



*Fire Your Imagination*

# Studio

Freestanding Conventional Flue  
with Thermostatic Remote Control



**IMPORTANT:**  
FOR EASY TO FOLLOW,  
STEP BY STEP VIDEO  
INSTRUCTIONS ON HOW TO  
OPERATE AND MAINTAIN YOUR  
GAZCO REMOTE SYSTEM GO TO  
[WWW.GAZCO.TV](http://WWW.GAZCO.TV)

## Instructions for Use, Installation and Servicing

For use in GB, IE (Great Britain and Republic of Ireland)

### 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 8423:2002 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.

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

## Studio Freestanding - Conventional Flue

Covering the following models:

		STUDIO 1		STUDIO 2	
		Vermiculite	Black Reeded	Vermiculite	Black Reeded
Log Nat Gas	Black	508-007	508-016	508-079	508-088
	White	508-025	508-034	508-253	508-266
Log LPG	Black	508-405	508-414	508-495	508-504
	White	508-423	508-441	508-513	508-522
Stone Nat Gas	Black	508-013		508-104	
	White	508-039		508-473	
Stone LPG	Black	508-536		508-292	
	White	508-434		508-486	

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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](http://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		
3. Spillage Test		
GAS CHECK	PASS	FAIL
1. Gas soundness & let by test		
2. Standing gas pressure	mb	
3. Appliance working pressure (on High Setting) NB All other gas appliances must be operating on full	mb	
4. Gas rate	m <sup>3</sup> /h	
5. Does Ventilation meet appliance requirements		
BUILDING CONTROL NOTIFICATION	YES	NO
1. Installer notified GasSafe/Local Authority of installation via Competent Persons Scheme?		

## RETAILER AND INSTALLER INFORMATION

**Retailer** .....  
 .....  
 .....  
**Contact No.**.....  
**Date of Purchase** .....  
**Model No.** .....  
**Serial No.**.....  
**Gas Type** .....

**Installation Company**.....  
 .....  
 .....  
**Engineer**.....  
**Contact No.**.....  
**GasSafe Reg No.** .....  
**Date of Installation** .....

# User Instructions

## Welcome

*Congratulations on purchasing your Studio fire, if installed correctly Gazco hope it will give you many years of warmth and pleasure for which it was designed.*

*The purpose of this manual is to familiarise you with your appliance, and give guidelines for its installation, operation and maintenance. If, after reading, you need further information, please do not hesitate to contact your Gazco retailer.*

## WARNING



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

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

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

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

## 1. General

- 1.1 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:



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

- 1.3 Do not place curtains above the appliance: You must have 300mm (1') clearance between the appliance and any curtains at either side.
- 1.4 No furnishings or other objects should be placed within 1 metre of the front of the appliance.
- 1.5 If a shelf is fitted, a distance of 400mm above the appliance is required.
- 1.6 If any cracks appear in the glass panel do not use the appliance until the panel has been replaced.
- 1.7 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.

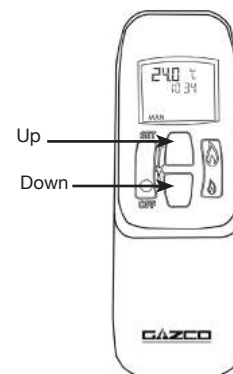


**IMPORTANT: NEVER position a television or screen above this appliance.**

## 2. Operating the Appliance

The appliance is operated by thermostatic remote control.

1



### 2.1 Turning the appliance On

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

To turn the fire 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.**

# User Instructions

2.2 There are 3 different modes available for controlling and operating the appliance:

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

2.3 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 fire:

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



**NOTE: When operating the fire in Temp or Timer mode, the pilot remains lit and the fire 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

2.4 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

2.5 Press the OFF button and the UP button simultaneously. You hear several clicks and audible beeps as the fire 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 FIRE 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 fire 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)

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

To increase or decrease the fire'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 fire 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)

2.7 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

2.8 **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 fire first lights, change P1●

# User Instructions

- 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 Studio first shuts down:

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

## 2.9 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.

## 2.10 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.

## 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.

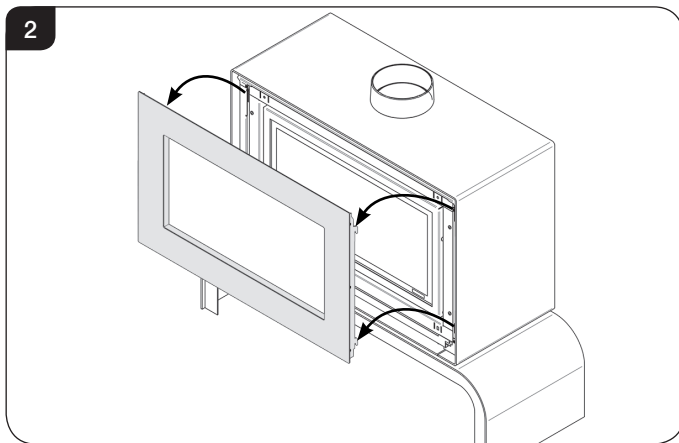


If the remote is removed, lost or damaged, signals transmitted to the receiver cease. Your fire will go to standby (pilot) mode after 6 hours.

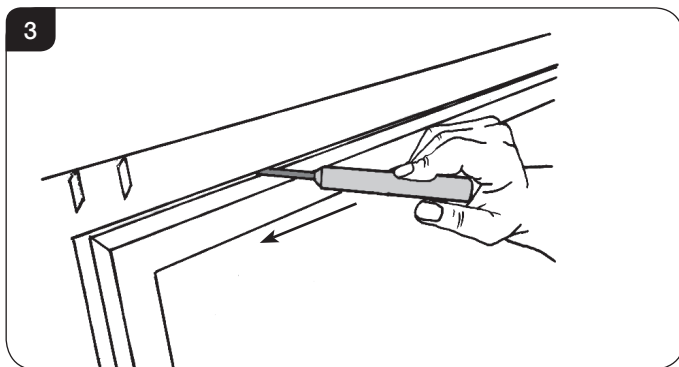
# User Instructions

## 3. Cleaning the Studio

- 3.1 Make sure the appliance and surrounds are cool before cleaning.
- 3.2 Use:
  - A damp cloth for the decorative front.
  - A damp cloth to clean the enamelled inner panels (Stone version only).
  - Soap and water to clean the glass.
- 3.3 Remove the decorative front by lifting to disengage the fixing hooks from the locating slots, see Diagram 2.



- 3.4 Using the hexagon key provided release the window locks at the top of the glass door, see Diagram 3.
- 3.5 The locks move from shut to open towards the outer edges of the glass door, see Diagram 3.



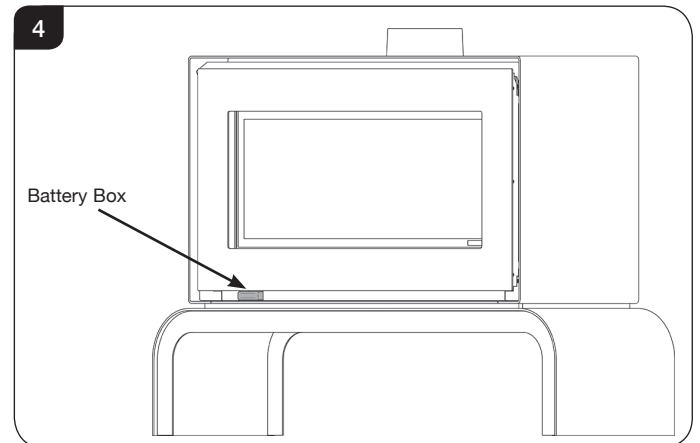
- 3.6 Support the door and let it fall gently forward.
- 3.7 Open it down to its stop position.
- 3.8 **When closing the door ensure the door catches are fully engaged.**

**! UNDER NO CIRCUMSTANCES SHOULD THE APPLIANCE BE USED WITHOUT THE CATCHES HOLDING THE DOOR IN PLACE.**

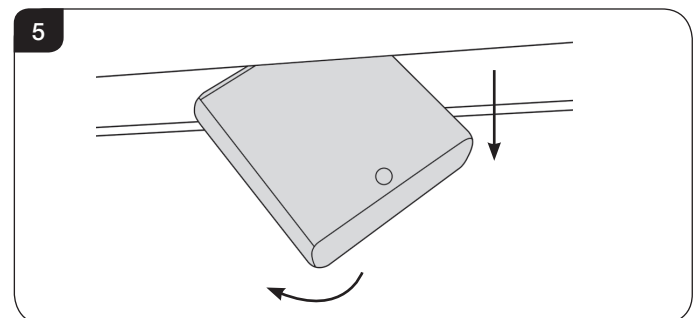
## 4. Changing the Appliance Batteries

The batteries can be accessed without removing the decorative front.

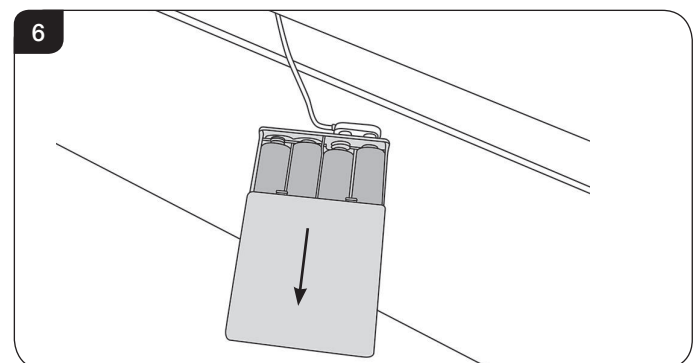
- 4.1 The battery box is located between the decorative front and the outer box on the bottom left hand side of the appliance, see Diagram 4.



- 4.2 Pull the battery box forward as far as possible, then twist slightly to the left to remove, see Diagram 5.



- 4.3 Remove the cover by sliding off in the direction of the arrow as shown in Diagram 6.



- 4.4 Correctly position the four new AA size batteries into the battery holder.
- 4.5 Re-assemble in reverse order.

**! PLEASE ENSURE NO WIRES ARE TRAPPED WHEN REPLACING THE BATTERY BOX INTO THE BRACKET. THE LEADS ARE EASILY DAMAGED.**

# User Instructions

## 5. Arrangement of the fuel bed

### Advice on handling and disposal of fire ceramics



The fuel effect of the log version of this appliance is 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 we recommend you follow normal hygiene rules of not smoking, eating or drinking in the work area and always wash your hands before eating or drinking.

To ensure that the release of RCF fibres are kept to a minimum, during installation and servicing a HEPA filtered vacuum is recommended to remove any dust accumulated in and around the appliance before and after working on it. 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.

Excessive exposure to these materials may cause temporary irritation to eyes, skin and respiratory tract; wash hands thoroughly after handling the material.

5.1 **White Stone and Glass Fuel Effects:** To replace the white stone effect chippings or glass granules, make sure they are flattened so they are level with the rim of the tray.

5.2 **Vermiculite for Log Layout:** Use the entire bag of supplied Vermiculite.

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

**STACK STONES/GLASS EFFECT IN FRONT OF THE PILOT SHIELD TO OBSCURE THE BLACK METAL SHIELD.**

**ONLY GENUINE GAZCO PARTS CAN BE USED IN THIS APPLIANCE.**

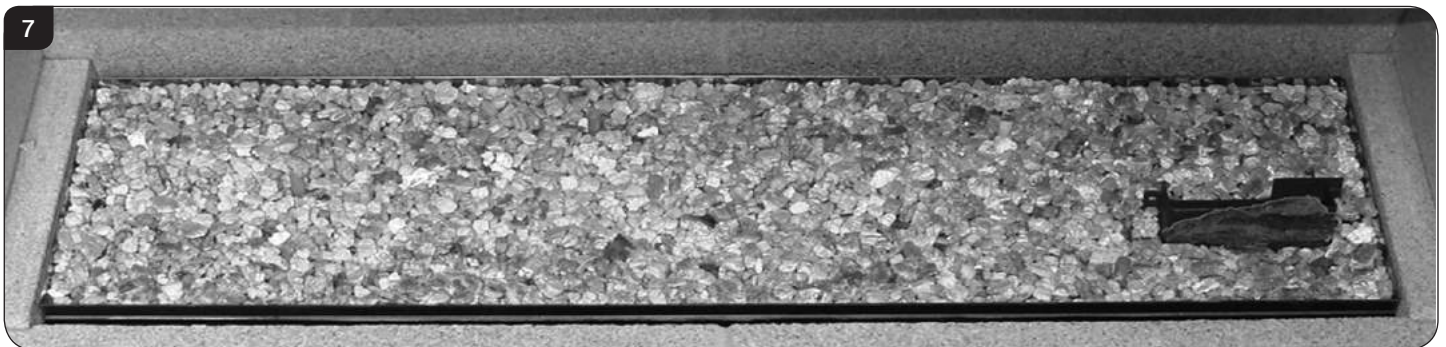
## 6. Log Layout

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

### Layout for Studio 1

6.1 Use all the vermiculite to fill the burner tray and spread evenly across the whole burner.

6.2 Rest the ceramic bark against the front face of the pilot shield, see Diagram 7.





# User Instructions

All logs can be identified by a letter (A - H) on their underside. The first three logs, A, B and C, also have holes to locate each onto a burner stud.

6.3 Working from left to right place logs A, B and C onto their studs, see Diagram 8.

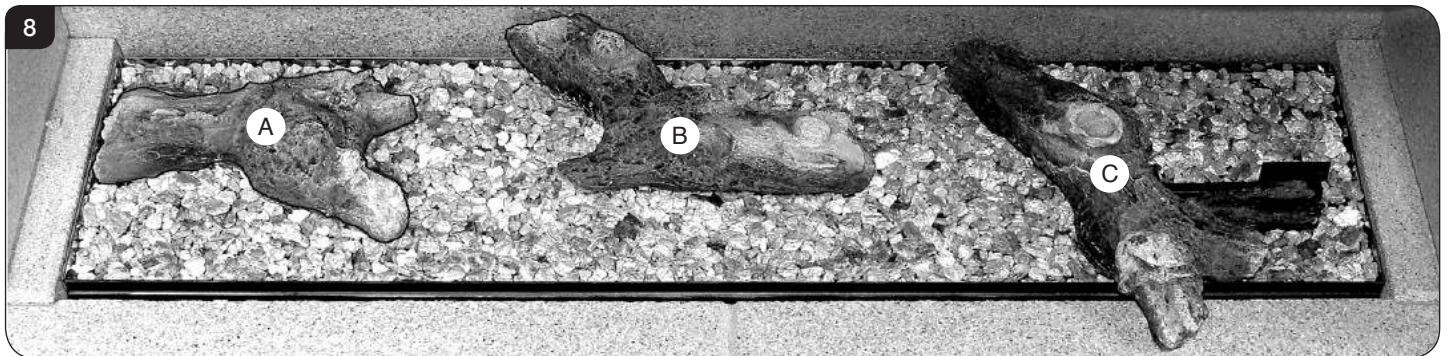
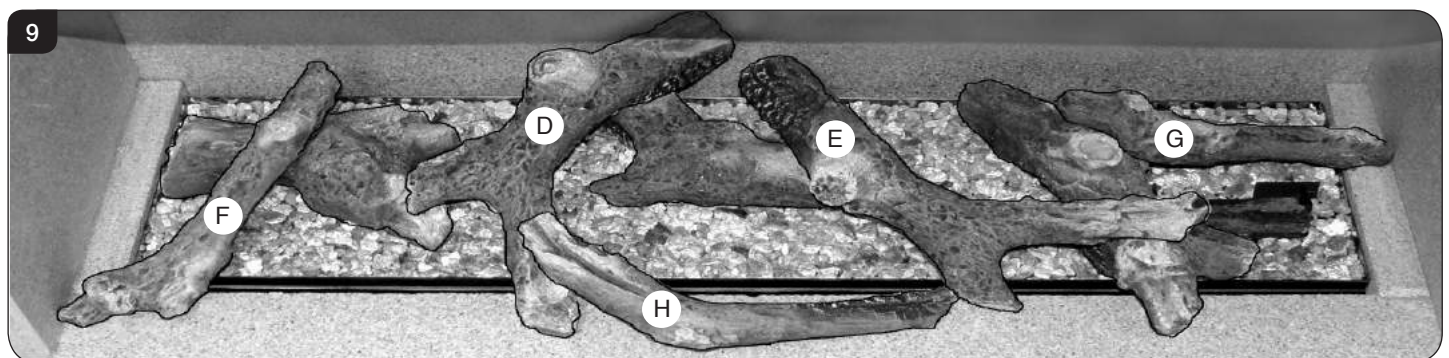


Diagram 9 shows the layout of logs D to H.

6.4 Log D has a recess on the underside to fit onto the stud of Log B at the back left. The small branch of the log rests on Log A.

6.5 A recess in the back of Log E fits the stud on Log B and its long branch rests snugly behind a wood knot of Log C.



6.6 Log F fits centrally onto Log A with its front edge resting on the front panel.

6.7 Log G is centrally positioned around the moulded wood knot of Log C and rests against the right side panel crossing the pilot shield beneath.

6.8 The small branch underneath Log H rests on the front panel and overlaps Log D just touching Log E.

6.9 Separate the Embaglow material into smaller pieces and pull into shape to create a fine layer.

6.10 Place the pieces of Embaglow between the logs in the highlighted areas shown in Diagram 10. Ensure the material is placed loosely between the logs to create a random glow.



# User Instructions

## Layout for Studio 2

6.11 Preparation of vermiculite and the ceramic bark pilot shield is the same as for Studio 1, see 6.1 & 6.2.

All logs can be identified by the letters (A - J) on their underside. The first four logs, I, A, B and C also have holes to locate each onto a burner stud.

6.12 Place logs I, A, B and C onto their studs, see Diagram 11.

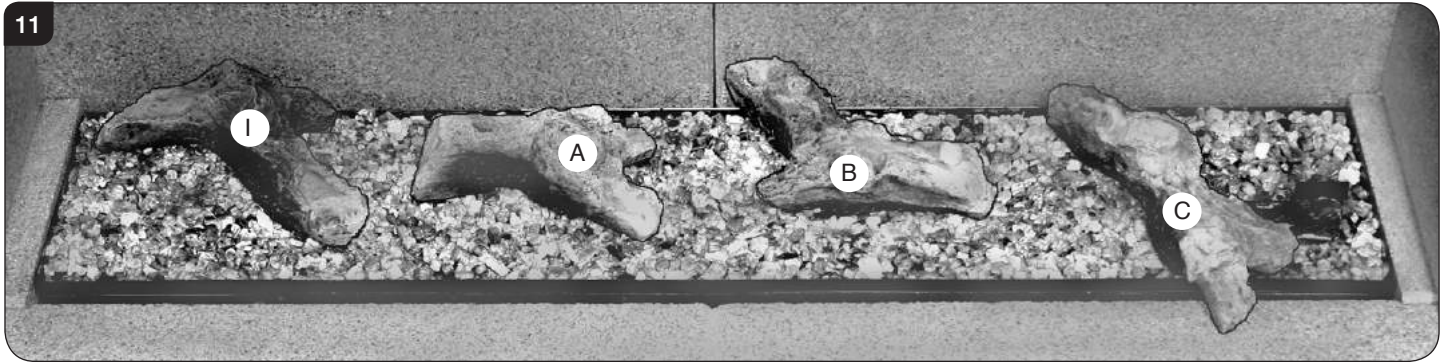


Diagram 12 shows the layout of logs D, E and J.

