



Fire Your Imagination

Logic HE™ Range

Conventional Flue



Instructions for Installation

For use in NZ (New Zealand).

IMPORTANT

INSTALLATION AND SERVICING MUST ONLY BE CARRIED OUT BY AUTHORISED PERSONNEL.

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 IS USED IN THE PRESENCE OF YOUNG CHILDREN, THE ELDERLY OR INFIRM.

This product contains a Non-Combustible 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.

DO NOT DISCARD: 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

Logic HE Conventional Flue

Covering the following models:

Gas Type	Logic HE Coal Effect		
	Manual Control	Remote Control	Slide Control
Nat Gas	101-151NZ	101-088NZ	101-037NZ
LPG	101-497NZ	101-614NZ	101-444NZ

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WARRANTY

For the length, terms and conditions of the product warranty available in your region please consult your Gazco retailer.



DO NOT OPERATE THIS APPLIANCE BEFORE READING THE INSTRUCTION BOOKLET.
DO NOT PLACE ARTICLES ON OR AGAINST THIS APPLIANCE.
DO NOT USE OR STORE FLAMMABLE MATERIALS NEAR THIS APPLIANCE.
DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION.
DO NOT OPERATE WITH PANELS, COVERS OR GUARDS REMOVED FROM THE APPLIANCE
DO NOT MODIFY THIS APPLIANCE.

Appliance Commissioning Checklist

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


IMPORTANT NOTICE

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

FLUE CHECK	PASS	FAIL
1. Flue Is correct for appliance		
2. Flue flow Test		
3. Spillage Test		
GAS CHECK		
1. Gas soundness & let by test		
2. Standing gas pressure	kPa	kPa
3. Appliance working pressure (on High Setting) NB All other gas appliances must be operating on full	kPa	kPa
4. Gas rate	kPa	kPa
5. Does Ventilation meet appliance requirements		
SAFETY CHECK		
1. Glass checked to ensure no damage, scratches, scores or cracks.		
2. Glass frame secured correctly and all screws replaced		

RETAILER AND INSTALLER INFORMATION

Retailer Contact No. Date of Purchase Model No. Serial No. Gas Type	Installation Company Engineer Contact No. Installer Reg No. Date of Installation
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 **END USER:** Please keep this information safe for future reference.

Installation Instructions

1. General

- 1.1 Installation and servicing must only be carried out by an authorised person.
- 1.2 In all correspondence, please quote the appliance type and serial number, which can be found on the data badge adjacent to the control knob, see Diagram 1.
- 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 150mm above the decorative front 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 The decorative front will become hot during normal use and should be treated as a working surface. It is recommended that a suitable fireguard be used for the protection of young children and the infirm.
- 1.8 This product is guaranteed 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.

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GAZCO
EXETER DEVON ENGLAND

SPILLAGE CHECK
CHECK AFTER 10 MINS ON MAXIMUM SETTING. LOCATE THE SMOKE MATCH INSIDE THE DRAUGHT DIVERTER AS SHOWN.

MODEL No.	
SERIAL No.	*
PIN No.	0063BU3977
APPL. CATEGORY	BI IAS
EFF. CLASS	I
GAS TYPE / CAT.	
GAS PRESSURE	
HEAT INPUT (GROSS)	
COUNTRY OF DESTINATION	NZ

IMPORTANT
THIS APPLIANCE MUST ONLY BE INSTALLED IN ACCORDANCE WITH THE RULES IN FORCE AND USED IN A SUFFICIENTLY VENTILATED SPACE. CONSULT INSTRUCTIONS BEFORE INSTALLATION AND USE OF THIS APPLIANCE.

CE 0558 *

OFF
HIGH
LOW
IGN

Data Badge Example: Individual details may vary.

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

2. Installation Checklist

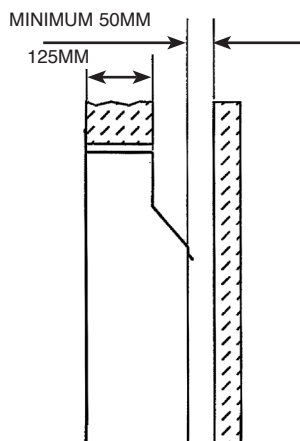
1. **Siting the Appliance**
 - i) Room Location - see Appliance Location
 - ii) Clearances to Combustibles
 - iii) Vent requirements - see Ventilation section
 - iv) Framing & Finishing - see Installation section on frames
2. **Locate the appliance in the Fireplace**
3. **Make Gas Connections**
4. **Test the pilot**
5. **Test the Gas Pressure**
6. **Install standard and optional features**
 - i) Lining Panels
 - ii) Log Effect
 - iii) Appliance Door
7. **Commission the appliance**

See Commissioning section for details.

Installation Instructions

Technical Specification

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**MINIMUM DEBRIS COLLECTION SPACE REQUIREMENTS
(EXISTING MASONRY CHIMNEYS ONLY)**

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**TO BE INSTALLED ONLY BY AN AUTHORISED PERSON
TO BE INSTALLED ON A NON-COMBUSTABLE FLOOR**



DO NOT OPERATE THIS APPLIANCE BEFORE
READING THE INSTRUCTION BOOKLET

DO NOT PLACE ARTICLES ON OR AGAINST
THIS APPLIANCE.

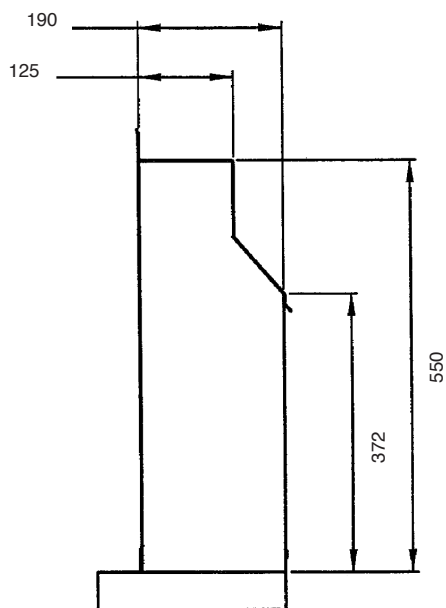
DO NOT STORE CHEMICALS OR
FLAMMABLE MATERIALS, OR SPRAY
AEROSOLS NEAR THIS APPLIANCE.

