



Riva2 750HL

Inset Convector Fire - Balanced Flue
with Thermostatic Remote Control



Installation 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.

CONTENTS

RIVA2 750HL - BALANCED FLUE

Covering the following models:

RIVA2 750HL					
	Black Reeded Lining	Vermiculite Lining	Brick Effect Lining	Ledgestone Lining	Black Glass Lining
Nat Gas	134-033	134-047	134-059	134-076	134-084
LPG	134-421	134-439	134-466	134-480	134-495

Appliance Commissioning Checklist	3
User Instructions	4
Installation Instructions	12
Technical Specifications	15
Installation	19
Commissioning	38
Servicing Instructions	39
Fault Finding	39
How to Replace Parts	42
Spare Parts List	50
Information Requirement - Gas Heaters	52
Service Records	53



If you have purchased your stove or fire from an authorised stockist within our Expert Retailer Network, then automatically your product will carry a 2 year warranty as standard. The 2 year warranty can be further extended to a total warranty period of 5 years by registering your Gazco Stove or Fireplace within one month of the latter of the purchase date or installation date. Accordingly, the start date for the warranty period is the date of purchase. During the registration process, the Expert Retailer details will be required for your Extended Warranty to be activated. Any product purchased outside of our Expert Retailer Network will carry a standard 12 month, non-extendable warranty.

It is a condition of the Extended Warranty that the installation complies with the relevant Building Regulations and is carried out by a suitably trained and qualified individual (GasSafe in the UK or equivalent in other countries) with the certificate of installation and the Commissioning Report on Page 3 completed and retained by the end user.

Full terms and conditions are detailed in the Warranty Statement on the Gazco website www.gazco.com. In the event of any conflict of information the wording on the website shall prevail.

Important Note: Should any problems be experienced with your product, claims must first be submitted to the Expert Retailer where the appliance was purchased from who will offer immediate assistance or contact Gazco on your behalf.



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 N/A		
3. Spillage Test N/A		
GAS CHECK		
1. Gas soundness & let by test		
2. Standing gas pressure	mb	
3. Appliance working pressure (on High Setting) Minimum Pressure Requirement: NG - 17.5mbar 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 N/A		
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		
BUILDING CONTROL NOTIFICATION		
	YES	NO
1. Installer notified GasSafe/Local Authority of installation via Competent Persons Scheme?		

RETAILER AND INSTALLER INFORMATION

Retailer	Installation Company
.....
.....
Contact No.	Engineer
Date of Purchase	Contact No.
Model No.	GasSafe Reg No.
Serial No.	Date of Installation
Gas Type	

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 attached to the lower slotted trim or on the Commissioning Checklist on Page 3.

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.

If, for any reason, the flue has to be removed from the appliance, the seals must be replaced in the inner spigot.

Do not obstruct the flue terminal in any way, i.e. by planting flowers, trees, shrubs etc. in the near vicinity, or by leaning objects against the terminal guard.

Do not put any objects on the terminal guard; it will lose its shape.

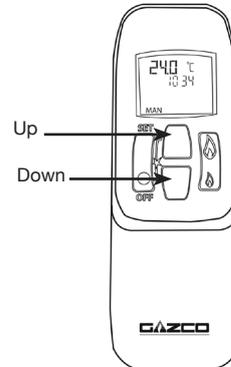
If you use a garden sprinkler, do not let quantities of water into the flue terminal.

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.

IMPORTANT: NEVER position a television or screen above this appliance.

OPERATING THE APPLIANCE

The appliance is operated by thermostatic remote control.



Turning the appliance On

Your remote can control the gas appliance from pilot ignition through to shut down.

To turn the appliance on press the OFF button and the UP button simultaneously. You hear several short signals.

The pilot and main burner 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 3 different modes available for controlling and operating the appliance:

1. Manual Mode
2. Temp Mode (Automatic)
3. Timer Mode (Automatic)

In **MANUAL MODE** you can:

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

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

- set the room temperature so the thermostat in the remote automatically maintains that temperature

In **TIMER MODE (Automatic)** the appliance:

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



NOTE: When operating the appliance in Temp or Timer mode, the pilot remains lit and the appliance then automatically switches on at programmed times 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.

SWITCHING BETWEEN MODES

Press the SET button to change to Temperature Mode. Press again to change to Timer Mode. Keep pressing to run through all operating modes. These are:

- MAN
- DAY TEMP
- NIGHT TEMP
- TIMER

and back to MAN

NOTE: MAN mode can also be reached by pressing either the UP or DOWN button.

MANUAL MODE

Press the OFF button and the UP button simultaneously. You hear several clicks and audible beeps as the appliance begins the ignition process, (up to 30 seconds).

Turning the appliance Off:

Press the OFF button to turn the appliance off.

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

Increasing the Flame Height:

Press the UP button once to increase flame height one stage. Press and hold the UP button to increase to maximum.

Decreasing the Flame Height:

Press the DOWN button once to decrease flame height one stage. Press and hold the DOWN button to decrease to minimum. At the lowest point the appliance goes to 'Standby Mode' (Only Pilot lit).



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

TEMP MODE (AUTOMATIC)

The display shows the current **room** temperature.

To increase or decrease the appliance's output:

Press the SET button to select either the DAY TEMP or the NIGHT TEMP mode by briefly pressing the SET button.

Hold the SET button until the TEMP display flashes and then let go.

Set the desired temperature with the UP and DOWN arrows. (Minimum temperature 5C, maximum 40C or 40F to 99F when Fahrenheit is the preferred option)

Press the OFF button to stop the display flashing or wait to return to TEMP mode.



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

If you would like the Night temperature control to turn off then decrease the temperature until [--] is displayed.

TIMER MODE (AUTOMATIC)

There are two programmable settings you can make over a 24 hour period, P1 and P2. These are normally used to provide an early morning and evening setting for each working week:

- P1 + ● = Start Timed Setting 1
- P1 + ⤴ = End of Timed Setting 1
- P2 + ● = Start Timed Setting 2
- P2 + ⤴ = End of Timed Setting 2

P1 - Program 1 for a Timed Setting

Press the SET button until the TIMER mode is displayed.

Hold the SET button. The displays flashes the current time for P1. **While the time displayed is flashing you can alter the hours and minutes set.**

- To set the time your appliance first lights, change P1 ●
- Press the UP button to alter the hour.
 - Press the DOWN button to alter the minutes in 10 minute increments.

Press SET again to move to the end setting for P1 ⤴ This is the time your appliance first shuts down:

- Press the UP button to alter the hour.
- Press the DOWN button to alter the minutes.

P2 - Program 2 for a Timed Setting

Use the same steps outlined in 2.8 to change the setting for P2. If you have already set P1 and want to alter the setting for P2 only:

- Press the SET button until TIMER mode is displayed.
- Hold the SET button **until the display flashes the current time** for P1 ●
- Press the SET button once again to scroll past the settings for P1 ● and P1

With the time still flashing:

- Press the UP button to alter the hour
- Press the DOWN button to alter the minutes

Once all four times are set press the OFF button.

To view existing settings:

- Select Timer Mode
- Press and briefly hold the SET button you see the start time for P1.
- Repeat the above step for the start and end of each program.

Low Battery

“BATT” is displayed on the remote when its batteries need replacement.

Setting the time

Simultaneously press the up and down buttons.

Press the up button to set the hour and the down button to set the minutes.

Press OFF to return to the manual mode or simply wait.

Setting the °C/24 Hour or °F/12 Hour clock

Press OFF and the down arrow until the display changes from °C/24 hour clock to °F/12 hour clock and vice versa.

i If the remote is removed, lost or damaged, signals transmitted to the receiver cease. Your appliance will go to standby (pilot) mode after 6 hours.

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.

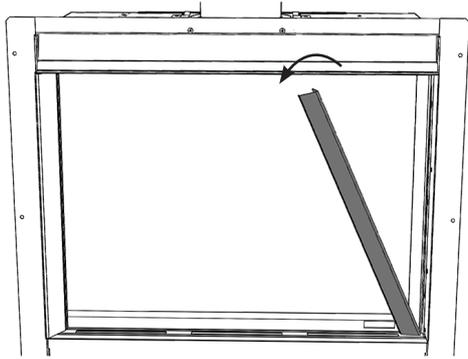
If you smell gas, open doors and windows and never operate any electrical switches. Immediately call the Gas Emergency Services on 0800 111 999.

CHANGING APPLIANCE BATTERIES

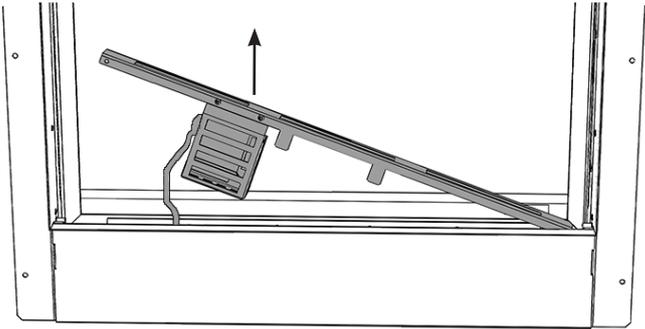
The appliance batteries are located on a bracket attached to the lower slotted trim.

Make sure the appliance and surrounds are cool before removing the batteries.

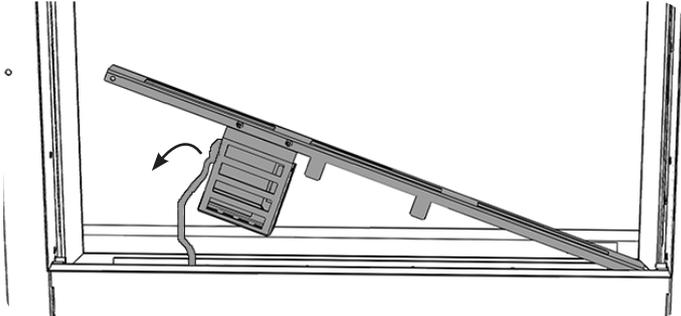
Remove the 2 side trims. These are held on by magnets.



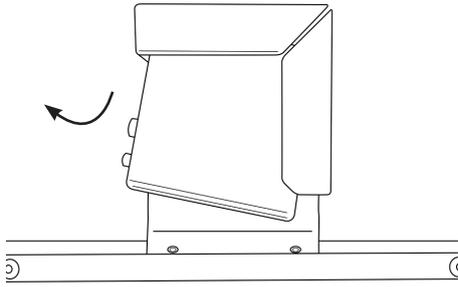
Lift out the bottom slotted trim. Note the orientation of the battery box for reassembly.



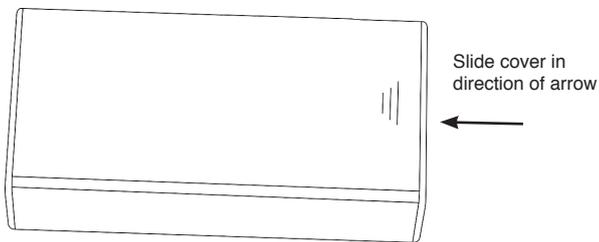
Disconnect the battery lead from the battery pack.



Remove the battery pack from the bracket.



Remove the cover by sliding off in the direction of the arrow as shown.



Correctly position the four new AA size batteries into the battery holder.

i It is essential to use high quality batteries (Duracell or equivalent) when replacing batteries in the handset or control box.

Re-assemble in reverse order.

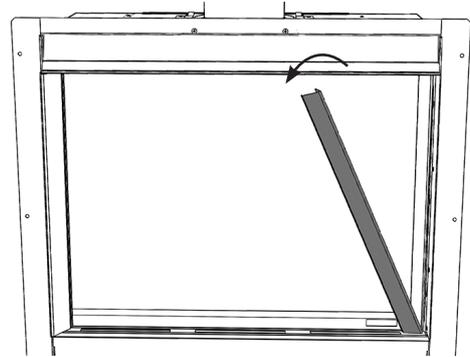
! PLEASE ENSURE NO WIRES ARE TRAPPED BEFORE REPLACING THE LOWER SLOTTED TRIM. THE LEADS ARE EASILY DAMAGED.

CLEANING THE APPLIANCE

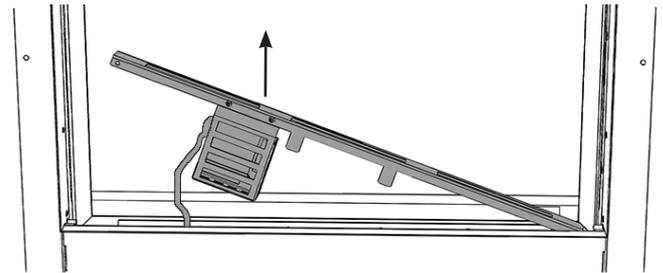
Make sure the appliance and surrounds are cool before cleaning.

If a decorative front has been fitted to the appliance, please remove by referring to the separate instructions supplied.

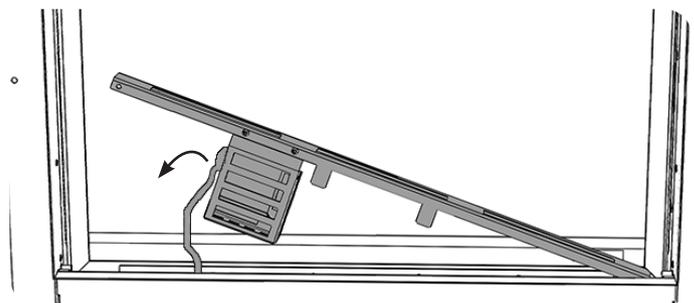
Remove the glass frame by removing the 2 side trims. These are held on by magnets.



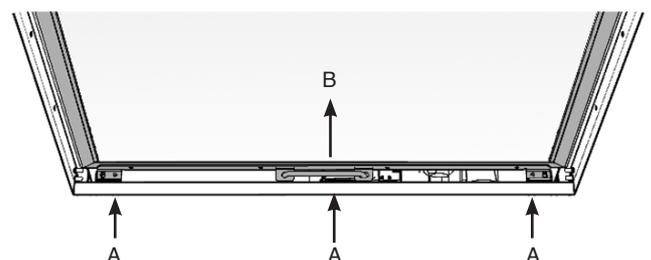
Lift out the bottom slotted trim. Note the orientation of the battery box for reassembly.



Disconnect the battery lead from the battery pack attached to the lower slotted trim.

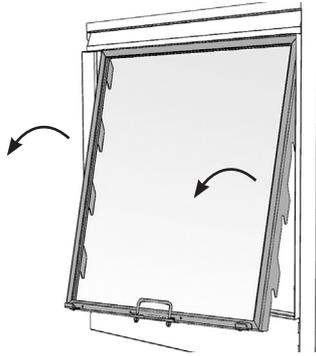


Remove the screws at the base of the glass frame see A.



Pull up the handle at the front, see B.

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



Remove the logs and Embaglow and place on a dry, clean surface.

The logs should not require cleaning. Do not use a vacuum cleaner or brush to clean the logs, any large pieces of debris may be removed by hand.

Ensure any debris is removed from the burner ports.

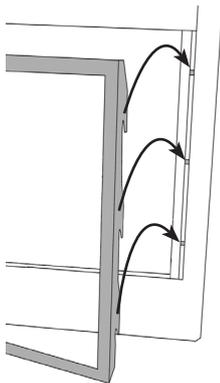
Use a damp cloth to clean the outer casing of the appliance.

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, ensuring that the battery box is connected and in the correct orientation.



PLEASE ENSURE NO WIRES ARE TRAPPED BEFORE REPLACING THE LOWER SLOTTED TRIM. THE LEADS ARE EASILY DAMAGED.

Replace the 2 magnetic side trims.

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

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

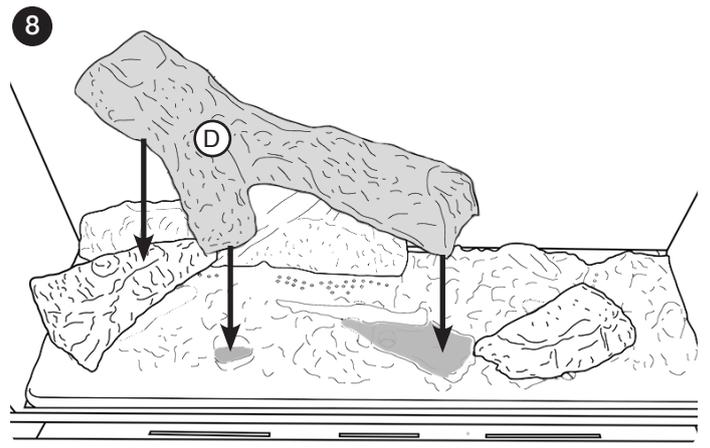
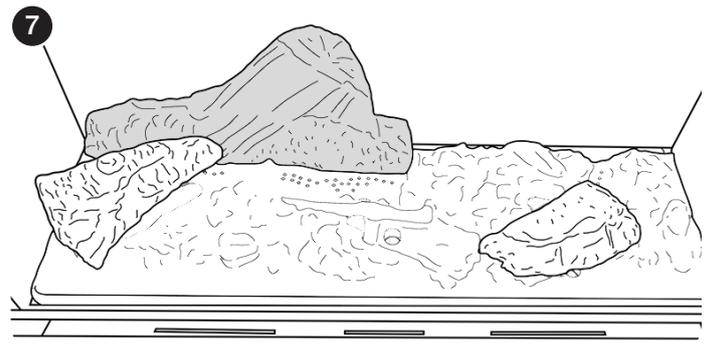
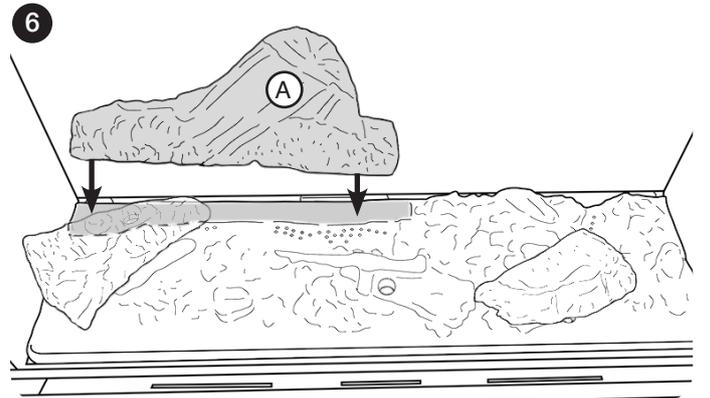
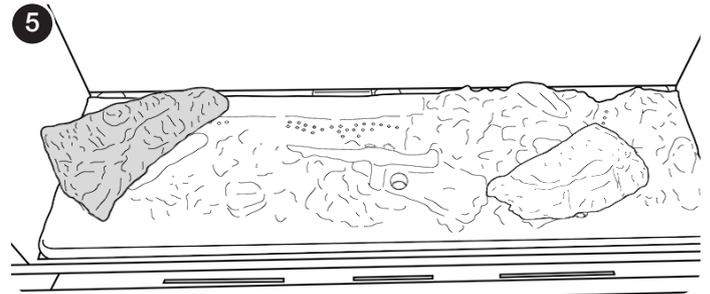
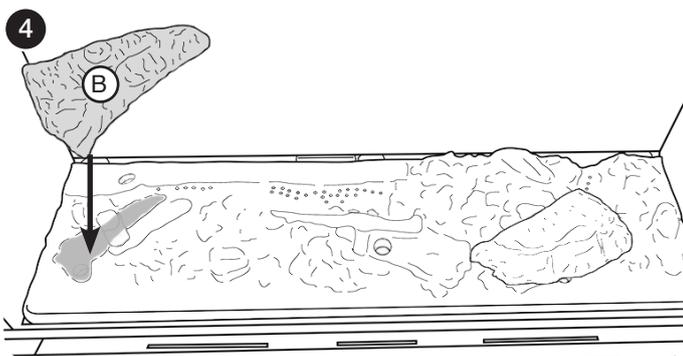
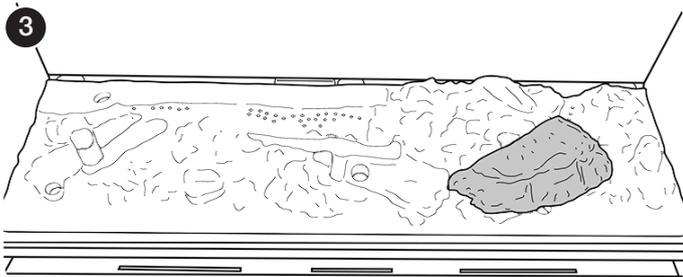
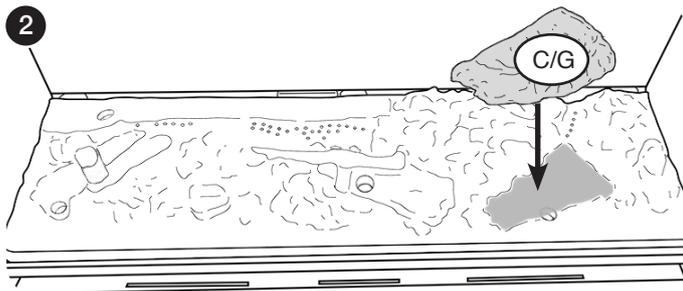
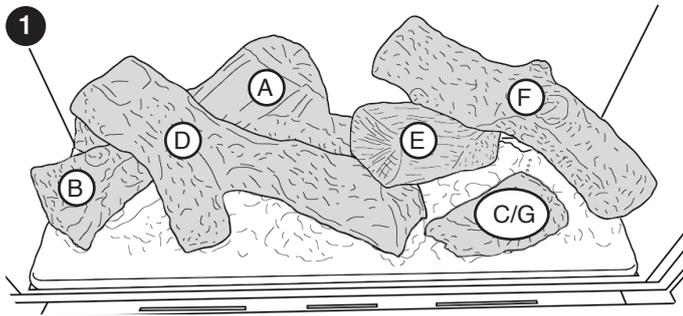
NOTE: ENSURE THAT THE LOGS ARE POSITIONED CORRECTLY. ONLY USE THE CORRECT AMOUNT OF LOGS AS SPECIFIED IN THE DIAGRAMS.