6.13 Log D has a recess on the underside to fit onto the stud of Log B at the back left. The small branch of the log rests on Log A.

6.14 A recess in the back of Log E fits the stud on Log B and its long branch rests snugly behind a wood knot of Log C.

6.15 The underside of log J has a moulded 'stop'. This rests about 12mm in from the left edge of Log A. The left branch of Log J also rests in the recess in Log I, see Diagram 12.

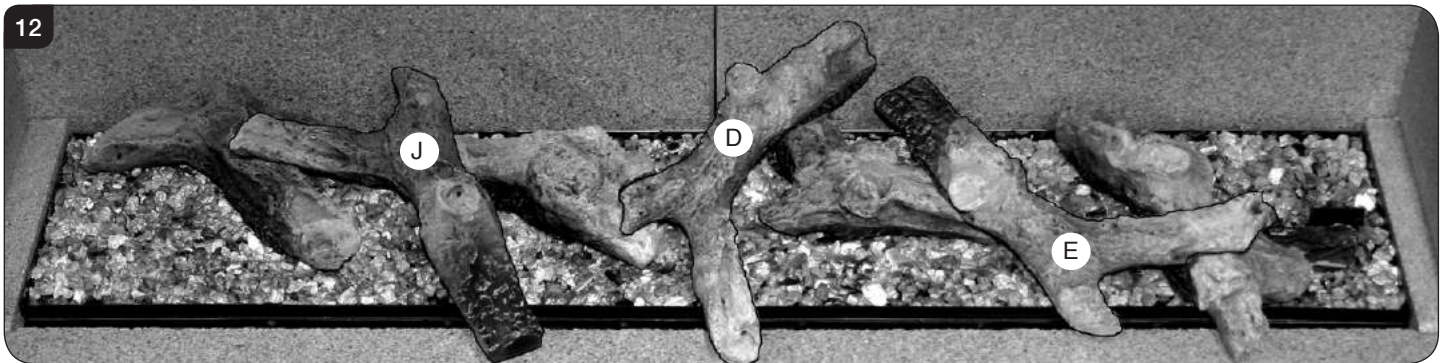


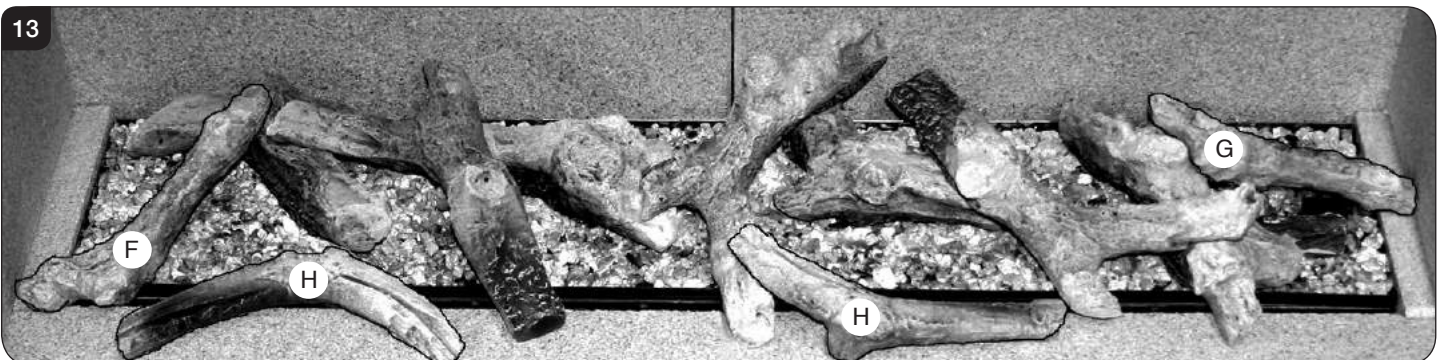
Diagram 13 shows the layout of the last four logs, F, G and two of log H:

6.16 Log F fits centrally onto Log I with its front edge resting on the front panel.

6.17 Log G is centrally positioned around the moulded wood knot of Log C and rests against the right side panel crossing the pilot shield beneath.

6.18 The first Log H rests on the front panel, overlapping Log D and touching Log E.

6.19 The second Log H rests anywhere on the front panel between F and J. **DO NOT LET THIS LOG OVERLAP THE BURNER.**



# User Instructions

6.20 Separate the Embaglow material into smaller pieces and pull into shape to create a fine layer.

6.21 Place the pieces of Embaglow between the logs in the highlighted areas shown in Diagram 14. Ensure the material is placed loosely between the logs to create a random glow.



## 7. Flame Failure Device

7.1 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.**

## 8. Running In

8.1 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.

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

## 9. Servicing

9.1 The appliance must be serviced every 12 months by a qualified GasSafe Engineer. In all correspondence always quote the Model number and the Serial number which may be found on the Commissioning Checklist (Page 3).

## 10. Ventilation

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

## 11. Installation Details

11.1 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.

## 12. Hot Surfaces

12.1 Parts of this appliance become hot during normal use.

12.2 Regard all parts of the appliance as a working surface.

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

## 13. Appliance will not light

If you cannot light the appliance:

13.1 Check and change the batteries in the remote handset.

13.2 Check and change the appliance batteries (see Section 4).

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

# Installation Instructions

## Technical Specification

Covering the following models:

		STUDIO 1	STUDIO 2
Stone Nat Gas	Black	508-013	508-104
	White	508-039	508-473
Stone LPG	Black	508-536	508-292
	White	508-434	508-486

### Stone Chippings Versions

Model	Gas CAT.	Gas Type	Working Pressure	Aeration	Injector	Gas Rate m <sup>3</sup> /h	Input kW (Gross)		Country
							High	Low	
Studio 1	I <sub>2</sub> H	Natural G20	20mbar	6mm x 10mm	390	0.657	6.9	4.0	GB, IE
	I <sub>3</sub> P	Propane G31	37mbar	16mm x 23mm (2)	185	0.257	6.9	4.0	GB, IE
Studio 2	I <sub>2</sub> H	Natural G20	20mbar	9mm x 15mm offset	530	0.791	8.3	4.2	GB, IE
	I <sub>3</sub> P	Propane G31	37mbar	16mm x 23mm + 10mm x 16mm	225	0.312	8.3	4.2	GB, IE
<b>Studio 1 - Efficiency Class 2 - 70% / NOx Class 4</b>									
<b>Studio 2 - Efficiency Class 2 - 78% / NOx Class 4</b>									
Flue Size - TOP EXIT 128mm ø									
Flue Size - REAR EXIT 178mm ø minimum									
Gas Inlet Connection Size = 8mm ø									
Minimum Flue Specification = T250/N2/O/D/1									
Maximum Flue Temp = 220°C									



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 2009 is 63.4% for the Studio 1 and 70.3% for the Studio 2. 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.

# Installation Instructions

## Technical Specification

Covering the following models:

		STUDIO 1		STUDIO 2	
		Vermiculite	Black Reeded	Vermiculite	Black Reeded
Log Nat Gas	Black	508-007	508-016	508-079	508-088
	White	508-025	508-034	508-253	508-266
Log LPG	Black	508-405	508-414	508-495	508-504
	White	508-423	508-441	508-513	508-522

### Log Version

Model	Gas CAT.	Gas Type	Working Pressure	Aeration	Injector	Gas Rate m <sup>3</sup> /h	Input kW (Gross)		Country
							High	Low	
Studio 1	I <sub>2</sub> H	Natural G20	20mbar	6mm x 10mm	375	0.638	6.7	4.0	GB, IE
	I <sub>3</sub> P	Propane G31	37mbar	6mm x 1mm0 16mm x 23mm	128	0.260	6.9	4.0	GB, IE
Studio 2	I <sub>2</sub> H	Natural G20	20mbar	6mm x 15mm	530	0.790	8.5	4.4	GB, IE
	I <sub>3</sub> P	Propane G31	37mbar	6mm x 8mm 16mm x 23mm	150	0.331	8.8	4.4	GB, IE
<b>Studio 1 - Efficiency Class 2 - 70% / NOx Class 4</b>									
<b>Studio 2 - Efficiency Class 2 - 78% / NOx Class 4</b>									
Flue Size - TOP EXIT 128mm ø									
Flue Size - REAR EXIT 178mm ø minimum									
Gas Inlet Connection Size = 8mm ø									
Minimum Flue Specification = T250/N2/O/D/1									
Maximum Flue Temp = 220°C									

# Installation Instructions

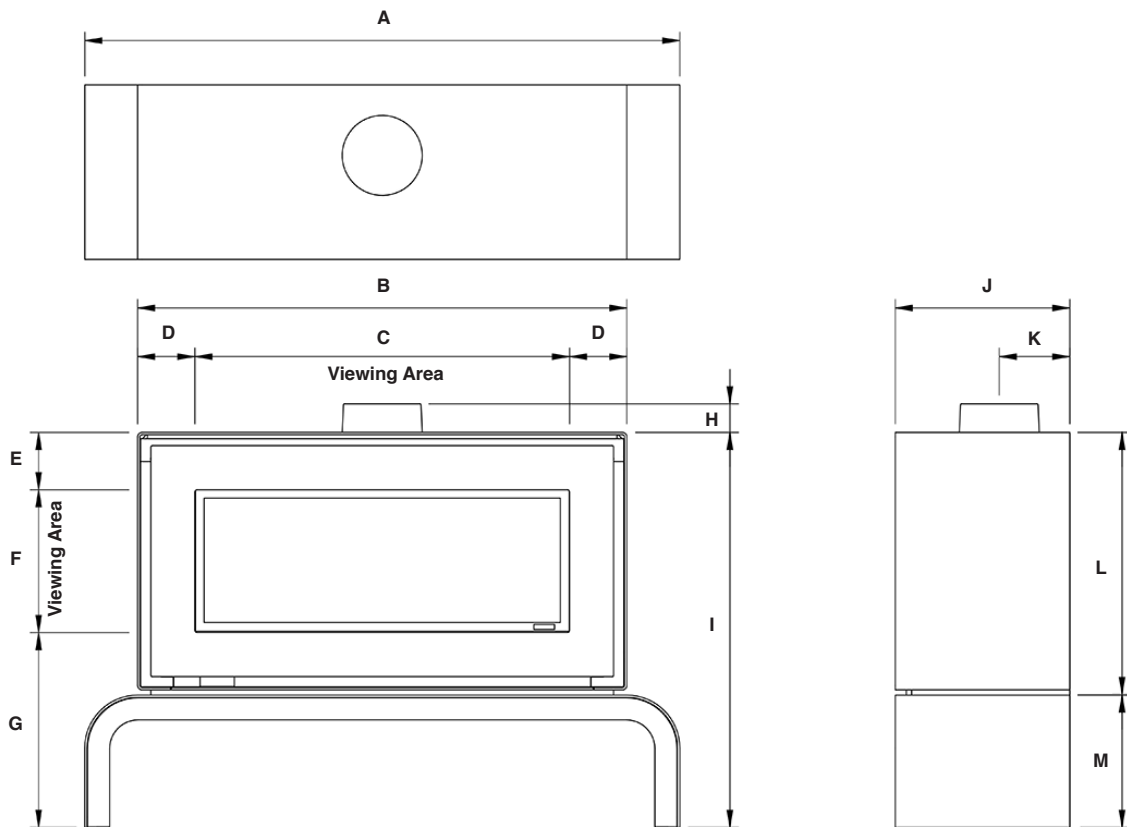
## Technical Specification

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

### PACKING CHECKLIST

Qty Description	Fixing Kit containing:
1 x Flue Collar (supplied with appliance)	1 x Instruction Manual 1 x Handset 1 x 9v cell batteries
<b>Stone Chippings Effect Version:</b> 1 x White Stone Chippings	4 x AA batteries 1 x Door opening tool 8 x M5 x 25mm Bolts 8 x Washers
<b>Log Version:</b> 1 x Log Set 1 x Vermiculite 1 x Bag Embaglow material	1 x Battery holder 1 x Inlet extension pipe 1 x 8mm elbow connector

Freestanding Studio with Bench

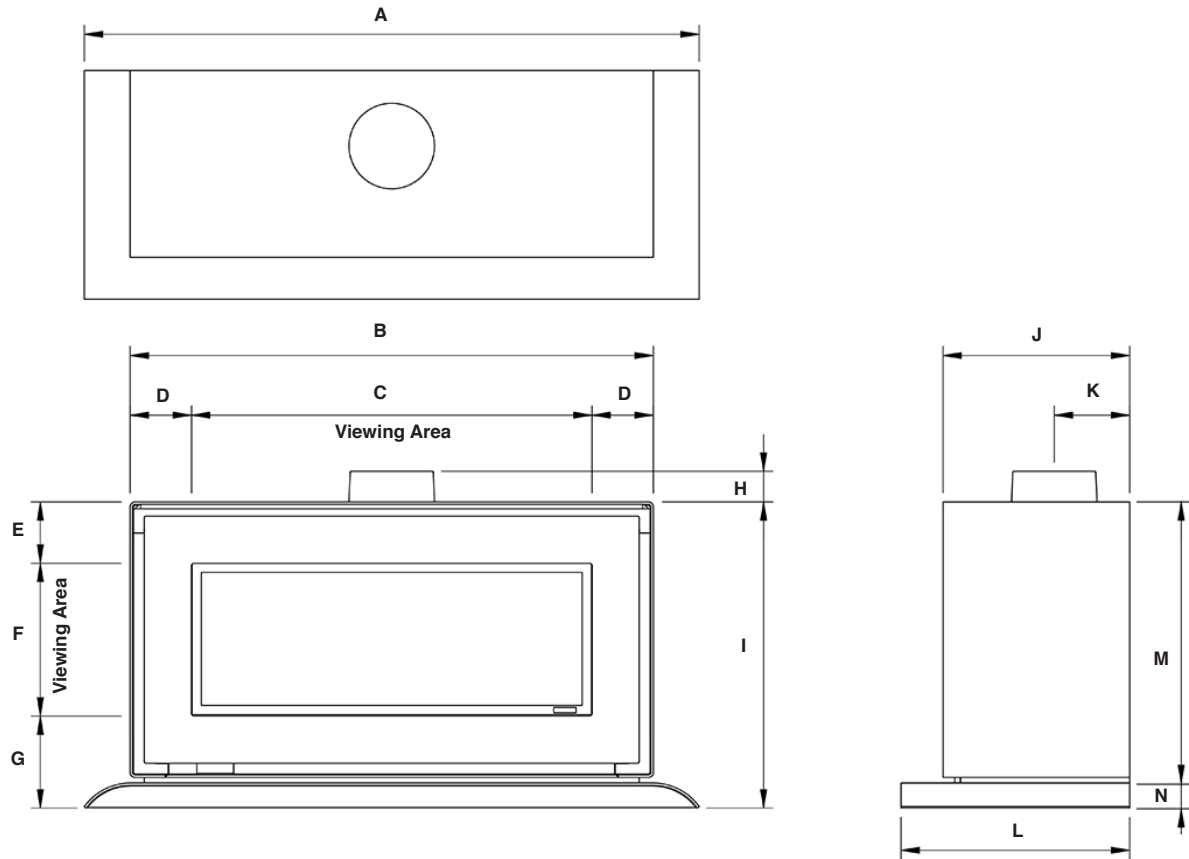


Model	A	B	C	D	E	F	G	H	I	J	K	L	M
Studio 1	1150	910	650	130	130	324	442	43.5	896	396	148	596	300
Studio 2	1350	1110	850	130	130	324	442	43.5	896	396	148	596	300

# Installation Instructions

## Technical Specification

Freestanding Studio with Plinth



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N
Studio 1	1105	910	650	130	130	324	195	43.5	649	396	148	485	596	53
Studio 2	1305	1110	850	130	130	324	195	43.5	649	396	148	485	596	53

# Installation Instructions

## Site Requirements

### 1. Flue & Chimney Requirements

**WHEN INSTALLING A FLUE SYSTEM PLEASE REFER TO THE MANUFACTURER'S INSTRUCTIONS.**

The European chimney standards now describe chimneys and flues by their temperature, pressure and resistance to corrosion, condensation and fire. To identify the correct flue system, the minimum flue specification is shown in the Technical Specification. Existing chimneys are not covered by this system.

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

- 1.1 A flexible liner must be continuous from the appliance spigot to the roof terminal.
- 1.2 The minimum effective height of the flue must be 3m (10').
- 1.3 The flue must be free from any obstruction.
- 1.4 Any damper plates must be removed or secured in the fully open position and no restrictor plates fitted.
- 1.5 The chimney should be swept immediately before installing the appliance, but it need not be swept if you can see the chimney is clean and free from obstruction throughout.

### 2. Flue Options

**Top Exit only - Twin Wall Rigid  
127mm (5")**

**A range of Vitreous Enamel Gloss Black flue pipe is available to compliment the appliance. Please contact your Gazco retailer for further information.**

### 3. Gas Supply

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

- 3.1 Make sure local distribution conditions (identification of the type of gas and pressure) and the adjustment of the appliance are compatible before installation.
- 3.2 Ensure the gas supply delivers the required amount of gas and is in accordance with the rules in force.
- 3.3 Soft copper tubing can be used on the installation and soft soldered joints outside the appliance and below the firebed.
- 3.4 A factory fitted isolation device is part of the inlet connection; no further isolation device is required.
- 3.5 All supply gas pipes must be purged of any debris that may have entered prior to connection to the appliance.

- 3.6 The gas supply enters through the silicone panel located beneath the control access panel at the base of the firebox. Slit with a sharp knife before passing the supply pipe through.
- 3.7 The gas supply must be installed in a way that does not restrict the removal of the appliance for servicing and inspection.

### 4. Ventilation

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

**UK ONLY:**

The Studio 1 has a nominal input not exceeding 7.0kW and does not normally require any additional permanent ventilation.  
The Studio 2 must have permanent ventilation with a minimum open area of 5.85cm<sup>2</sup>.

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

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

### 5. Appliance Location

- 5.1 This appliance has been designed to stand on a designated bench or plinth.
- 5.2 For practical reasons, the floor should be flat and solid to allow the appliance to be levelled and secured in place.
- 5.3 This appliance may be situated anywhere in the room, but due consideration should be taken to ensure that it is sited within the constraints of the allowable flue configuration.
- 5.4 If the appliance is to be sited against a combustible wall, a clearance of 50mm should be allowed between the wall and the rear of the appliance.
- 5.5 This appliance must not be installed in a room that contains a bath or shower.
- 5.6 **Installations on a Bench or Plinth do not need a non-combustible floor but the appliance must not be fitted on a carpet. Use a solid floor.**
- 5.7 Installations on a Bench or Plinth do not require fixing to the floor.
- 5.8 To secure the appliance to the Bench or Plinth follow the instructions on Page 19.



