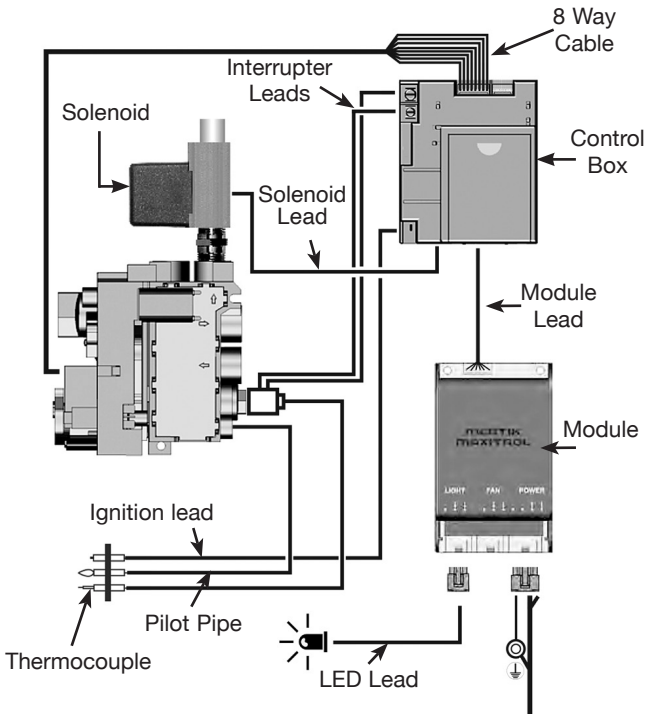


*Other internal components removed for clarity

Pull the Control Box forward and remove the Ignition Lead.
The Control Box is held on by Velcro pads.

Remove the 2 screws to remove the 2 Interrupter Leads.

Remove the 8 way cable from the Control Box.



Replace in reverse order.

After replacing the Control Box ensure that all cable connections are refitted.

After replacing the Control Box you will need to reprogram the handset.

— Press and hold the reset button on the control box until you hear two signals. After the second longer signal:

— Release the reset button and within 20 seconds:

— Press the DOWN button on the handset until you hear two additional short signals confirming the new code is set. If there is a single long signal the code learning sequence has failed or the wiring is incorrect.

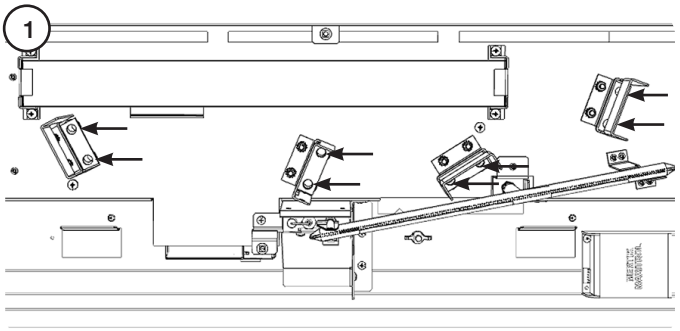
Note: When pressing the DOWN button on the handset if two beeps are not heard:

— Release the DOWN button and CONN will be displayed on the handset screen. An 8 second count will start on the handset screen followed by two short beeps confirming the new code is set. If there is a single long signal the code learning sequence has failed or the wiring is incorrect.

FUEL BED INJECTORS

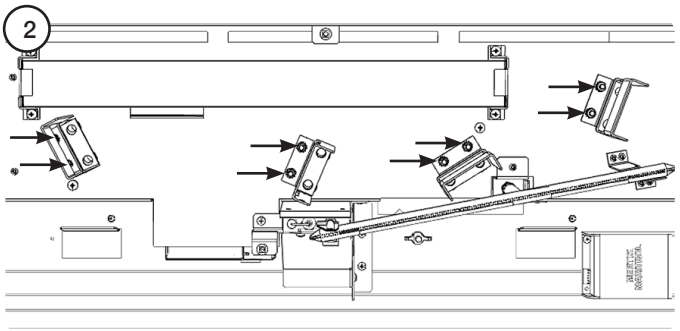
This appliance has 8 Fuel Bed Injectors.
NOTE: The injectors are not identical.