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

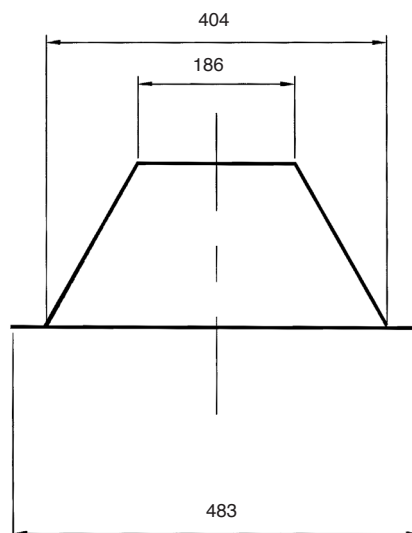
PR2048

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OVERALL EXTERNAL DIMENSIONS SIDE VIEW



OVERALL EXTERNAL DIMENSIONS PLAN VIEW



Installation Instructions

Technical Specification - Coal Effect

Covering the following models:

Gas Type	Logic HE Coal Effect		
	Manual Control	Remote Control	Slide Control
Nat Gas	101-151NZ	101-088NZ	101-037NZ
LPG	101-497NZ	101-614NZ	101-444NZ

Model		Gas Cat.	Gas Type	Working Pressure	Aeration	Injector	Gas Rate m ³ /hr		Input kW (Gross)		Country
							High	Low	High	Low	
Logic HE	Manual	I ₂ H	Natural (G20)	20mbar	5mm x 16mm	063	0.486	0.238	5.1	2.5	NZ
	Remote										
	Slide										
Logic HE	Manual	I ₃ BP	LPG Butane (G30)	29mbar	23mm x 15mm	150	0.137	0.069	4.8	2.4	NZ
	Remote		LPG Propane (G31)		23mm x 15mm		0.137	0.069	4.8	2.4	
	Slide						0.140	0.069	4.9	2.4	
Efficiency 89% Net (Class 1)											
NO _x Class 3											
Min Flue Size - 128mm (5") diameter											
Min Flue Size - pre cast - 90mm x 183mm (16,500mm ²)											
Min Flue Specification - T260/N2/O/D/1											
Gas Inlet - 8mm											

SPECIFIC INFORMATION FOR NEW ZEALAND						
Model	Manual	Remote	Slide	Manual	Remote	Slide
Gas Type	Natural Gas			General Product LPG (Propane, Butane or mixture)		
Test Pressure Point	2.0kPa			2.75kPa		
Gas Input Rate	5.1kW	5.1kW	5.1kW	4.8kW	4.8kW	4.9kW
Max Supply Pressure	6kPa with external regulator			3.5kPa		
Design Standard	EN613:2001					
Installation	This appliance must be installed in accordance with AS/NZS 5601.1:2013, the National Standard covering the Installation of gas appliances.					



Gas installation of this appliance must be in accordance with AS/NZS 5601.1-2013

Installation Instructions

Technical Specification

Complete Front Options

FRONT	Slide Control
DESIGNIO 2	901-539, 901-580, 901-643
TEMPO	901-385, 901-403, 901-414
WINCHESTER	901-369, 901-372

Frame & Front Combinations

FRAMES		
FINISH	Box Profil2 Frame **	Arts2 Frame **
Matt Black	901-272	901-167
Polished Brass Effect	901-286	-
Polished Steel Effect	901-299	-
Brushed Steel Effect	901-310	-
Polished Brass	-	901-194
Polished Stainless	-	901-206
Brushed Stainless	-	901-214

FRONTS					
FINISH	Arts Front	Wave Front	Chartwell Front	Holyrood Front	Spanish Front
Matt Black	901-425	901-024	901-159	912-020	912-083
Polished Brass Effect	901-530	901-061	901-164	912-226	912-160
Highlight Polished	901-296	901-092	901-185	912-257	912-127
Polished Chrome	901-476	901-083	901-170	912-392	912-216

** A Box Profil2 Frame or Arts2 Frame must be used in conjunction with an Arts, Wave, Chartwell, Holyrood or Spanish Front

Installation Instructions

Site Requirements

1. Flue & Chimney Requirements

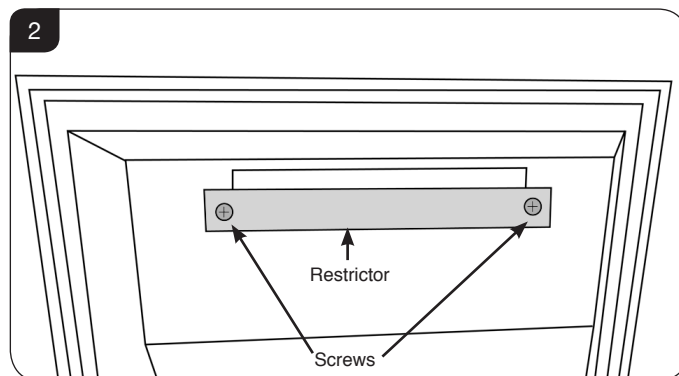
- 1.1 The chimney or flue system must comply with the rules in force, and must be a minimum of 125mm (5") in diameter. Precast flues must conform to BS1289: 1986. The cross sectional area of the flue must be 16500 mm² with a minimum dimension of 90mm.

When fitting the appliance to a precast flue, the total minimum depth of appliance opening necessary is (D) 215mm. This allows a 25mm space behind the appliance for debris, required on this type of flue system. This is achieved either by using = (A) a 115mm deep starter block + (B) a 25mm plasterboard and sealed space + (C) 75mm Gazco Spacer (part number 8315) with a marble slip or similar, inserted behind the spacer front flange, see Diagram 1.

Or the total depth can be achieved by using a deeper starter block, remedial building work to the front of the fireplace opening, and a marble slip or similar, or a combination of this.

NEVER PLASTER DIRECT TO THE FACE OF A PRECAST FLUE. USE ADHESIVE TO FIX THE PLASTERBOARD TO THE FACE OF THE FLUE AND FINALLY SKIM THE PLASTERBOARD.

- 1.2 A flue restrictor is provided with this appliance. This can be fitted when the flue is equal to or greater than 178mm or when the flue pull is excessive, see Diagram 2.



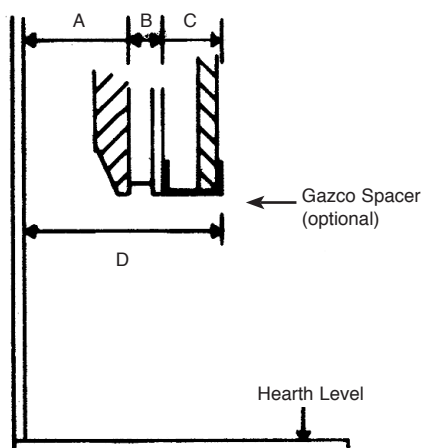
This is fitted from outside the appliance across the outlet at the top of the box with 2 screws provided.