# Installation Instructions

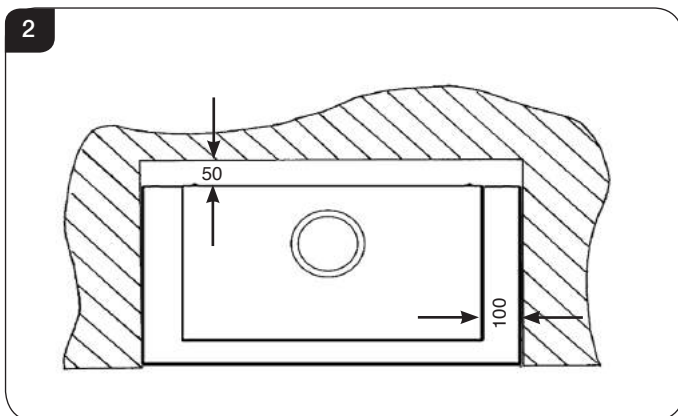
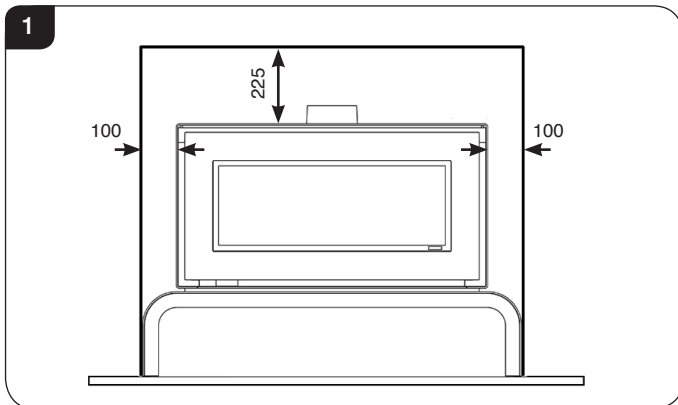
## Site Requirements

### Minimum Clearance

5.9 The appliance is not suitable for installation against a combustible wall. All combustible materials must be removed from behind the appliance.

5.10 **Ensure that all minimum clearances to combustible materials are complied with, see Diagrams 1 & 2.**

The specified clearances provide the minimum distance to combustible materials. If the appliance is intended to be installed into a non-combustible opening the clearance to the **sides and above** the appliance can be reduced. However, it is recommended that the specified clearances are maintained irrespective of the materials used in the construction of the opening to allow adequate air flow and access to controls.



# Installation Instructions

## 1. Safety Precautions

- 1.1 For your own and other's safety, you must install this stove according to local and national codes of practice. Failure to install the stove correctly could lead to prosecution. **Read these instructions before installing and using this appliance.**
- 1.2 These instructions must be left intact with the user.
- 1.3 Do not attempt to burn rubbish on this appliance.
- 1.4 Keep all plastic bags away from young children.
- 1.5 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.**

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



**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 17, REPLACING PARTS.**

## Unpacking

- 1.7 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.

## 2. Installation of the Appliance



**WARNING: THIS APPLIANCE IS HEAVY. USE CAUTION WHEN INSTALLING, REMOVING AND STORING AS THE APPLIANCE IS HEAVY AND SHOULD BE HANDLED CAREFULLY.**

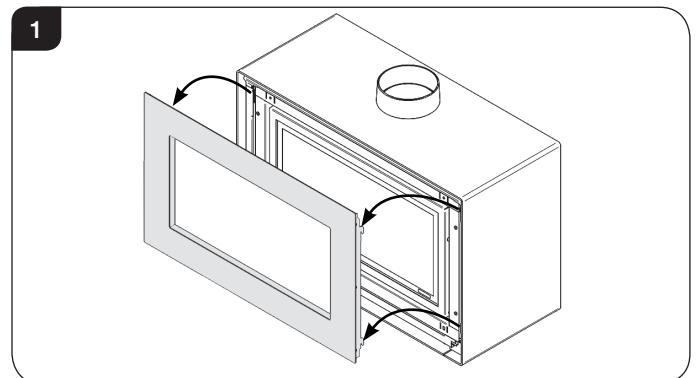
**AT LEAST TWO PEOPLE WILL BE REQUIRED TO INSTALL THIS APPLIANCE.**

There are two types of installation:

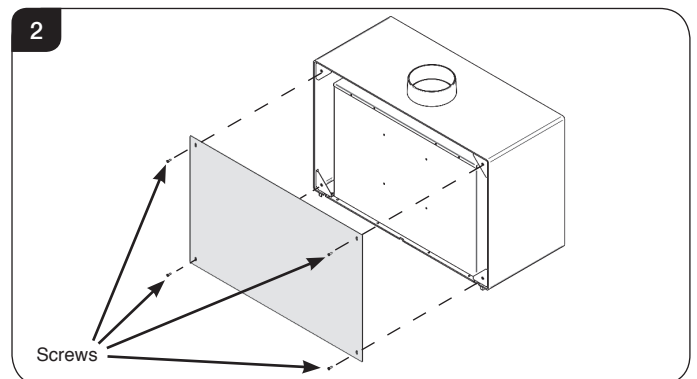
Bench Installation  
Plinth Installation

The method of installation is the same for both types of installation.

- 2.1 The following steps will need to be carried out prior to positioning the appliance in its final position.
- 2.2 Position the flue collar onto the top of the appliance.
- 2.3 Remove the decorative front by lifting to disengage the fixing hooks from the locating slots, see Diagram 1.



- 2.4 Place carefully to one side.
- 2.5 Remove the 4 screws to detach the back plate, see Diagram 2.

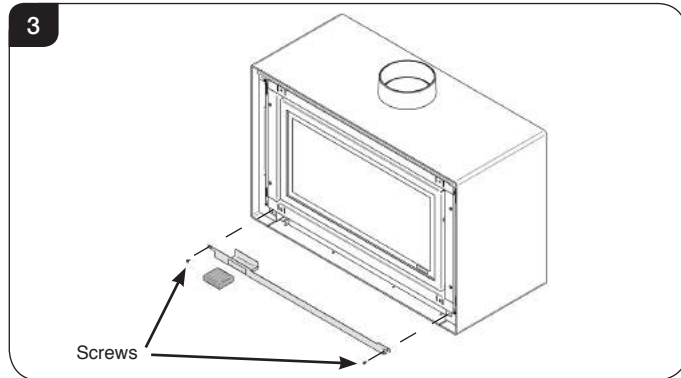


- 2.6 Place carefully to one side.

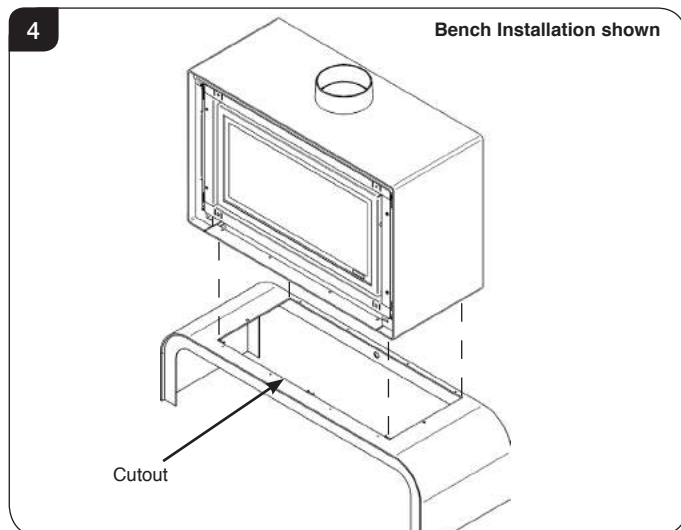
# Installation Instructions

- 2.7 Remove the 2 screws and detach the front bottom trim, see Diagram 3.

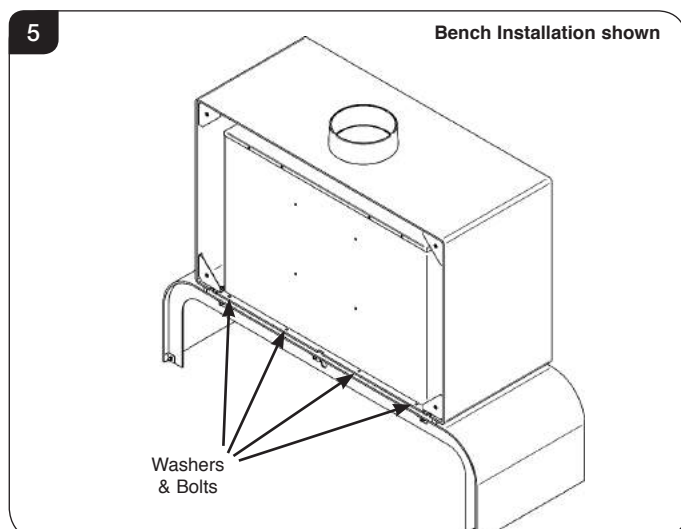
The battery box is located behind the front bottom trim. When removing the front bottom trim disconnect the cable from the battery box.



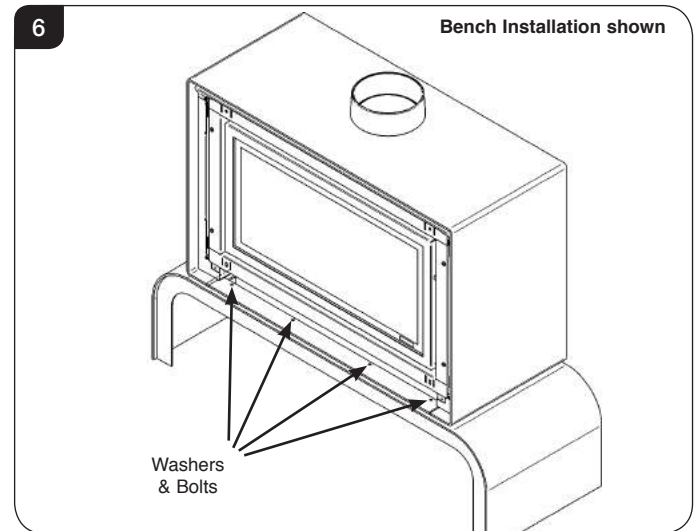
- 2.8 Carefully align the base of the appliance with the cutout and fixing holes in the Bench or Plinth. Carefully lower into position, see Diagram 4.



- 2.9 Using a spanner secure the back of the appliance to the Bench or Plinth with 4 washers and bolts supplied, see Diagram 5.



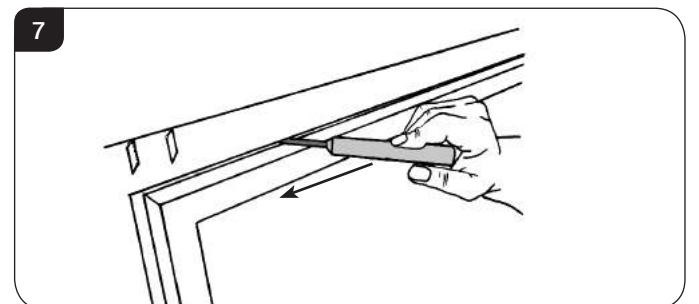
- 2.10 Using a spanner secure the front of the appliance to the Bench or Plinth with 4 washers and bolts supplied, see Diagram 6.



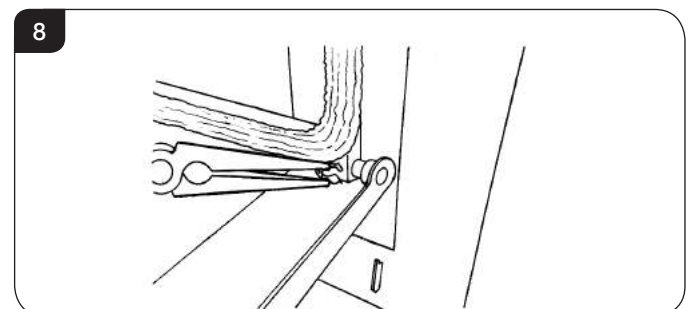
## Gas Installation

The appliance is supplied with an Inlet Extension Pipe to aid installation from the appliance to the gas supply pipe.

- 2.11 To open the glass door, use the hexagon key provided:  
2.12 Release the window locks moving each from shut to open towards the outer edge of the glass door, see Diagram 7.



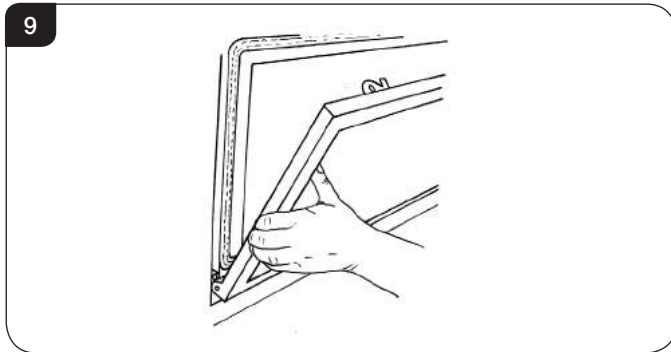
- 2.13 With the door lowered remove the spring clip from the right-hand hinge pin, see Diagram 8.



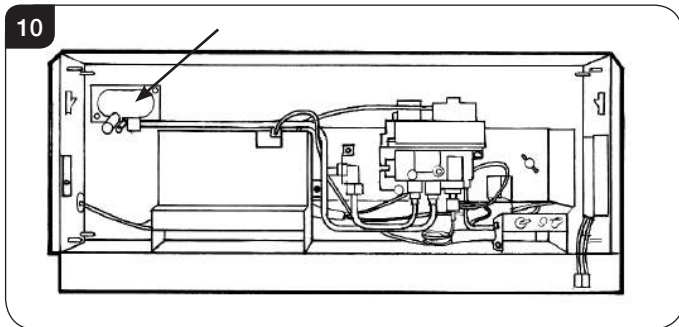
- 2.14 Raise the door to almost upright and move the door to the left. This releases the left-hand side off its hinge pin.

# Installation Instructions

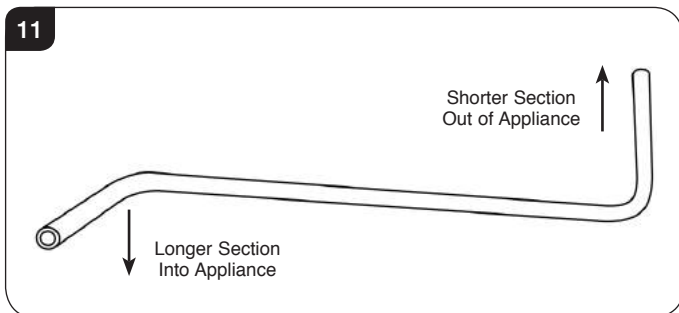
- 2.15 Lower the left-hand side of the door to clear the pin and move the door to the right to release it from the right pin. The door is now free to remove, see Diagram 9.



- 2.16 Remove the box from the appliance and store safely as it contains the remote control and fuel effects, etc.
- 2.17 Remove the liners, burner and splitter plate, referring to Servicing Instructions, Replacing Parts.
- 2.18 The gas supply enters the appliance through a silicone panel on the floor under the access panel, see Diagram 10.

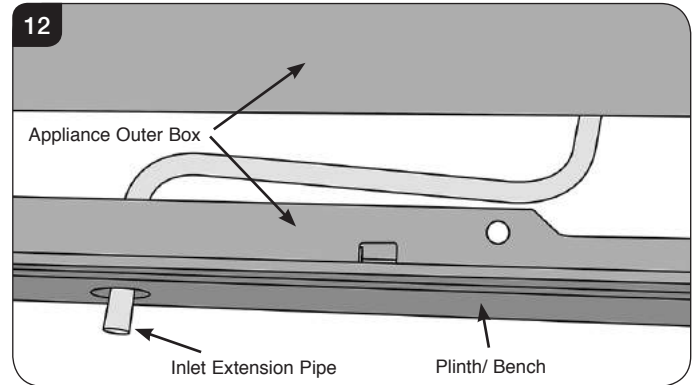


- 2.19 Slit the silicone panel with a sharp knife.
- 2.20 The Inlet Extension Pipe needs to be fitted in the correct orientation, see Diagram 11.

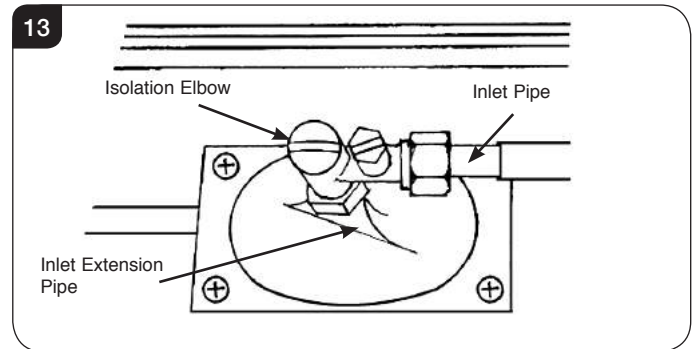


- 2.21 Remove the isolation elbow from the appliance and connect to the longer section of the Inlet Extension Pipe.
- 2.22 Feed the shorter section of the Inlet Extension Pipe through the silicone panel inside the firebox.

- 2.23 Using the gap at the rear of the outer box for access, guide the Inlet Extension Pipe through the hole in the back of the Bench or Plinth, see Diagram 12.



- 2.24 Inside the firebox, connect the isolation elbow to the appliance gas inlet pipe, under the access panel.



- 2.25 At the rear of the appliance, fit the supplied 8mm elbow to the Inlet Extension Pipe.

**WARNING: THIS APPLIANCE IS HEAVY.**

**USE CAUTION WHEN INSTALLING, REMOVING AND STORING AS THE APPLIANCE IS HEAVY AND SHOULD BE HANDLED CAREFULLY.**

**AT LEAST TWO PEOPLE WILL BE REQUIRED TO INSTALL THIS APPLIANCE.**

- 2.26 Carefully lift the appliance into position.  
**Take care not to damage the floor finish.**
- Ensure all clearances to combustibles are observed, see Site Requirements, Section 5.
- 2.27 Connect the flue system.
- 2.28 Connect the gas supply to the gas Inlet pipe at the back of the appliance.

### 3. Gas Soundness Pressure Check

- 3.1 **PURGE THE SUPPLY PIPE.** This is essential to expel any debris that may block the gas controls.
- 3.2 Connect a suitable pressure gauge to the test point located on the inlet fitting.
- 3.3 Turn on the gas.  
**The burner must be temporarily fitted whilst completing this procedure.**
- 3.4 Light the appliance and check for leaks.
- 3.5 Turn the appliance to maximum and check that the supply pressure is as stated on the data badge.
- 3.6 Turn off the gas and replace the test point screw.
- 3.7 Turn the gas back on and check the test point for leaks.
- 3.8 Replace the splitter plate and burner.

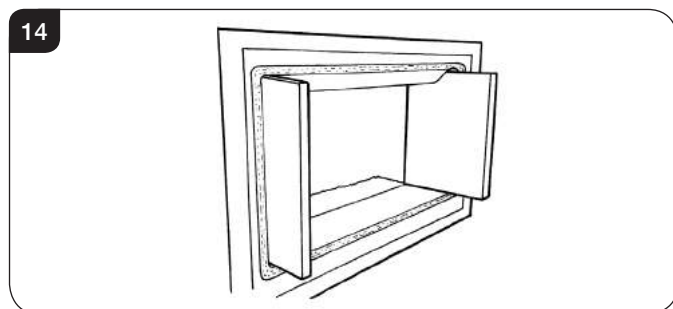
### 4. Assembling the Appliance

#### 4.1 ENAMEL LINERS

The back panel is already in place. Place the bottom panel(s) at the base of the appliance.

#### For Studio 2 Only:

- 4.2 Locate the bottom edge of the liner behind the bracket on the support bar.