TO ENSURE CORRECT ASSEMBLY REPLACE EACH INJECTOR INDIVIDUALLY.

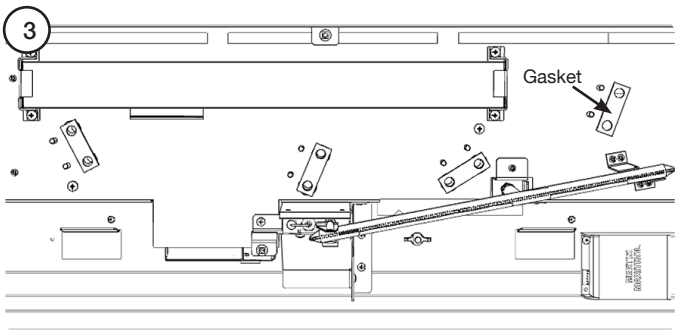


Remove the Log Burners and Mesh Tray.

Remove the 2 nuts and lock washers from each Burner Bracket.

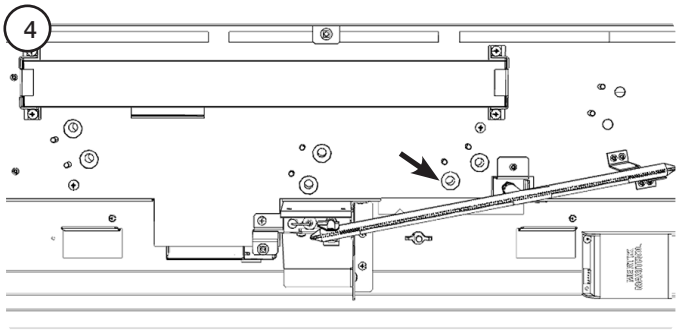


Remove the Gaskets.



Undo the Injectors individually and remove the fibre washers where fitted.

NOTE: The far right injectors do not require washers.



Replace with the correct size Injector.
NOTE: DO NOT OVER TIGHTEN.

Repeat for the remaining Injectors.

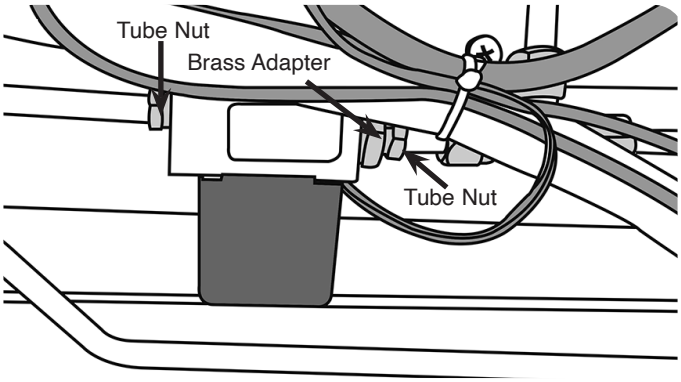
Check for leaks.

Refit gaskets.

LATCHING SOLENOID

Remove the Main Control Assembly.

Hold the brass adapter (large nut) with a 17mm spanner and release the tube nut (small nut) from the adapter.



Repeat on both sides of the Solenoid.

Remove the Solenoid plug from the Control Box.

Cut the cable tie. **NOTE the orientation of the cables.**

Replace in reverse order.

Ensure that the cable ties are replaced.

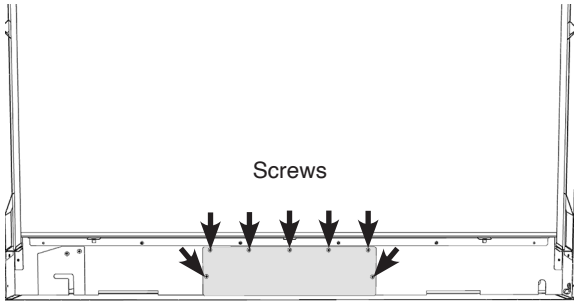
DEBRIS AREA ACCESS

Remove the decorative front from the appliance by referring to the separate instructions supplied with the front.