- 1.3 The minimum effective height of the flue or chimney must be 3m.
- 1.4 The chimney or flue must be free from any obstruction. Any damper plates should be removed or secured in the fully open position, and no restrictor plates should be 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.
- 1.6 Ensure that there is a smooth taper transition from the fireplace opening into the chimney or flue.
- 1.7 The flue pull should be checked prior to installation of the appliance. Apply a smoke pellet to the flue or chimney opening and ensure that the smoke is drawn into the opening. If there is not a definite flow, preheat the chimney for a few minutes and re-test the flow.

IF THERE IS STILL NO DEFINITE FLOW, THE CHIMNEY MAY REQUIRE ATTENTION - SEEK EXPERT ADVICE.

1

A = Minimum precast flue starter block depth (115mm)
B = Plasterboard and adhesive seal all around appliance opening
C = Gazco Spacer (8315)
D = Minimum total depth including 25mm for debris



The appliance can also be fitted into a metal flue box with a twin wall prefabricated metal flue system suitable for use with gas appliances. In this installation a 25mm rebated fire surround must be used. Refer to Diagram 3, Pre Fab Metal Box for dimensions.

* Class 1 flues. Chimneys over 229mm x 229mm must be lined.

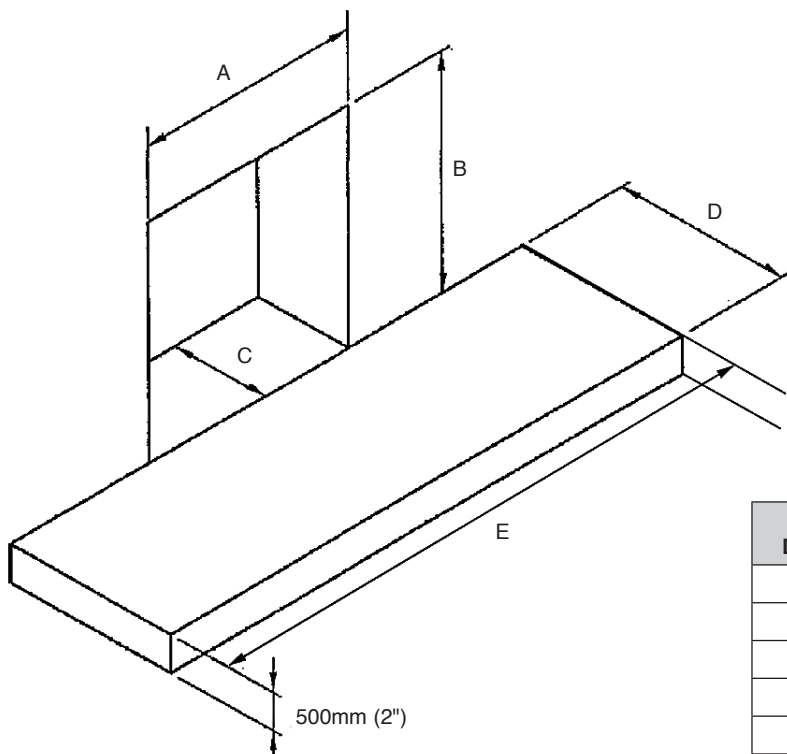
Installation Instructions

Site Requirements

2. Appliance Location

- 2.1 This appliance must stand on a non combustible hearth that is at least 12mm thick. If the appliance is greater than 50mm above the floor, then no hearth is required, although due consideration should be given to how the heat may affect the floor material.
- 2.2 **NOTE: It is recommended you construct the back panel of the fireplace from natural materials cut into 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.**
- 2.3 It must be fitted into a non-combustible opening.
- 2.4 These appliances must be hearth mounted into a fireplace opening conforming to National Standards. The minimum dimensions shall be as shown in Diagram 3.

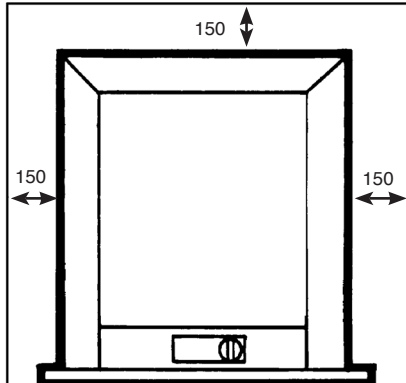
3



Flue Type Dimensions	Brick Built Class 1	Pre Fab Metal Box
A	410	407
B	560	560
C	250	200
D	300	300
E	710	710

- 2.5 Ensure that no naked flame or incandescent part of the fire bed projects beyond the vertical plane of the fireplace opening.
- 2.6 The appliance must not be installed in any room that contains a bath or shower.
- 2.7 Ensure clearances to combustible materials, see Diagram 4.
- 2.8 The maximum depth of combustible shelf is 150mm at a minimum height of 150mm above the decorative front. Refer to the appropriate Frame Instructions regarding additional wall strengthening for the frame.

4



Dimensions given are to the decorative front of the appliance.

Installation Instructions

Site Requirements

3. Gas Supply

- 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 This appliance is supplied complete with a factory fitted isolation device incorporated into the inlet connection, no further isolation device is therefore required.

4. Ventilation

- 4.1 This appliance has a rated input below 7kW and therefore does not normally require any additional ventilation.

PLEASE REFER TO LOCAL AND NATIONAL CODES OF PRACTICE FOR VENTILATION REQUIREMENTS.

AIR VENTS MUST NOT BE RESTRICTED.

Installation Instructions

1. Safety Precautions

- 1.1 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.**
- 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 gas engineer. **Do not use the appliance until an engineer says it is safe to do so.**
The oxygen sensitive pilot must not be tampered with. Use only genuine Gazco replacement parts when servicing the appliance - refer to Servicing section.



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, SEE PAGES 6 & 7.

FOR DETAILS OF CHANGING BETWEEN GAS TYPES REFER TO SERVICING, SECTION 10, 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 Gas Supply

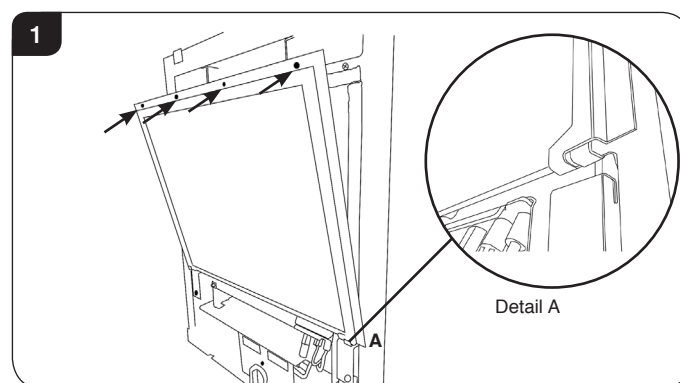
For specific gas types and working pressures see Technical Specifications, pages 6 and 7.