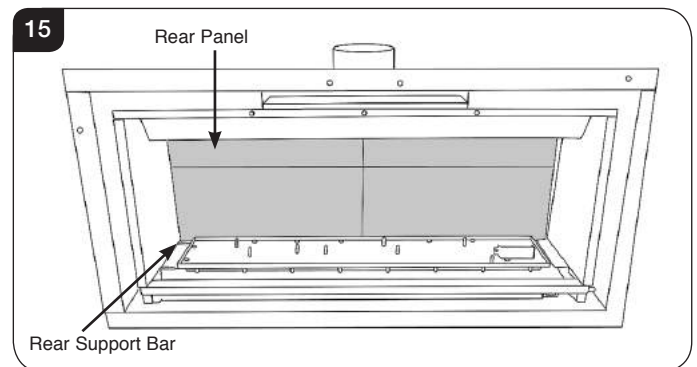
- 4.3 The Studio appliances have the option of two different liner finishes:  
Vermiculite  
Black Reeded Panels

**NOTE: STUDIO 1 & 2 FRONT PANELS ARE IN TWO PIECES:**

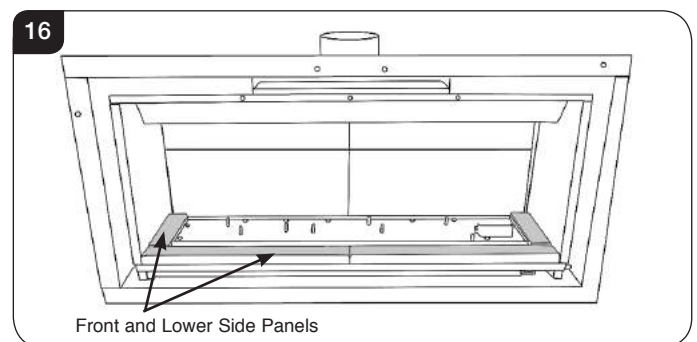
**HOLD THE REAR PANELS UNTIL ALL THE OTHER PANELS ARE IN PLACE AS THEY CAN FALL FORWARD**

- 4.4 Place the rear panel behind the locating bracket on the rear support bar.

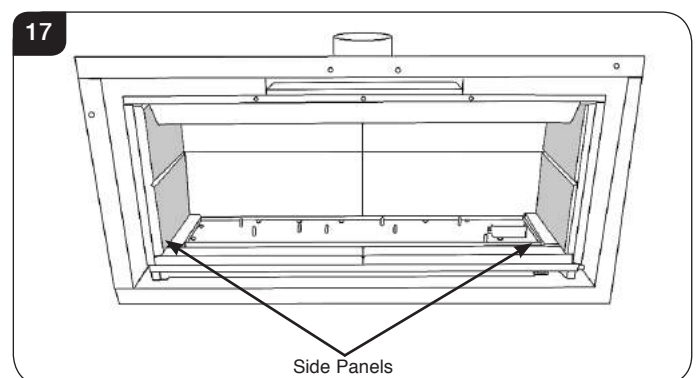
- 4.5 Centralise the rear panel with the chamfers touching and pushed together, see Diagram 15.



- 4.6 Place the lower side and front panels in position so the chamfers meet at the front edge of the burner.
- 4.7 Ensure the two-piece front panels are engaged against the centre support tags on the burner and are pushed together in the middle, see Diagram 16.



- 4.8 Slide the two side panels up to the rear panel, see Diagram 17.



**NOTE: THE HORIZONTAL CHAMFERS MUST ALIGN ON THE REAR AND SIDE PIECES.**

# Installation Instructions

## 5. Arrangement of the fuel bed

### Advice on handling and disposal of fire ceramics



The fuel effect of the log version of this appliance is 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 we recommend you follow normal hygiene rules of not smoking, eating or drinking in the work area and always wash your hands before eating or drinking.

To ensure that the release of RCF fibres are kept to a minimum, during installation and servicing a HEPA filtered vacuum is recommended to remove any dust accumulated in and around the appliance before and after working on it. 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.

Excessive exposure to these materials may cause temporary irritation to eyes, skin and respiratory tract; wash hands thoroughly after handling the material.

5.1 **White Stone and Glass Fuel Effects:** To replace the white stone effect chippings or glass granules, make sure they are flattened so they are level with the rim of the tray.

5.2 **Vermiculite for Log Layout:** Use the entire bag of supplied Vermiculite.

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

**STACK STONES/GLASS EFFECT IN FRONT OF THE PILOT SHIELD TO OBSCURE THE BLACK METAL SHIELD.**

**ONLY GENUINE GAZCO PARTS CAN BE USED IN THIS APPLIANCE.**

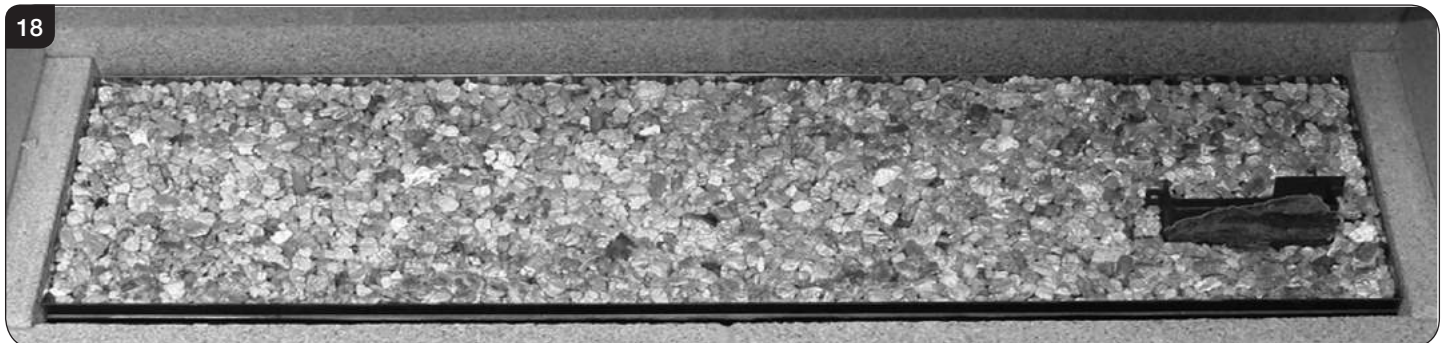
## 6. Log Layout

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

### Layout for Studio 1

6.1 Use all the vermiculite to fill the burner tray and spread evenly across the whole burner.

6.2 Rest the ceramic bark against the front face of the pilot shield, see Diagram 18.



# Installation Instructions

All logs can be identified by a letter (A - H) on their underside. The first three logs, A, B and C, also have holes to locate each onto a burner stud.

6.3 Working from left to right place logs A, B and C onto their studs, see Diagram 19.

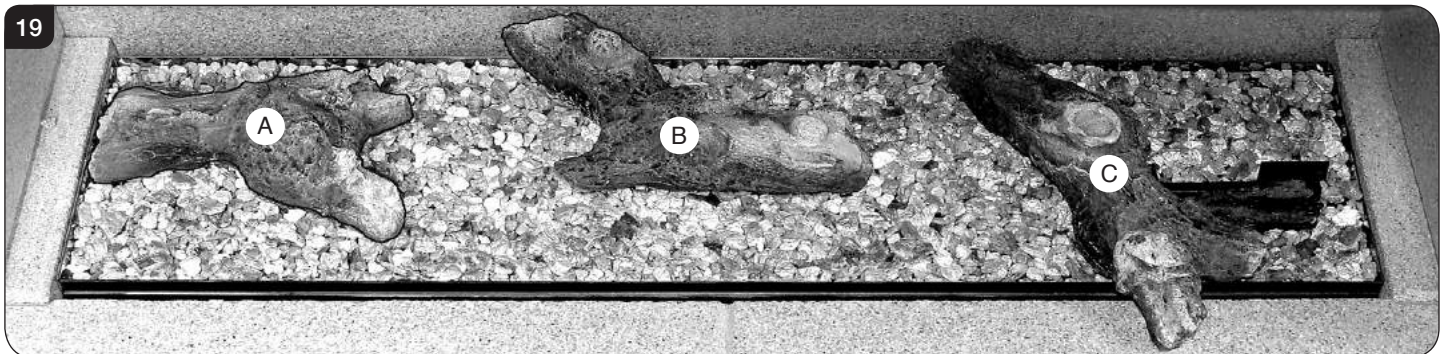
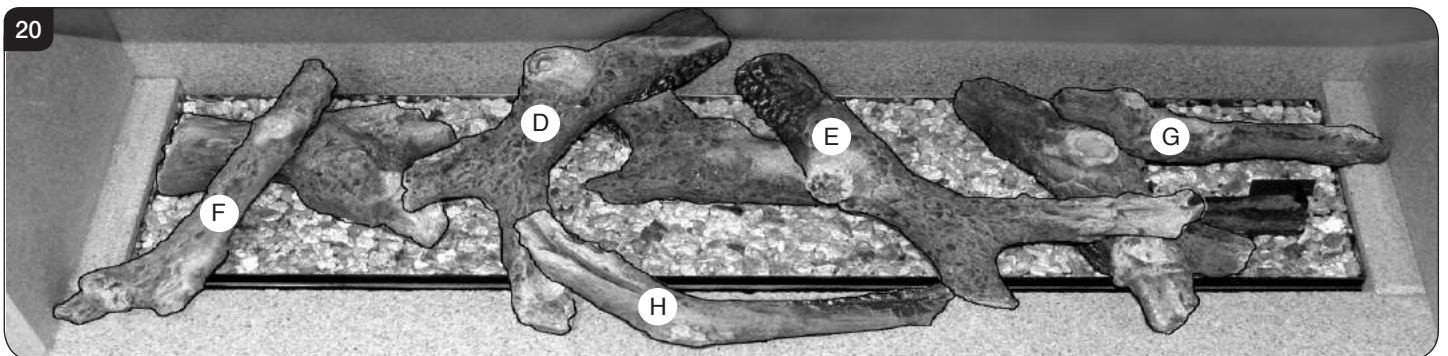


Diagram 20 shows the layout of logs D to H.

6.4 Log D has a recess on the underside to fit onto the stud of Log B at the back left. The small branch of the log rests on Log A.

6.5 A recess in the back of Log E fits the stud on Log B and its long branch rests snugly behind a wood knot of Log C.

6.6 Log F fits centrally onto Log A with its front edge resting on the front panel.



6.7 Log G is centrally positioned around the moulded wood knot of Log C and rests against the right side panel crossing the pilot shield beneath.

6.8 The small branch underneath Log H rests on the front panel and overlaps Log D just touching Log E.

6.9 Separate the Embaglow material into smaller pieces and pull into shape to create a fine layer.

6.10 Place the pieces of Embaglow between the logs in the highlighted areas shown in Diagram 21. Ensure the material is placed loosely between the logs to create a random glow.



# Installation Instructions

## Layout for Studio 2

6.11 Preparation with vermiculite and the ceramic bark pilot shield is the same as for Studio 1, see 6.1 & 6.2.

All logs can be identified by the letters (A - J) on their underside. The first four logs, I, A, B and C also have holes to locate each onto a burner stud.

6.12 Place logs I, A, B and C onto their studs, see Diagram 22.

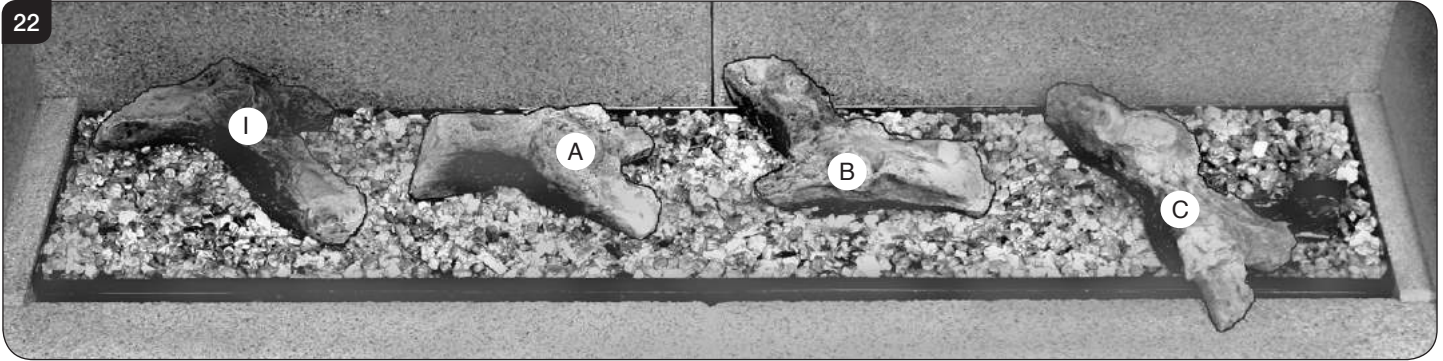


Diagram 23 shows the layout of logs D, E and J.

6.13 Log D has a recess on the underside to fit onto the stud of Log B at the back left. The small branch of the log rests on Log A.

6.14 A recess in the back of Log E fits the stud on Log B and its long branch rests snugly behind a wood knot of Log C.

6.15 The underside of log J has a moulded 'stop'. This rests about 12mm in from the left edge of Log A. The left branch of Log J also rests in the recess in Log I, see Diagram 23.

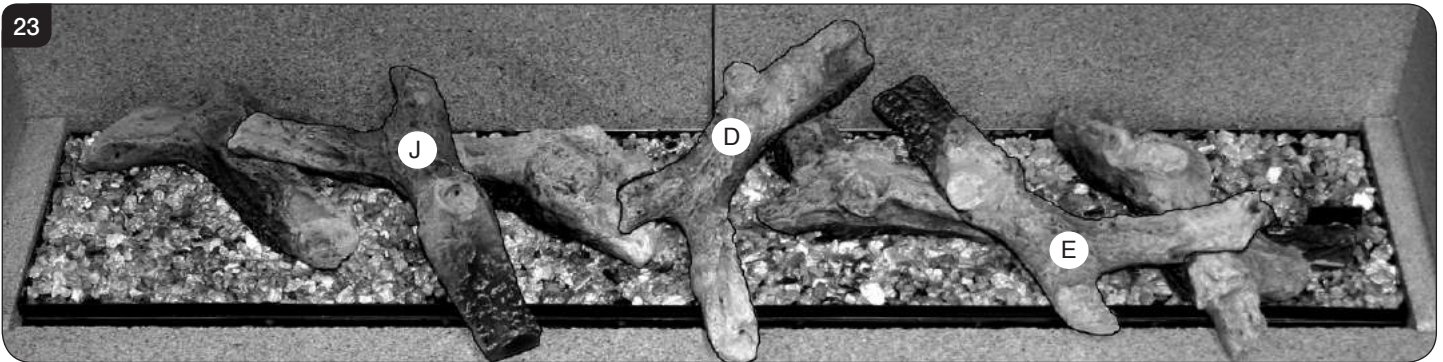


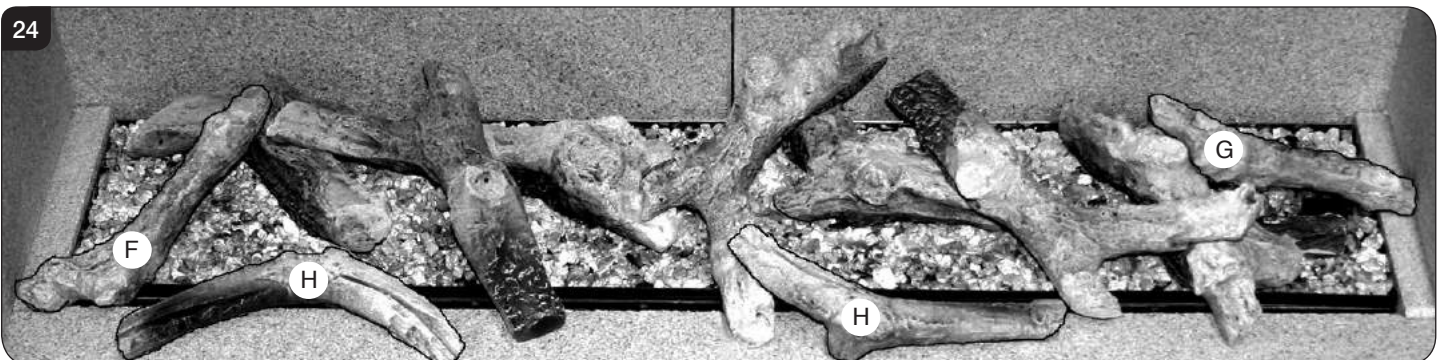
Diagram 24 shows the layout of the last four logs, F, G and two of log H:

6.16 Log F fits centrally onto Log I with its front edge resting on the front panel.

6.17 Log G is centrally positioned around the moulded wood knot of Log C and rests against the right side panel crossing the pilot shield beneath.

6.18 The first Log H rests on the front panel, overlapping Log D and touching Log E.

6.19 The second Log H rests anywhere on the front panel between F and J. **DO NOT LET THIS LOG OVERLAP THE BURNER.**





# Installation Instructions

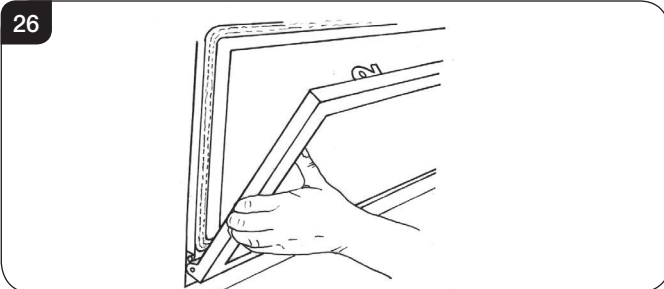
- 6.20 Separate the Embaglow material into smaller pieces and pull into shape to create a fine layer.

- 6.21 Place the pieces of Embaglow between the logs in the highlighted areas shown in Diagram 25. Ensure the material is placed loosely between the logs to create a random glow.

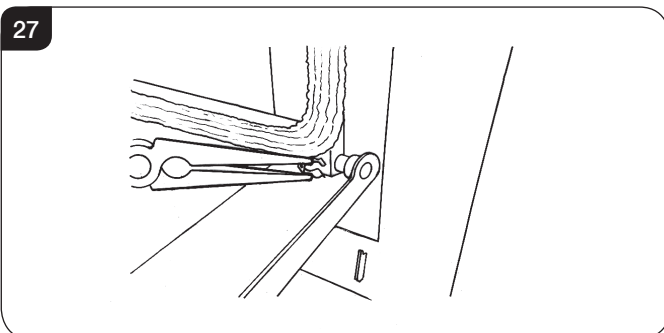


## 7. Completion of Assembly

- 7.1 To fit the window frame keep the frame in the upright position with the locks uppermost.
- 7.2 Offer the frame to the foot of the opening.
- 7.3 Slide the frame to the right to locate the right hinge pin.