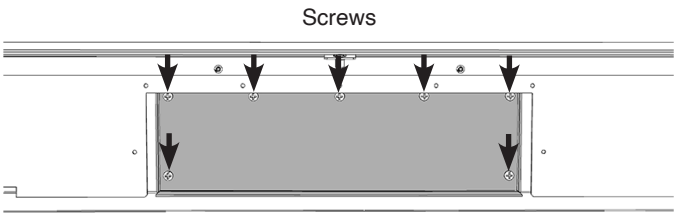
Remove the Glass Frame and the fuel bed components. Place carefully to one side.

Remove the Main Control Assembly.

Undo the 7 screws and remove the Debris Access hatch to access the Debris Access Plate.



Undo the 7 screws to remove the Debris Access Plate.



Clean out the debris.

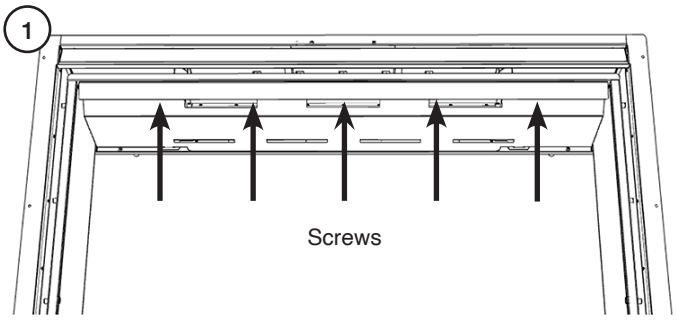
Reassemble in reverse order.

BAFFLE

The Baffle must be removed before the Liners can be taken out of the appliance.

BAFFLE

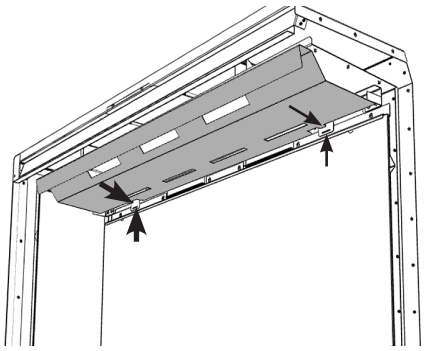
To do this undo the 5 screws securing it to the roof of the firebox.



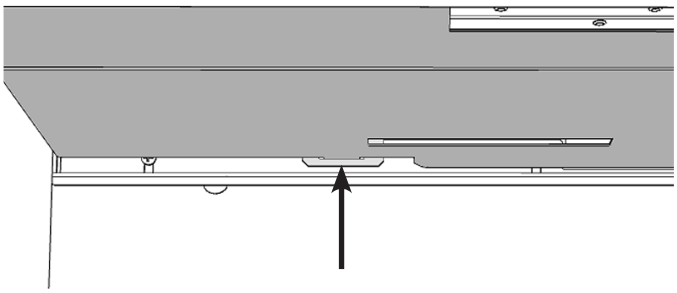
The Baffle can now be removed by lowering the front edge and pulling forward through the front of the appliance.
TAKE CARE NOT TO DAMAGE THE SIDE PANELS.

When replacing the Baffle ensure that the 2 tabs fit into the slots either side of the rear liner bracket.

2



3



LINERS

There are several lining options available:

Brick Effect
Ledgestone
Black Glass

The Baffle must be removed before the Liners can be taken out of the appliance.

Remove the Logs, Burners, and Mesh.

Once removed the Liners can be taken out.

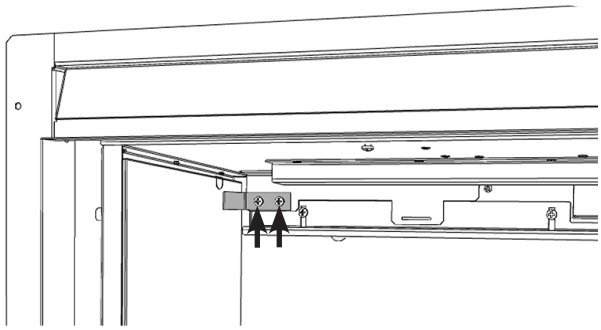
IMPORTANT: IF THE APPLIANCE IS FITTED WITH BLACK GLASS LINERS THE BACK PANEL IS ONE PIECE. THE SIDE PANELS ARE ALSO SPECIFIC FOR LEFT AND RIGHT - MAKE A NOTE WHEN REMOVING AND REPLACE IN THE SAME ORIENTATION.