TO CHANGE FROM ONE GAS TYPE TO ANOTHER A COMPLETE ENGINE ASSEMBLY AND DATA BADGE WILL BE REQUIRED. SEE SECTION 10 REPLACING PARTS, PR2195NZ SERVICING INSTRUCTIONS.

- 2.1 Before installation, ensure that the local distribution conditions (identification of the type of gas and pressure) and the adjustment of the appliance are compatible. See Technical Specification on pages 6 and 7.
- 2.2 Ensure that the gas supply is capable of delivering the required amount of gas and is in accordance with the rules in force. Please refer to the technical specification for the correct working pressure for the gas used.
- 2.3 Soft copper tubing and soft soldered joints can be used but must not be closer than 50mm (2") to the underside of the burner.
- 2.4 An isolation device is provided with the appliance.
- 2.5 All supply gas pipes must be purged of any debris that may have entered, prior to connection to the appliance.
- 2.6 This appliance is intended for use on a gas installation with a governed meter.

3. Preparing the Appliance

- 3.1 Remove the glass frame by unscrewing the 4 screws in the retaining bracket, see Diagram 1.
- 3.2 Lift the glass frame off the lower locations tabs, see Diagram 1, Detail A and carefully place to one side.

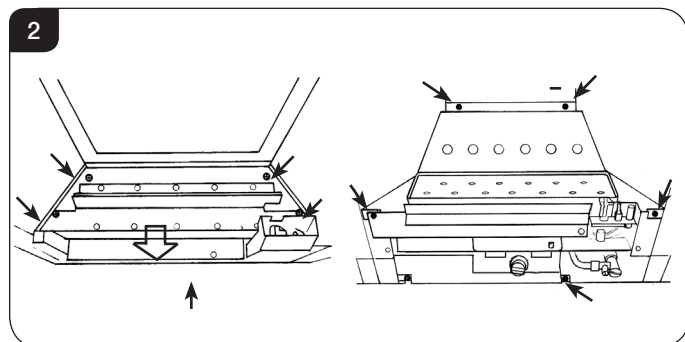


Installation Instructions

Manual Control

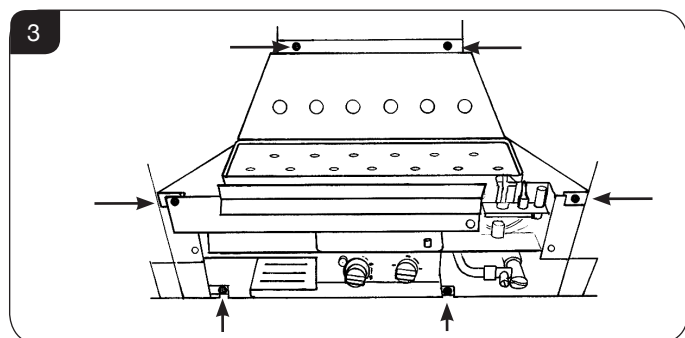
- 3.3 Remove the 5 burner retaining screws and withdraw the burner unit from its location, see Diagram 2.

NOTE: IF REMOVING THE BURNER, IT WILL BE NECESSARY TO REMOVE THE DECORATIVE INNER PANEL, SEE SECTION 5.



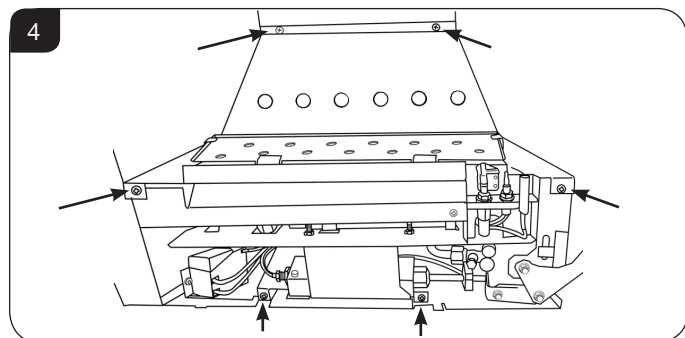
Remote Control

- 3.4 Remove the 6 burner retaining screws and withdraw the burner unit from its location, see Diagram 3, arrows B.

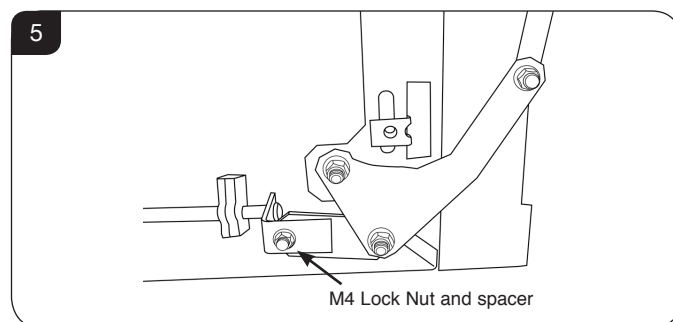


Slide Control

- 3.5 Remove the 6 burner retaining screws, see Diagram 4.



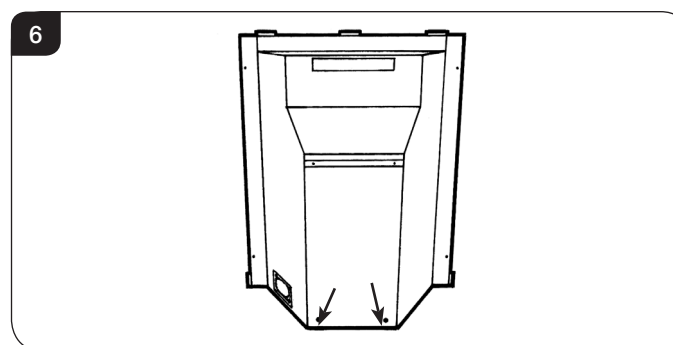
- 3.6 Remove the M4 lock nut and spacer securing the slider arm to the appliance, see Diagram 5.
Ensure that the spacer is retained and replaced when the engine is reinstalled.