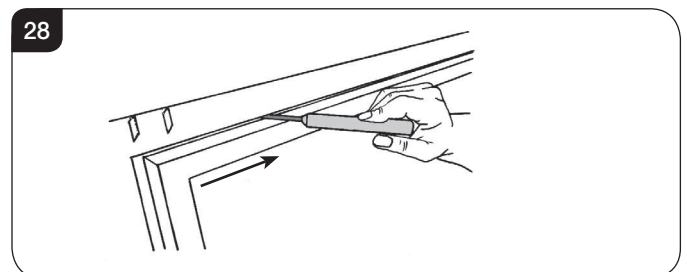


- 7.4 Manoeuvre the frame up towards the left side to locate the left hinge pin.
- 7.5 Slide onto the hinge with a right movement.
- 7.6 Secure in place with a spring clip at the right hinge pin, see Diagram 27.



- 7.7 Close the window.

- 7.8 Using the hexagon key provided close the window locks by moving from open to shut towards the window centre.



- 7.9 When closing the door ensure the door catches are fully engaged.

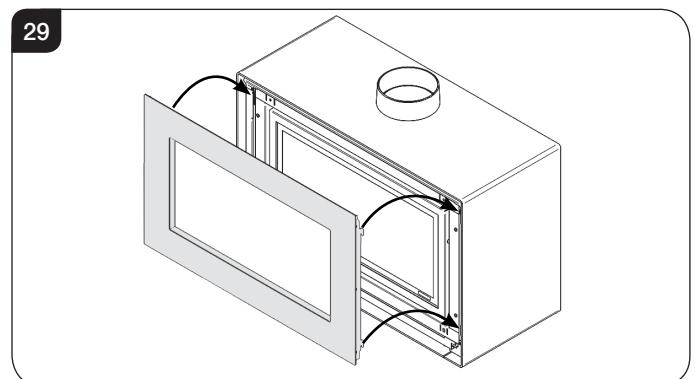
**! UNDER NO CIRCUMSTANCES SHOULD THE APPLIANCE BE USED WITHOUT THE CATCHES HOLDING THE DOOR IN PLACE.**

## 8. Decorative Frame

The fitting of the frame requires 2 people.

### To attach the frame:

- 8.1 Rest the bottom fixing hooks into the bottom locating slots. Locate the upper frame fixing hooks into the top locating slots and lower into the final position, see Diagram 29.



# Installation Instructions

## 9. Lighting the Appliance

The appliance is operated by thermostatic remote control.

30



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 fire:

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

### 9.1 Turning the appliance On

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

To turn the fire 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 FIRE 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.**

## 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.

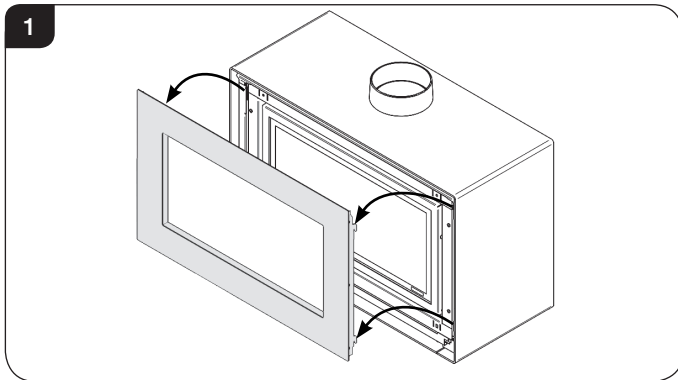
To turn off the gas supply, simply turn the handle so the lever is at 90 degrees to the upright gas pipe.

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

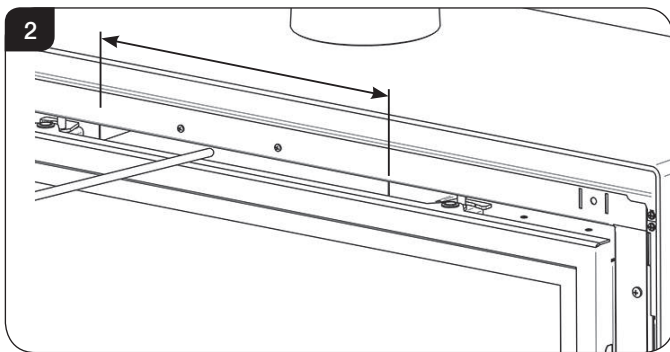
# Commissioning

## 1. Commissioning

- 1.1 Check the flame picture, log/pebble layout.
- 1.2 Check the gas pressure.
- 1.3 Close all door and windows in the room.
- 1.4 Remove the decorative front by lifting to disengage the fixing hooks from the locating slots, see Diagram 1.



- 1.5 Place carefully to one side.
- 1.6 Ignite the appliance and operate on maximum for 5 minutes.
- 1.7 Position a lighted smoke match just inside the draught diverter opening and check all smoke is drawn in along the opening, see Diagram 2.



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

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

If there is any doubt:

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

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

- Flue checks
- Gas checks
- Log/fuel effect layout - flame picture

For working pressure test, use the access panel at the gas connection ensuring the burner is in position. Refer to Replacement Parts, Section 18.

- 1.10 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.
- 1.11 Guide the user through the User Instructions paying particular attention to:
  - a) Regular servicing (Section 9 of the User Instructions).
  - b) Ventilation (Section 10 of the User Instructions) - point out the ventilation positions where applicable.
  - c) Hot surfaces (Section 12 of the User Instructions).
  - d) How the appliance works with the remote control handset and the modes of operation (Section 2 of the User Instructions).
  - e) How to change settings in the auto mode and program modes of operation.
  - f) What to do if the appliance fails to operate (Section 13 of the User Instructions).

For future reference, record the installation details on the Commissioning Sheet on page 3.

- 1.12 **In the unlikely event that the appliance is receiving interference from other electronic devices, re-programme the handset/Control box.**

### Reprogramming handset/Control box

To access the control box see Servicing Instructions, Section 8 - 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 Instructions

## Servicing/Fault Finding Charts

### 1. Servicing Requirements

**IMPORTANT** – The glass panel 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.

#### 1.1 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.

#### 1.2 Special checks:

- Clean the burner 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.

1.3 Correct any faults found during the initial test.

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

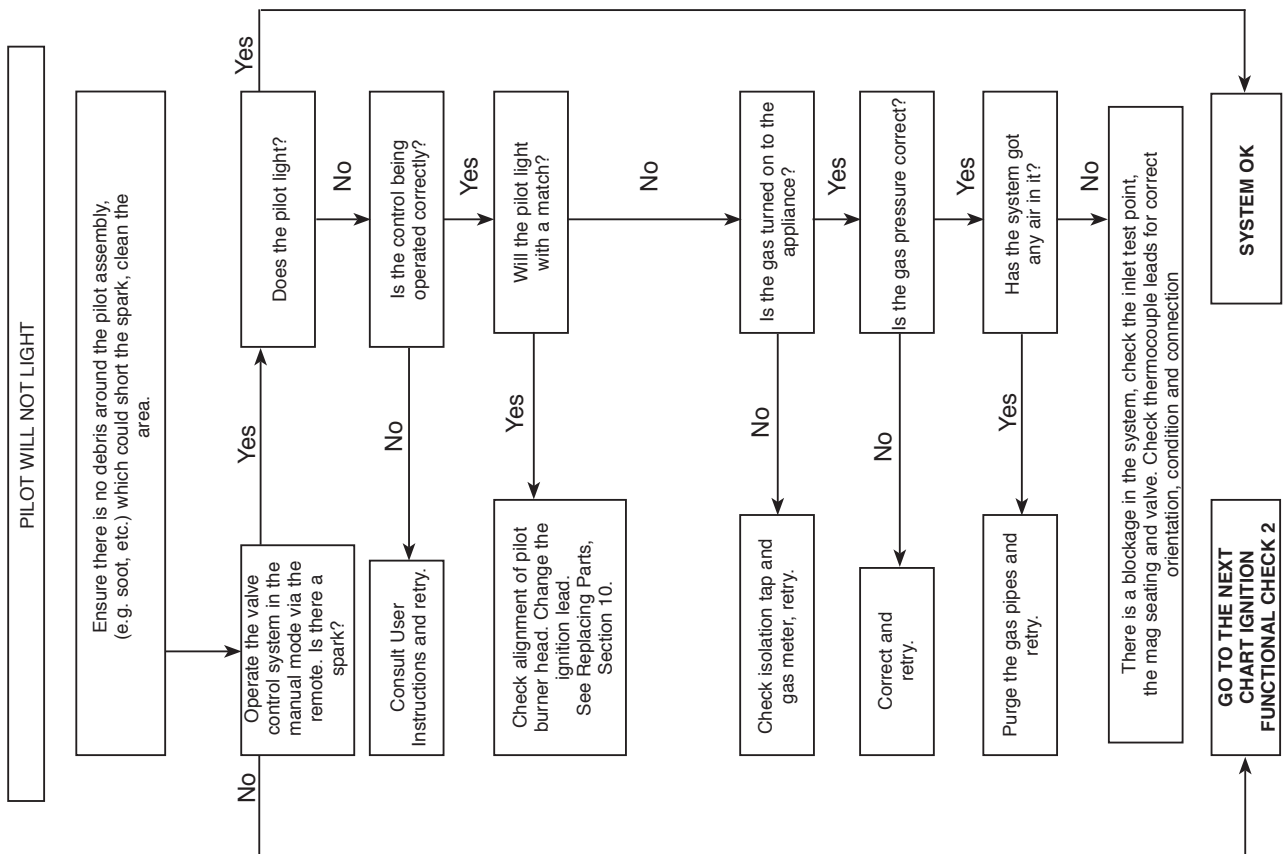
1.5 Advise the customer of any remedial work undertaken.

**REPLACE BATTERIES BEFORE ATTEMPTING TO RECTIFY ANY FAULTS.**

#### ELECTRONIC CONTROL VALVE FAULT ANALYSIS

Symptom	Cause	Remedy
3 Short beeps from control	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

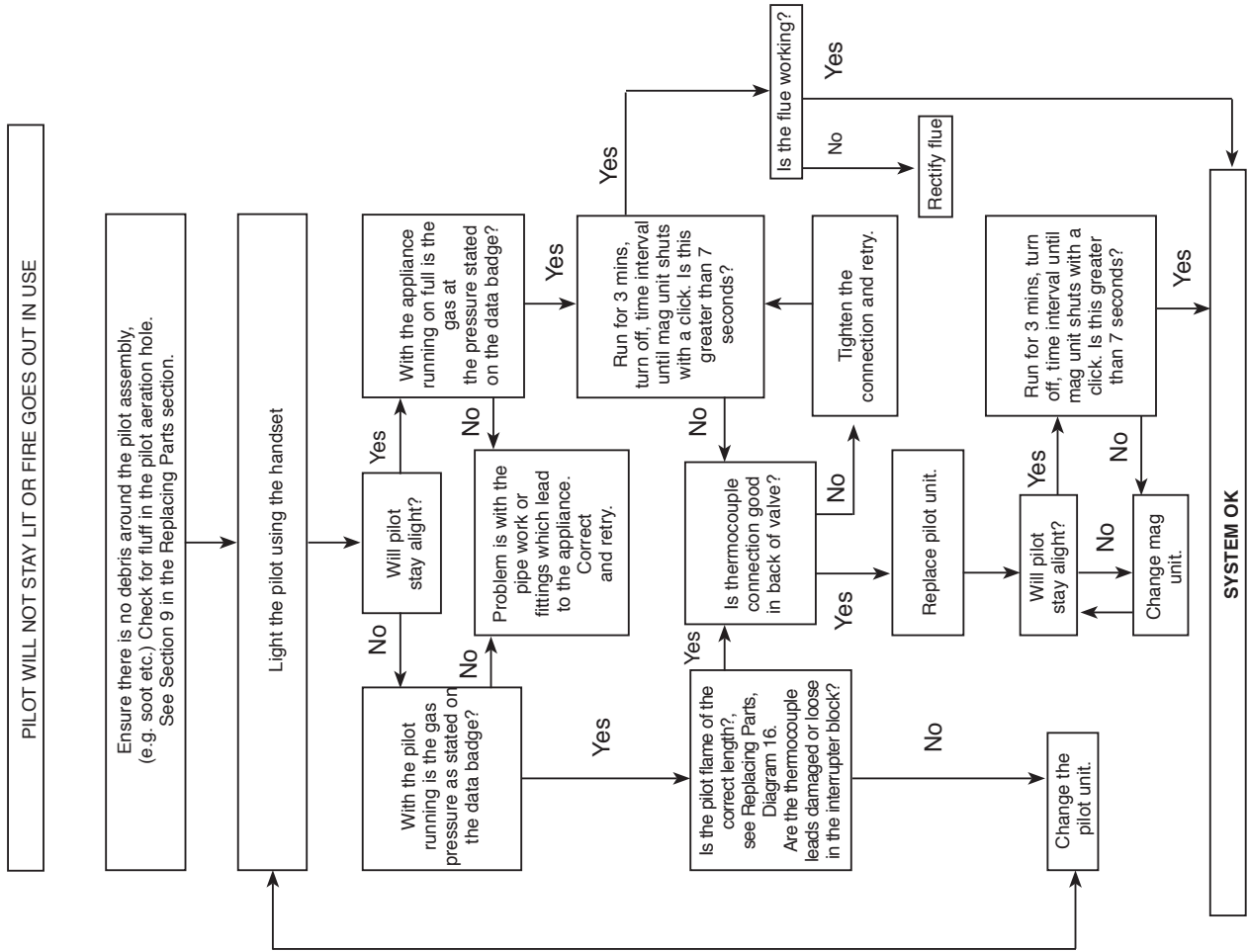
### IGNITION FUNCTIONAL CHECK 1



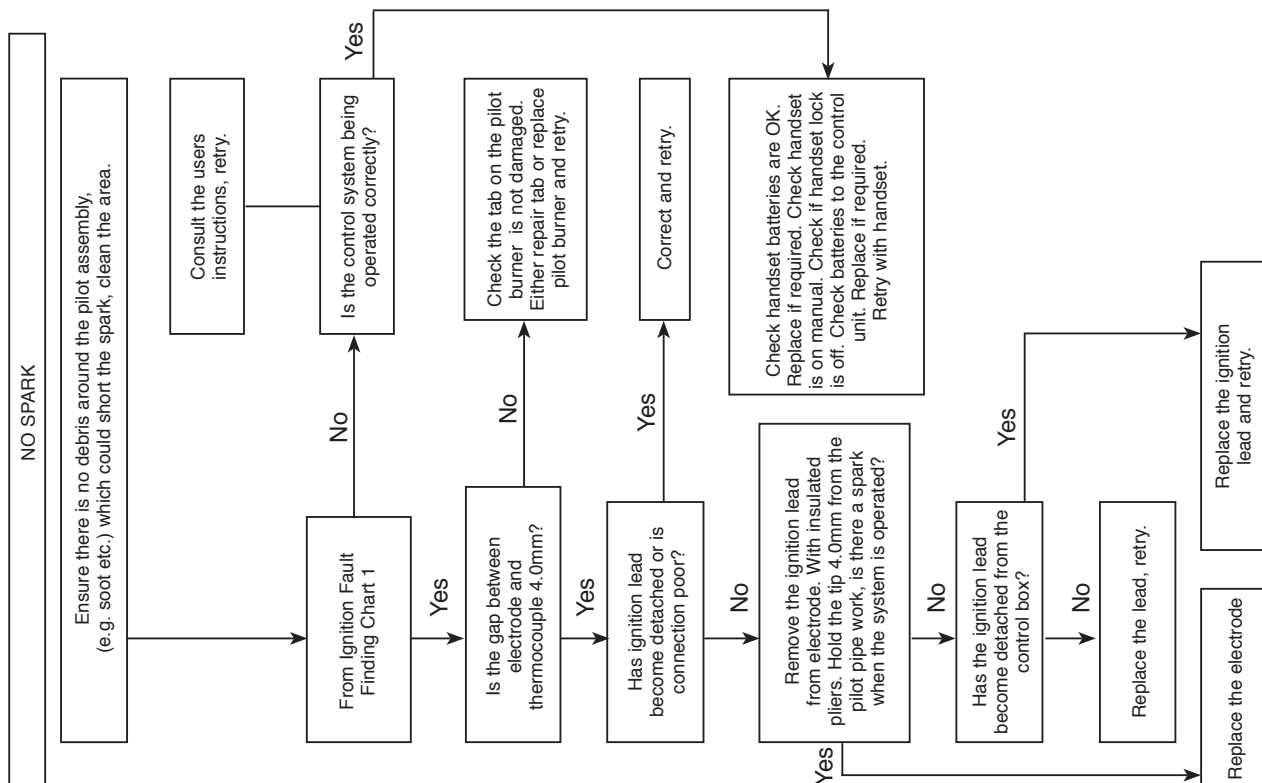
# Servicing Instructions

## Fault Finding Charts

### FLAME FAILURE FUNCTIONAL CHECK 3



### IGNITION FUNCTIONAL CHECK 2



# Servicing Instructions - Replacing Parts

## 1. General

- 1.1 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.**

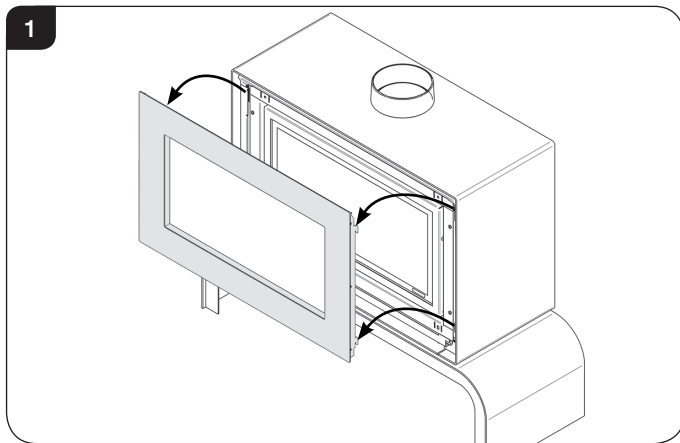
- 1.2 **DISCONNECT BATTERIES BEFORE SERVICING THE APPLIANCE.**

### Removal of Flue

- 1.3 **If, for any reason, the flue has to be removed from the appliance, the seal must be replaced in the inner spigot.**
- 1.4 Access to the controls is restricted and the whole control assembly must be removed as one unit (see Section 8 below).

## 2. Decorative Frame

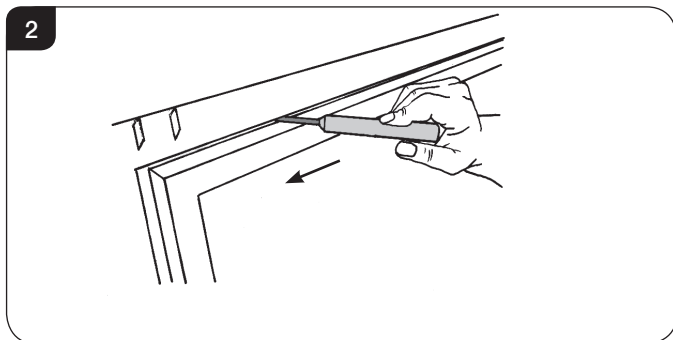
- 2.1 Remove the decorative front by lifting to disengage the fixing hooks from the locating slots, see Diagram 1.