REMOVING THE SIDE LINERS

NOTE: The side liners must be removed before the rear liner.

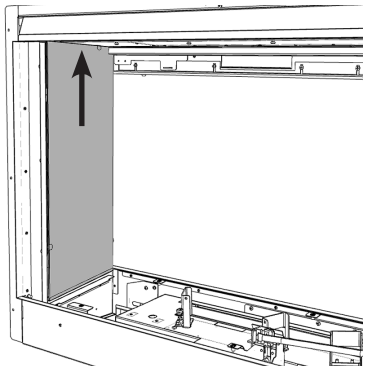
Remove the retention tab securing the liner to the appliance.

1



Carefully move the liner vertically into the space above.

2

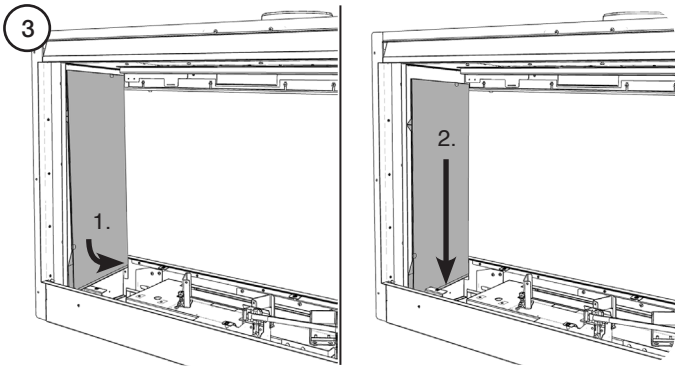


From this position:

1. Move the bottom of the liner out (1).
2. Lower into the space between the side of the appliance and the control assembly (2).

NOTE: Take care to avoid the LED supports.

3



Carefully manoeuvre the side liner out of the appliance.

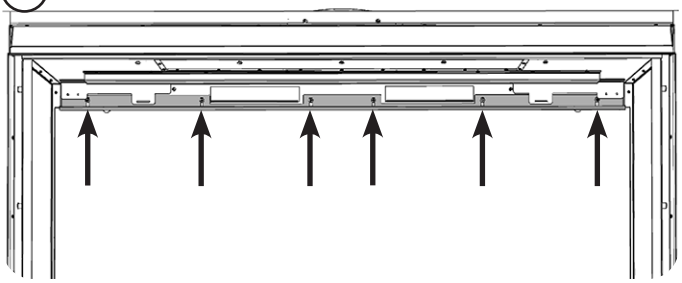
Repeat for the other side.

REMOVING THE REAR LINER

Remove the Side Liners.

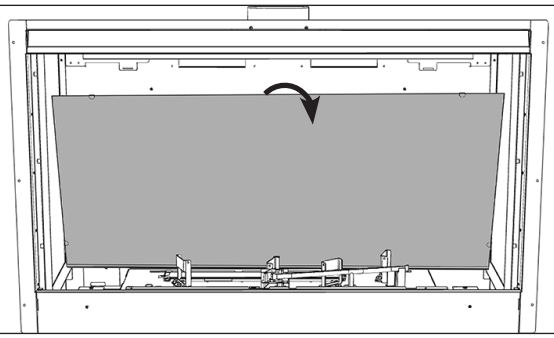
Undo the 6 screws securing the rear liner bracket and carefully remove.

4



Move the liner forwards off the bracket and lower into the space below.
Once lowered, carefully lift and tilt out of the firebox.

5



To replace the Liners and Baffle reverse these procedures. Ensure no amber glass or black shale has fallen onto the Liner Support Brackets.

BLACK REED, BRICK EFFECT AND LEDGESTONE LINERS

These lining panel options are available for this product and contains Refractory Ceramic Fibre (RCF), a material which is commonly used for this application.

RCF waste is classed as stable, non-reactive hazardous waste and may be disposed of at a licensed landfill site.

If replacing these items do not break them up. Seal within heavy duty polythene bags and label as RCF waste.

Protective clothing is not required when handling these articles.

If the Liners are visibly broken Gazco recommend using gloves and a face mask to remove the pieces and remove any dust accumulated in and around the appliance before and after working on it with a HEPA filtered vacuum.