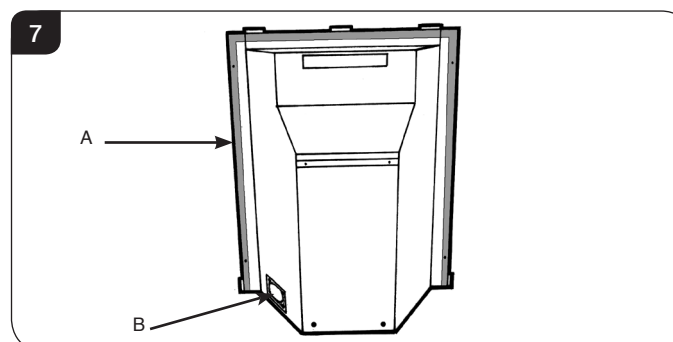
Withdraw the burner unit from its location.
Take care not to catch the slide mechanism.

All Models

- 3.7 Decide on the retention method, if the cable retention kit is to be used then remove the two knockout holes on the rear of the box using a sharp hammer blow, see Diagram 6.



- 3.8 Remove the backing from the self-adhesive silicone sealing strip and apply to the rear flange of the firebox ensuring that it is positioned as close to the outer edge as is practically possible, see Diagram 7, Arrow A.



Installation Instructions

- 3.9 Gas pipe entry must come through the right-hand side of the box. The rubber seal must be cut using a sharp knife to allow the isolating elbow to pass through it. Ensure the rubber is not damaged when doing this, see Diagram 7, Arrow B.

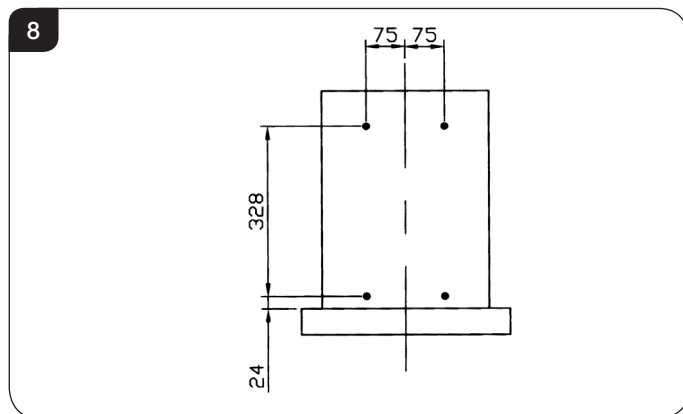
A means of isolation is provided with the appliance. This must be fitted to the supply pipe prior to installing the firebox.

4. Installation of the Appliance

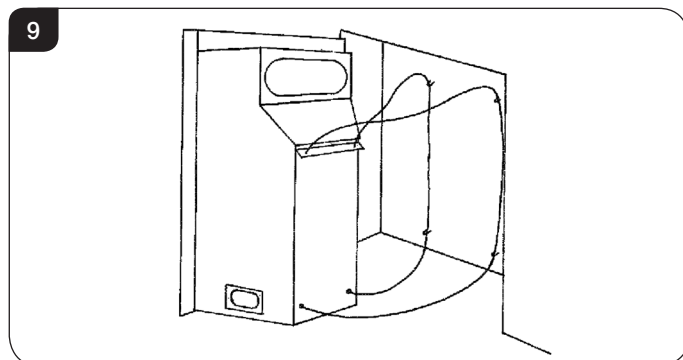
- 4.1 Ensure that the fireplace opening is in compliance with Section 2 Site Requirements then proceed as follows:

A) Cable Retention Method

- 4.2 Mark the position of the 4 fixing holes on the rear of the fireplace opening and drill the holes using a 7mm masonry drill bit. Insert the 4 steel expansion plugs and screw the eyebolts in as far as possible leaving the eye horizontal, see Diagram 8.



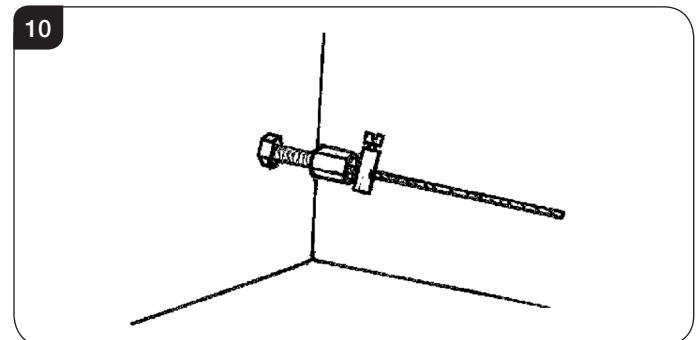
- 4.3 Pass the 2 cables through the holes in the bracket on the back of the firebox and pull taut so that the stop ends sit tightly against the top of the bracket, see Diagram 9.



- 4.4 Pass the cables vertically through the 2 sets of eyebolts and thread the ends through the holes in the lower back of the firebox. Pass the gas supply pipe through the hole in the rubber seal (refer to section 4.9) and push the appliance into place.

- 4.5 Thread the cables through the tensioner bolts and push the threaded portions through the holes in the firebox so that the lock nut sits against the back wall (ensure that the nut is screwed fully up to the head of the tensioner to allow maximum adjustment).

- 4.6 Slide the locking nipples onto the cables, pull the cables taut and tighten the locking screw. Adjust the lock nuts using a 10mm spanner until the silicone sealing strip forms a tight seal between the fireplace opening and the firebox flange, see Diagram 10.



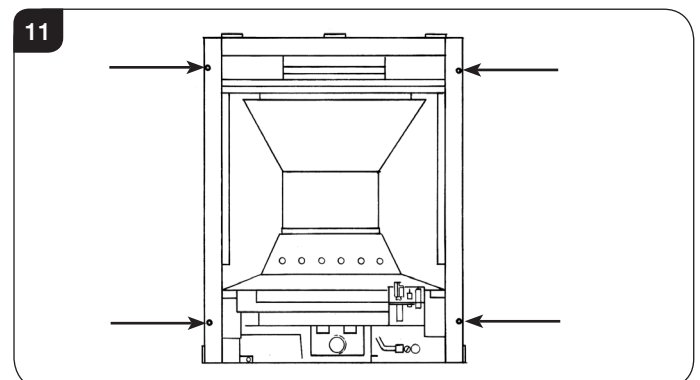
- 4.7 Coil up the surplus cable and locate in the back of the firebox.

NEVER SHORTEN THE CABLES, THEY WILL BE REQUIRED WHEN SERVICING THE APPLIANCE.

- 4.8 Replace the lower cover plate.
Note: The cable adjuster may need to be tucked upward in order to fit the lower cover plate.