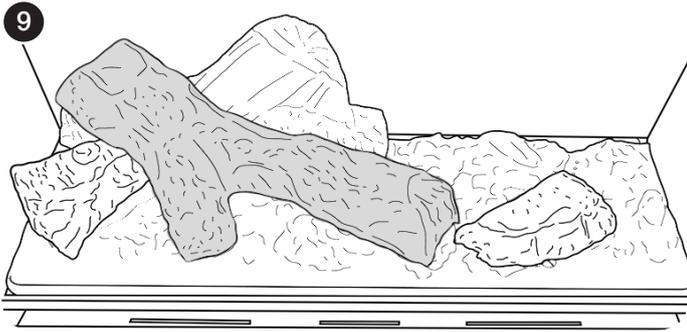
LOG LAYOUT

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

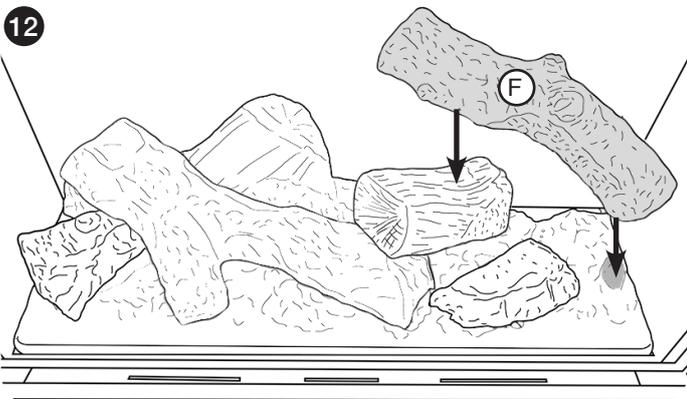
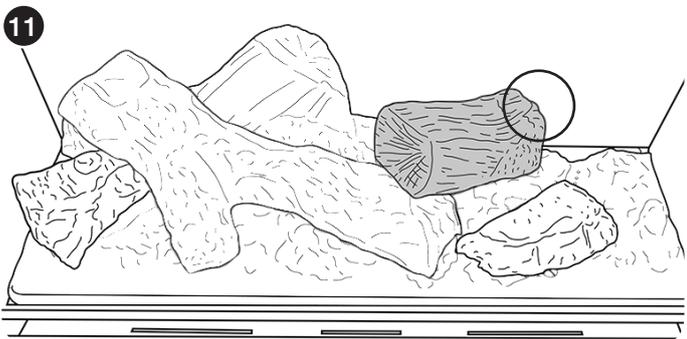
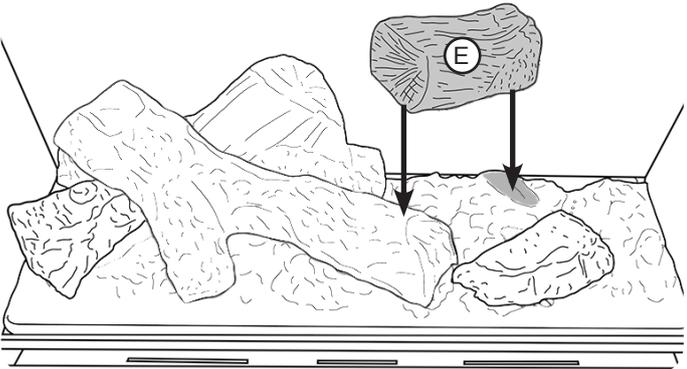
Ensure the Burner Tray and Log Burners are clean and free from any debris.
The main components are clearly individually labelled.

Note: There is a change to one of the logs depending on whether the appliance uses Natural Gas or LPG.
Natural Gas has the complete set A-F sequentially.
LPG has Log G instead of C.
Ensure that you have the right log for the gas type used.

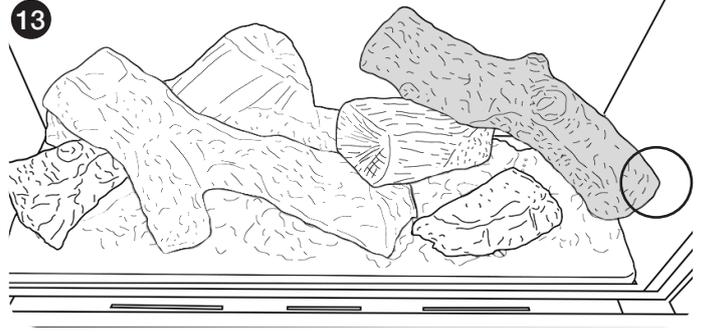




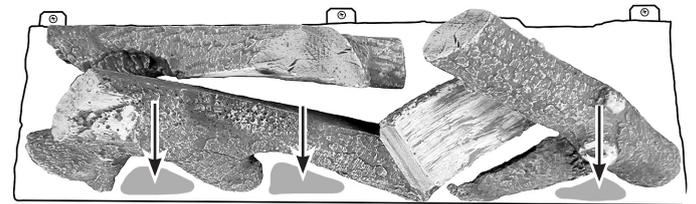
10
Position the charred end of log E on the location point on the burner, with the log touching the back liner.



The back edge of log F should rest against the back liner.

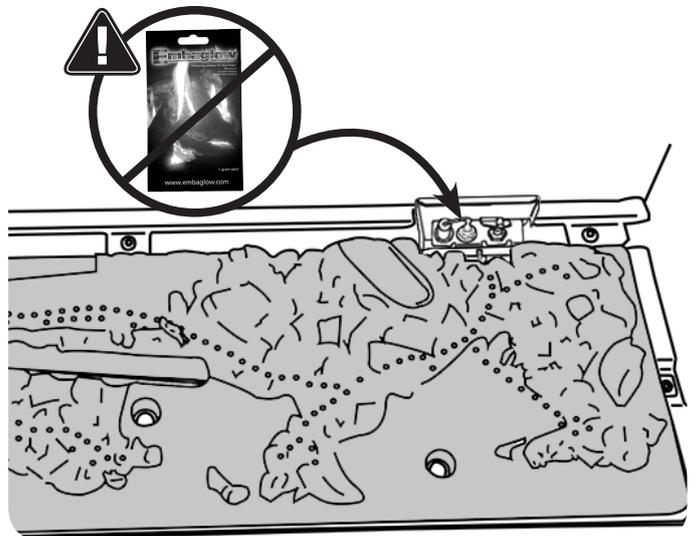


14
Sparingly spread an amount of the Embaglow fibres provided, covering the ports in the burner tray. This will create a glowing effect when the appliance is lit.



Take care not to use more than half a packet per application.

WARNING - DO NOT PLACE NEAR THE PILOT AREA.



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

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.

SERVICING



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 (Page 3).

VENTILATION

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

INSTALLATION DETAILS

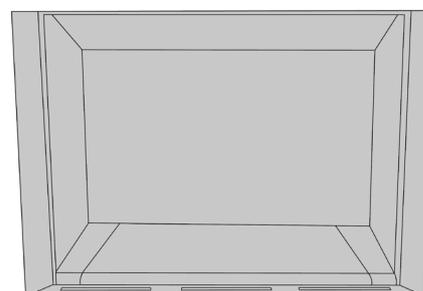
Your installer should have completed the commissioning sheet at the front of this book. This records the essential installation details of the appliance. In all correspondence always quote the Model number and Serial number.

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.



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.

INSTALLATION INSTRUCTIONS

APPLIANCE LOCATION

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) Stud work with an Edge finish.
- 4) Stud work with a decorative front.

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

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.

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.

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.



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.

FOR DETAILS OF CHANGING BETWEEN GAS TYPES REFER TO SERVICING SECTION REPLACING PARTS.

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.

FLUE & CHIMNEY REQUIREMENTS

Note: This appliance must only be installed with the flue supplied.

The following must be adhered to:

The flue must be sited in accordance with BS5440: Part 1 (latest edition).

Fit a guard to protect people from any terminal less than 2 metres above any access such as level ground, a balcony or above a flat roof.

All vertical and horizontal flues must be securely fixed and fire precautions followed in accordance with local and national codes of practice.

Two types of flue terminals are available, horizontal and vertical.

To measure for a horizontal terminal decide on the terminal position.

Measure the height from the top of the appliance to the centre of the required outlet.

For minimum and maximum flue dimensions see relevant sections.

A restrictor may be required. Refer to Technical Specifications.

Allow enough room either above or to the side of the appliance to assemble the flue on top.

Assemble a horizontal flue in the following order:

- Vertical section
- 90° elbow
- Horizontal plus terminal

Support the opening of a masonry installation with a lintel.

Only the horizontal terminal section can be reduced in size.

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 LEFT-HAND side on the rear of the outer box. Slit with a sharp knife prior to passing the supply pipe through.

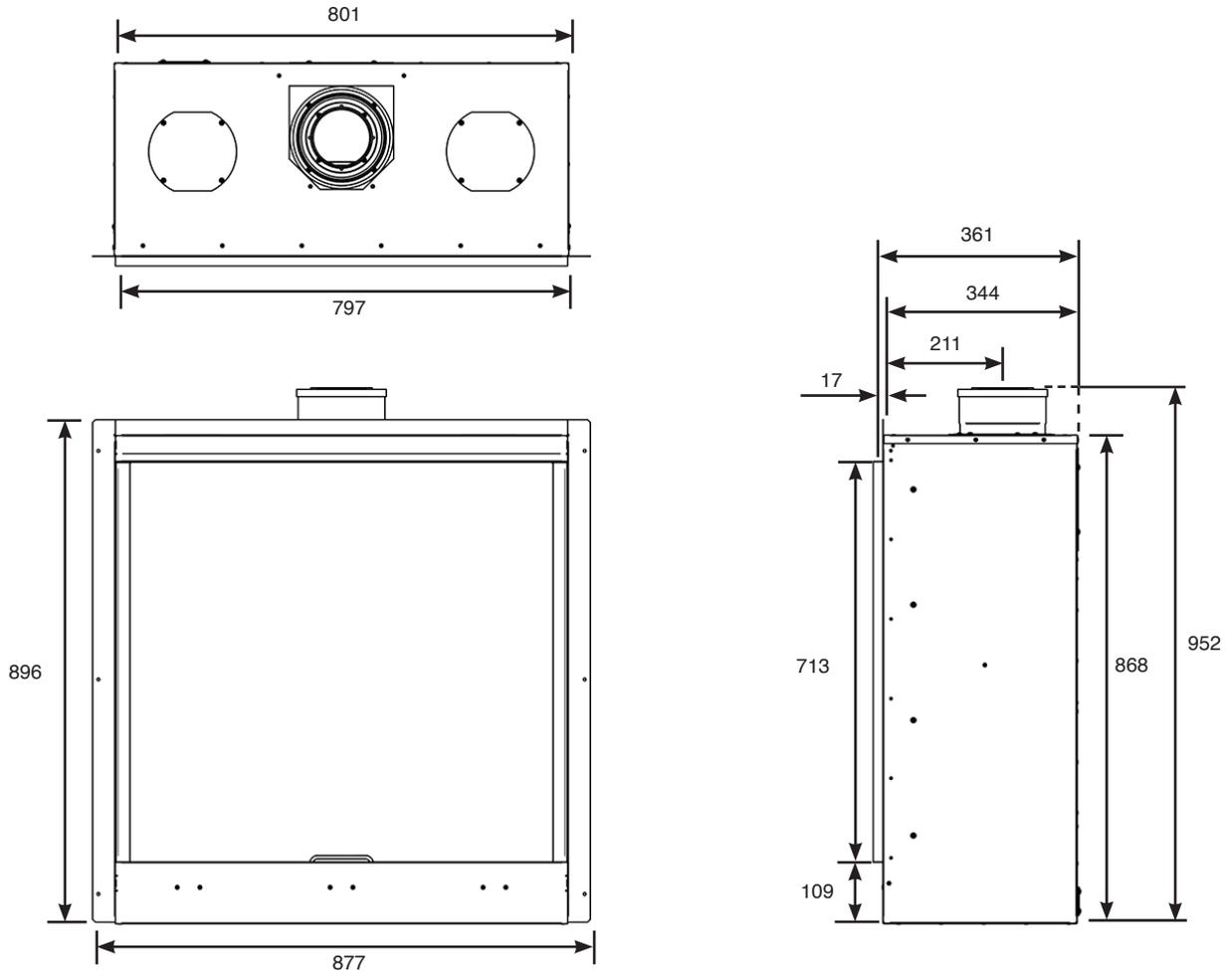
The gas supply must be installed in a way that does not restrict the removal of the appliance for servicing and inspection.

VENTILATION

The installation of this product requires no additional ventilation modifications to the building.

However, it will be necessary to ensure the housing for the appliance has vents provided to allow air to circulate and prevent overheating.

DIMENSIONS



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 and burner assembly	1 x Instruction manual
1 x Set of lining panels - fitted.	6 x Woodscrews
1 x Log set (6 logs)	6 x Wall plugs
	1 x Self adhesive foam strip
	1 x Handset
	4 x AA cell batteries
	1 x 9v cell battery
	1 x Battery Holder
	1 x 60mm Restrictor

TECHNICAL SPECIFICATION

MODEL	GAS CAT.	GAS TYPE	WORKING PRESSURE	AERATION	INJECTOR	GAS RATE M ³ /H	INPUT KW (GROSS)		COUNTRY
							HIGH	LOW	
Riva2 750HL	I ₂ H	Natural Gas (G20)	20mbar	2 x 8mm Ø	084	0.794	8.4	5	GB, IE
	I ₃ P	Propane (G31)	37mbar	2 x 17mm Ø	150	0.303	8.2	5	
Efficiency Class 1 - 92% / NO_x Class 4									
Flue Outlet Size Ø 100mm									
Flue Inlet Size Ø 152mm Ø									
Gas Inlet Connection Size Ø 8mm									

RESTRICTOR REQUIREMENT - VERTICAL & HORIZONTAL FLUE SPECIFICATION

Riva2 750 - Nat Gas		
Vertical flue height from top of appliance	Horizontal length	Restrictor size
700mm - 999mm	Up to 500mm	N/A
1000mm - 1499mm	Up to 1000mm	N/A
1500mm - 2499mm	Up to 5000mm	N/A
2500mm - 3000mm	Up to 5000mm	70mm
Riva2 750 - LPG		
Vertical flue height from top of appliance	Horizontal length	Restrictor size
700mm - 999mm	Up to 500mm	N/A
1000mm - 1499mm	Up to 1000mm	N/A
1500mm - 1999mm	Up to 3000mm	N/A
2000mm - 3000mm	Up to 4000mm	N/A

TOP EXIT - VERTICAL ONLY INCLUDING OFFSET

Riva2 750 - Nat Gas	
Vertical flue height from top of appliance	Restrictor size
3000mm - 5999mm	60mm
6000mm - 10000mm	52mm (Sliding Restrictor)

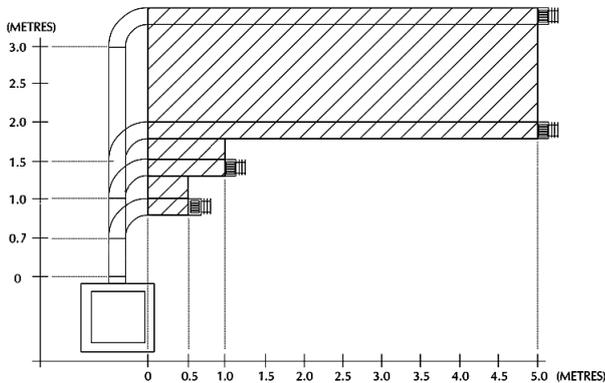
TOP EXIT - VERTICAL ONLY INCLUDING OFFSET

Riva2 750 - LPG	
Vertical flue height from top of appliance	Restrictor size
3000mm - 10000mm	60mm

i 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 82.9% (Nat Gas) and 84.7% (LPG). 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.

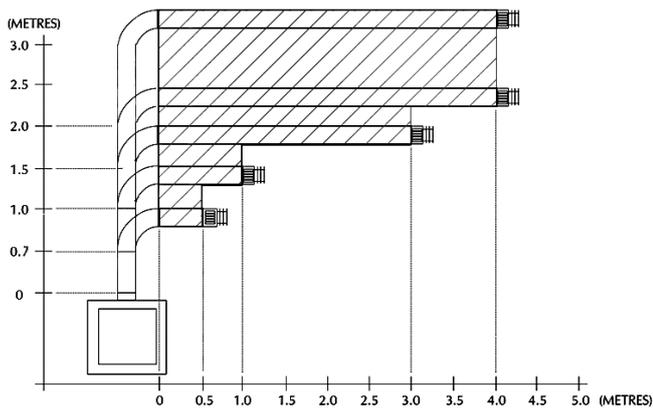
FLUE OPTIONS

NATURAL GAS MODELS



Start of bend to centre line of horizontal flue 170mm. Centre line of vertical flue to end of bend 220mm.

LPG MODELS



Start of bend to centre line of horizontal flue 170mm. Centre line of vertical flue to end of bend 220mm.

i This Gazco balanced flue system is designed to run internally with only the terminal projecting from the building.

TOP FLUE UP AND OUT KIT 8509/ 8509AN

Vertical from the top of the appliance then horizontally out. The basic kit comprises:

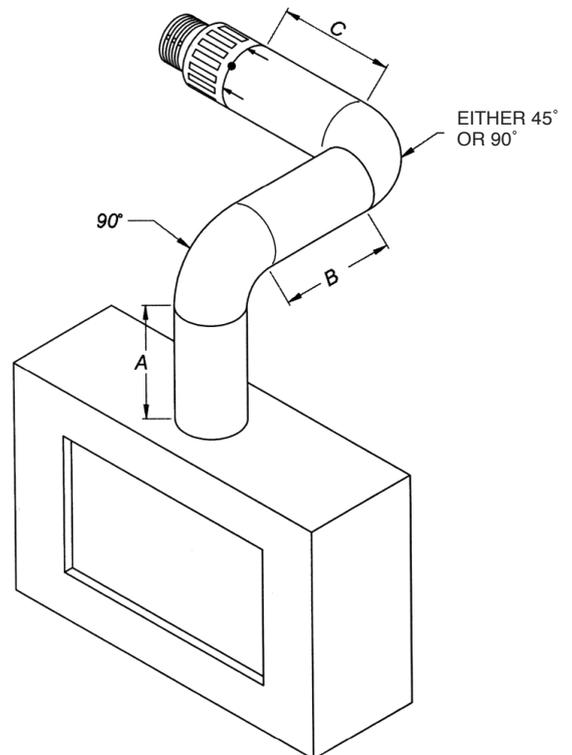
- 1 x 500mm terminal length
- 1 x 200mm vertical length
- 1 x 90 degree elbow
- 1 x 500mm vertical length
- 1 x wall plate
- 1 x 60mm restrictor
- 1 x 70mm restrictor
- 1 x 75mm restrictor
- 4 x fixing screw

This kit provides the minimum materials. Extra lengths can be added to the vertical and horizontal sections.

Refer to Installation Instructions, Technical Specification on page 15 to identify when to use a restrictor.

TOP FLUE UP AND OUT WITH ADDITIONAL BEND

Any additional bend may be used on the horizontal section (either 45° or 90°), but the overall horizontal flue run will be reduced.



When A = 1.5 to 1.999 metres B + C = 2.0 metres maximum
When A = 2 metres to 3 metres B + C = 3 metres maximum

FLUE OPTIONS

TOP FLUE VERTICAL KIT (999-539/ 999-539AN)

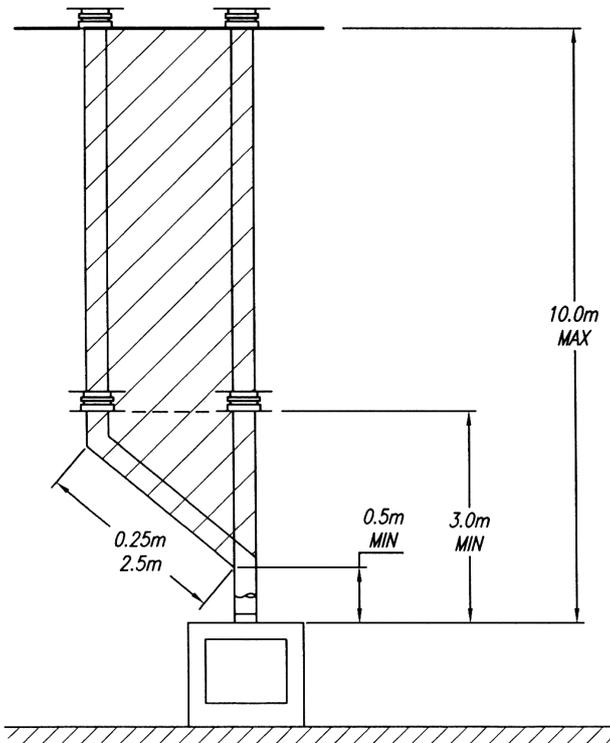
Vertical from the top of the appliance. A minimum vertical rise of 3m (9'10") to a maximum of 10m (32'10").

The basic kit comprises:

The basic kit comprises:

- 2 x 1m lengths
- 1 x 1m terminal lengths
- 1 x 52mm restrictor (sliding plate assembly)
- 1 x 47mm restrictor (sliding plate assembly)

Extra lengths may be added from the table.