If any concerns remain contact Gazco Technical Customer Services to obtain the manufacturers Safety Data Sheet.

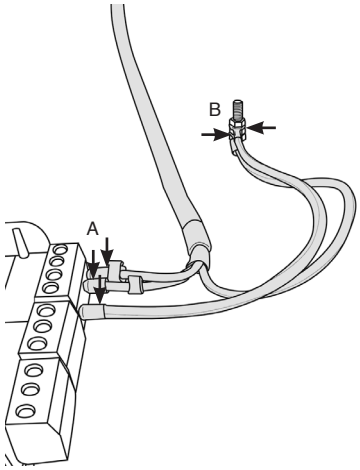
REPLACING THE POWER CABLE

BEFORE UNDERTAKING ANY WORK SWITCH OFF THE APPLIANCE AND ISOLATE THE POWER SUPPLY ENSURING THERE IS NO POWER TO THE APPLIANCE.

To replace the Power Cable first remove the Main Control Assembly.

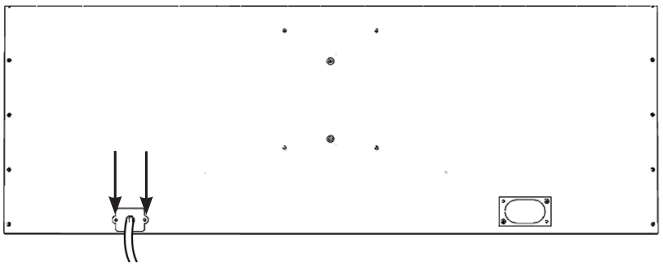
Disconnect the 3 cables from the Power Module, See Diagram, arrow A.

NOTE THE CONFIGURATION OF THE WIRES.



Remove the nuts from the Earth stud and remove the two Ring Terminals, see Diagram, arrow B.

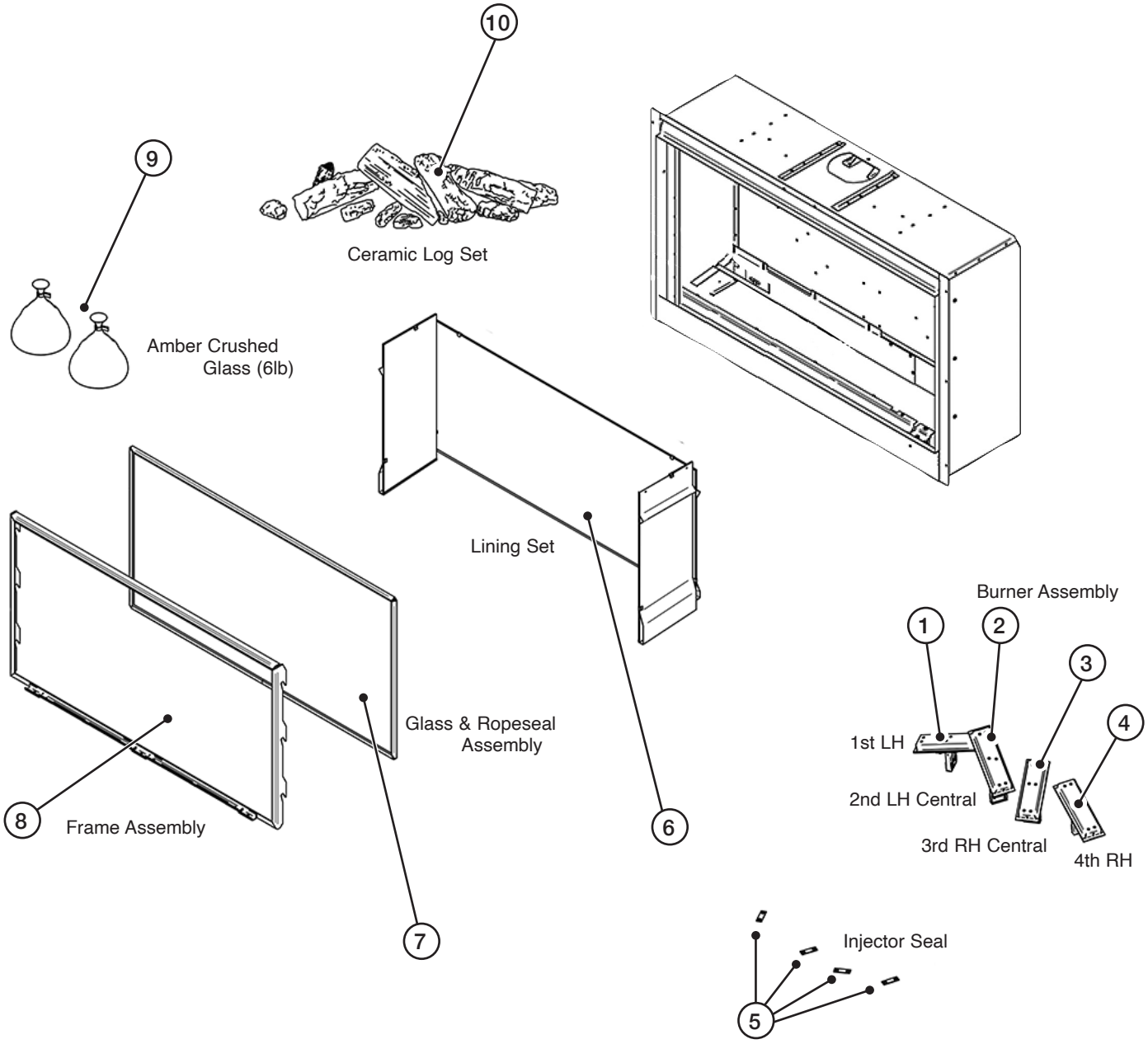
Remove the 2 screws securing the Power Cable Plate to the rear of the firebox, see Diagram.