**NOTE: THE STEEL FRAME IS HEAVY. TAKE CARE WHEN LIFTING.**

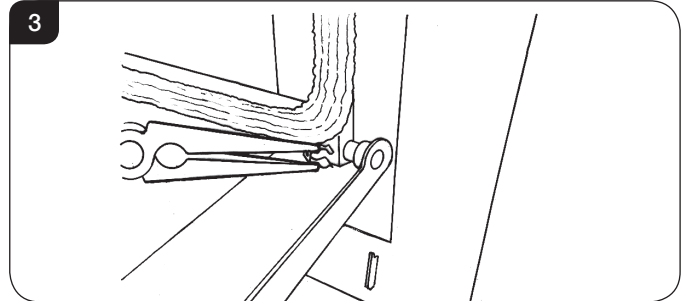
## 3. Window Frame Assembly

- 3.1 To open the glass door use the hexagon key provided.
- 3.2 Release the window locks by moving them from shut to open towards the outer edges, see Diagram 2.

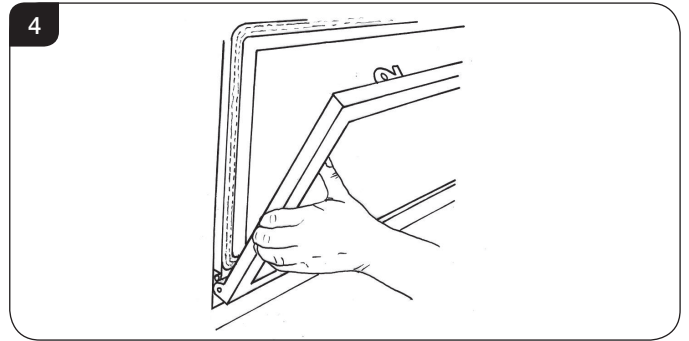


To completely remove the glass front:

- 3.3 Remove the securing spring clip from the bottom-right of the window frame, see Diagram 3.



- 3.4 With the window frame in an upright position slide the frame to the left so that it comes off the left hinge pin.
- 3.5 Still keeping the frame upright drop the left side down and forward slightly, see Diagram 4.



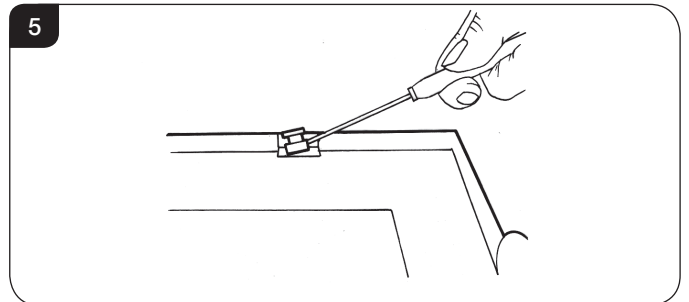
- 3.6 Slide the frame to the right so it comes off the right hinge pin. The window frame should now be free.
- 3.7 Refit in reverse order.
- 3.8 **When closing the door ensure the door catches are fully engaged.**



**UNDER NO CIRCUMSTANCES SHOULD THE APPLIANCE BE USED WITHOUT THE CATCHES HOLDING THE DOOR IN PLACE.**

## 4. Glass Window

- 4.1 Remove the two clips and brackets from either side of the frame (see Diagram 5).

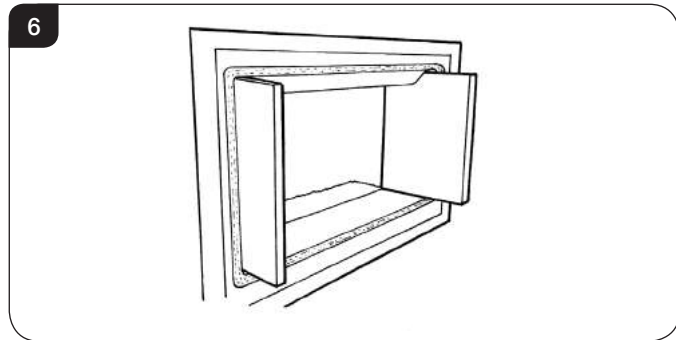


- 4.2 Lift the glass clear from the lock bracket at the top of the frame and slide out.

# Servicing Instructions - Replacing Parts

## 5. Black Enamelled Panels

- 5.1 Hold the rear panel while sliding the side panels forward until clear of the appliance, see Diagram 6.



- 5.2 Lift the bottom panel out of the appliance.  
5.3 Lift the panel from the appliance.  
5.4 Lean the top of the rear panel forward and lift off the support rail.

To reassemble the panels in reverse order:

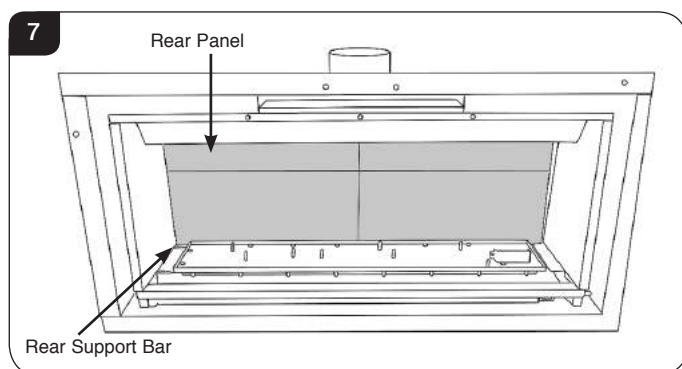
- 5.5 At an angle, slide the bottom of the back panel into place before the top edge is pushed back.  
5.6 Replace the lower panel.  
5.7 Replace the side panels.

## 6. Vermiculite/ Black Reeded Panels for Studio with Logs

**NOTE: STUDIO 1 & 2 FRONT PANELS ARE IN TWO PIECES:**

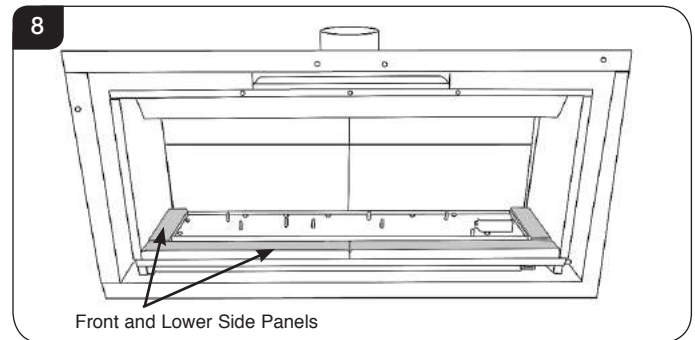
**HOLD THE REAR PANELS UNTIL ALL THE OTHER PANELS ARE IN PLACE AS THEY CAN FALL FORWARD**

- 6.1 Place the rear panel behind the locating bracket on the rear support bar.  
6.2 Centralise the rear panel with the chamfers touching and pushed together, see Diagram 7.

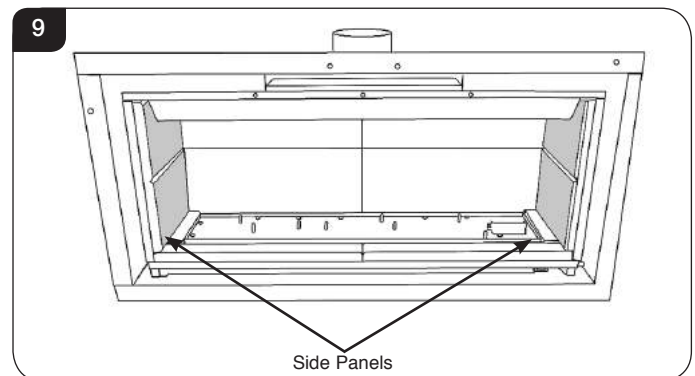


- 6.3 Place the lower side and front panels in position so the chamfers meet at the front edge of the burner.

- 6.4 Ensure the two-piece front panels are engaged against the centre support tags on the burner and are pushed together in the middle, see Diagram 8.



- 6.5 Slide the two side panels up to the rear panel, see Diagram 9.



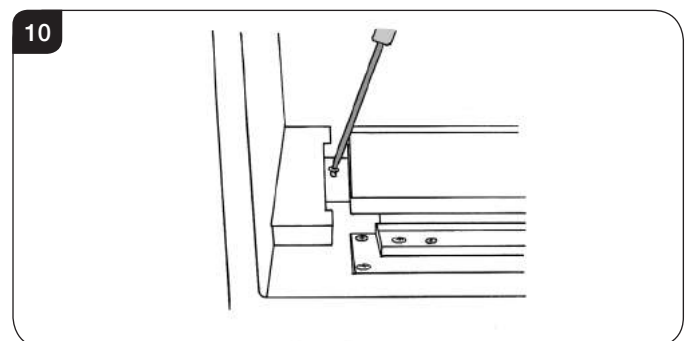
**NOTE: THE HORIZONTAL CHAMFERS MUST ALIGN ON THE REAR AND SIDE PIECES.**

- 6.6 Replace the side panels.

## 7. Main Burner

To replace the main burner:

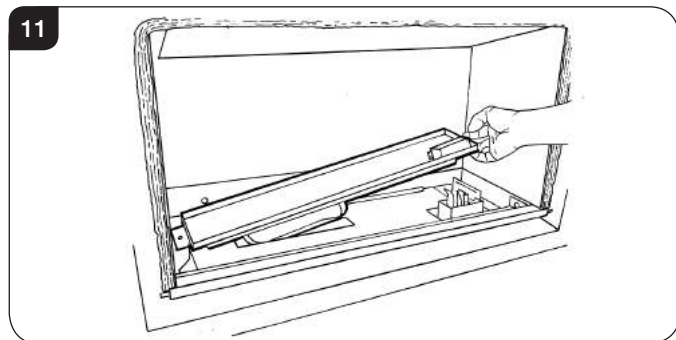
- 7.1 Remove the fuel effect from the burner (Stone/Glass Effect/ Vermiculite optional).  
7.2 Remove the burner securing screw from the left side of the burner, see Diagram 10.



- 7.3 Slide the burner fully to the left.

# Servicing Instructions - Replacing Parts

7.4 Lift the right side clear of the pilot, see Diagram 11.



7.5 Slide the burner to the right and out of its location.

7.6 Refit in reverse order.

7.7 When refilling the fuel effect fill to the level of the rim of the burner tray and flatten level.

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

**STACK STONES/GLASS EFFECT IN FRONT OF THE PILOT SHIELD TO OBSCURE THE BLACK METAL SHIELD.**

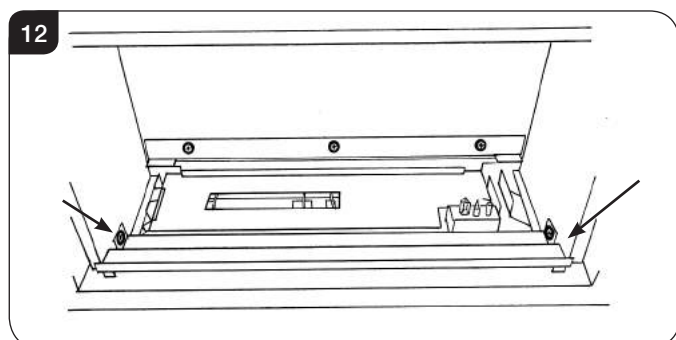
## 8. Main Control Assembly

8.1 To access the main control assembly first remove:

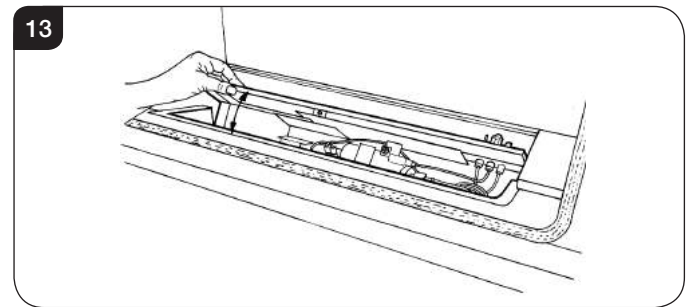
- The decorative Steel frame (if fitted)
- Window frame
- Enamelled panels
- Main burner
- Splitter plate

8.2 To remove the splitter plate:

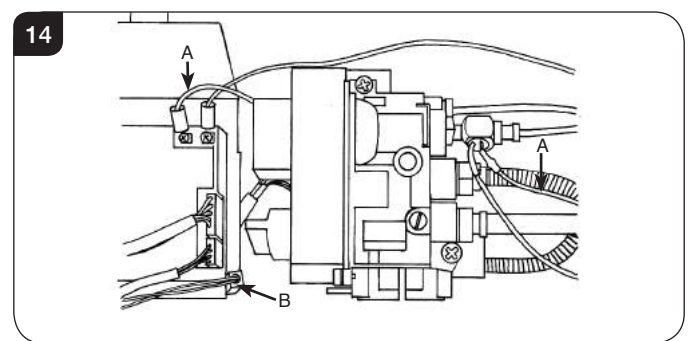
- Loosen the fixing screws (one each side).
- Lift the front of the plate off the screws.
- Pull forward and upwards, see Diagram 12.



8.3 The control panel can now be tilted back to reveal the controls, see Diagram 13.



8.4 Disconnect the two cables marked 'A' in Diagram 14.

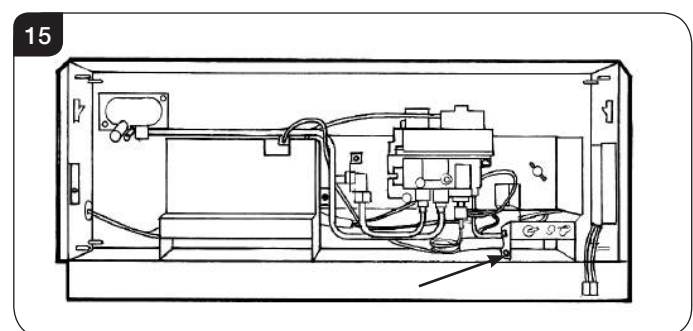


8.5 Disconnect the battery extension lead, Diagram 14, B  
The control assembly can now be lifted up and removed.

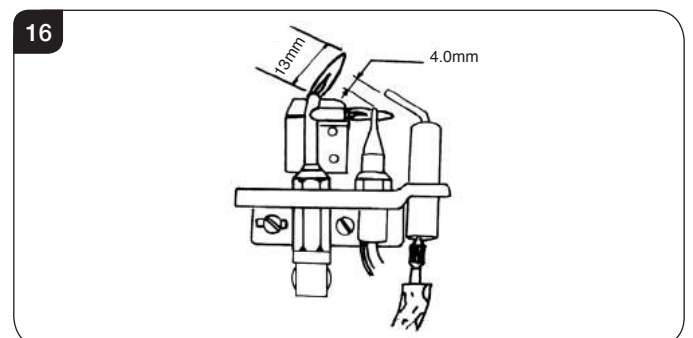
8.6 Reassemble in reverse order.

## 9. Pilot Unit Assembly

9.1 Remove the screw retaining the pilot cover.



9.2 Cut the cable tie retaining the vida flex sleeve and disconnect the ignition lead from the electrode.



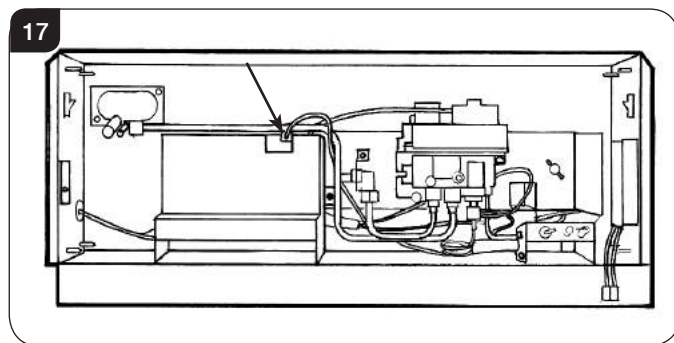


# Servicing Instructions - Replacing Parts

- 9.3 Undo the pilot pipe and thermocouple from the rear of valve.
- 9.4 Remove the two fixing screws and retain the vida flex sleeve which is needed for the replacement.
- 9.5 Replace in reverse order.
- 9.6 Ensure the thermocouple and ignition lead are threaded through the vida flex and secured with a cable tie. There is a cut out in the pilot shroud to hold the vida flex.
- 9.7 Check for gas leaks.

## 10. Ignition Lead

- 10.1 Cut the cable tie securing the vida flex (if present) and disconnect the ignition lead from the electrode.
- 10.2 Pull the lead through the vida flex.
- 10.3 Cut the remaining cable ties and disconnect the lead from the control box, see Diagram 17.



- 10.4 Replace in reverse order.
- 10.5 Ensure the lead is passed through the vida flex, secured with a cable tie and the red insulated end is attached to the electrode.

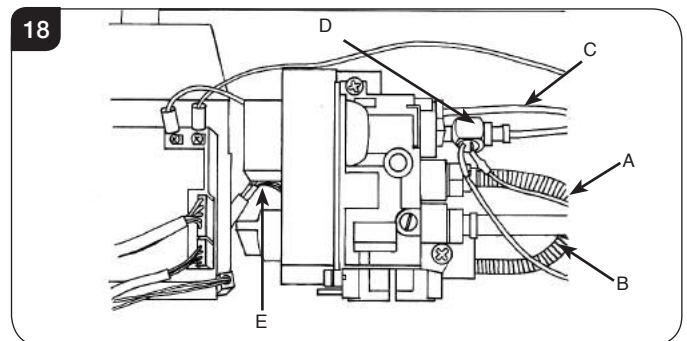


**NOTE: DO NOT ROUTE THE IGNITION LEAD IN THE VICINITY OF THE ANTENNA ON THE CONTROL BOX. THIS DAMAGES THE COMPONENTS.**

## 11. Gas Valve

To change the gas valve:

- 11.1 Disconnect the gas inlet pipe, Diagram 18, Arrow A.
- 11.2 Disconnect the gas outlet pipe, Diagram 18, Arrow B.
- 11.3 Disconnect the pilot pipe, Diagram 18, Arrow C.
- 11.4 Disconnect the thermocouple, thermo current wires and the interrupter block, Diagram 18, Arrow D
- 11.5 Remove the two screws and rotate the valve to access the front.
- 11.6 The cable can now be removed from the valve, Diagram 18 Arrow E.



Replace in reverse order ensuring and check for leaks.

## 12. Magnetic Safety Valve

To replace the magnetic safety valve:

- 12.1 Undo the thermocouple from the interrupter block and remove the two interrupter leads.
- 12.2 Unscrew the interrupter block from the back of the valve.
- 12.3 Undo the silver magnetic valve retaining nut on the back of the valve.
- 12.4 Gently tap out the mag valve.
- 12.5 Replace with a new unit.
- 12.6 Reassemble in reverse order ensuring that the interrupter leads are connected correctly with the red tag lead nearest to the gas valve body.
- 12.7 Check for leaks.