IMPORTANT:
1M VERTICAL, TERMINAL AND STRAIGHT FLUE LENGTHS MUST NOT BE CUT!

TOP FLUE VERTICAL OFFSET KIT (8530/8530AN)

Used with kit 8524. A minimum rise of 500mm (19 1/2") is required to the first bend.

OPTIONAL EXTRA FLUE LENGTHS AND BENDS

All flue components are 150mm diameter (6")

NOMINAL LENGTH	ACTUAL LENGTH	STAINLESS FINISH	ANTHRACITE FINISH
200mm	140mm	8527	8527AN
500mm	440mm	8528	8528AN
1000mm	940mm	8529	8529AN
40° Bend	N/A	8507	8507AN
90° Bend	N/A	8508	8508AN

NOTE: The following areas need careful consideration.

- a) Terminal positions
- b) Flue supports
- c) Weatherproofing
- d) Fire precautions

For all the above options, local and national codes of practice must be adhered to.

CHIMNEY RENOVATION KIT (928-315)

Details of the Chimney Renovation Kit are available in the separate installation instructions - PR2073 Chimney Renovation Kit instructions.

APPLIANCE LOCATION

i

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.

i

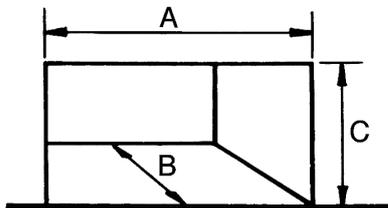
Mantels, Hearths & Slips

If fitting this appliance with a decorative surround it will be necessary to install the appliance with a hearth and Slip set.

The hearth must have a minimum depth of 225mm. It is essential to ensure that a height of 123mm is maintained from the finished floor to the bottom edge of the viewing area.

Read these instructions in conjunction with the manual supplied before installation.

The minimum opening dimensions are shown;

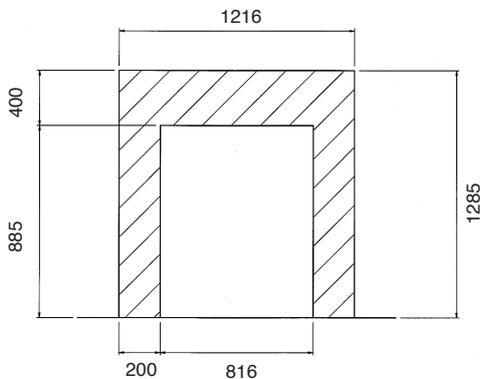


DIMENSION	RIVA2 750
A	816mm
B	380mm
C	885mm

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.

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



STUDWORK INSTALLATION



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 stabilise).

Ensure all distances to combustible materials are maintained.

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.

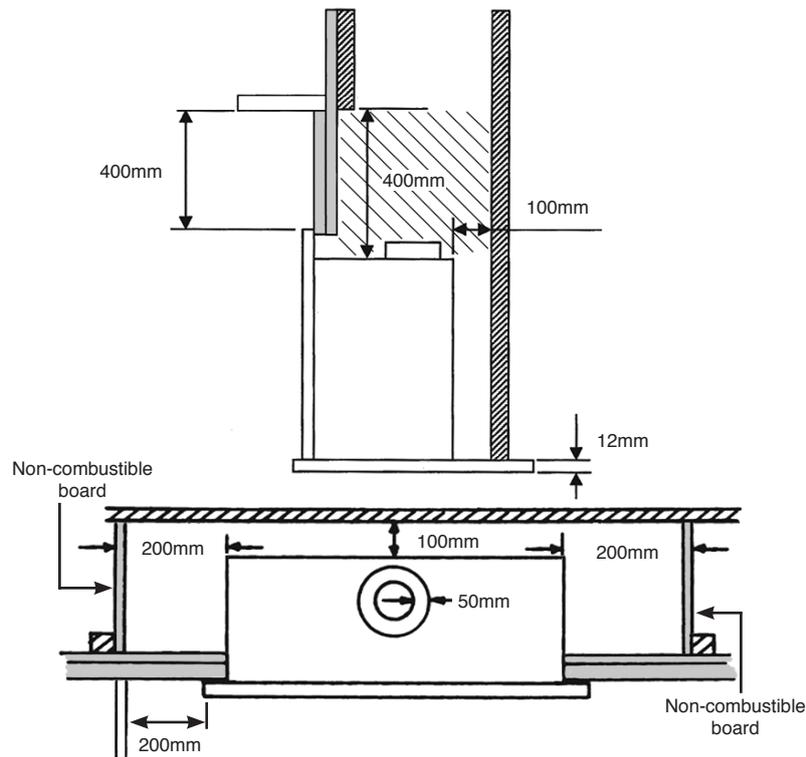
Do not pack the void around or above the appliance with insulation materials such as mineral wool.

The void 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 level vents on both sides of the cavity of approximately 200cm² each. These vents should 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.

MINIMUM COMBUSTIBLE MATERIAL CLEARANCES



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.

MASONRY INSTALLATION

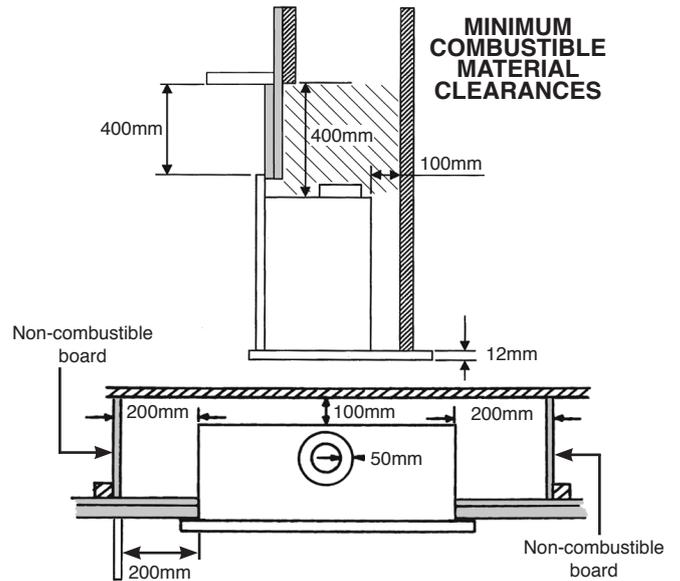
Please note this appliance has been primarily designed for studwork applications. However, there are circumstances where the appliance could be installed in a block or brickwork fireplace using different methods and materials for the final effect. **THIS VOID MUST BE VENTED TO PREVENT HEAT BUILD UP AROUND THE APPLIANCE.**

This appliance is not suitable for installation onto a combustible wall. Remove all combustible material from the area shown, see Diagram.

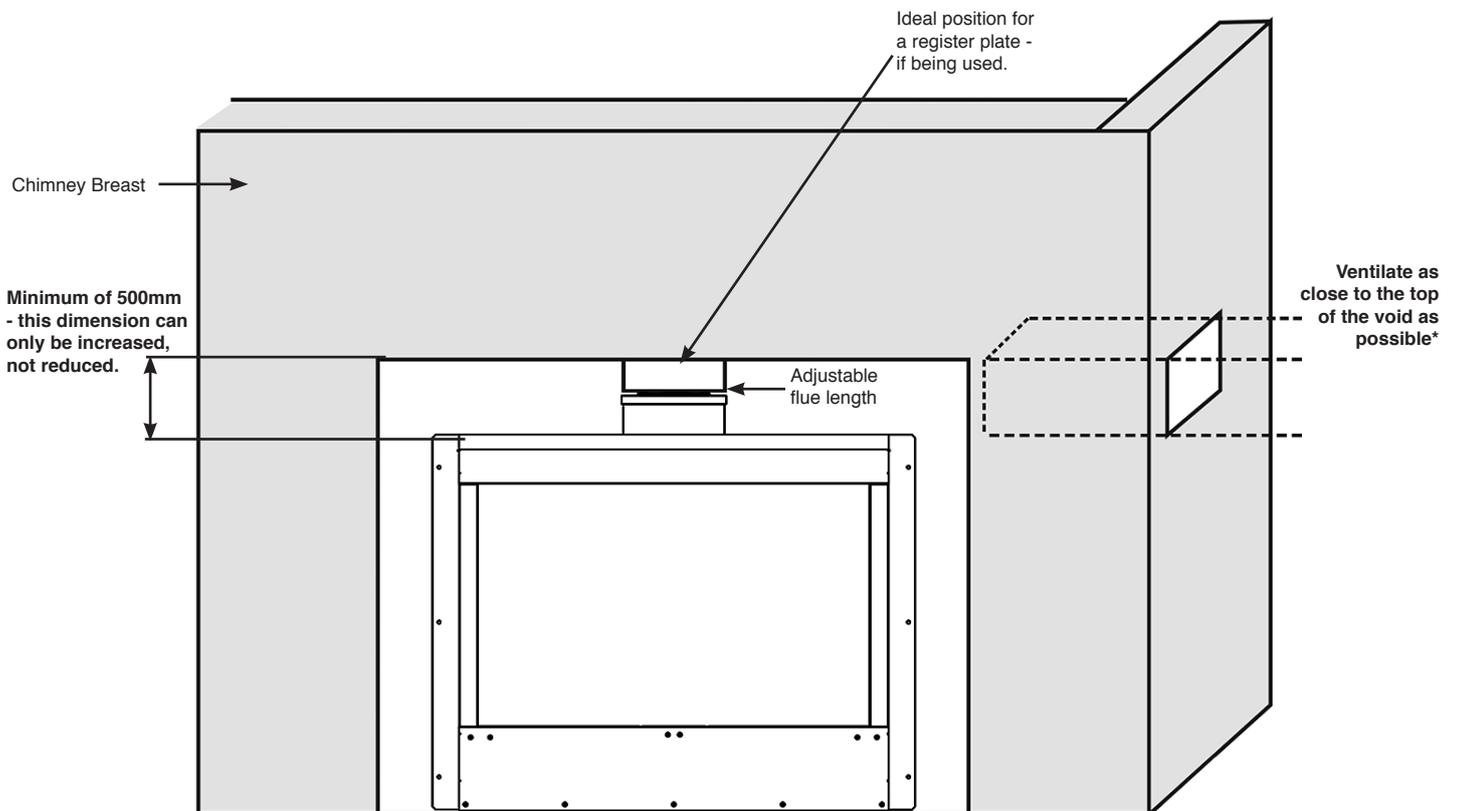
Create a Builders Opening in chimney breast to the required size. Ensure that the clearances to combustible materials is maintained.

In addition to constructing the Builder's Opening to the required size each side must have a high and low vent of 200cm² to allow convection air to travel around the product.

The high vents should be within the 500mm gap above.



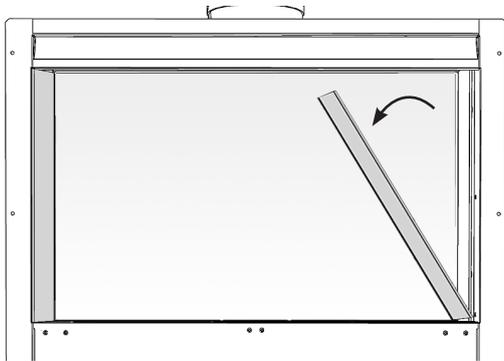
Ideal Masonry Installation



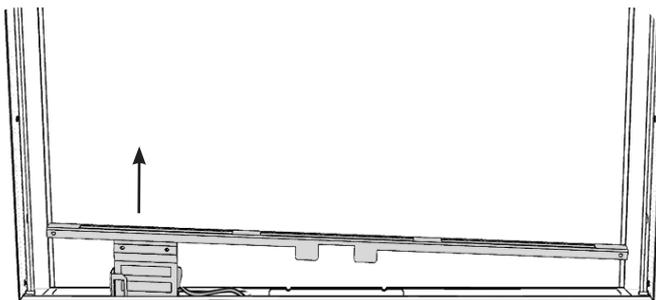
PRE-INSTALLATION

REMOVING THE GLASS FRAME

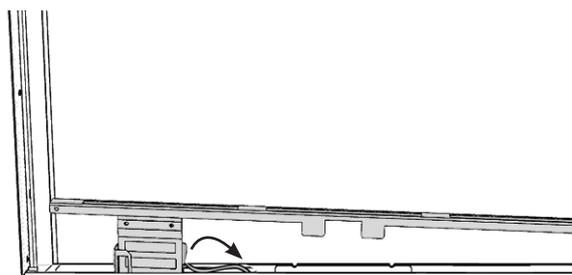
Remove the glass door by removing the 2 side trims. These are held on by magnets.



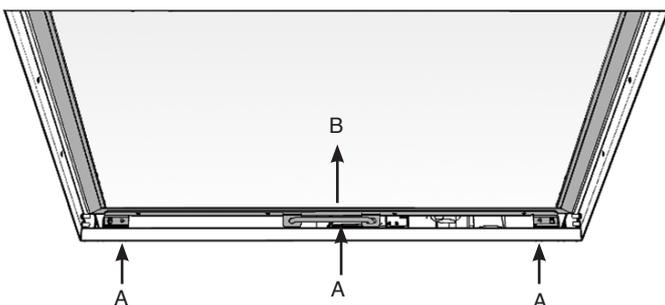
Lift out the bottom slotted trim. Note the orientation of the battery box for reassembly.



Disconnect the battery lead from the battery pack attached to the lower slotted trim.

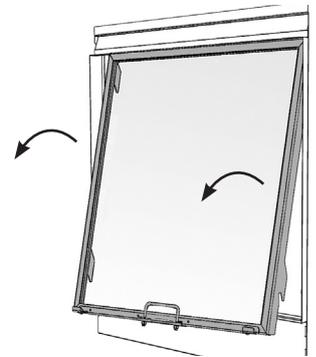


Remove the screws at the base of the glass frame see A.



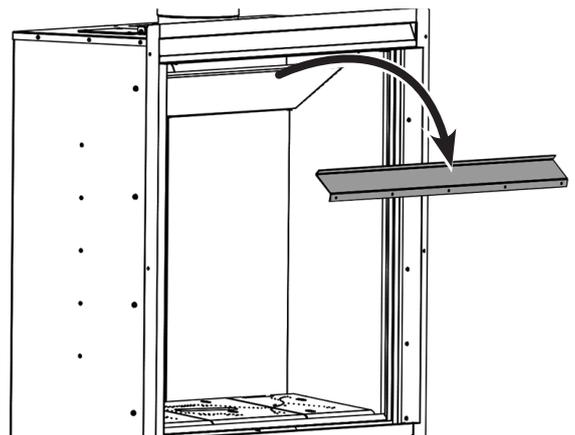
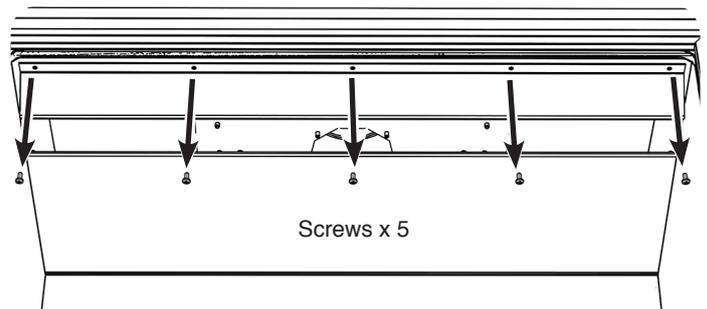
Pull up the handle at the front.

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



REMOVING THE BAFFLE AND LINERS

BAFFLE

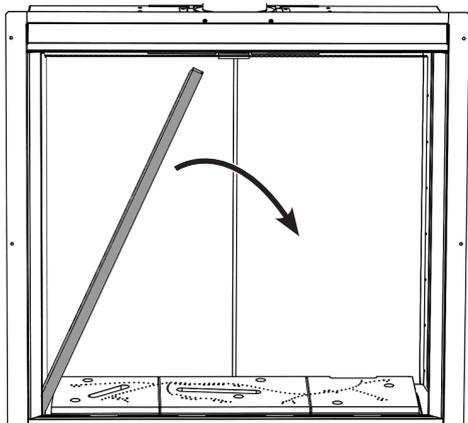
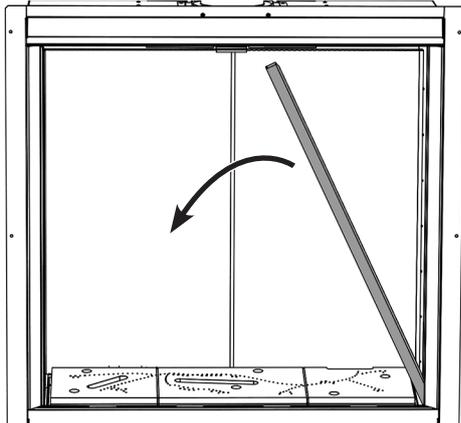


SIDE LINERS

The Riva2 750 appliance has the option of 5 different liner finishes:

- Vermiculite
- Black Reeded
- Brick Effect
- Ledgestone
- Black Glass Linings - see separate instructions for fitting (PR2214).

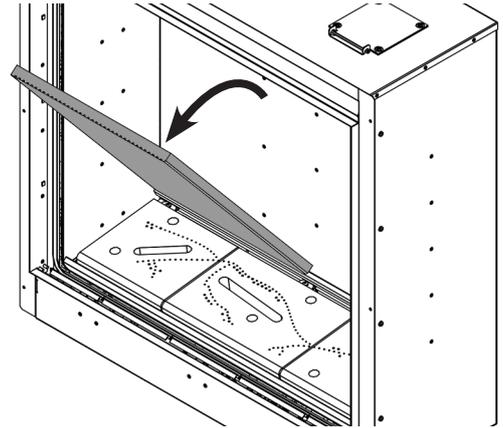
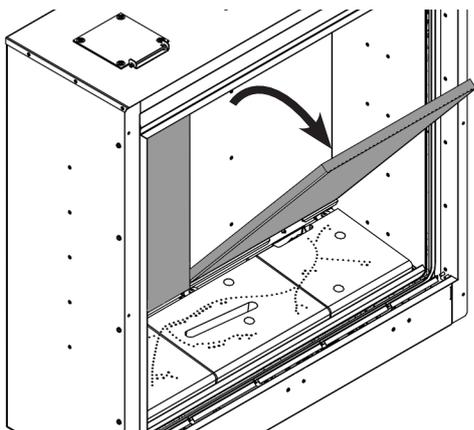
Tilt inwards towards the centre of the firebox before lifting up and pulling out through the front of the firebox



The Side Liners support the 2 piece Back Liner. Ensure the back liners are supported when the sides are removed.

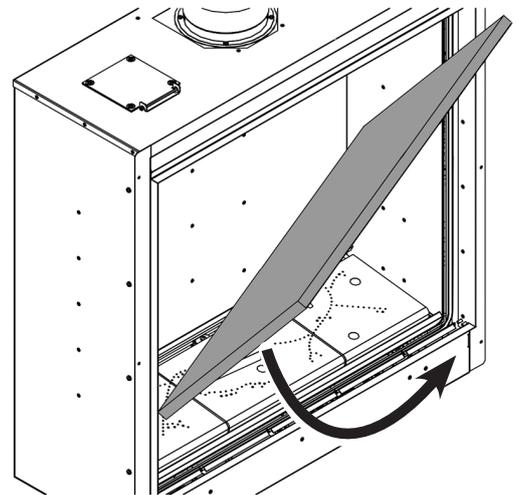
VERMICULITE/ BLACK REEDED BACK LINERS

Tip the Back Liners forward into the firebox and angle to remove.



BRICK EFFECT/ LEDGESTONE BACK LINERS

Lean the top of the panel forward, lift and twist slightly to allow removal through the front of the appliance.



i 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.

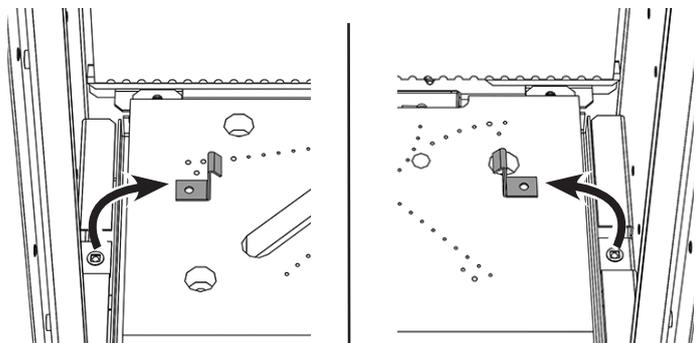
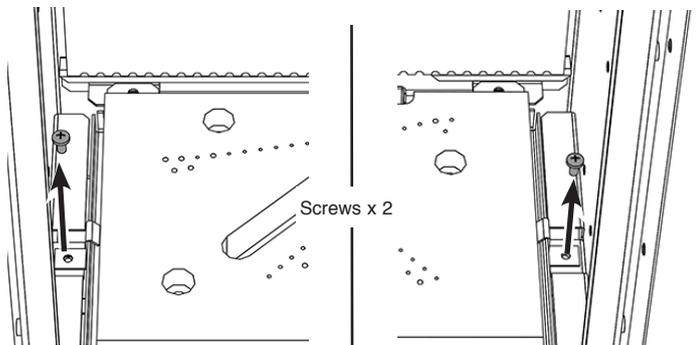
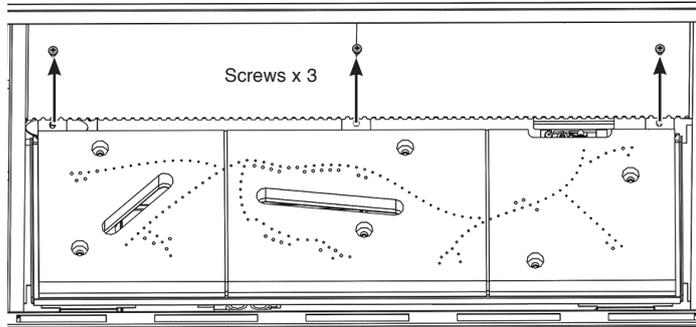
Protective clothing is not required when handling these articles.