Withdraw the old cable.

Fit the new cable in reverse order ensuring it is rewired in the correct configuration shown in Diagram.

SPARES LIST - MAIN ASSEMBLY



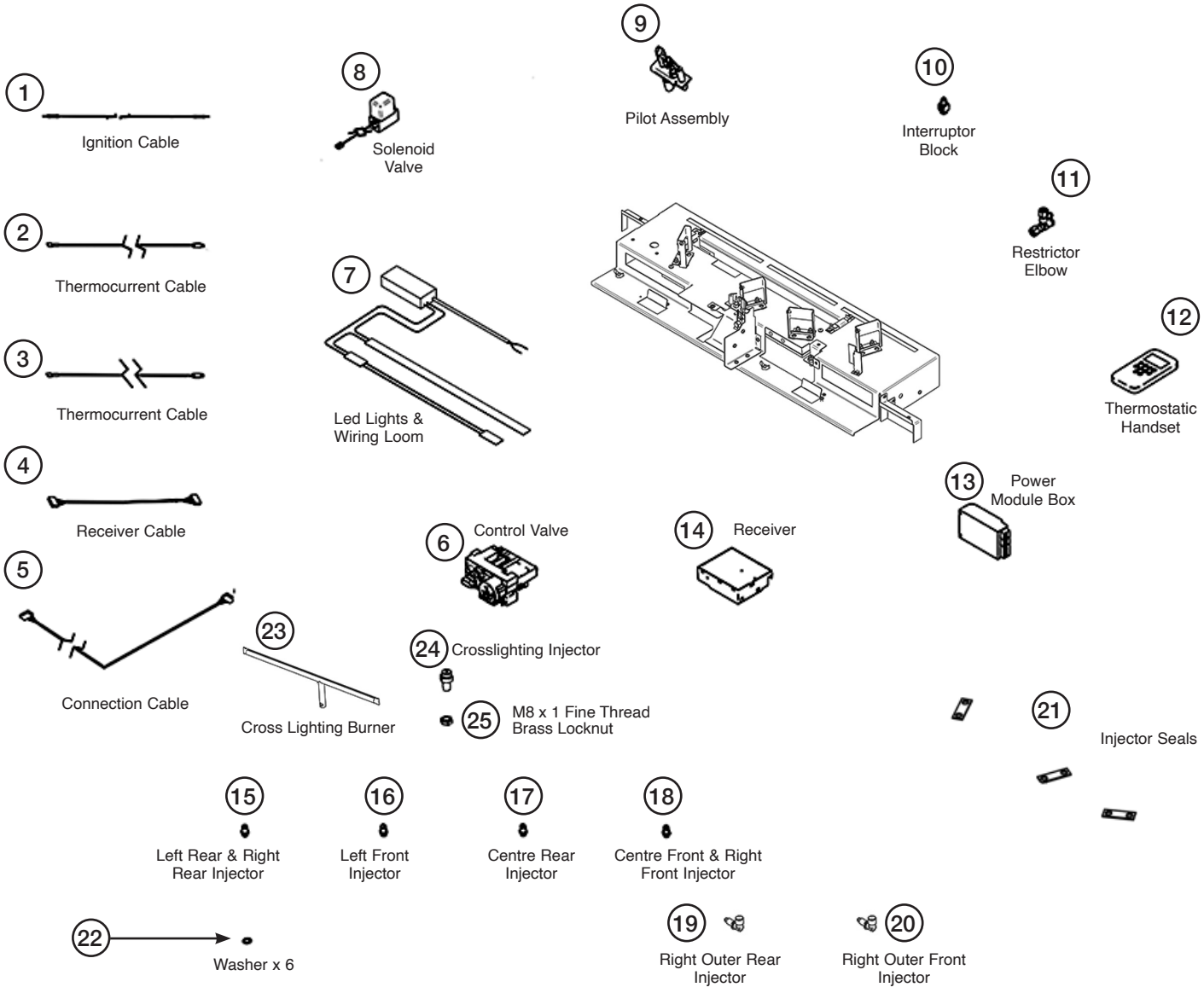
GAS TYPE	1	2	3	4	5	6		
						Black Glass	Brick Effect	Ledgestone
LPG	GZ15443	GZ15444	GZ15445	GZ15446	CE1738	991-393	991-351	991-364
Nat. Gas	GZ15283	GZ15284	GZ15285	GZ15286				