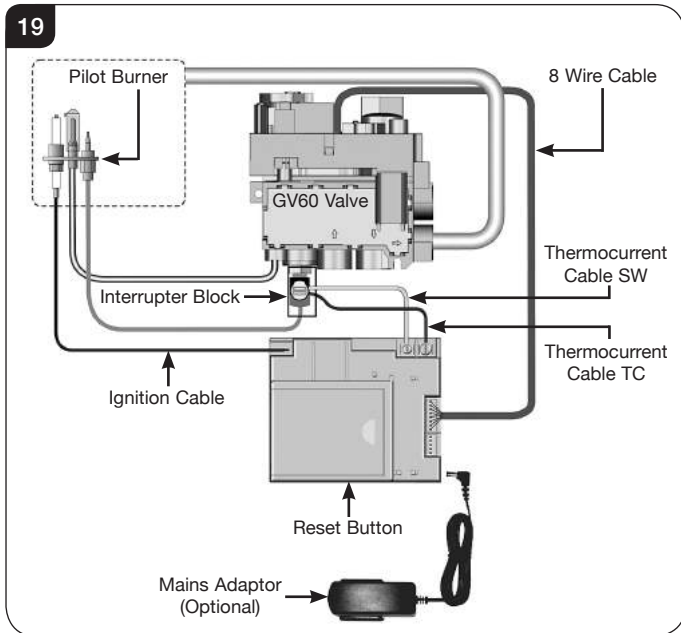
# Servicing Instructions - Replacing Parts

## 13. Control Box

- 13.1 To replace the control box first remove the main control assembly, See Section 8.
- 13.2 Remove the two thermocurrent cables by removing the two screws, Diagram 19.
- 13.3 Remove the ignition lead, Diagram 19.
- 13.4 Remove the eight wire loom from the control box.
- 13.5 Remove the battery extension cable, Diagram 19.

The control box can now be replaced.

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



- 13.6 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.

## 14. Main Injector

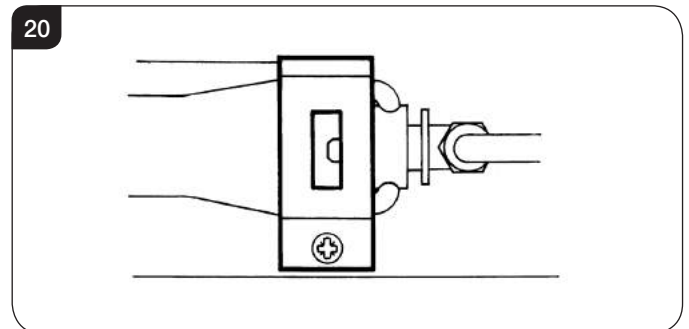
To change the main injector:

- 14.1 Undo the injector feed pipe.
- 14.2 Undo the lock nut from the injector and remove the silencer.
- 14.3 Replace with the correct size injector.
- 14.4 Check for leaks.

## 15. Primary Aeration Plate

**NOT ALL MODELS HAVE AERATION PLATES. REFER TO TECHNICAL SPECIFICATIONS, PAGES 12 & 13.**

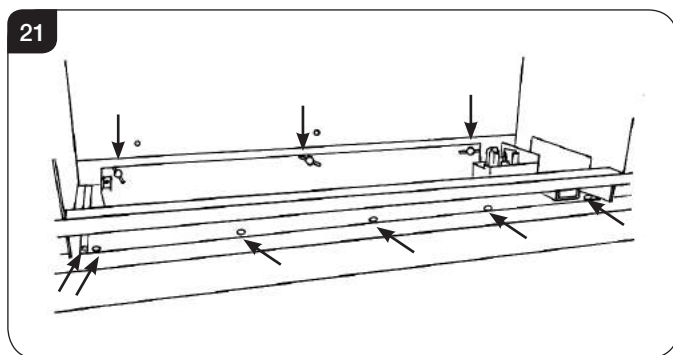
- 15.1 Remove the burner module as described in Replacing Parts Section 7.
- 15.2 Remove the fixing screw and slide the plate off the venturi.
- 15.3 Replace with the correct size plate and secure with the screw. Ensure the lower edge of the plate is located over the venturi flange, see Diagram 20.



# Servicing Instructions - Replacing Parts

## 16. Debris Area Access

- 16.1 Remove the Steel frame (if fitted).
- 16.2 Remove the glass door assembly.
- 16.3 Remove the enamelled panels.
- 16.4 Remove the burner and splitter plate.
- 16.5 Isolate the gas supply.
- 16.6 Disconnect the isolating device from the inlet pipe on the appliance.
- 16.7 Remove the seven screws from the front of the loose box, see Diagram 21.



- 16.8 Remove the three screws from the rear panel.
- 16.9 Lift the panel to disengage the locating brackets, see Diagram 21.
- 16.10 Remove the three wing nuts and screws retaining the loose box, see Diagram 21.  
To release the box from the main body:
- 16.11 Rotate the front of the box upwards and draw the box forward off the rear studs.
- 16.12 Ensure the gas pipe passes through the silicon seal in the base of the box.  
Any debris can now be removed through the aperture.
- 16.13 Replace in reverse order taking care not to damage the gas pipe when replacing the box.

## 17. Changing Between Gas Types

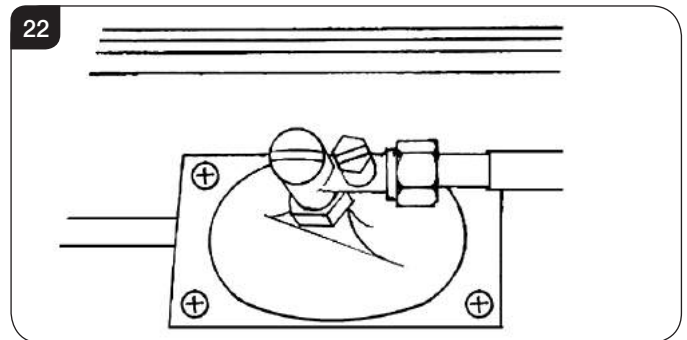
In order to change between gas types, it will be necessary to change both the burner assembly and the complete control assembly.

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.

## 18. Pressure and leak testing the appliance

- 18.1 Follow Section 8, Main Control Assembly.
- 18.2 Access to the pressure test point can now be reached, see Diagram 22.

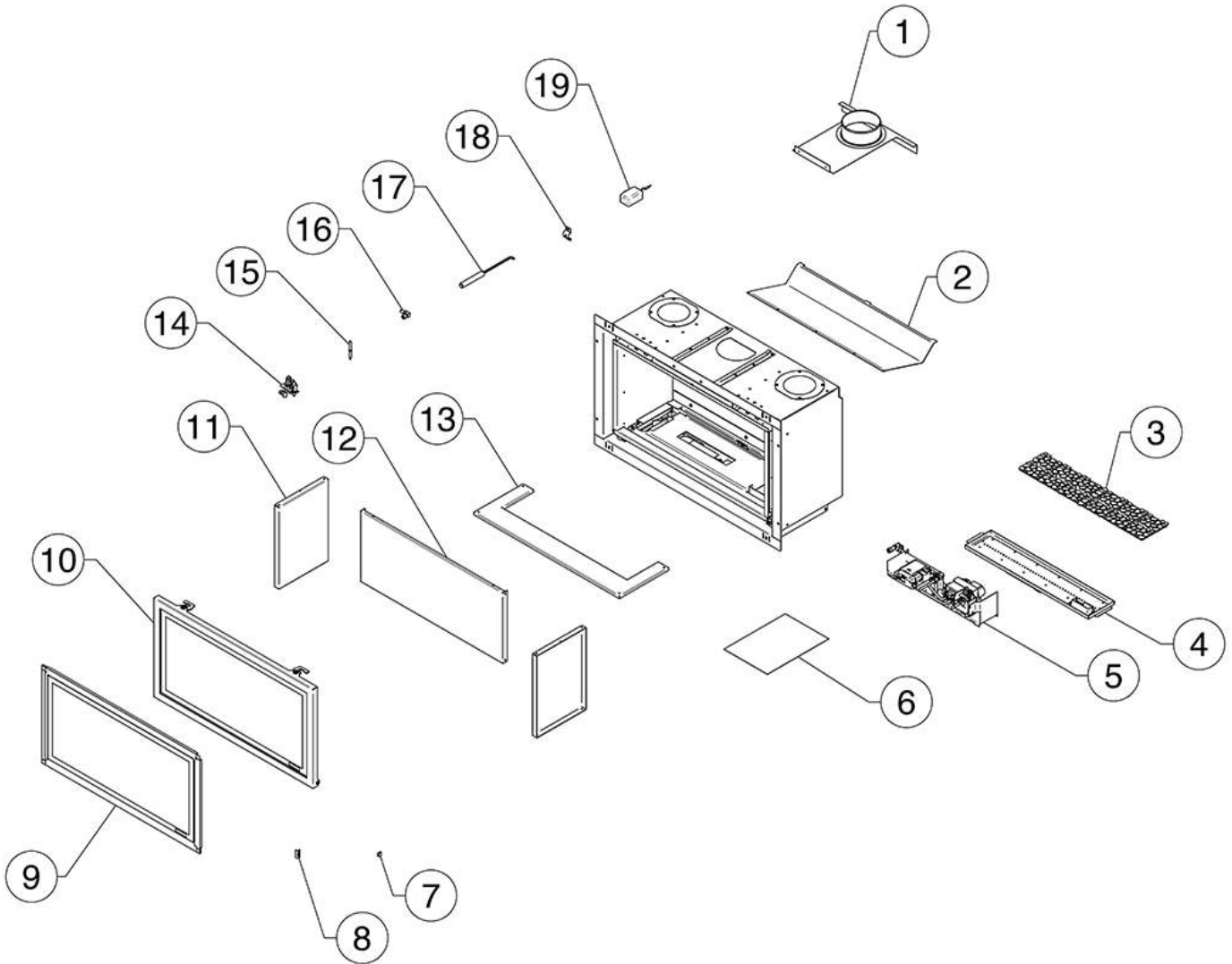


- 18.3 Refer to Installation Instructions, Section 4.3 to check gas pressure.
- 18.4 Light the appliance and spray any joints with leak detector fluid.
- 18.5 Tighten joints or replace as required.
- 18.6 To check the inlet working pressure, replace the control assembly and connect a manometer to the pressure test point, see Diagram 22. Replace the burner and relight the appliance. Operate the appliance at highest flame setting and check that the inlet pressure is in accordance with specifications detailed on page 12 & 13.

# Servicing Instructions - Replacing Parts

## 19. Spare Parts List - Studio 1

### STONE CHIPPINGS VERSIONS



No.	Component	Part Code		Quantity
		Natural Gas	LPG	
1	Spigot Mounting Plate	GZ9643		1
2	Top Baffle	GC6227		1
3	White Stones	CE1085		1
4	Burner Assembly	GZ6714		1
5	Engine Assembly	GZ6375N	GZ6375P	Kit
6	Instructions & Fixing Kit	GZ12814		Kit
7	Steel Edge Clip	FA0523		1
8	Glass Clip Bracket	GZ6361		2
9	Glass & Ropeseal Assembly	GZ8005		1
10	Door Assembly	GZ6829		1

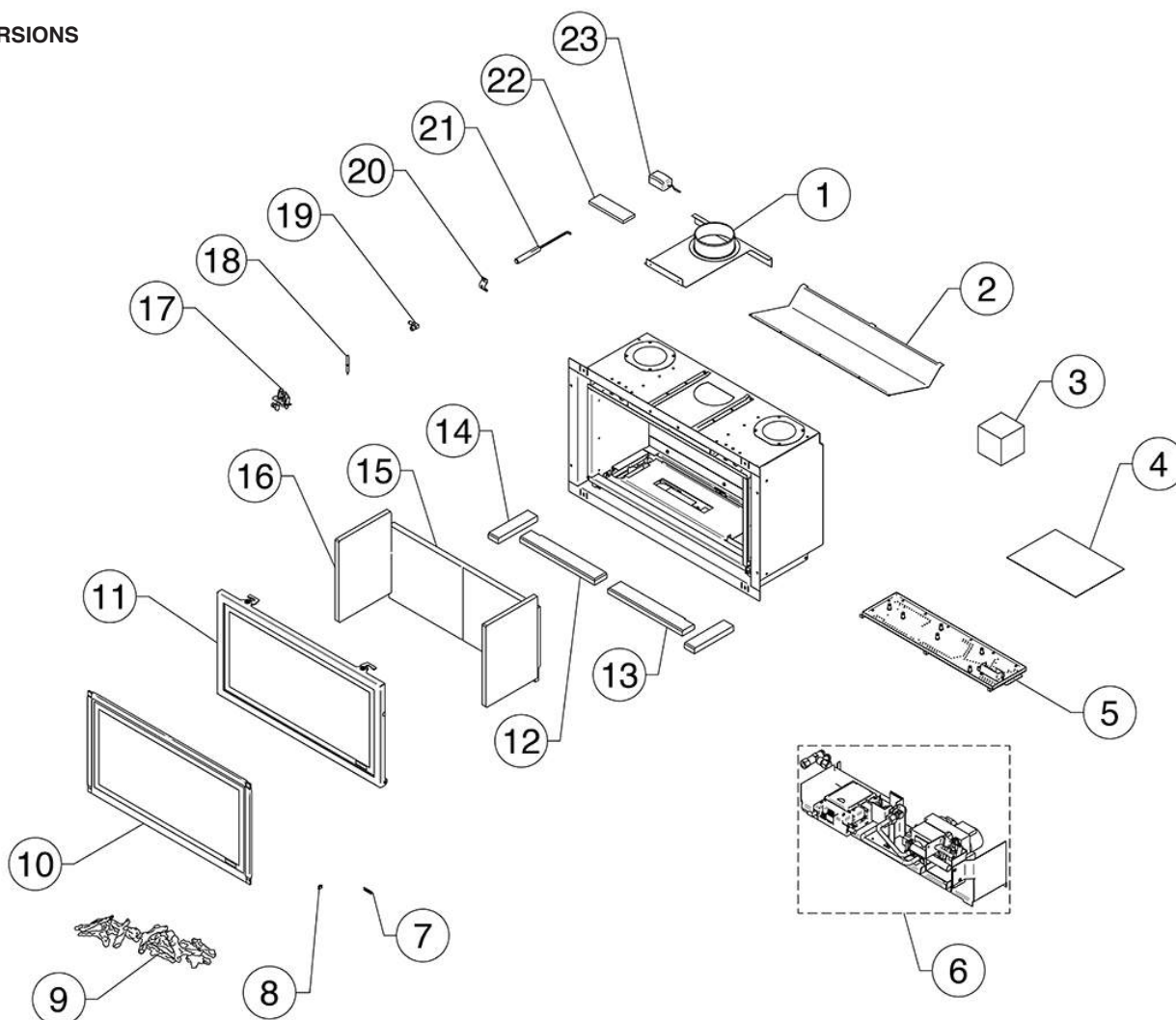
No.	Component	Part Code		Quantity
		Natural Gas	LPG	
11	Side Panel	GZ6489		2
12	Back Panel	GZ6488		1
13	Front Base Panel	GZ6490		1
14	Pilot	PI0036	PI0037	1
15	Electrode	PI0075		1
16	Elbow Injector	IN0028 - Size 390	IN0040 - Size 185	1
17	Door Tool	GZ6690		1
18	Aeration Plate	GZ3869 ID Letter K	N/A	1
19	Mains Adapter - Mertik	999-620		1

Due to continual technical improvements please check online at [www.gazcospares.com](http://www.gazcospares.com) or with your Gazco retailer for the most up to date parts lists.

# Servicing Instructions - Replacing Parts

## 19. Spare Parts List - Studio 1

### LOG VERSIONS



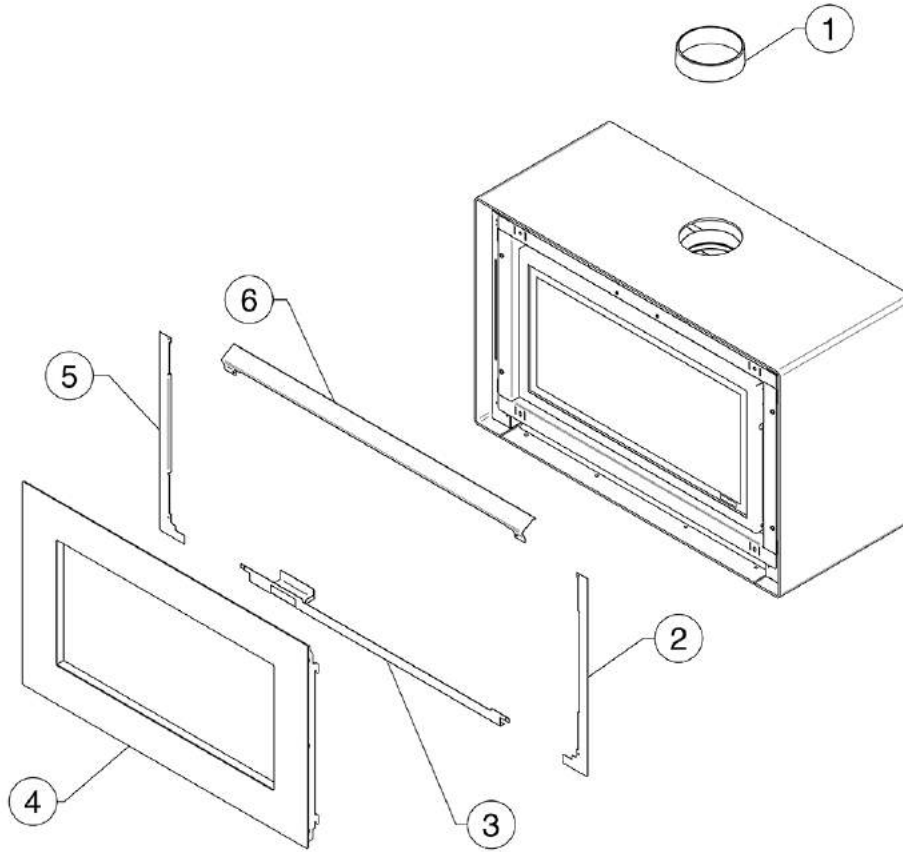
No.	Component	Part Code		Quantity
		Natural Gas	LPG	
1	Spigot Mounting Plate	GZ9643		1
2	Top Baffle	GC6227		1
3	Vermiculite	CE0745		1
4	Instructions & Fixing Kit	GZ12814		Kit
5	Burner Assembly	GZ7007	GZ7540	1
6	Engine Assembly	GZ7613N	GZ7613P	1
7	Glass Clip Bracket	GZ6361		2
8	Steel Edge Clip	FA0523		2
9	Log Set	CE0696		1
10	Glass & Ropeseal Assembly	GZ8005		1
11	Door Assembly	GZ6829		1
12	Front Liner Base - L/H Vermiculite	CE0674		1
	Front Liner Base - L/H Black Reed	CE1220		1
13	Front Liner Base - R/H Vermiculite	CE0708		1
	Front Liner Base - R/H Black Reed	CE1223		

No.	Component	Part Code		Quantity
		Natural Gas	LPG	
14	Base Side Piece Vermiculite	CE0673		2
	Base Side Piece Black Reed	CE1219		2
15	Back Panel Vermiculite	CE0675		1
	Back Panel Black Reed	CE1221		1
16	Side Panel Vermiculite	CE0676		2
	Side Panel Black Reed	CE1222		2
17	Pilot	PI0036	PI0037	1
18	Electrode	PI0075		1
19	Elbow Injector	IN0045 - Size 375	IN0068 - Size 128	1
20	Aeration Plate	GZ3869 ID Letter K		1
21	Door Tool	GZ6690		1
22	Embaglow	GZ8471		1
23	Mains Adaptor - Mertik	999-620		1

Due to continual technical improvements please check online at [www.gazcospare.com](http://www.gazcospare.com) or with your Gazco retailer for the most up to date parts lists.