B) Screw Fixing Method

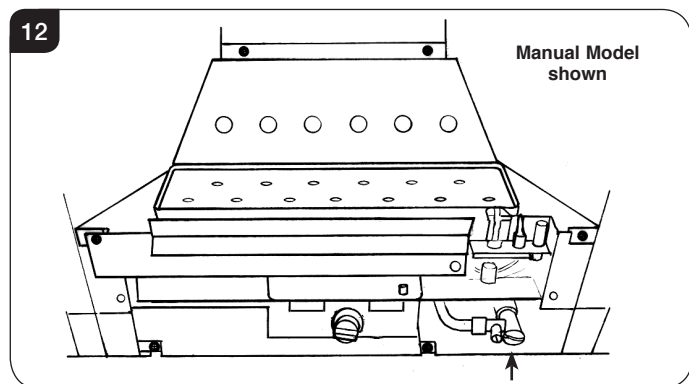
- 4.9 Alternatively, this appliance can be secured back to the fireplace opening using the screws and expansion plugs provided.
- 4.10 Place the firebox centrally in the opening and mark the positions of the 4 fixing holes. Drill the holes and insert the 4 expansion plugs, see Diagram 11.



- 4.11 Offer the firebox into the opening and ensure that the gas supply pipe passes through the rubber seal.

Installation Instructions

- 4.12 Connect the gas supply to the inlet connection on the burner unit and tighten. It may be necessary to support the inlet connection with another spanner whilst tightening this joint, see Diagram 12.



- 4.13 Carefully refit the burner assembly.

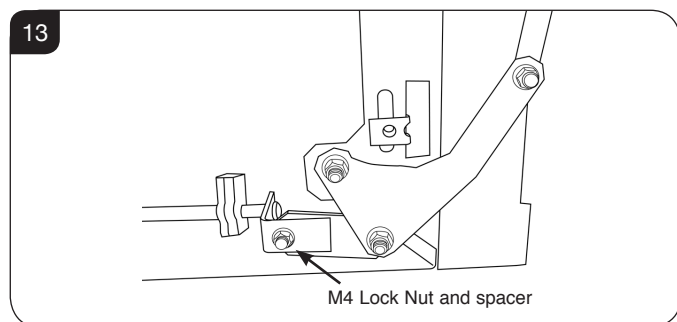
Slide Control Model only

Take care not to catch the slide mechanism.

- 4.14 Secure the 6 screws (Remote and Slide control models), 5 screws (Manual model).

Slide Control Model only

- 4.15 Refit the spacer and M4 lock nut to secure the slide mechanism, see Diagram 13.



All Models

- 4.16 Turn on the gas supply to the appliance and check for leaks. Light the appliance and check all joints on the appliance for leaks.
- 4.17 Remove the sealing screw from the inlet connection and connect a suitable "U" gauge manometer. Light the appliance and turn to the maximum position, refer to the data badge and ensure that the running pressure is correct. If the pressure varies significantly from that on the data badge, this may indicate a supply problem and will require immediate attention.
- 4.18 Turn the appliance off, disconnect the "U" gauge and replace the sealing screw. Relight the appliance and check the sealing screw for leaks.

5. Arrangement of the Fuel Bed

Advice on handling and disposal of fire ceramics



The fuel effect and side panels of this appliance 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 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.

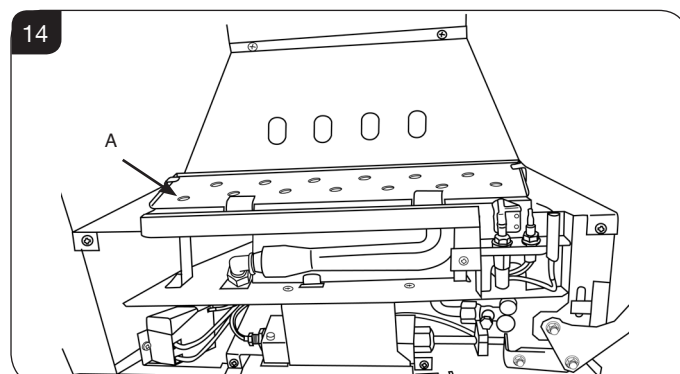
6. Coal Effect Layout

NOTE: CERAMIC PARTS ARE FRAGILE. HANDLE WITH CARE.

ONLY USE THE CORRECT TYPE AND QUANTITY OF CERAMIC COMPONENTS. ALWAYS FOLLOW THE FUEL BED LAYOUT AS STATED IN THESE INSTRUCTIONS. NEVER CHANGE THE LAYOUT FROM THAT SHOWN HERE.

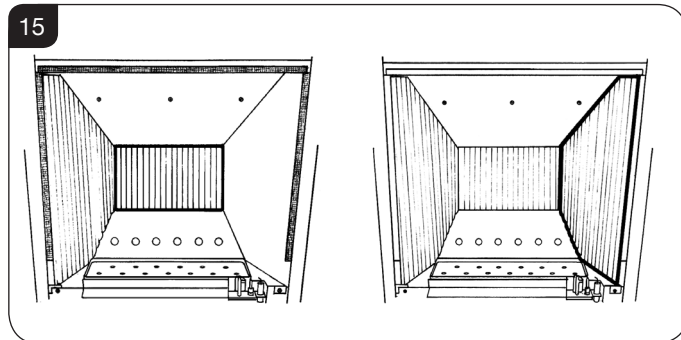
- 6.1 Ensure the burner cover gasket is positioned on the burner skin ensuring the holes align with the ports.

Take care as the front left-hand hole is offset compared to the others, see Diagram 14, arrow A.

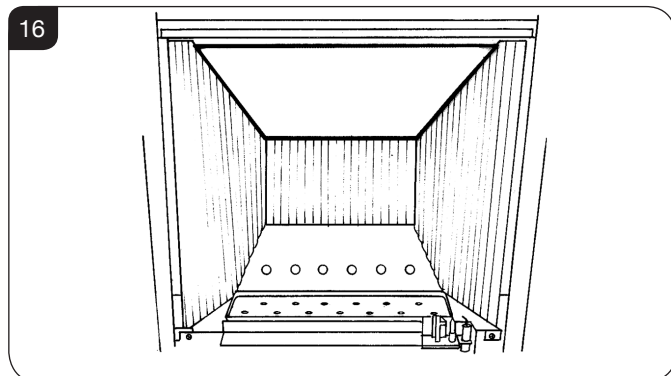


Installation Instructions

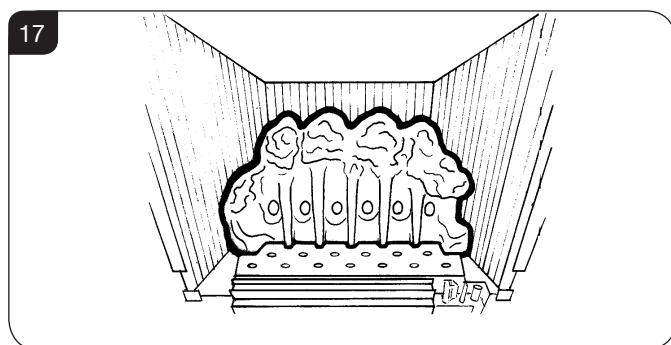
- 6.2 Place the rear panel against the rear of the box resting on the shelf.
- 6.3 Slide one of the side panels into the box ensuring it touches the rear panel.
- 6.4 Gently ease the front edge of the side panel behind the flange so it lies flat against the wall of the box.
- 6.5 Repeat with the second side panel, see Diagram 15.