GAS TYPE	7	8	9	10
LPG	GZ14463	GZ14462	CE1737	CE1923
Nat. Gas				

Due to continual technical improvements please check online or with your Gazco retailer for the most up to date parts lists.

Only use Genuine Gazco spares when servicing your appliance.
All of our essential spare parts and consumable items are available to purchase from our webshop at www.gazcospares.com.

SPARES LIST - CONTROL ASSEMBLY



GAS TYPE	1	2	3	4	5	6	7	8	9	10	11	12
LPG	GC0125	GC0126	EL0590	EL0566	GC0133	GC0123K	EL0743	EL0563	PI0045	GC0124	GC0095	EL0655
Nat. Gas									PI0044			

GAS TYPE	13	14	15 (x2)	16	17	18 (x2)	19	20	21	22	23	24	25
LPG	EL0672	EL0697	IN0089 (S63)	IN0099 (S58)	IN0098 (S78)	IN0088 (S60)	IN0107 (63)	IN0108 (60)	CE1738	FA0735	GC0181	IN0092	FA0740
Nat. Gas			IN0083 (S104)	IN0084 (S102)	IN0081 (S120)	IN0085 (S92)	IN0031 (115)	IN0065 (102)				IN0101	

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INFORMATION REQUIREMENT FOR GASEOUS FUEL LOCAL SPACE HEATER

Model		Reflex 105 CF NG	Reflex 105 CF LPG
Fuel	Space Heating Emissions (NOx) - mg / kWh $_{input}$ (GCV)	130	130
Heat Output	Nominal Heat Output - P_{nom}	9.5kW	9.4kW
	Minimum Heat Output (indicative) - P_{min}	3.8kW	3.2kW
Auxiliary Electricity Consumption	At Nominal Heat Output - el_{max}	0.003kW	0.003kW
	At Minimum Heat Output - el_{min}	0.003kW	0.003kW
	In Standby Mode - el_{sb}	0.003kW	0.003kW
Useful Efficiency (NCV)	Useful Efficiency at nominal heat output - $\eta_{th,nom}$	76.0%	76.0%
	Useful Efficiency at minimum heat output (indicative) - $\eta_{th,min}$	66%	66%
Permanent Pilot Flame Power requirement	Permanent Pilot Flame Power requirement (if applicable) - P_{pilot}	N/A	N/A