# Servicing Instructions - Replacing Parts

## 19. Spare Parts List - Studio 1 (All Models)



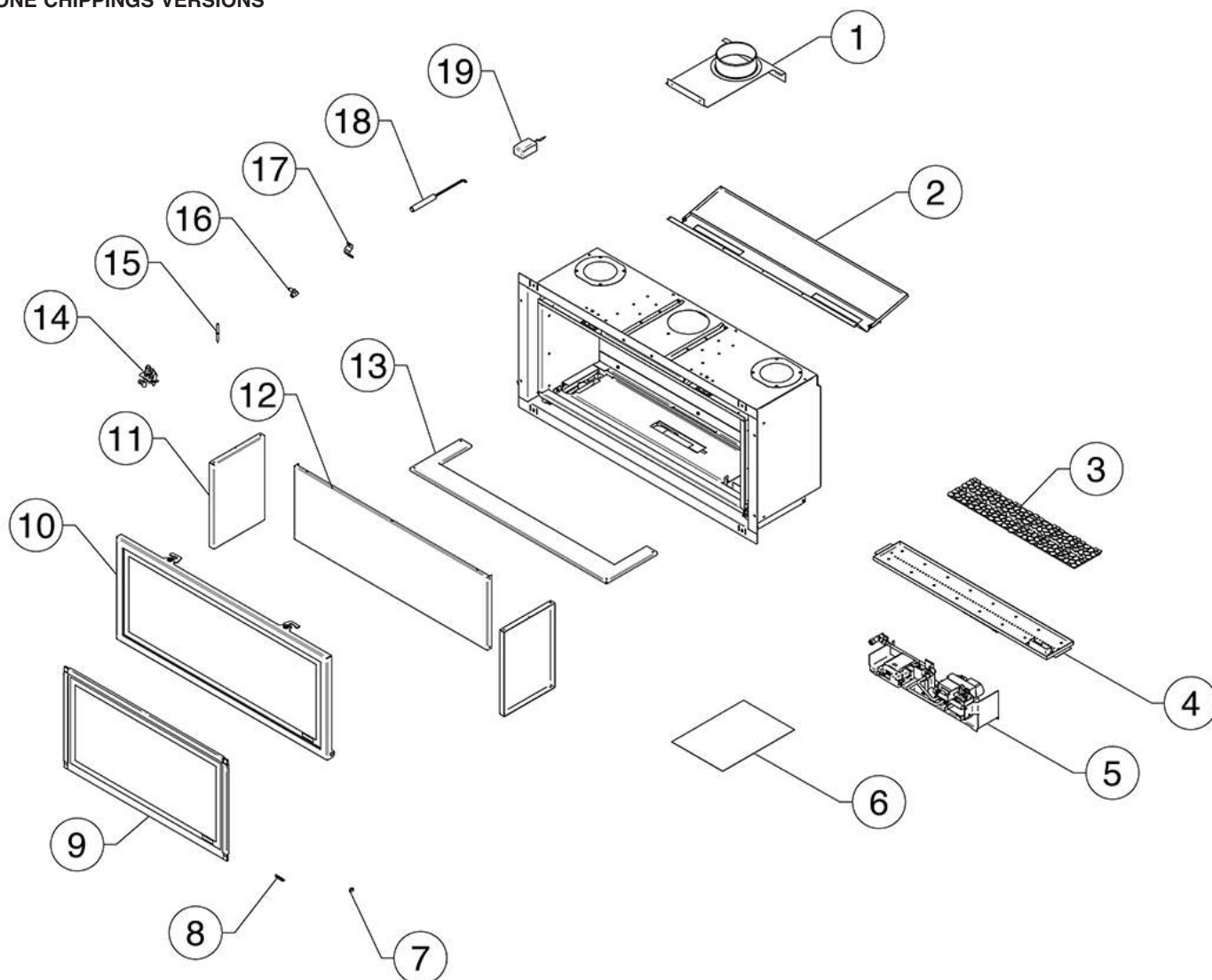
No.	Component	Part Code		Quantity
		Natural Gas	LPG	
1	Conventional Flue Collar - Matt Black	999-010		1
2	Vanity Side Panel RHS	GZ12426		1
3	Bottom Vanity Panel	GZ12700		1
4	Main Steel Door Assembly - Black	GZ12702BK		1
	Main Steel Door Assembly - White	GZ12702WH		1
5	Vanity Side Panel LHS	GZ12423		1
6	Top Vanity Panel	GZ12695		1

Due to continual technical improvements please check online at [www.gazcospares.com](http://www.gazcospares.com) or with your Gazco retailer for the most up to date parts lists.

# Servicing Instructions - Replacing Parts

## 20. Spare Parts List - Studio 2

### STONE CHIPPINGS VERSIONS



No.	Component	Part Code		Quantity
		Natural Gas	LPG	
1	Spigot Mounting Plate	GZ12913		1
2	Top Baffle	GC7035		1
3	White Stones	CE1088		1
4	Burner Assembly	GZ6861	GZ6860	1
5	Engine Assembly	GZ7040N	GZ7040P	1
6	Instructions & Fixing Kit	GZ12814		Kit
7	Steel Edge Clip	FA0523		2
8	Glass Clip Bracket	GZ6361		2
9	Door Glass Assembly	GZ7360		1
10	Door Assembly	GZ7131		1

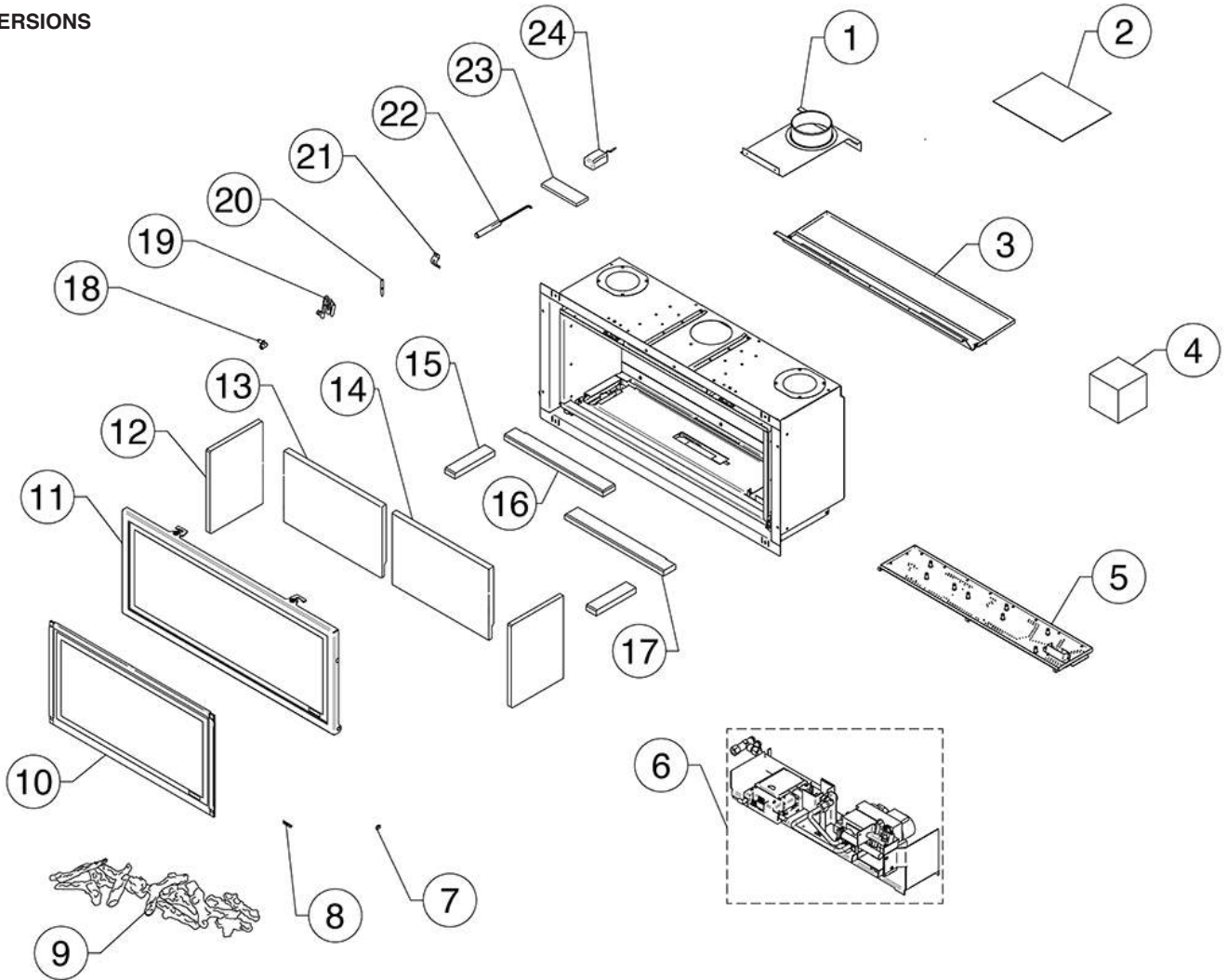
No.	Component	Part Code		Quantity
		Natural Gas	LPG	
11	Side Panel	GZ6489		2
12	Back Panel	GZ6867		1
13	Base Liner Panel	GZ6866		1
14	Pilot	PI0036	PI0037	1
15	Electrode	PI0075		1
16	Elbow Injector	IN0029 - Size 530	IN0041 - Size 225	1
17	Aeration Plate	GZ3868 ID Letter J	GZ3866 ID Letter G	1
18	Door Tool	GZ6690		1
19	Mains Adapter - Mertik	999-620		1

Due to continual technical improvements please check online at [www.gazcospares.com](http://www.gazcospares.com) or with your Gazco retailer for the most up to date parts lists.

# Servicing Instructions - Replacing Parts

## 20. Spare Parts List - Studio 2

### LOG VERSIONS



No.	Component	Part Code		Quantity
		Natural Gas	LPG	
1	Spigot Mounting Plate	GZ12913		1
2	Instructions & Fixing Kit	GC12814		1
3	Top Baffle Assembly	CE7035		1
4	Vermiculite	CE0746		Kit
5	Burner Assembly	GZ7545	GZ7436	1
6	Engine Assembly	GZ7614N	GZ7614P	1
7	Steel Edge Clip	FA0523		2
8	Glass Clip Bracket	GZ6361		2
9	Log Set	CE0729		1
10	Door Glass Assembly	GZ7360		1
11	Door Assembly	GZ7131		1
12	Side Panel Vermiculite	CE0676		1
	Side Panel Black Reed	CE1222		1
13	Back Panel - L/H Vermiculite	CE0688		1
	Back Panel - L/H Black Reed	CE1229		

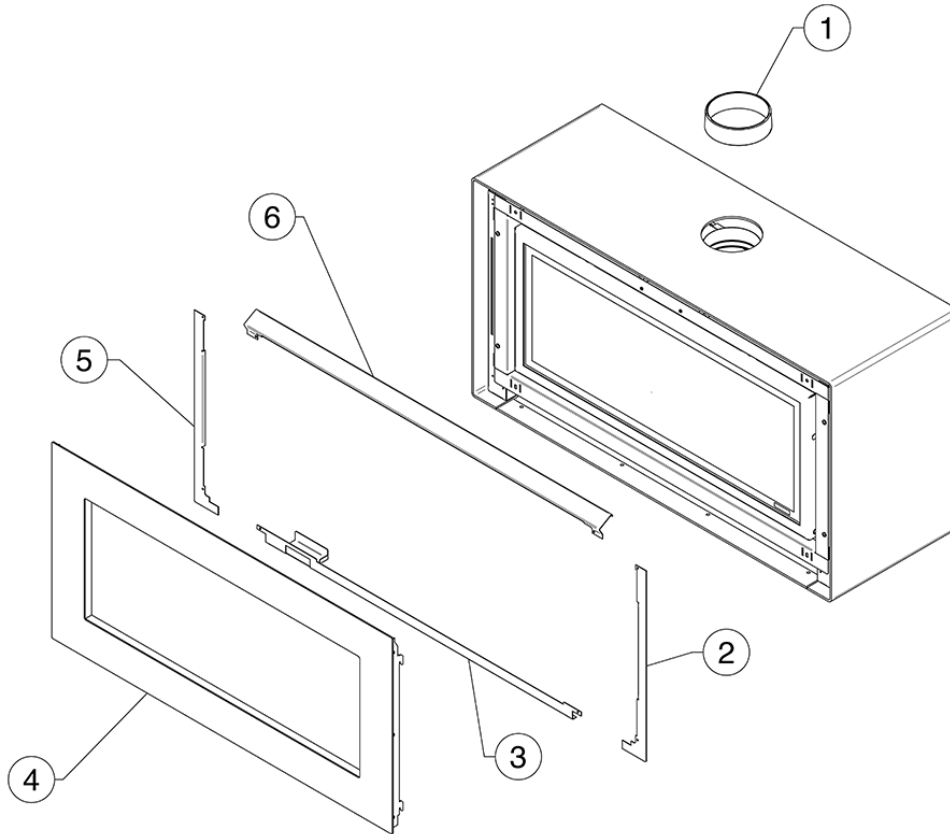
No.	Component	Part Code		Quantity
		Natural Gas	LPG	
14	Back Panel - R/H Vermiculite	CE0728		2
	Back Panel - R/H Black Reed	CE1230		2
15	Base Side Piece - Vermiculite	CE0673		1
	Base Side Piece - Black Reed	CE1219		1
16	Front Piece L/H - Vermiculite	CE0687		2
	Front Piece L/H - Black Reed	CE1228		2
17	Front Piece R/H - Vermiculite	CE0709		1
	Front Piece R/H - Black Reed	CE1232		
18	Elbow Injector	IN0045 - Size 375	IN0058 - Size 150	1
19	Pilot	PI0036	PI0045	1
20	Electrode	PI0075		1
21	Aeration Plate	GZ2016 - ID Letter B	GZ5427 - ID Letter N	1
22	Door Tool	GZ6690		
22	Embaglow	GZ8471		1
23	Mains Adaptor - Mertik	999-620		1

Due to continual technical improvements please check online at [www.gazcospares.com](http://www.gazcospares.com) or with your Gazco retailer for the most up to date parts lists.



# Servicing Instructions - Replacing Parts

## 20. Spare Parts List - Studio 2 (All Models)

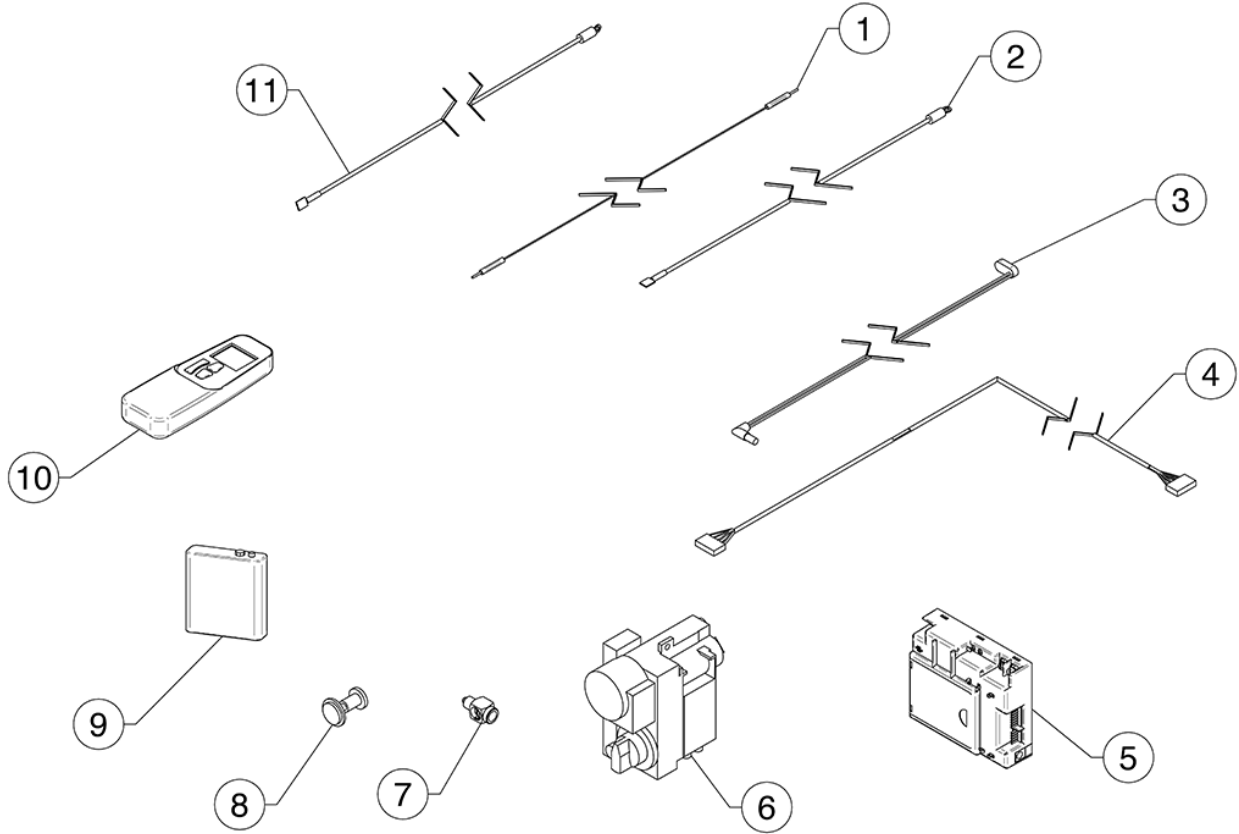


No.	Component	Part Code		Quantity
		Natural Gas	LPG	
1	Conventional Flue Collar - Matt Black	999-010		1
2	Vanity Side Panel RHS	GZ12426		1
3	Bottom Vanity Panel	GZ12444		1
4	Main Steel Door Assembly - Black	GZ12433BK		1
	Main Steel Door Assembly - White	GZ12433WH		1
5	Vanity Side Panel LHS	GZ12423		1
6	Top Vanity Panel	GZ12425		1

Due to continual technical improvements please check online at [www.gazcospares.com](http://www.gazcospares.com) or with your Gazco retailer for the most up to date parts lists.

# Servicing Instructions - Replacing Parts

## 21. Spare Parts List - All Models



No.	Component	Part Code		Quantity
		Natural Gas	LPG	
1	Ignition Cable	GC0125		1
2	Thermocurrent Cable	GC0136		1
3	3m Battery Cable	GC0138		1
4	350mm Connection Cable	GC0133		1
5	Receiver	EL0589		1
6	Gas Valve	GC0123K		1
7	Interruptor Block	GC0124		1
8	Mag Unit	GC0166		1
9	Battery Holder	EL0616		1
10	Handset	EL0571		1
11	Thermocurrent Cable	EL0590		1

Due to continual technical improvements please check online at [www.gazcospares.com](http://www.gazcospares.com) or with your Gazco retailer for the most up to date parts lists.

# Service Records

**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 Due .....  
Signed .....  
Retailer's Stamp/GasSafe Registration Number

**10TH SERVICE**

Date of Service .....  
Next Service Due .....  
Signed .....  
Retailer's Stamp/GasSafe Registration Number

**Gazco Limited, Osprey Road, Sowton Industrial Estate, Exeter, Devon, England EX2 7JG**  
**Technical Customer Services: (01392) 261950 Fax: (01392) 261951**  
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