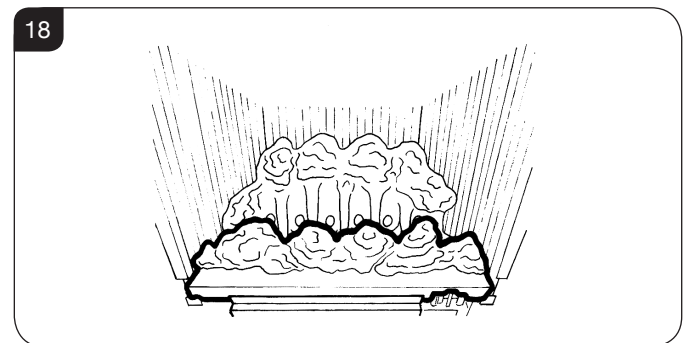
- 6.6 Locate the top panel on top of the sides and rear by lifting it up and forward inside the box.
- 6.7 Slide it backwards and down behind the side panels to rest on the rear panel, see Diagram 16.



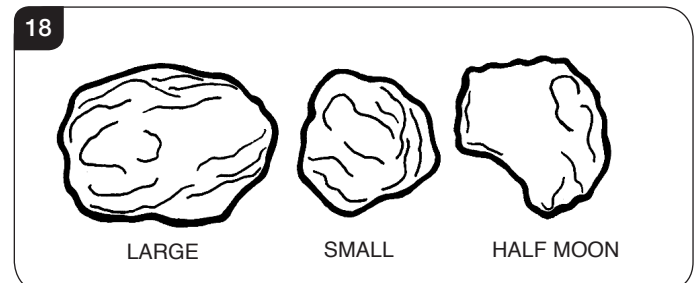
- 6.8 Position the flame baffle centrally on the tray and ensure the stepped lower edge engages against the rear edge of the burner skin, see Diagram 17.



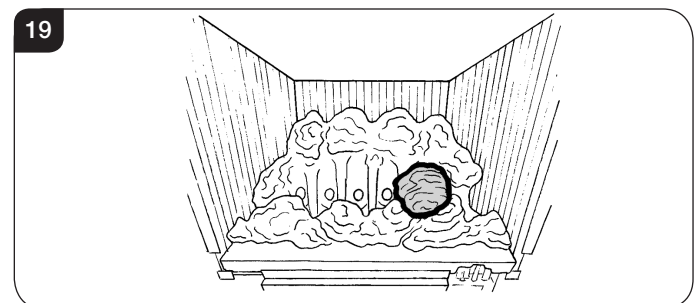
- 6.9 Place the front coal centrally in the channel at the front of the tray. The relationship between the front coal and the flame baffle is shown in Diagram 18.



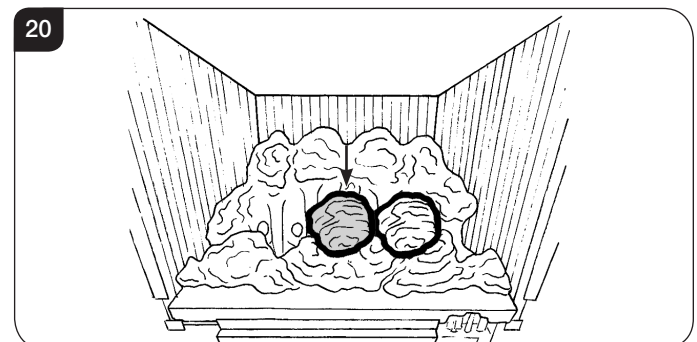
- 6.10 There are three sizes of coal used: 3 x Large, 4 x Small and 1 x Half Moon shaped. For identification, see Diagram 18.



- 6.11 Place a single large coal in the right hand dent of the front coal resting against the flame baffle, see Diagram 19.

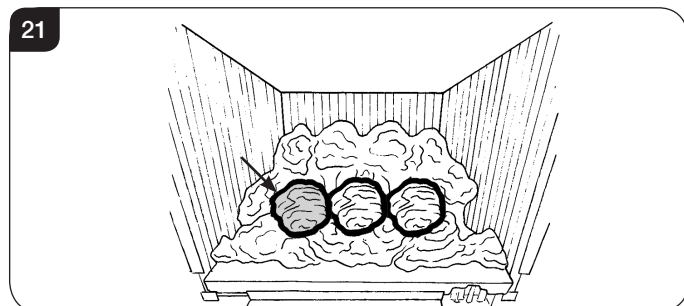


- 6.12 Place a second single large coal in the middle dent of the front coal resting against the flame baffle, see Diagram 20.

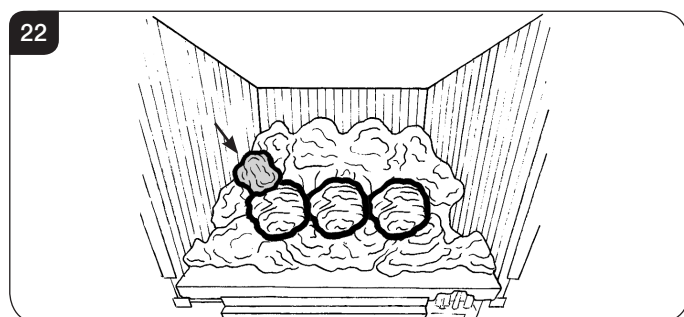


Installation Instructions

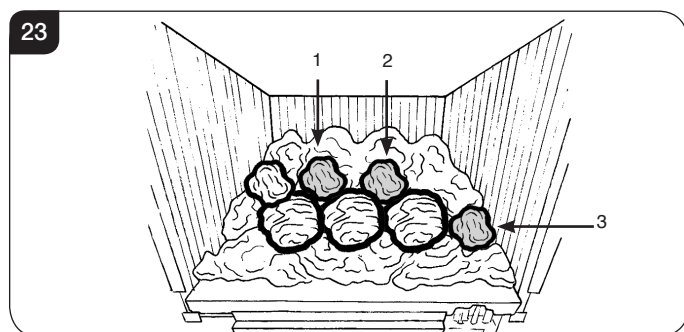
- 6.13 Place the third large coal next to the first middle coal and against the flame baffle, Diagram 21.