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.

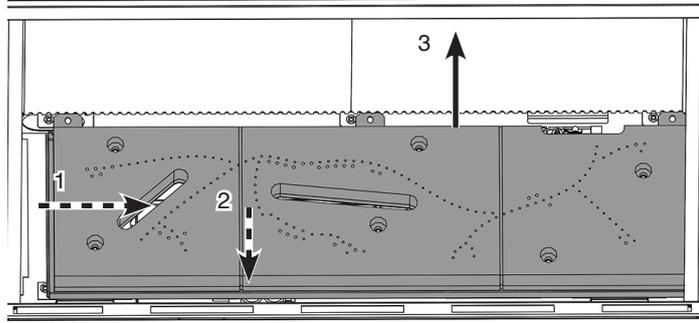
If any concerns remain contact Gazco Technical Customer Services to obtain the manufacturers COSHH Data Sheet.

REMOVING THE BURNER ASSEMBLY

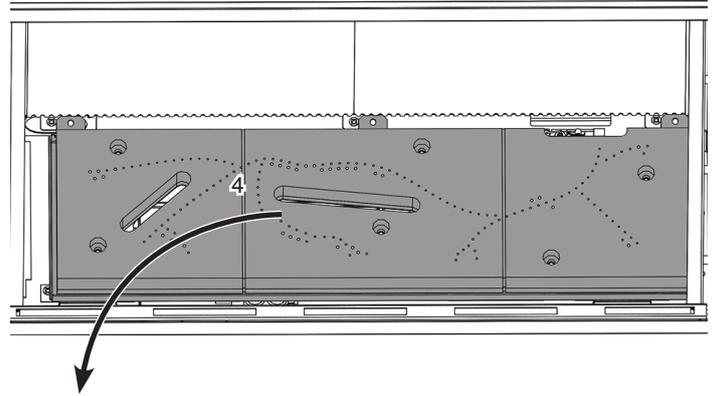
Remove the 3 screws at the back of the burner tray, and the 2 side brackets. **TAKE CARE NOT TO DAMAGE THE FUELBED WHEN REMOVING THE SCREWS.**



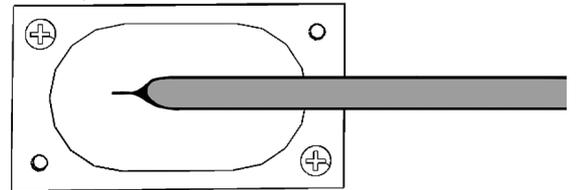
Slide the burner unit to the right, pull slightly forward and lift from the back.



Carefully remove through the front of the appliance. Place carefully to one side.



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



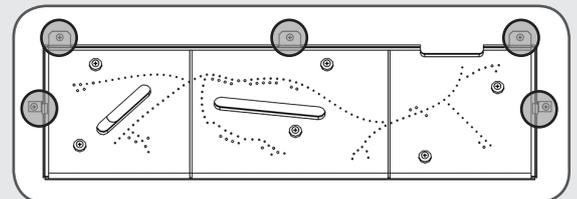
Note: The isolation elbow needs to be attached to the gas pipe before installation.



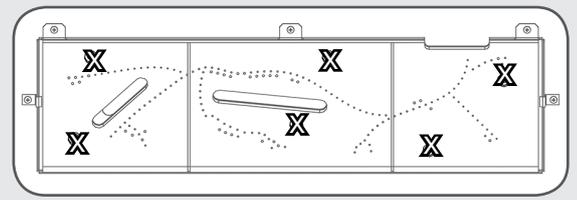
IMPORTANT:

The moulded emberbed is factory set to ensure the correct gas flow to the burner.

ONLY remove the screws highlighted in this section that hold the entire Burner Assembly to the firebox.



Removing screws securing the emberbed to the burner tray will compromise the assembly, prevent the appliance operating correctly and potentially cause safety issues.

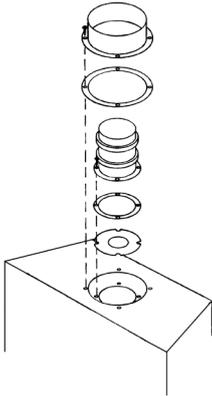


DO NOT REMOVE THE MOULDED EMBERBED.

FLUE ASSEMBLY

For additional information please refer to Site Requirements section.

TAKE CARE WHEN MARKING OUT FOR THE FLUE AS IT IS DIFFICULT TO MOVE AFTER INSTALLATION. IF A RESTRICTOR IS REQUIRED FIT THIS BETWEEN THE SMALL OUTLET SPIGOT AND THE AIR DUCT. REFER TO TECHNICAL SPECIFICATIONS FOR RESTRICTOR SIZE.



A 152mm (6") diameter hole in the wall is required to install the flue. This can be achieved by using either:

- Core drill
- Hammer and chisel

Drill small holes around the circumference when using method b). Make good both ends of the hole.

Allow enough room either above or to the side of the appliance to assemble the flue on top.

Assemble a horizontal flue in the following order:

- Vertical section
- 90° elbow
- Horizontal plus terminal

Support the opening of a masonry installation with a lintel.

Only the horizontal terminal section can be reduced in size.

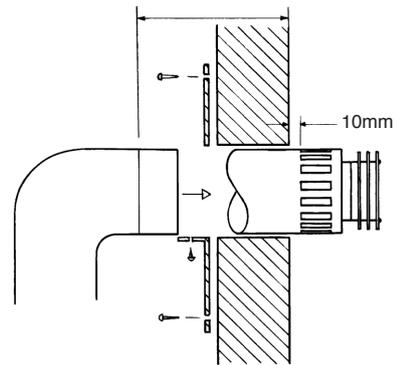
To find the length:

Measure from the outside of the wall to the stop on the 90° elbow.

Add 10mm to the outlet end.

Measure from the edge of the slots closest to the wall.

Mark around the flue.

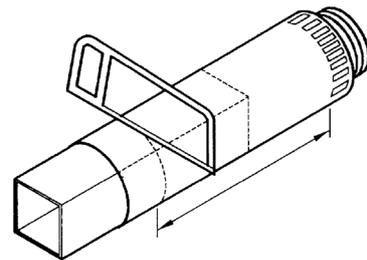


A wall plate is supplied to fix the flue to the wall:

Bend the tab to 90°.

Assemble the plate onto the flue but do not secure to wall until the flue is fully assembled.

The cardboard fitment in the terminal is used to support the flue whilst it is cut to length. **ONCE CUT TO SIZE REMOVE THE CARDBOARD REMNANT.**



MASONRY CHIMNEY INSTALLATION

There are 2 methods of installation into a masonry chimney

Edge finish Installation.

Installation with a decorative front.

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.

EDGE FINISH INSTALLATION

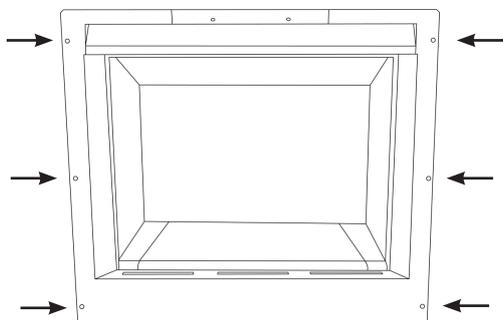
This method is designed so that non-combustible board can be taken right up to the edge of the flange of the appliance.

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.

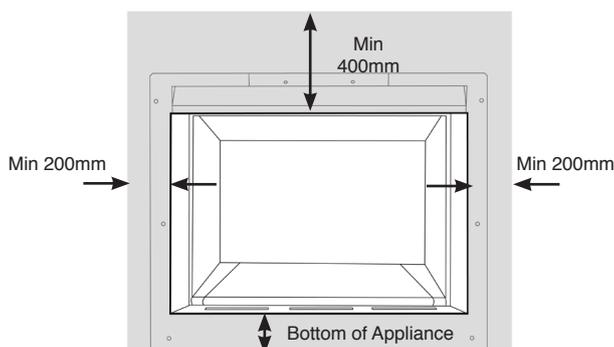
Connect the flue and install the appliance into the aperture. At the same time ensure that the gas pipe passes through the silicon panel at the back of the appliance.

Secure the appliance through the 6 fixing holes using the screws provided.



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.



Fit plasterboard to the remaining of the chimney breast front.

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

Apply a plaster finish to remaining chimney breast front.

INSTALLATION WITH A DECORATIVE FRONT



Mantels, Hearths & Slips

If fitting this appliance with a decorative surround it will be necessary to install the appliance with a **Hearth and Slip set**. The hearth must have a minimum depth of 225mm. It is essential to ensure that a height of 123mm is maintained from the finished floor to the bottom edge of the viewing area.

Read these instructions in conjunction with the manual supplied before installation.

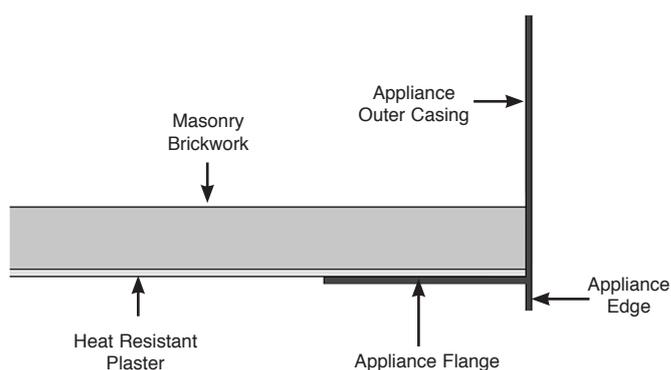
Fix the self adhesive foam seal around the back of the fixing flange of the appliance.

Prepare the flue connection using the chosen method described.

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.

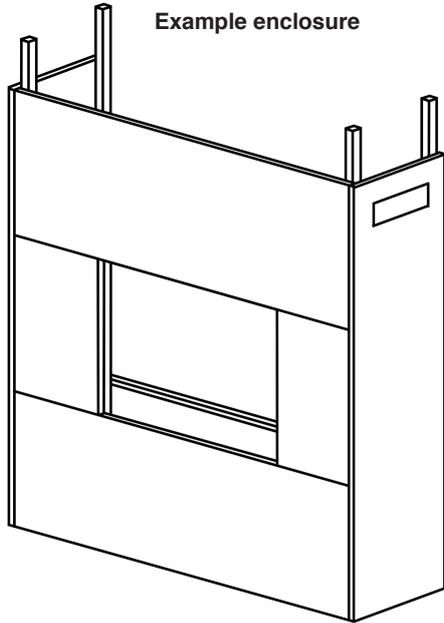
Secure the appliance through the 6 fixing holes using the screws provided.

The appliance flange should sit flush to the brickwork and the edge should sit proud of the wall.



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.

ENCLOSURE CONSTRUCTION



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 level vents on both sides of the cavity of approximately 50cm² 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:

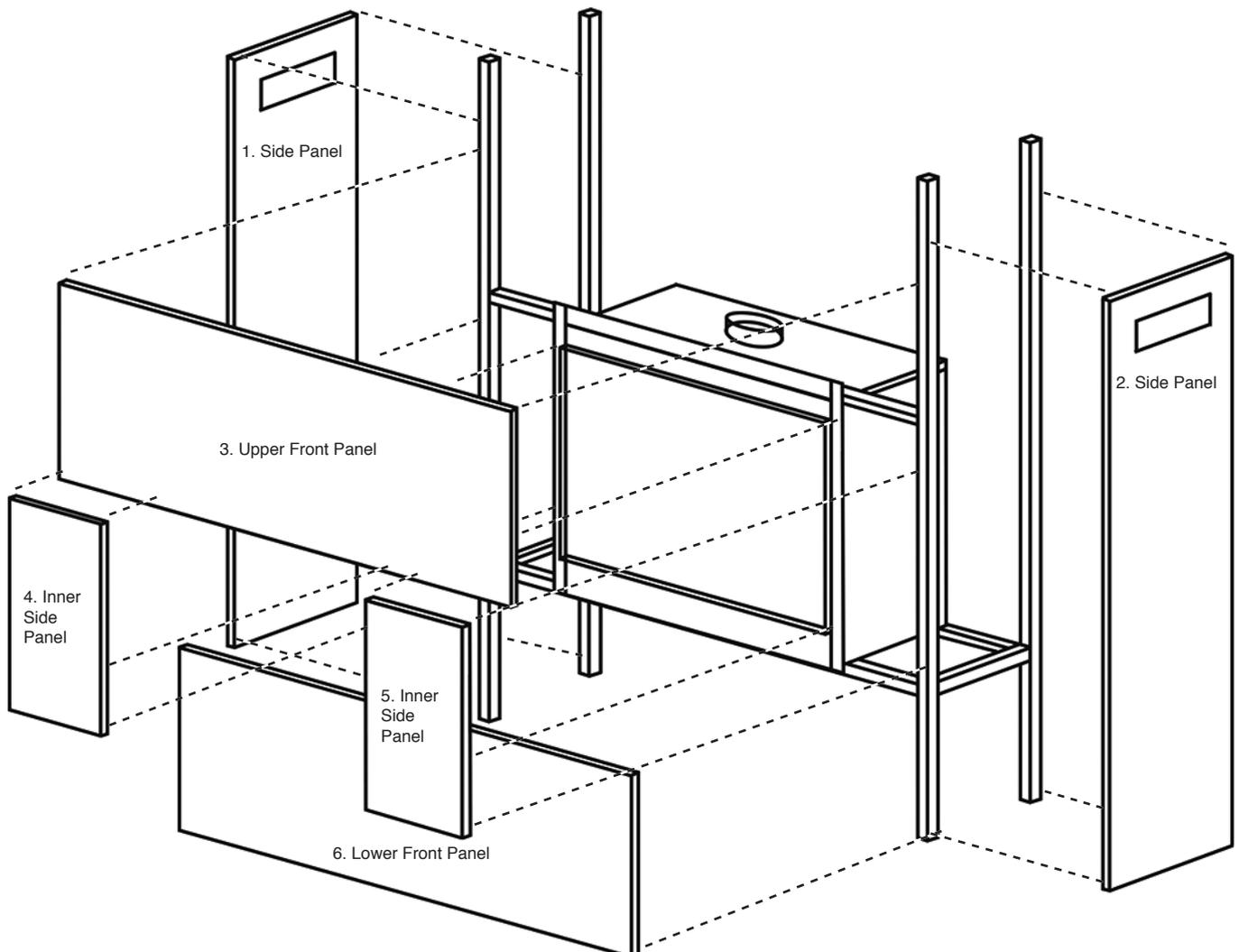
Metal Studwork

Non-combustible board:

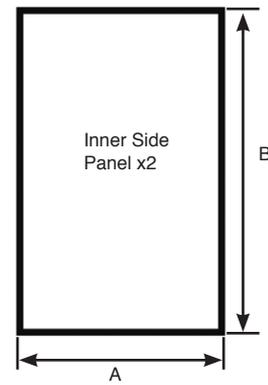
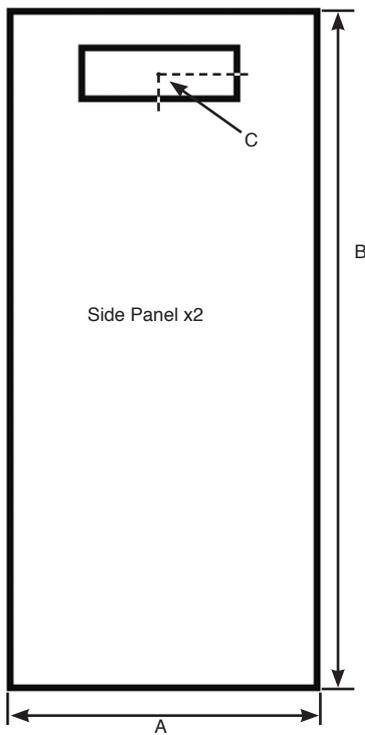
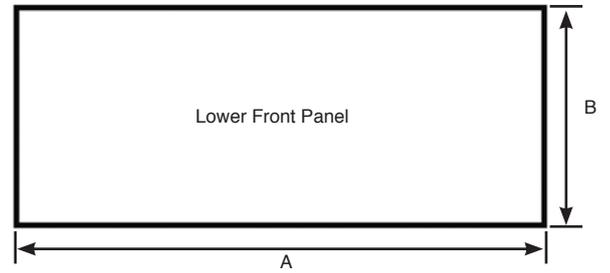
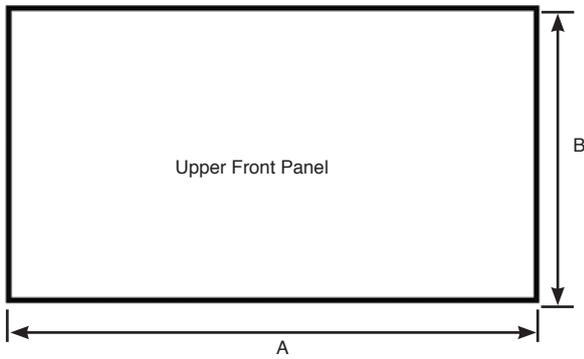
Masterboard or Promafour - NOT PINK BOARD

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 stabilise).

Ensure all distances to combustible materials are maintained



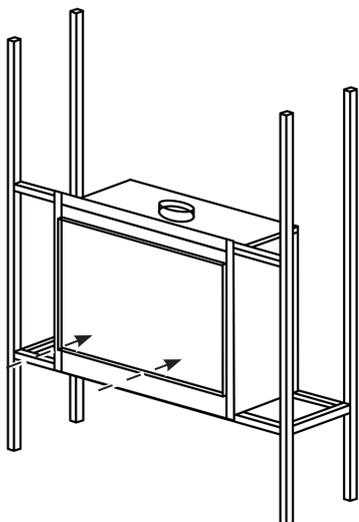
CUTTING TEMPLATES



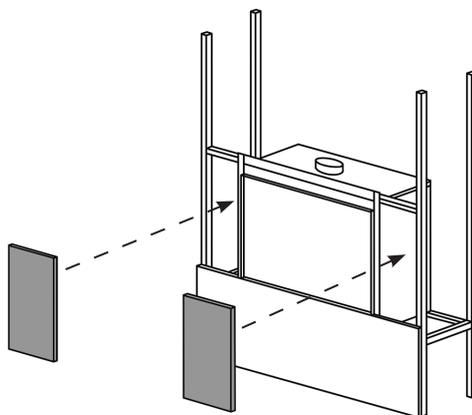
PANEL	A (MIN)	B (MIN)	C
Upper Front Panel	1201mm	446mm	-
Lower Front Panel	1201mm	109mm No Frame 150mm - Decorative Frame	-
Side Panel	461mm	1268mm No Frame 1309mm - Decorative Frame	Min 50cm ²
Inner Side Panel	200mm	713mm	-