TYPE OF HEAT OUTPUT/ROOM TEMPERATURE CONTROL		
Electronic room temperature control + day timer	Yes	Yes

OTHER CONTROL OPTIONS (MULTIPLE SELECTIONS POSSIBLE)		
Room temperature control, with presence detection	No	No
Room temperature control, with open window detection	No	No
With distance control option	No	No
With adaptive start control	No	No
With working time limitation	No	No
With black bulb sensor	No	No

Energy Efficiency Index	**72.8%**	**72.8%**
Energy Efficiency Class	**D**	**D**

Contact:	**Stovax Gazco Limited, Spitfire Avenue, Skypark, Clyst Honiton, Exeter, Devon, England EX5 2FR**

PRODUCT MATERIAL INFORMATION

The following substances, preparations or components should be disposed of or recovered separately from other WEEE in compliance with Article 4 of EU Council Directive 75/442/EEC.

Metal	Steel	Can be taken to a local recycling centre for reuse to reduce waste going to landfill.
	Cast iron	
Glass		Can be taken to a local recycling centre for reuse to reduce waste going to landfill.
Batteries (Handset and Control Box)		Dispose of at a supermarket, return to the store that sold them or a local recycling centre.
Lining Sets	**Vermiculite**	Non hazardous material. Vermiculite can be crushed up and used for plant bedding and ash used for composting or disposed of at a local recycling centre.
	Black Glass	Can be taken to a local recycling centre for reuse to reduce waste going to landfill.
	Black Reeded	These items are made from Refractory Ceramic Fibre (RCF), a material which is commonly used for this application. Protective clothing is not required when handling these articles, but it is recommended to follow normal hygiene rules of not smoking, eating or drinking in the work area and always wash hands before eating or drinking. When servicing the appliance it is recommended that the replaced items are not broken up, but are sealed within heavy duty polythene bags and labelled as RCF waste. RCF waste is classed as stable, non-reactive hazardous waste and may be disposed of at a licensed landfill site.
	Brick Effect	
	Ledgestone	
Rope Seals		
Logs		Log Fuel effects are not considered hazardous to health, but are non-recyclable and must be disposed of in accordance to the rules in force.
Electrical components	(Control assembly, Fan kits etc)	Dispose of at a local recycling centre in accordance with the WEEE directive.

SERVICE RECORDS

1ST SERVICE

Date of Service.....

Next Service Due .....

Signed .....

Retailer's Stamp/GasSafe Registration Number

2ND SERVICE

Date of Service.....

Next Service Due .....

Signed .....

Retailer's Stamp/GasSafe Registration Number

3RD SERVICE

Date of Service.....

Next Service Due .....

Signed .....

Retailer's Stamp/GasSafe Registration Number

4TH SERVICE

Date of Service.....

Next Service Due .....

Signed .....

Retailer's Stamp/GasSafe Registration Number

5TH SERVICE

Date of Service.....

Next Service Due .....

Signed .....

Retailer's Stamp/GasSafe Registration Number

6TH SERVICE

Date of Service.....

Next Service Due .....

Signed .....

Retailer's Stamp/GasSafe Registration Number

7TH SERVICE

Date of Service.....

Next Service Due .....

Signed .....

Retailer's Stamp/GasSafe Registration Number

8TH SERVICE

Date of Service.....

Next Due .....

Signed .....

Retailer's Stamp/Gas Safe Registration Number

9TH SERVICE

Date of Service.....

Next Service Due .....

Signed .....

Retailer's Stamp/GasSafe Registration Number

10TH SERVICE

Date of Service.....

Next Service Due .....

Signed .....

Retailer's Stamp/GasSafe Registration Number

FOR ENQUIRIES IN THE U.K (EXCLUDING NI):

Stovax Gazco Limited, Spitfire Avenue, Skypark, Clyst Honiton, Exeter, Devon, England EX5 2FR Tel: (01392) 261900 E-mail: info@gazco.com

FOR ENQUIRIES IN EUROPE (INCLUDING NI):

Stovax Heating Group (NI) Ltd (Comp reg NI675194), 40 Linenhall Street, Belfast, BT2 8BA DX 400 NR Belfast Tel: +44 (0)1392 261990 E-mail: northernireland@gazco.com

E & O E

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