EDGE FRAME INSTALLATION

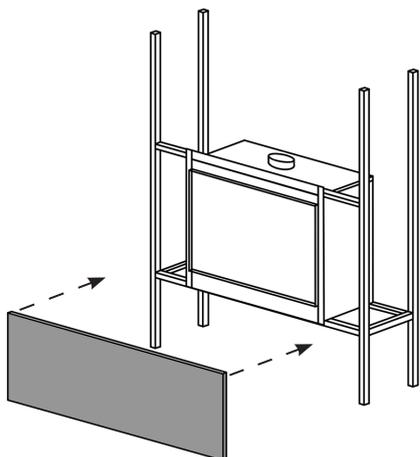
1



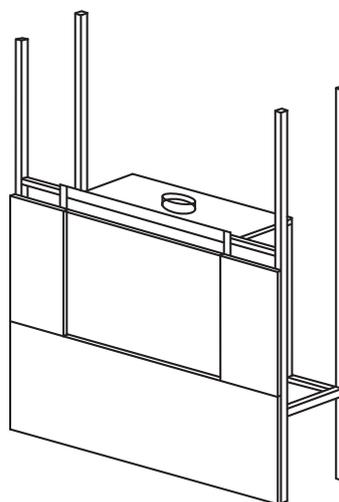
4



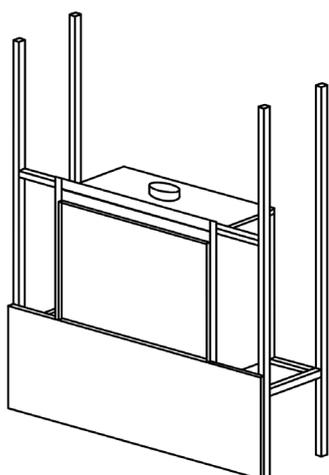
2



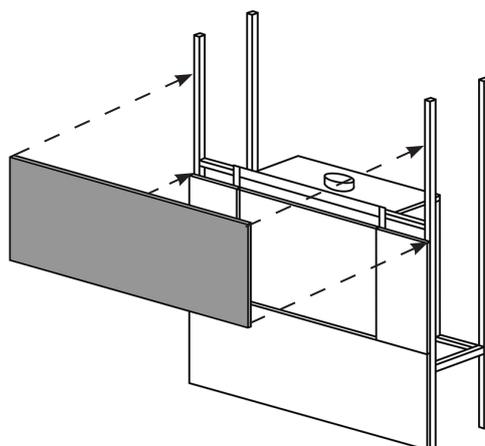
5



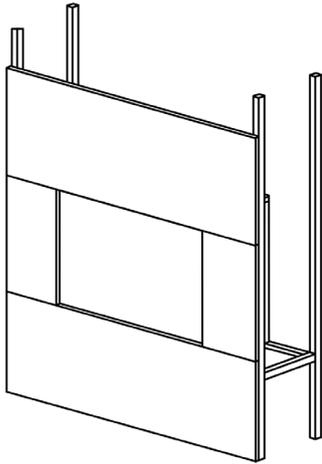
3



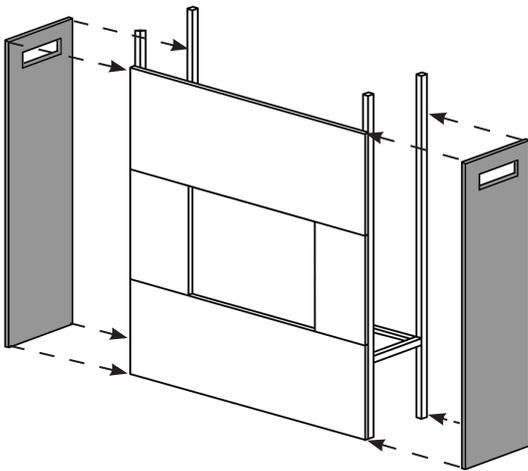
6



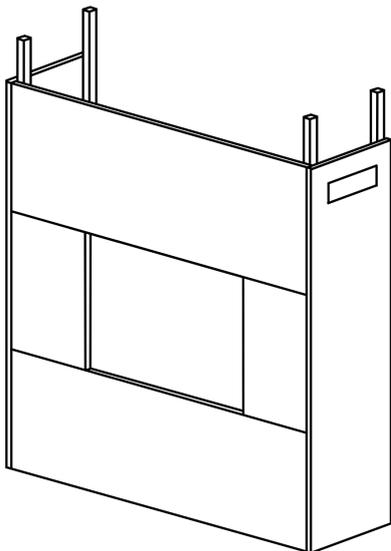
7



8



9

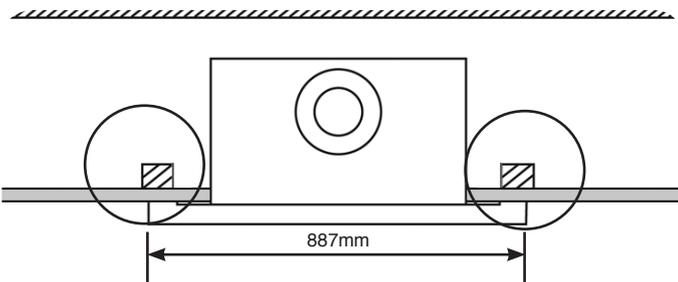


DECORATIVE FRAME INSTALLATION



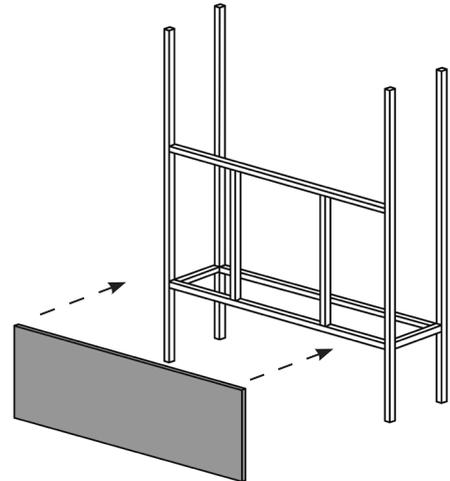
IMPORTANT: BEFORE THE INSTALLATION OF THE DECORATIVE FRONT ENSURE THAT THE WALL ABOVE AND TO THE SIDES OF THE APPLIANCE IS SUITABLY CONSTRUCTED FOR THE FIXINGS TO SUPPORT THE WEIGHT OF THE FRONT. IF THE WALL IS CONSTRUCTED FROM PLASTERBOARD OR SIMILAR, IT IS ESSENTIAL THAT BATTERNS ARE LOCATED TO THE SIDES OF THE APPLIANCE IN THE FIXING AREA TO PROVIDE STRENGTH TO THE FIXINGS.

When constructing a studwork installation it is essential to observe the clearances to combustibles but make provision for the frame fixings.

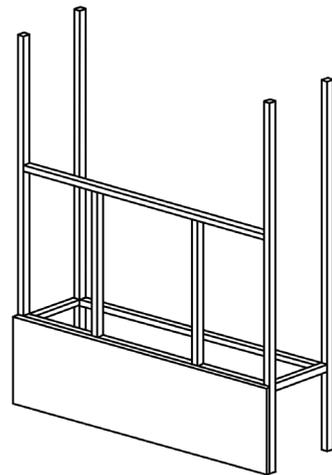


This diagram shows the minimum clearance position when installing the appliance into studwork - it is vital to ensure the opening is wide enough to accommodate the fixings for the front.

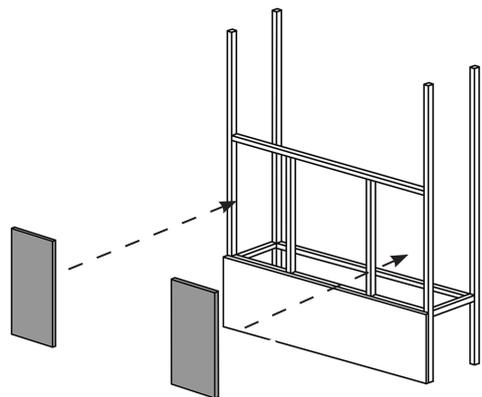
2



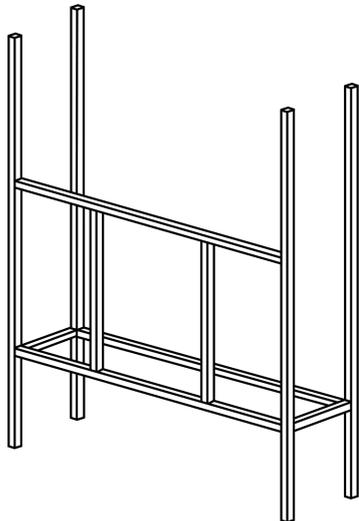
3



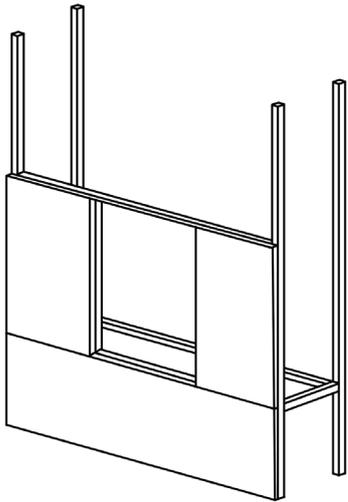
4



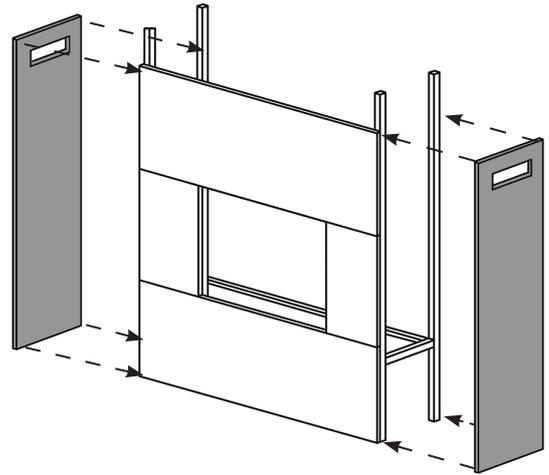
1



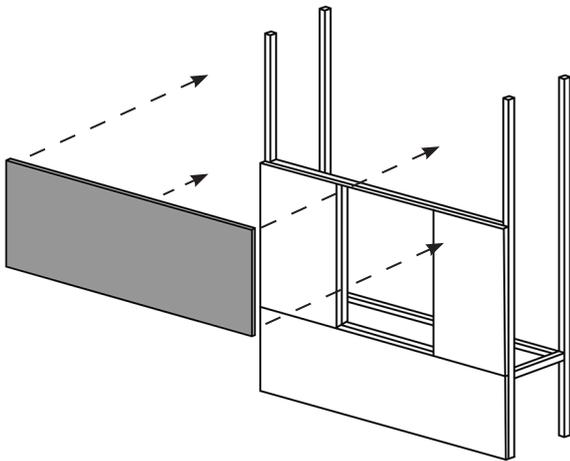
5



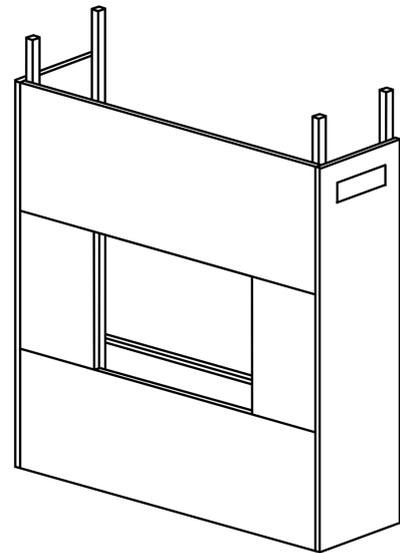
8



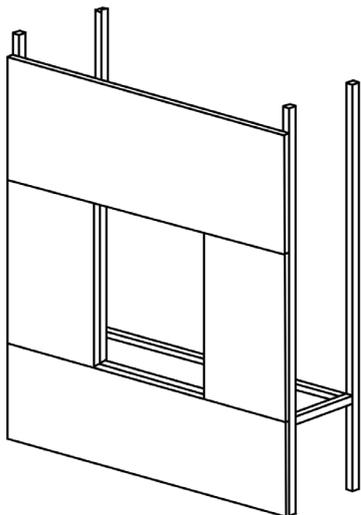
6



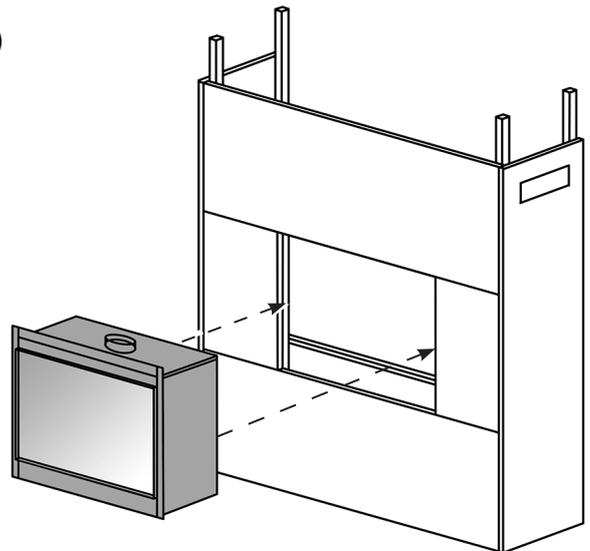
9



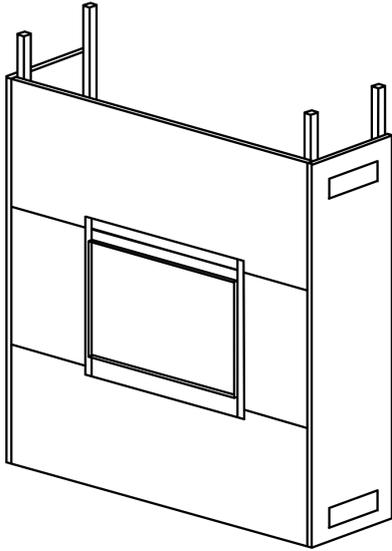
7



10

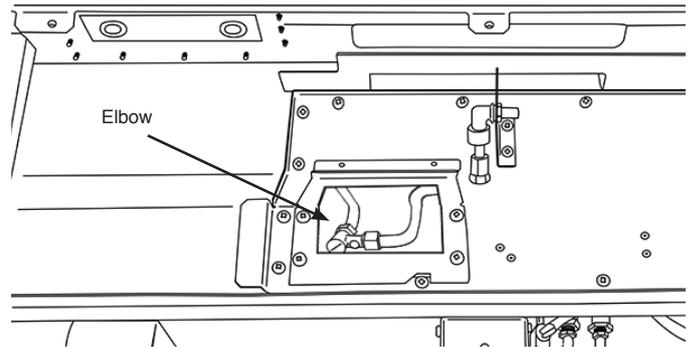


11



GAS SOUNDNESS PRESSURE CHECK

Connect a suitable pressure gauge to the test point located on the inlet fitting. Pass the pressure pipe under main control assembly and out through the gap inside the outer casing. Refit the burner unit, turn the gas supply on and perform a pressure drop test to check for leaks in the installation. Light the appliance, turn to maximum and check that the supply pressure is as stated on the databadge. Turn the gas off and replace the test point screw, turn the gas on and check the test point for leaks.

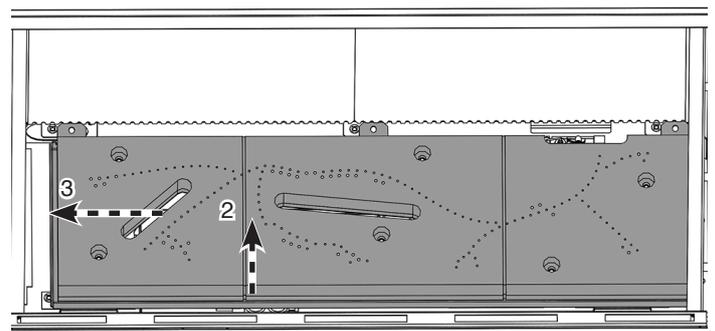
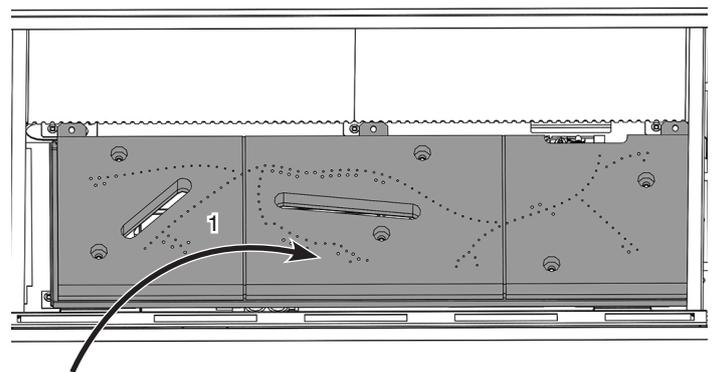


Check the function of the handset, if there is no communication between the remote control and the appliance, see Commissioning Section.

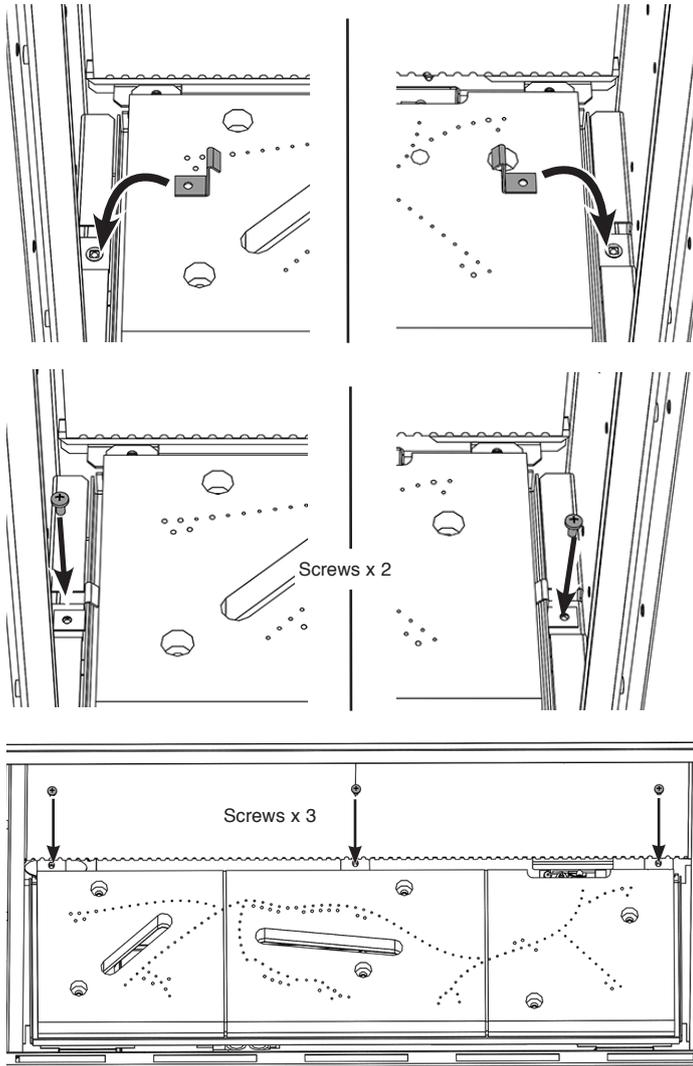
FITTING THE MAIN BURNER

Carefully lower the burner unit into the appliance. Push slightly towards the back and slide to the left, ensuring the venturi engages with the main injector. Pull the burner as far forward as possible.

Take care not to damage the pilot unit.



Ensure that the gaps between the front of the firebox and the burner tray are equal before replacing the 3 screws at the back of the burner tray and the 2 side brackets



Check the pilot ensuring it is free from any debris.

FITTING THE LINERS AND BAFFLE

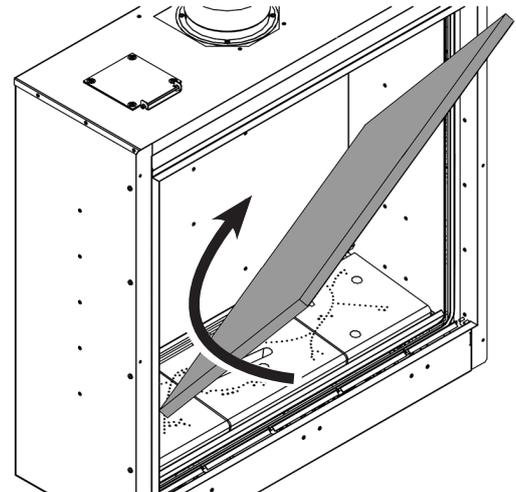
LINERS

The Riva2 750 appliance has the option of 5 different liner finishes:

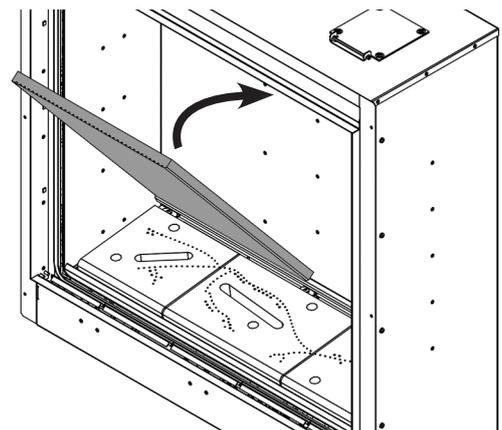
- Vermiculite
- Black Reeded
- Brick Effect
- Ledgestone
- Black Glass Linings - see separate instructions for fitting (PR2214).

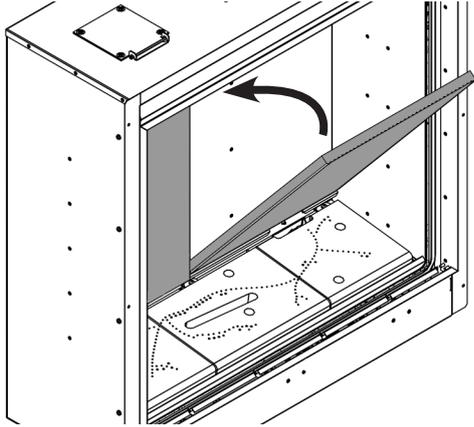
BRICK EFFECT/ LEDGESTONE BACK LINERS

Insert the panel through the front of the appliance.



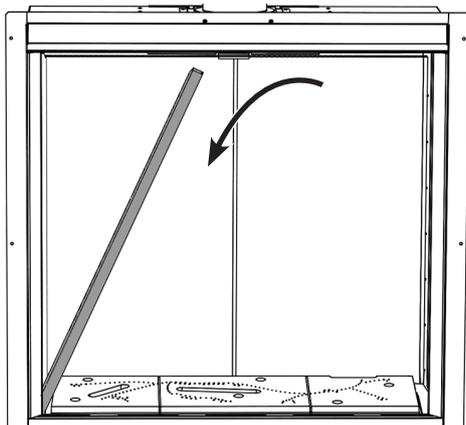
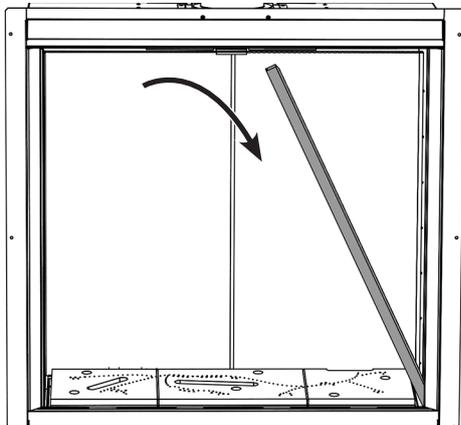
VERMICULITE/ BLACK REEDED BACK LINERS





SIDE LINERS

To fit the side liners insert through the front of the appliance tilting the top inwards towards the centre of the firebox before lowering into position.



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.

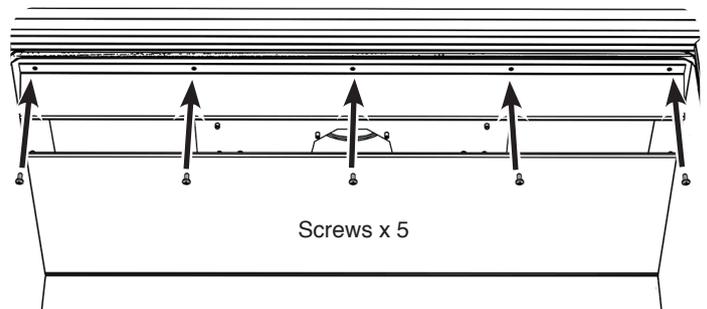
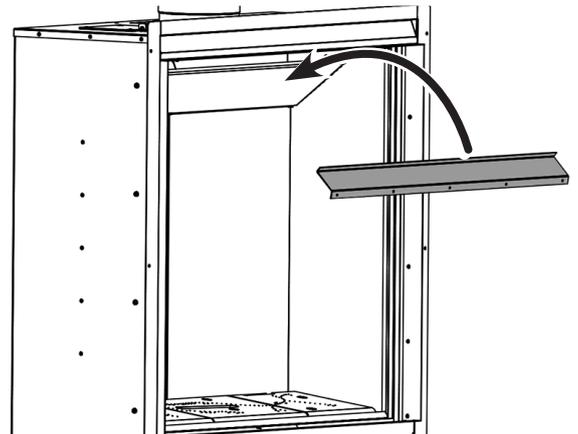
If replacing these items do not break them up. Seal within heavy duty polythene bags and label as RCF waste.

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 COSHH Data Sheet.

BAFFLE



LOG LAYOUT

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

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

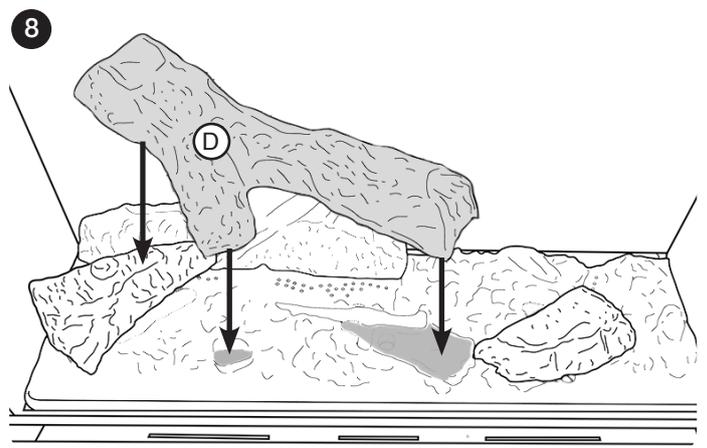
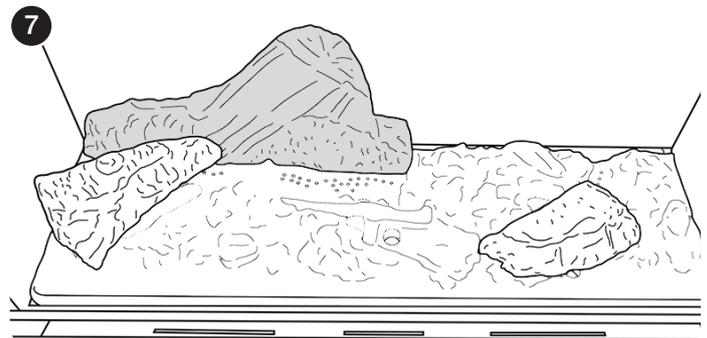
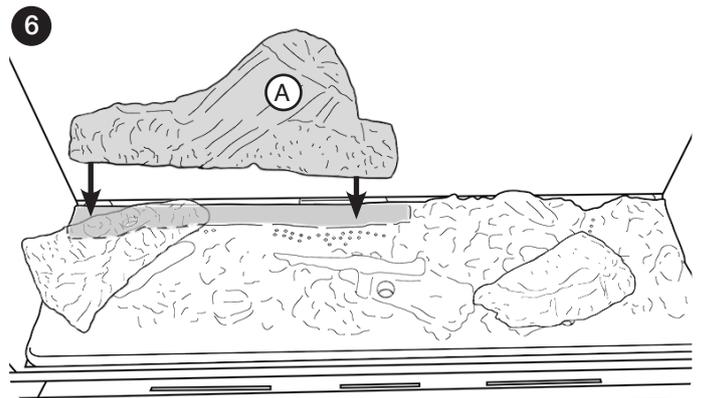
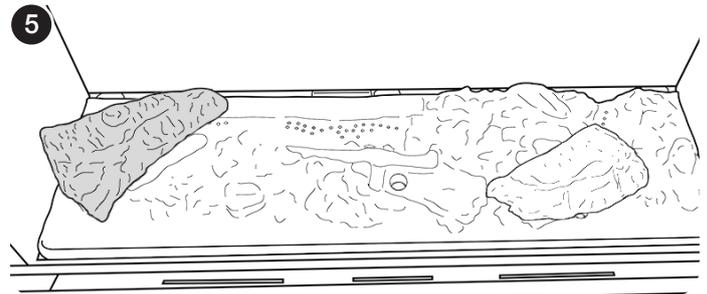
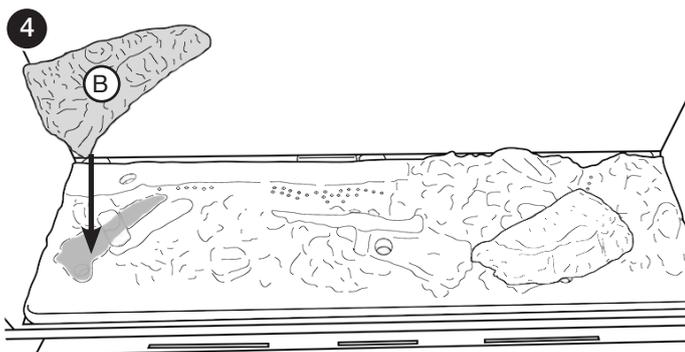
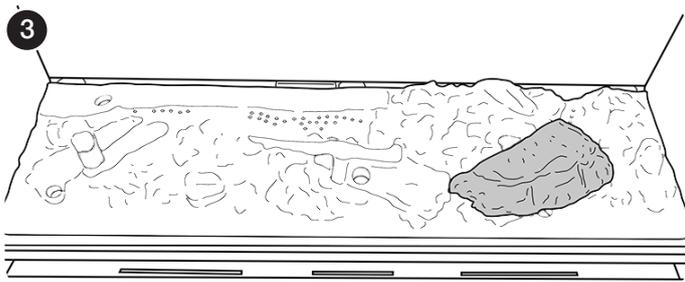
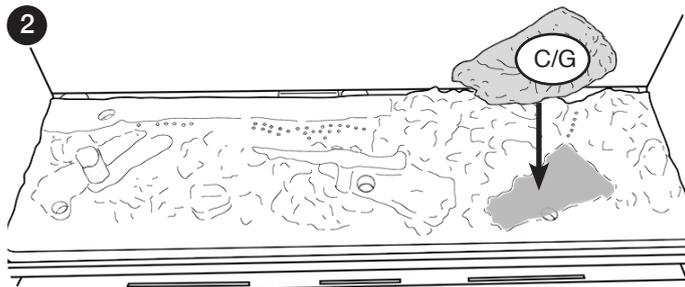
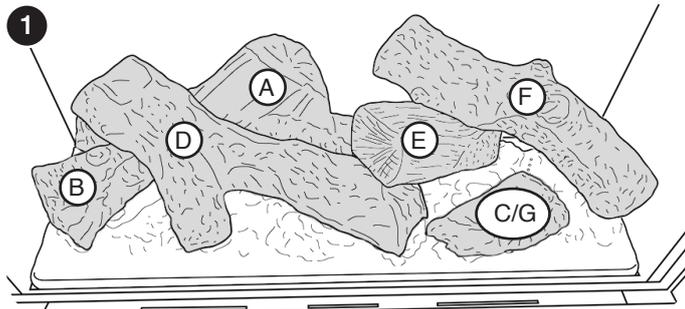
The main components are clearly individually labelled.

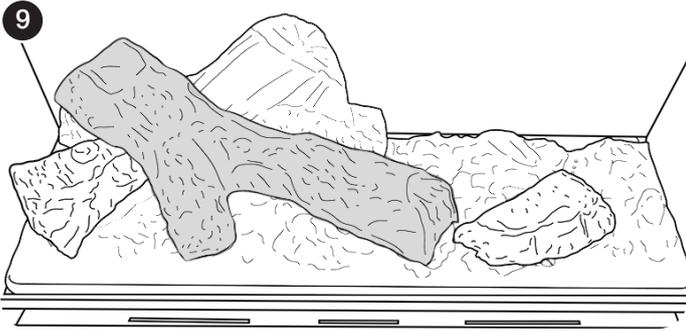
Note: There is a change to one of the logs depending on whether the appliance uses Natural Gas or LPG.

Natural Gas has the complete set A-F sequentially.

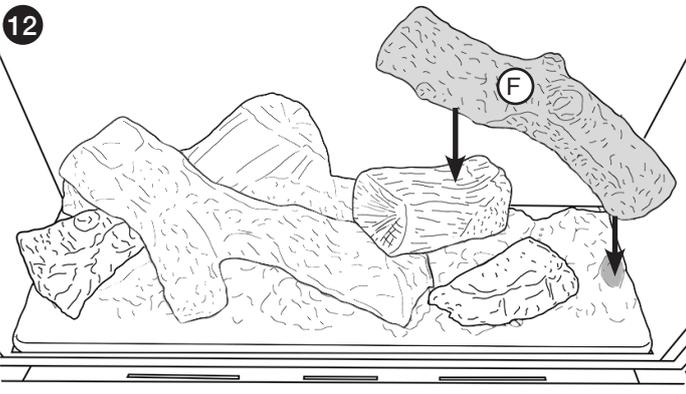
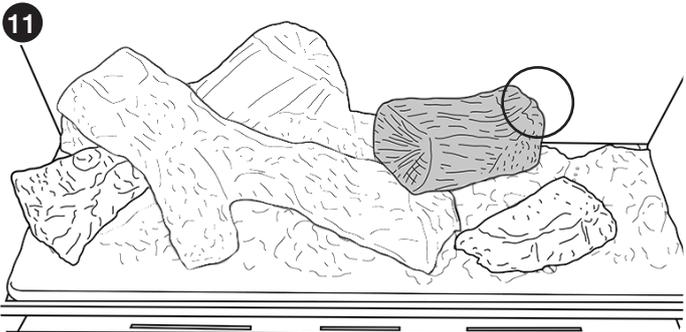
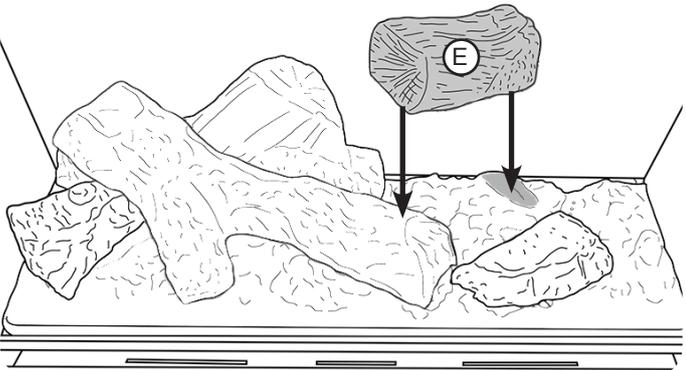
LPG has Log G instead of C.

Ensure that you have the right log for the gas type used.

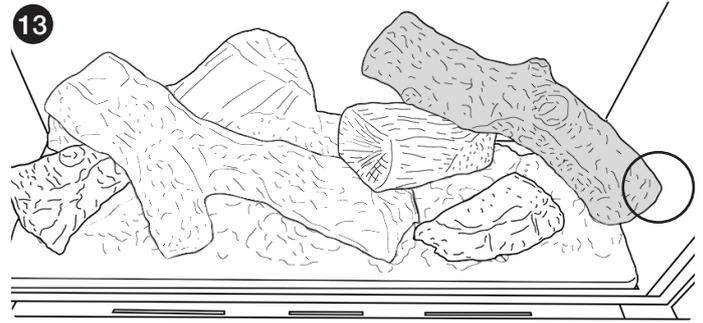




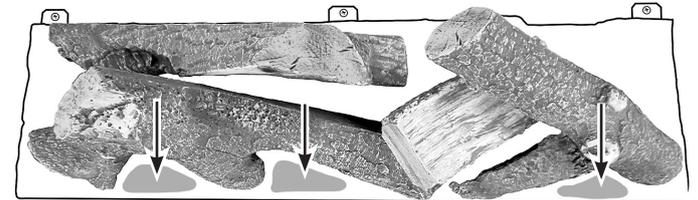
10
Position the charred end of log E on the location point on the burner, with the log touching the back liner.



The back edge of log F should rest against the back liner.

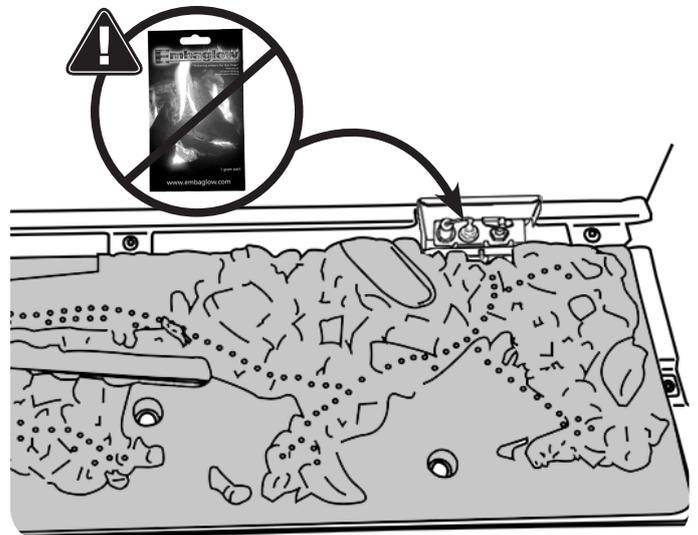


14
Sparsely spread an amount of the Embaglow fibres provided, covering the ports in the burner tray. This will create a glowing effect when the appliance is lit.



Take care not to use more than half a packet per application.

WARNING - DO NOT PLACE NEAR THE PILOT AREA.

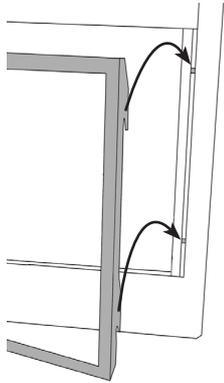


NOTE: ENSURE THAT THE LOGS ARE POSITIONED AS ABOVE. ONLY USE THE CORRECT AMOUNT OF LOGS AS SPECIFIED IN THE DIAGRAMS.

FITTING THE GLASS FRAME

Ensure that the fibreglass 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.

Connect the battery lead to the battery pack attached to the lower slotted trim.



PLEASE ENSURE NO WIRES ARE TRAPPED BEFORE REPLACING THE LOWER SLOTTED TRIM. THE LEADS ARE EASILY DAMAGED.

Replace the lower trim, ensuring that the battery box is connected and in their correct orientation.

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 remote control.



This remote controls the appliance from pilot ignition through to shut down.

In 'MANUAL MODE' you can:

- light the pilot
- turn on the main burner
- regulate the flame from low to high and back
- turn off the burner leaving just the pilot burning

In 'TEMP MODE' you can:

- set the room temperature so the stove automatically maintains that temperature

In 'TIMER MODE' the appliance:

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

Turning the appliance On

Your remote can control the gas appliance from pilot ignition through to shut down.

To turn the appliance on press the OFF button and the UP button simultaneously. You hear several short signals.

The pilot and main burner ignite and the remote is now in Manual Mode:

Turning the appliance Off:

Press the OFF button to turn the appliance off.
FOR SAFETY, YOU MUST WAIT 30 SECONDS BEFORE LIGHTING THE APPLIANCE AGAIN.



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.

FOR FULL OPERATING INSTRUCTIONS AND TROUBLESHOOTING SEE USER SECTION.

COMMISSIONING

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 layout - flame picture

For working pressure test, use the access panel at the gas connection ensuring the burner is in position. Refer to Installation Instructions.

Ensure all safety checks listed in the Commissioning Section are completed, paying particular attention to the glass panel checks and securing of the glass frame.

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:

Regular servicing (See User Instructions).

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

Hot surfaces (See User Instructions).

How the appliance works with the remote control handset and the modes of operation (See User Instructions).

How to change settings in the auto mode and program modes of operation.

What to do if the appliance fails to operate (See User Instructions).

REPROGRAMMING HANDSET/ CONTROL BOX

To access the control box see Servicing Instructions Main Control Assembly.

- 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.

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 GasSafe 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.
- 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.

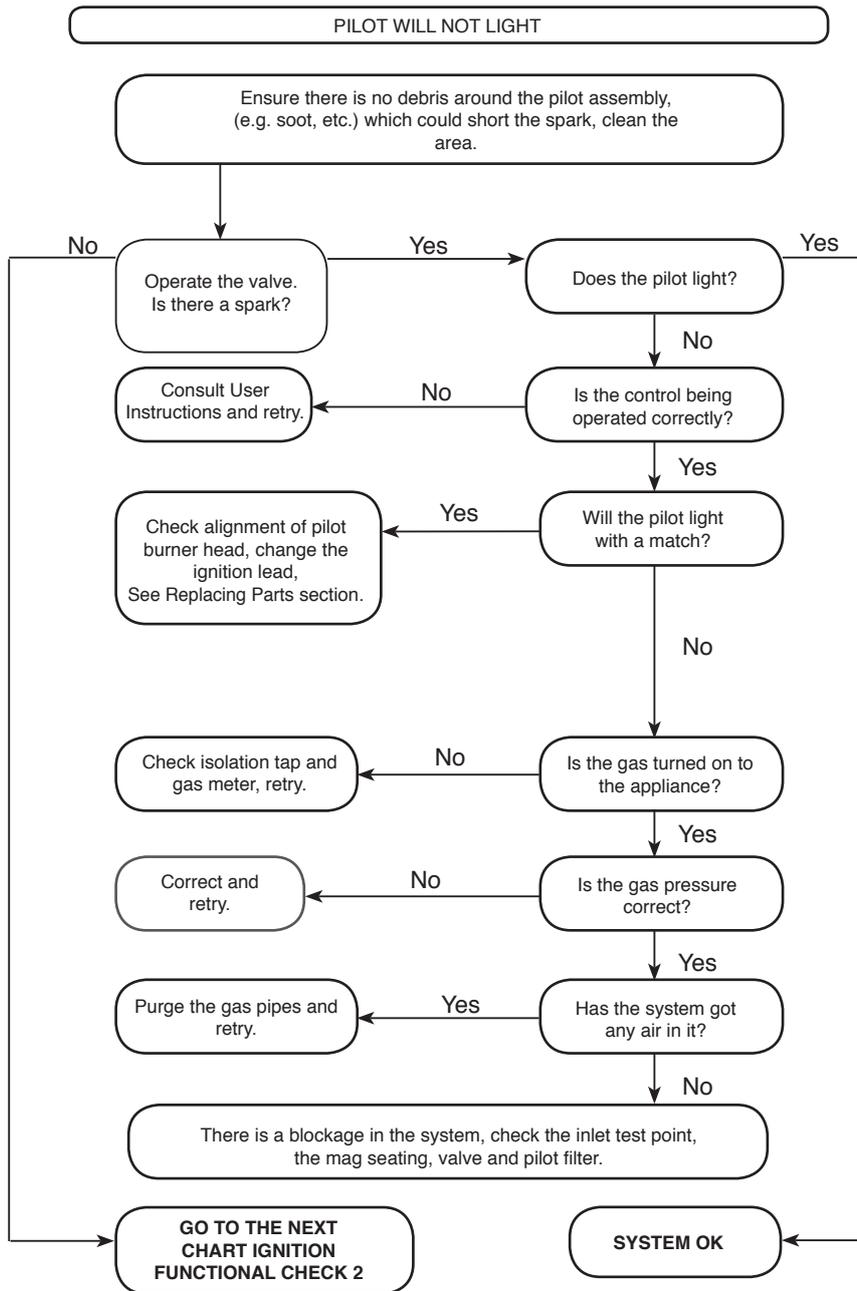
REPLACE BATTERIES BEFORE ATTEMPTING TO RECTIFY ANY FAULTS.

Electronic Control Valve Fault Analysis

SYMPTOM	CAUSE	REMEDY
Frequent beeps for 3 seconds after operation request	Batteries low in appliance	Replace appliance batteries
No ignition, 5 second continuous tone (there may be several short beeps before)	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

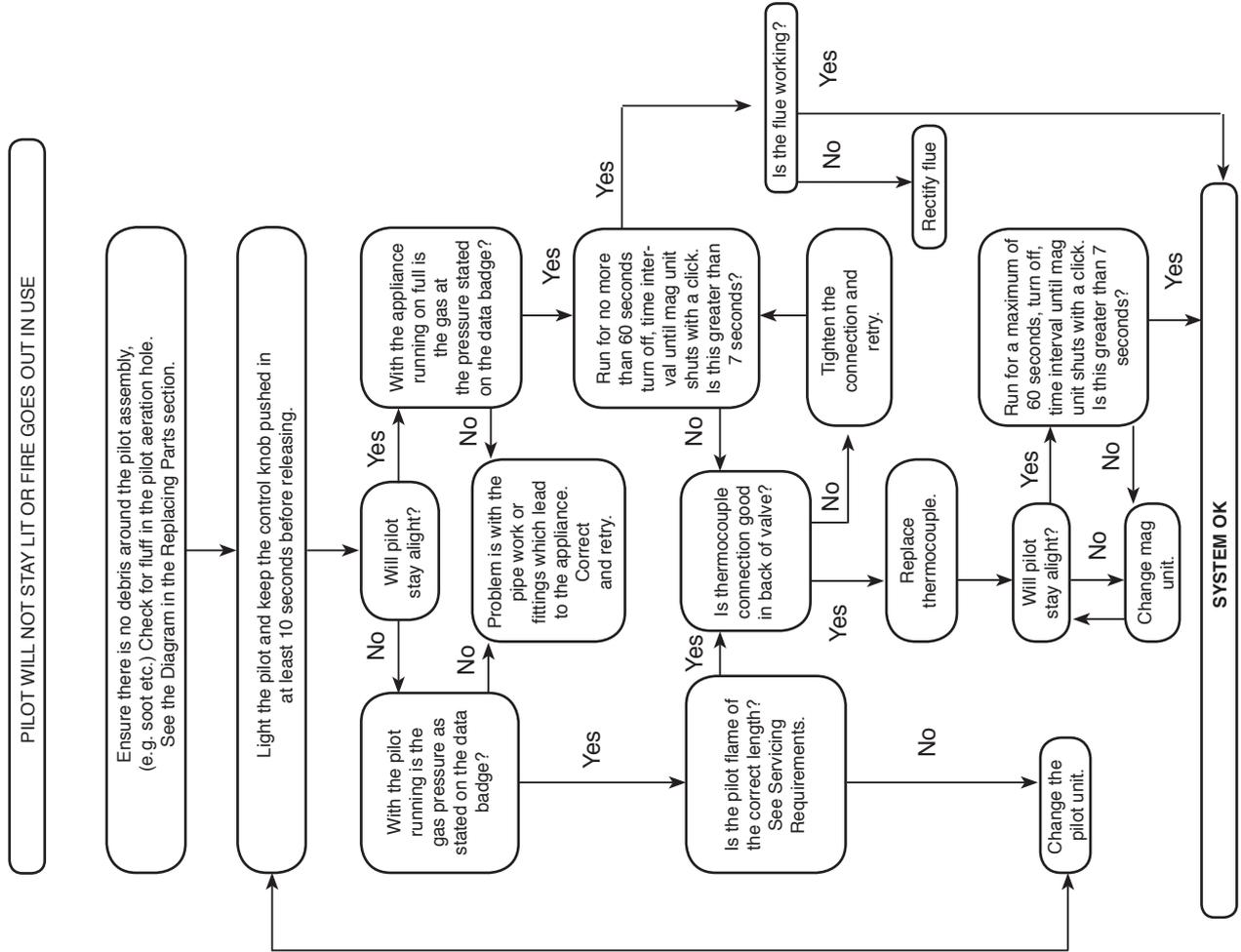
FAULT FINDING CHARTS

IGNITION FUNCTIONAL CHECK 1

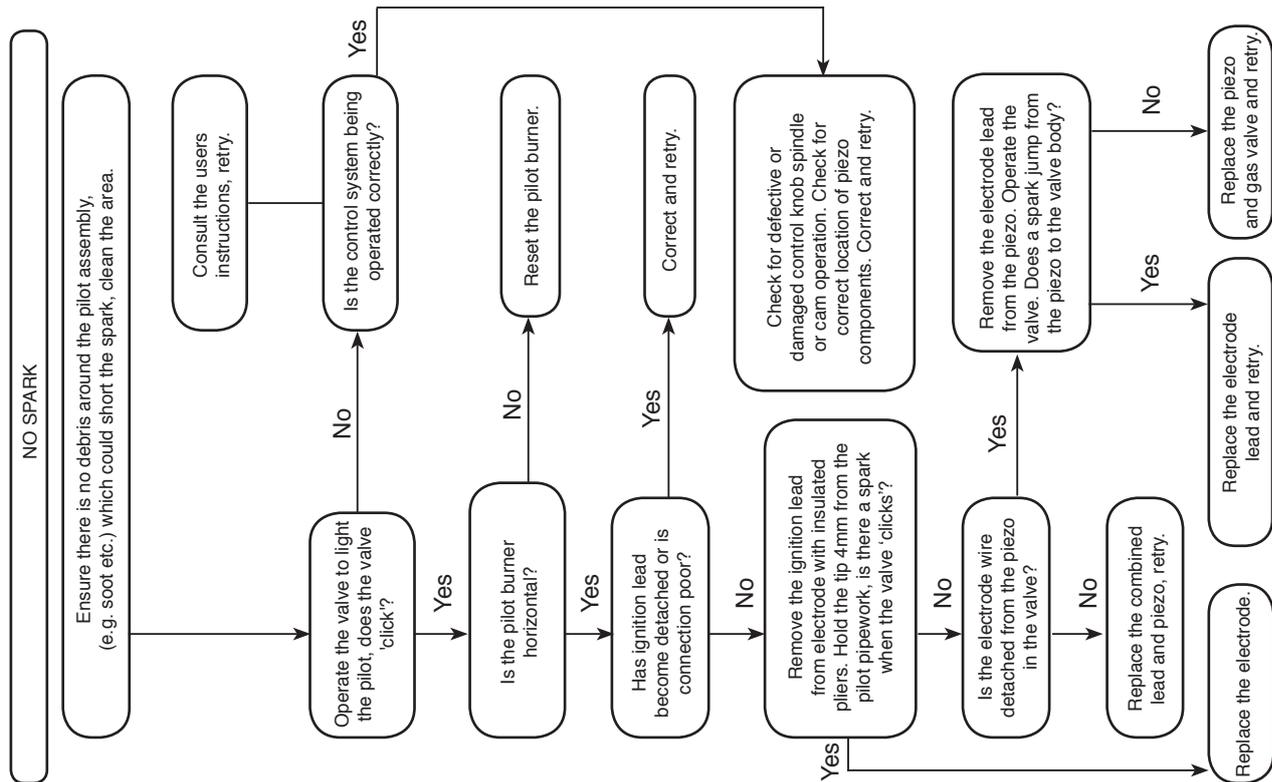


FAULT FINDING CHARTS

FLAME FAILURE FUNCTIONAL CHECK 3



IGNITION FUNCTIONAL CHECK 2



SERVICING INSTRUCTIONS

GENERAL

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

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 Main Burner before any of the components can be serviced.



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.

SERVICING



STOVAX **SERVICE & SUPPORT ENGINEER TEAM**

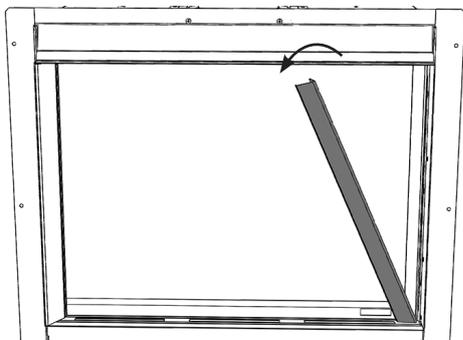
Servicing and Support

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

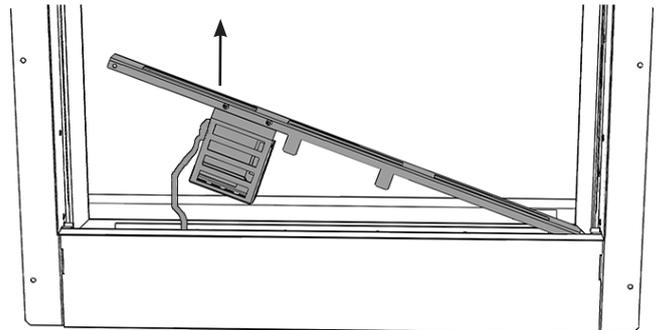
In all correspondence always quote the Model number and the Serial number which may be found on the Commissioning Checklist (Page 3).

REMOVING THE GLASS FRAME

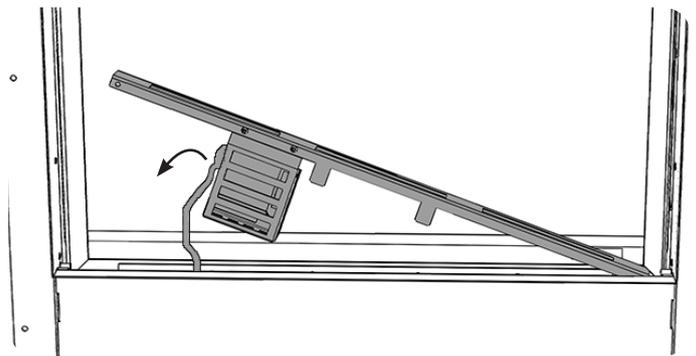
Remove the glass door by removing the 2 side trims. These are held on by magnets.



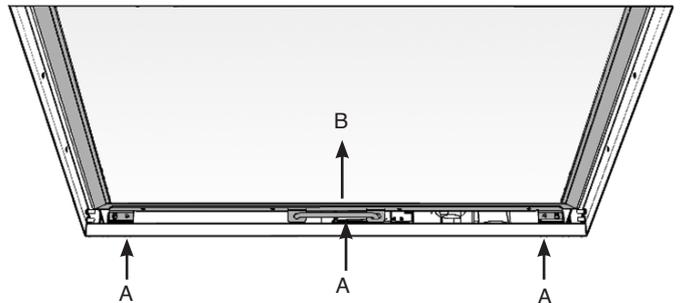
Lift out the bottom slotted trim.
Note the orientation of the battery box for reassembly.



Disconnect the battery lead from the battery pack attached to the lower slotted trim.

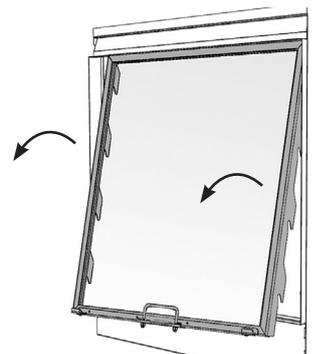


Remove the screws at the base of the glass frame, see A.



Pull up the handle at the front, see B.

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



Remove the logs and Embaglow and place on a dry, clean surface.

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.

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.

Connect the battery lead to the battery pack attached to the lower slotted trim.



PLEASE ENSURE NO WIRES ARE TRAPPED BEFORE REPLACING THE LOWER SLOTTED TRIM. THE LEADS ARE EASILY DAMAGED.

Replace the lower trim, ensuring that the battery box is connected and in the correct orientation.

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.

NOTE: ENSURE THAT THE LOGS ARE POSITIONED CORRECTLY, SEE INSTALLATION INSTRUCTIONS SECTION. ONLY USE THE CORRECT AMOUNT OF LOGS AS SPECIFIED IN THE DIAGRAMS.

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

BAFFLE & LINERS

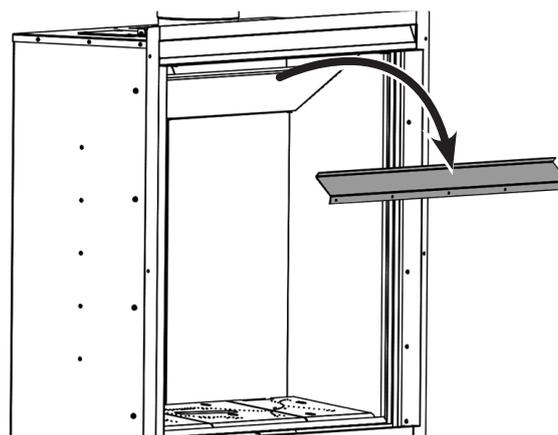
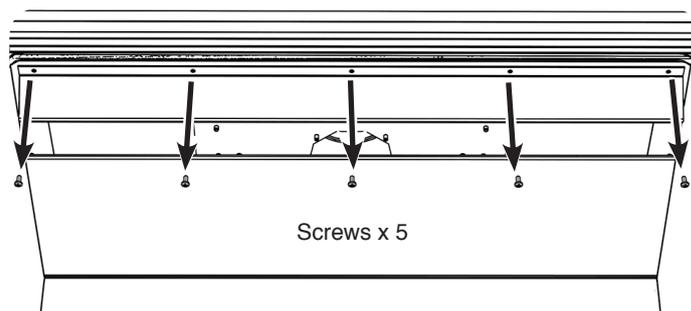
To access the burner tray and interior workings of the appliance it is necessary to remove the baffle and the side liners.

Remove the decorative logs.

BAFFLE

The baffle must be removed before the liners can be taken out of the appliance.

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



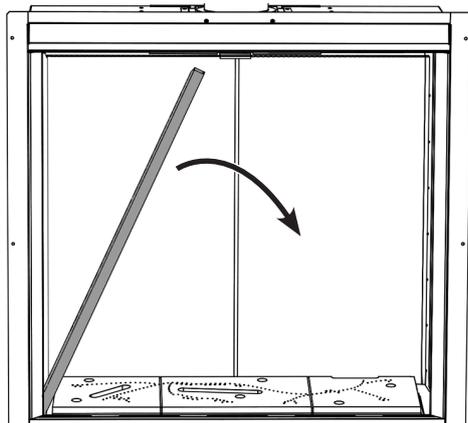
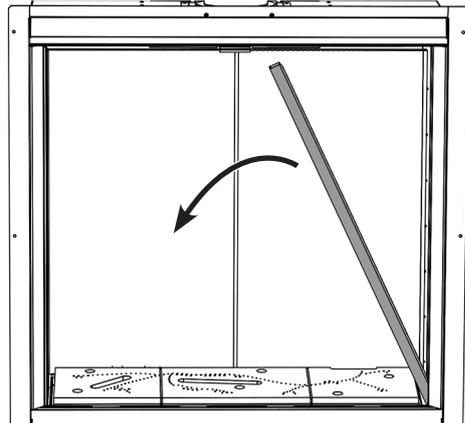
The baffle can now be removed by lowering the front edge and pulling forward through the front of the appliance. **TAKE CARE NOT TO DAMAGE THE SIDE PANELS.**

SIDE LINERS

The Riva2 750 appliance has the option of 5 different liner finishes:

- Vermiculite
- Black Reeded
- Brick Effect
- Ledgestone
- Black Glass Linings - see separate instructions for fitting (PR2214).

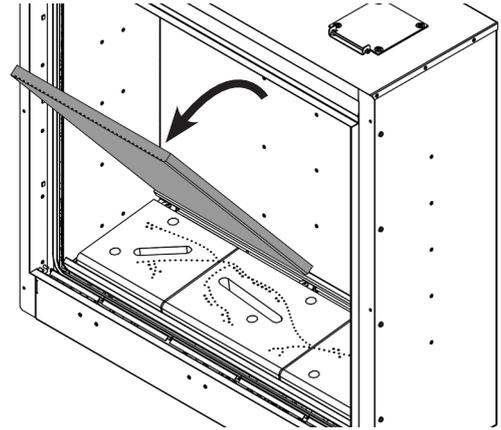
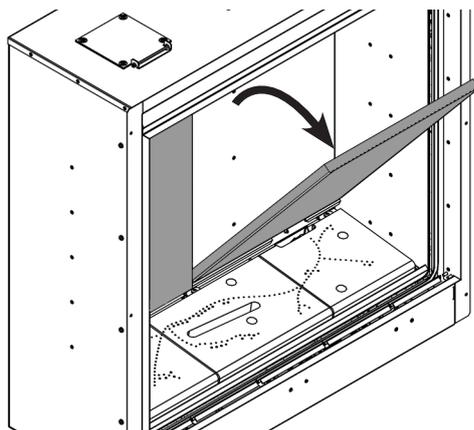
Tilt inwards towards the centre of the firebox before lifting up and pulling out through the front of the firebox



The Side Liners support the 2 piece Back Liner. Ensure the back liners are supported when the sides are removed.

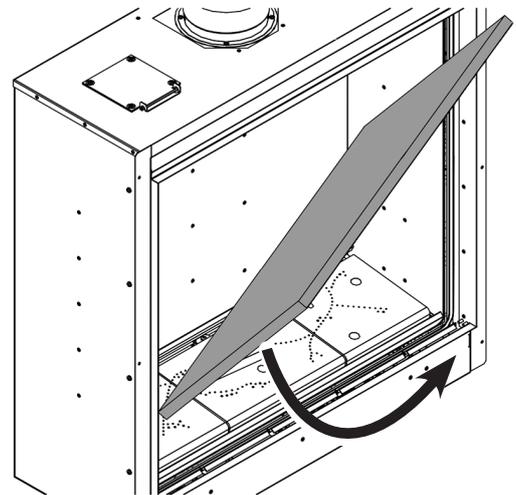
VERMICULITE/ BLACK REEDED BACK LINERS

Tip the Back Liners forward into the firebox and angle to remove.



BRICK EFFECT/ LEDGESTONE BACK LINERS

Lean the top of the panel forward, lift and twist slightly to allow removal through the front of the appliance.



To replace the Liners and Baffle reverse these procedures.



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.

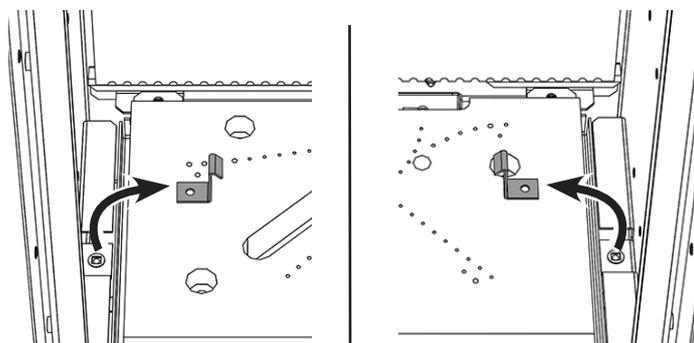
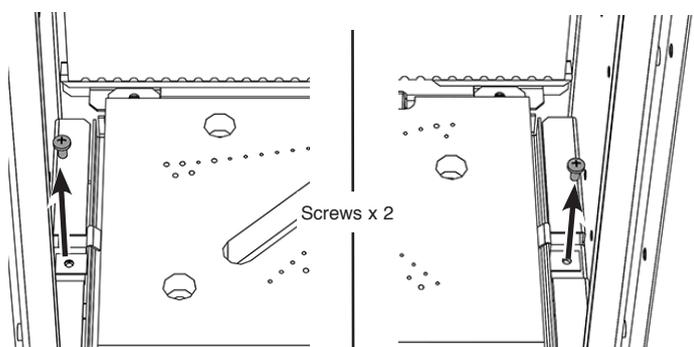
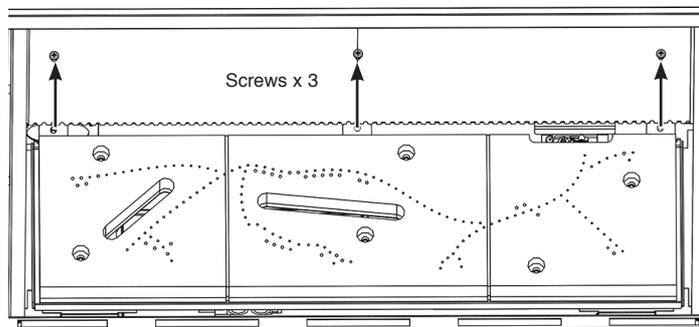
Protective clothing is not required when handling these articles.

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.

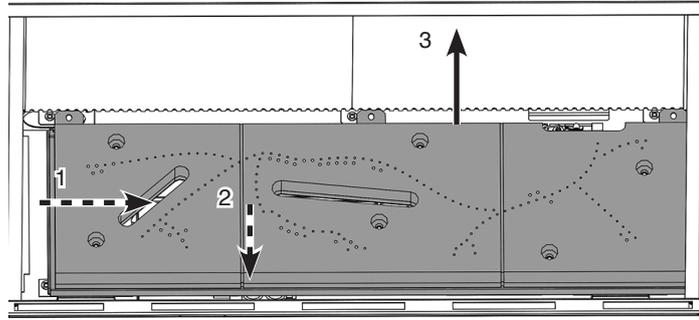
If any concerns remain contact Gazco Technical Customer Services to obtain the manufacturers COSHH Data Sheet.

MAIN BURNER

Remove the 3 screws at the back of the burner tray, and the 2 side brackets. **TAKE CARE NOT TO DAMAGE THE FUELBED WHEN REMOVING THE SCREWS.**



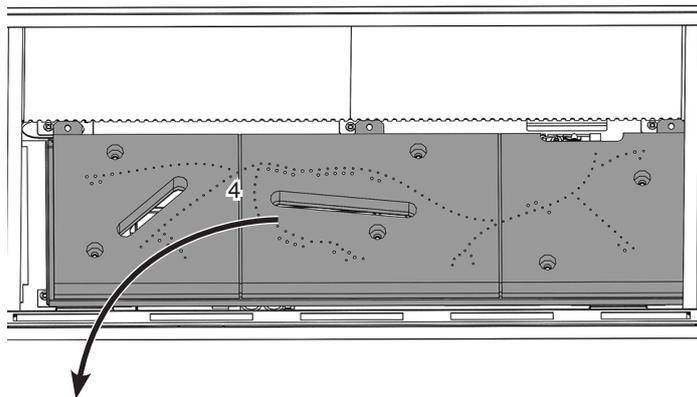
Slide the burner unit to the right, pull slightly forward and lift from the back.



HAVE YOU ISOLATED THE GAS SUPPLY?

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

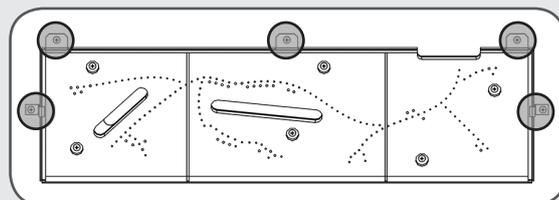
Carefully remove through the front of the appliance. Place carefully to one side.



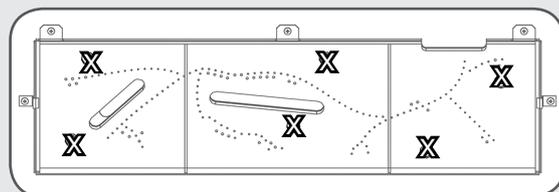
IMPORTANT:

The moulded emberbed is factory set to ensure the correct gas flow to the burner.

ONLY remove the screws highlighted in this section that hold the entire Burner Assembly to the firebox.



Removing screws securing the emberbed to the burner tray will compromise the assembly, prevent the appliance operating correctly and potentially cause safety issues.



DO NOT REMOVE THE MOULDED EMBERBED.

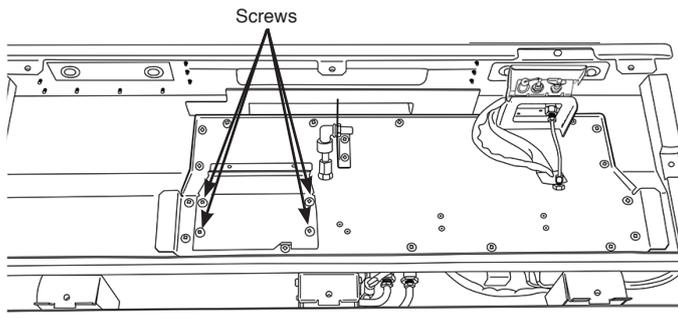
MAIN CONTROL ASSEMBLY

As a safety precaution remove the batteries from the Battery Holder, see User Section

Remove the Glass Frame.

Remove the Main Burner.

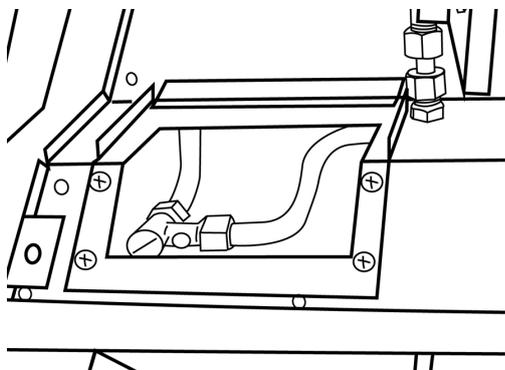
Remove the 4 screws to remove the access plate.



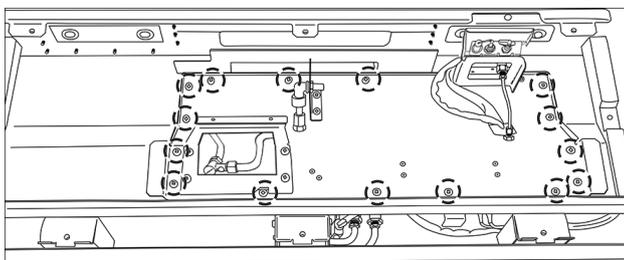
Turn the gas supply off at the isolation device.

HAVE YOU ISOLATED THE GAS SUPPLY?

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

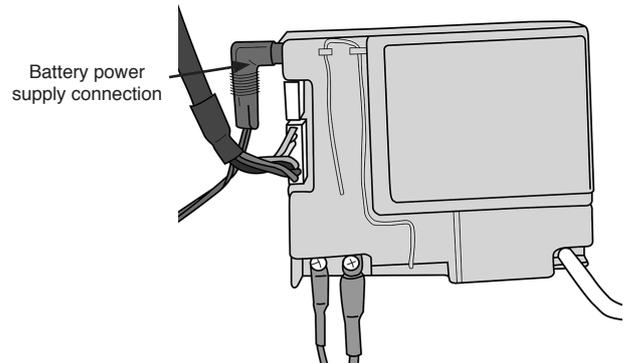


Remove the 15 screws securing the control assembly.



Lift the back of the control assembly and tilt forward to enable access to the controls.

Disconnect the Battery Supply Cable from the control unit.



The Control Assembly can now be lifted and removed through the front of the appliance.

Replace in reverse order.

PILOT UNIT ASSEMBLY

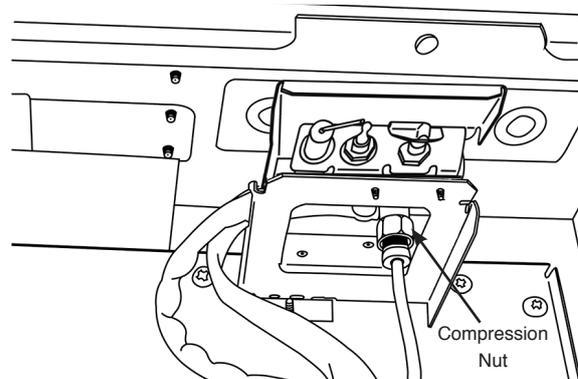
The Pilot Assembly is a complete unit and needs to be replaced as a unit.



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

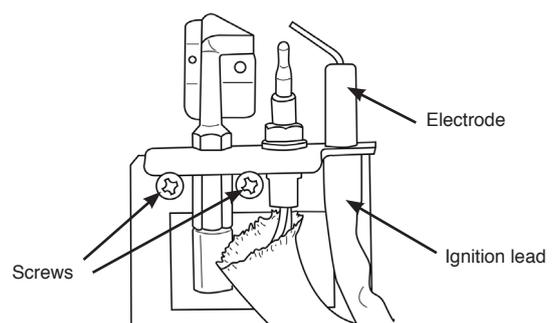
Remove the Main Burner and the Main Control Assembly.

Undo the compression nut from the Pilot Pipe.



Remove the Ignition Lead from the Electrode.

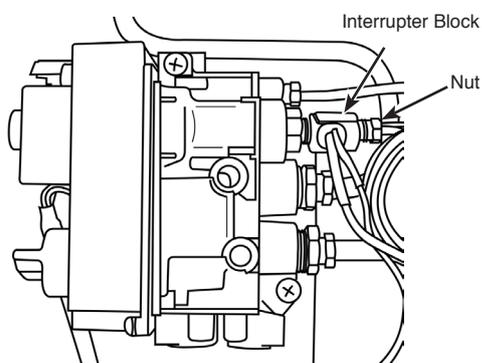
Undo the 2 retaining screws from Pilot Unit Bracket.



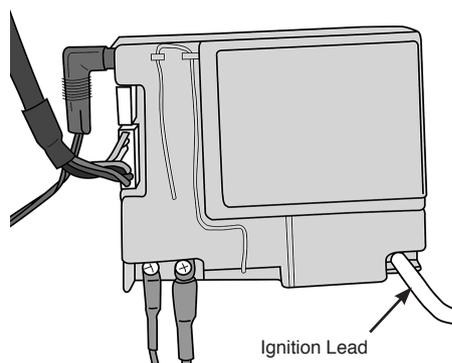
IMPORTANT: The Ignition Lead and the Thermocouple need to be removed at the same time regardless of which needs to be replaced.

Unplug the Ignition lead from the Electrode and undo the brass nut to remove the Thermocouple from the Pilot Burner Unit.

Undo the brass nut from the back of the Interrupter Block to disconnect the Thermocouple.

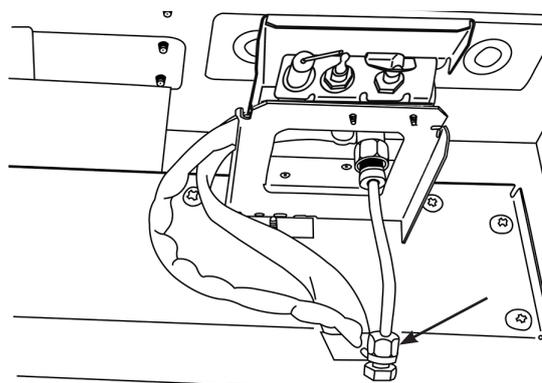


Unplug the Ignition Lead from the Control Box.



Carefully cut cable ties from the Vidaflex.

IMPORTANT Ensure not to cut the cables.
Remove screw and sealant from plate.



Feed Ignition Lead and Thermocouple complete with Vidaflex through metal plate.

Withdraw Ignition Lead and Thermocouple from Vidaflex sleeve. THIS MUST BE KEPT AND ASSEMBLED ON THE NEW LEAD. A CABLE TIE MUST ALSO BE USED TO RETAIN THE SLEEVE.

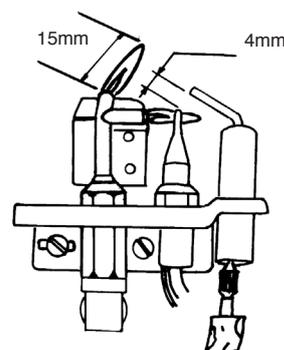
IMPORTANT The cables must follow the same route when they are replaced.

When replacing the cover plate ensure silicone sealant is used to seal the aperture.

The cable can only be fitted on way round, ensure this is correct when refitting a replacement.

IMPORTANT Ensure that the red end of the Ignition Cable is reconnected to the electrode.

Set the spark gap.



IGNITION LEAD

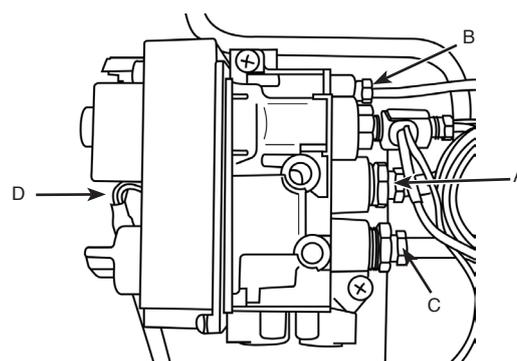
IMPORTANT: The Ignition lead and the Thermocouple need to be removed at the same time regardless of which needs to be replaced.

GAS VALVE

To change the gas valve:

Remove the Main Burner and the Main Control Assembly.

Release the Gas Inlet Pipe, see arrow A.



Remove the Thermocouple from the Interrupter Block.

Release the Pilot Pipe, see arrow B.

Release the Gas Outlet Pipe, see arrow C.

Remove the Eight Wire Loom, see arrow D.

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

Replace in reverse order.

MAGNETIC SAFETY VALVE

To replace the Magnetic Safety Valve:

Undo the Thermocouple from the Interrupter Block and remove the two 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.

CONTROL BOX

Remove the main burner and the main control assembly.

Remove the two Thermocurrent cables by removing the two screws.

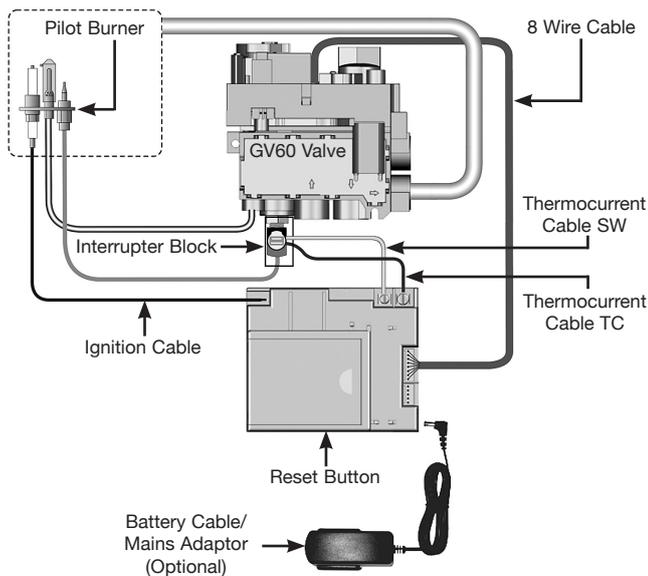
Remove the ignition lead.

Remove the eight wire loom from the control box.

Remove the battery extension cable.

The control box can now be replaced.

When replacing the sealing plate on the rear of the control cover use a suitable silicone sealant.



After replacing the control box you may need to reprogram the handset.

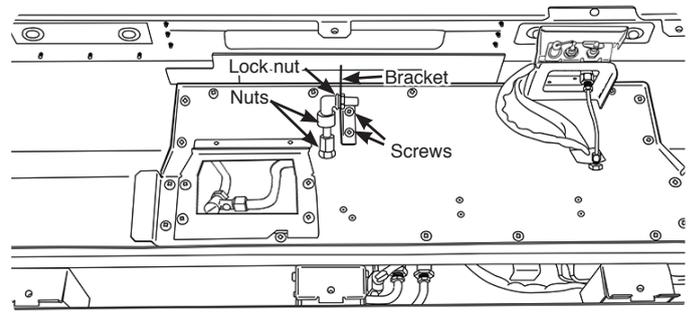
- Press and hold the reset button on the control box until you hear two signals. After the second longer signal:
- Release the reset button and within 20 seconds:
- Press the DOWN button on the handset until you hear two additional short signals confirming the new code is set.

If there is a single long signal the code learning sequence has failed or the wiring is incorrect.

MAIN INJECTOR

Remove the Main Burner.

Undo the 2 nuts and the lock nut..



Remove the 2 screws and the bracket.

The Injector can now be replaced.

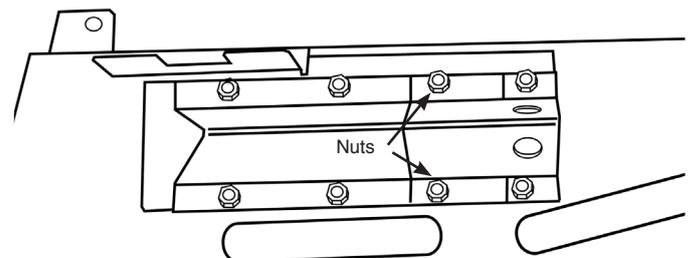
Reassemble in reverse order.

PRIMARY AERATION PLATE

Remove the burner unit.

Turn the Main Burner unit over and place on a soft surface so as to not damage the unit.

Remove the 2 fixing nuts and slide the plate off the venturi, the Aeration Plate can now be replaced.



CHANGING BETWEEN GAS TYPES

In order to change between gas types, it will be necessary to change the Burner Assembly, Pilot, Injector, Aeration Plate, and Air Guide.

Contact your Gazco retailer for further information.

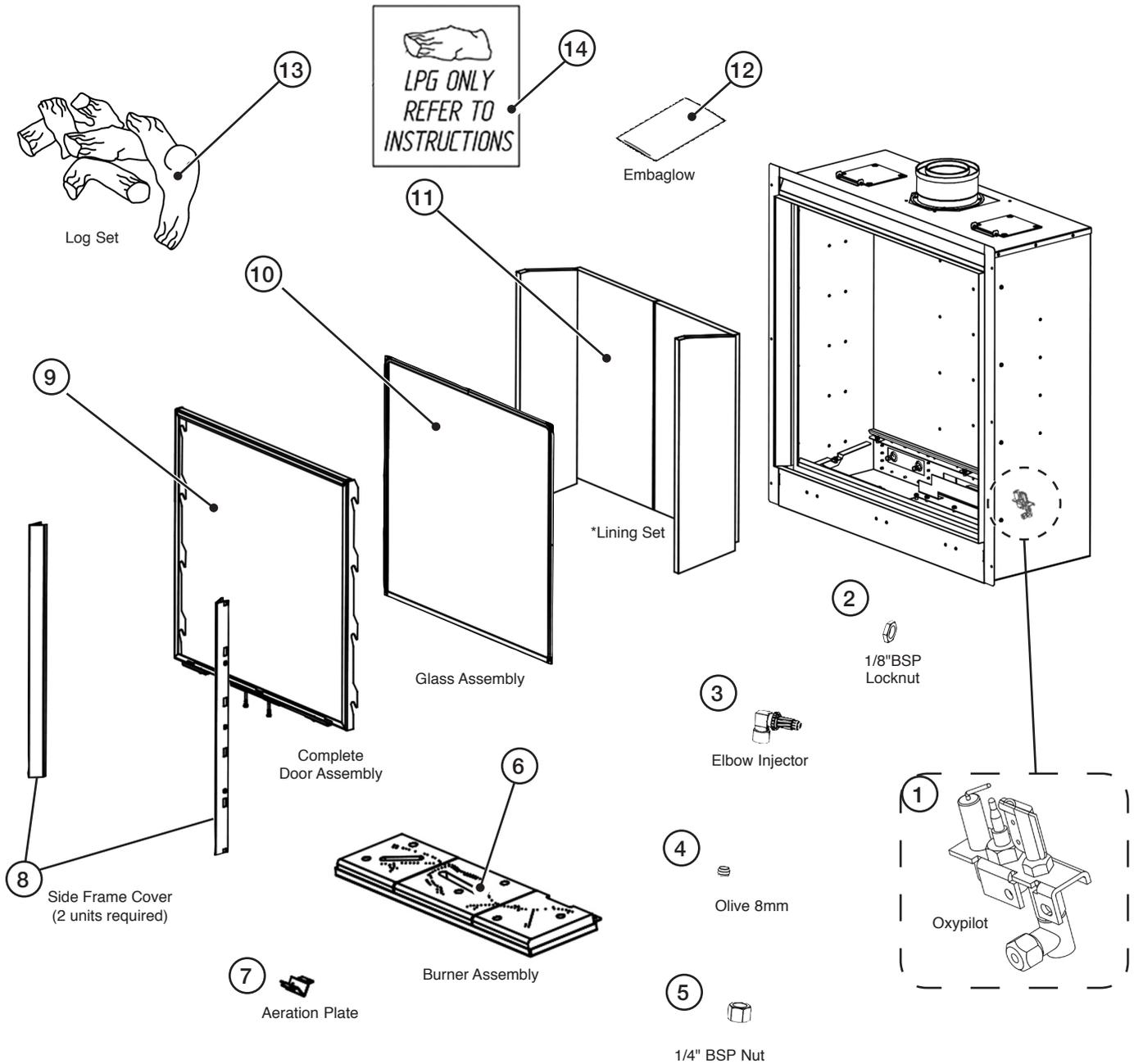
A kit of parts is available for this. Always quote the Model number and Serial number when ordering any spare parts.

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.
Vermiculite linings		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 for reuse to reduce waste going to landfill.
Rope seals/ Coal Fuel Effects/ Brick Effect, Ledgestone and Black Reed Liners		If the product contains any of the following: Rope seals, Coal Fuel Effects, Black Reed Brick Effect or Ledgestone Linings panels 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.
Log Fuel Effects		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		Dispose of at a local recycling centre in accordance with the WEEE directive.

SPARES LIST - MAIN ASSEMBLY



GAS TYPE	1	2	3	4	5	6	7
LPG	PI0045	FA0241	IN0058	FA0011	FA0029	GZ11698	GZ13623
Nat. Gas	PI0044		IN0080				GZ10407

GAS TYPE	8	9	10	*11	12	13	14
LPG	GZ11670	GZ13539	GZ13551	*See Lining Set Table	GZ8471	CE1418	CE1794
Nat. Gas							-

*LINING SET	*11
Black Reeded	934-037
Vermiculite	934-062
Black Glass	934-091
Brick Effect	934-077
Ledgestone	934-086



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.

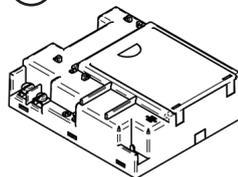
SPARES LIST - CONTROL ASSEMBLY

1



Ignition Cable

6



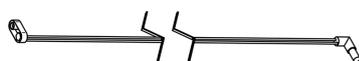
Receiver

7



Interrupter Block

2



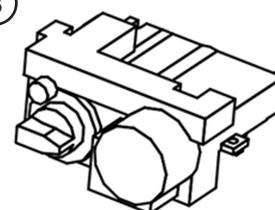
Battery Cable

9



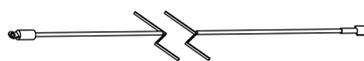
Mag Unit

8



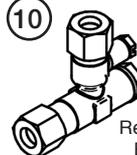
Control Valve

3



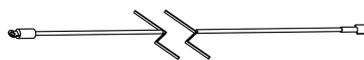
Thermocurrent Cable

10



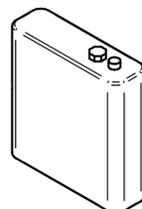
Restrictor Elbow

4



Thermocurrent Cable

11



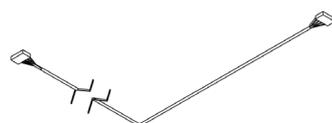
Battery Holder

12



Handset

5



Connection Cable

1	2	3	4	5	6	7	8	9	10	11	12
GC0125	GC0138	EL0590	GC0126	GC0133	EL0589	GC0124	GC0123K	GC0166	GC0095	EL0616	EL0571



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.

INFORMATION REQUIREMENT FOR GASEOUS FUEL LOCAL SPACE HEATER

Model	Riva2 750HL BF NG	Riva2 750HL BF LPG
Fuel	Space Heating Emissions (NOx) - mg / kWh _{input} (GCV)	130

Heat Output	Nominal Heat Output - P_{nom}	7.0kW	6.9kW
	Minimum Heat Output (indicative) - P_{min}	3.4kW	3.4kW

Auxiliary Electricity Consumption	At Nominal Heat Output - e_{lmax}	N/A	N/A
	At Minimum Heat Output - e_{lmin}	N/A	N/A
	In Standby Mode - $e_{l_{sb}}$	N/A	N/A

Useful Efficiency (NCV)	Useful Efficiency at nominal heat output - $\eta_{th,nom}$	92.0%	92.0%
	Useful Efficiency at minimum heat output (indicative) - $\eta_{th,min}$	76.0%	76.0%

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	88.0%	88.0%
Energy Efficiency Class	A	A

Contact:	Gazco Ltd, Osprey Road, Sowton Industrial Estate, Exeter, EX2 7JG
-----------------	---

1ST 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

5TH 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

9TH 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

4TH 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

8TH 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):

Gazco Ltd, Osprey Road, Sowton Industrial Estate, Exeter, Devon, England EX2 7JG

Tel: (01392) 474011 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