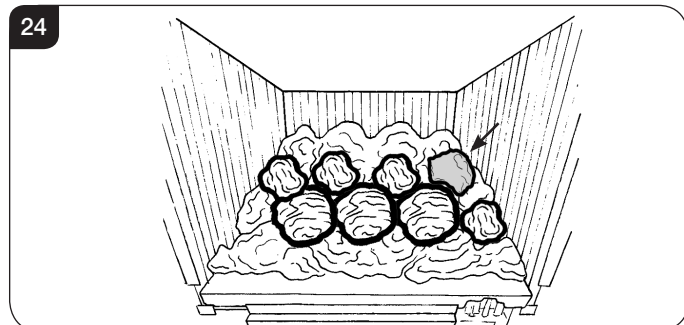
- 6.14 Place a small coal directly behind the first large coal, and rest it on the flame baffle, see Diagram 22.



- 6.15 Place two of the remaining small coals in the spaces next to the first. The final small coal sits at the front right next to the large coals, see Diagram 23.



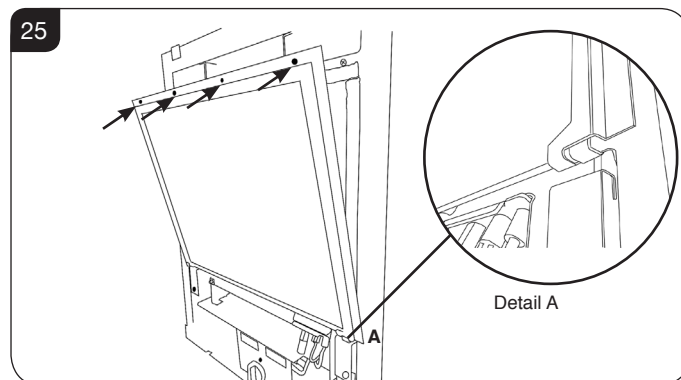
- 6.16 Finally position the Half Moon coal on the top right as shown, see Diagram 24.



- 6.17 It is essential that gaps are left between the coals to maximise the performance of the appliance.

7. Fitting the Glass Frame

- 7.1 Ensure that the fibre glass seal on the box is intact, then lower the glass frame into the lower location tabs on the box. The tabs should locate between the glass and the decorative front, see Diagram 25, Detail A.
- 7.2 Secure the glass frame using 4 screws in the retaining bracket, see Diagram 25. Replace ALL of the glass frame securing screws ensuring that a screw is present in all fixing slots.



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

Refer to the separate decorative front Instructions to replace the front on the appliance.



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

8. Operating the Appliance

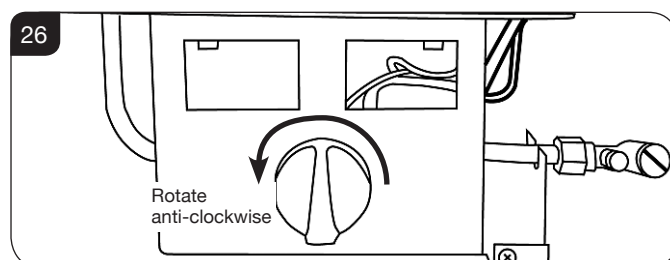
- 8.1 There are three types of control systems available for this appliance:

1. Manually Operated Control
2. Remote Control
3. Slide Control

Follow the relevant section for specific operation.

Manual Control

- 8.2 Locate the control valve on the appliance. It has a single manual control, see Diagram 26:



Installation Instructions

Lighting the Pilot

- 8.3 Push the valve knob in and rotate anti-clockwise until 2 clicks are heard.
The pilot should now be lit.

- 8.4 Hold in for a further 10 seconds.
When released the pilot should remain lit.

If the pilot does not remain lit, repeat until the operation is successful.

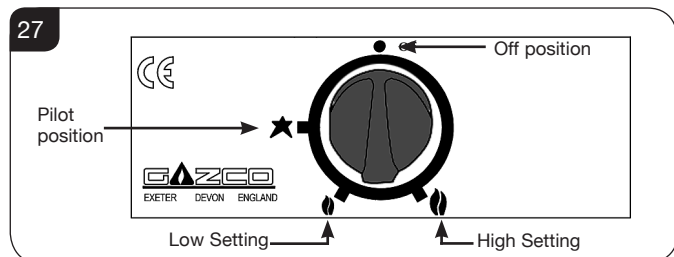
Adjusting the Flame height

- 8.5 From the pilot position push the valve knob in slightly and rotate anti-clockwise until the first stop point is felt.

This denotes the lowest setting.

- 8.6 Push the valve knob in slightly and rotate further in an anti-clockwise direction.

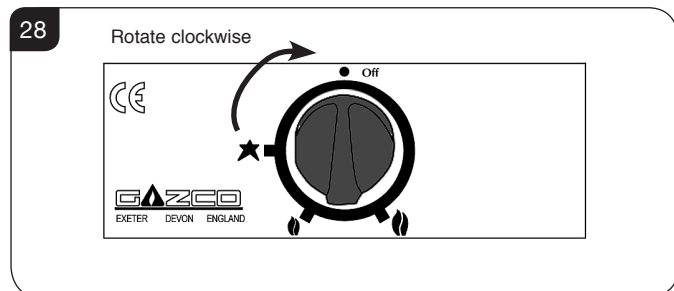
The final stop point is the highest setting.



YELLOW FLAMES APPEAR WHEN THE APPLIANCE HAS REACHED SUFFICIENT HEAT – (10 TO 20 MINUTES). IF THE APPLIANCE IS EXTINGUISHED OR GOES OUT IN USE, WAIT 3 MINUTES BEFORE TRYING TO RELIGHT.

Switching OFF the Appliance

- 8.7 To switch the appliance off turn the control knob clockwise until it is returned to the off position, see Diagram 28.



The knob should be upright.

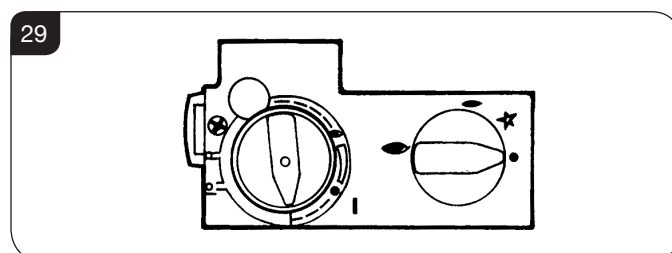
Remote Control

The control valve is at the foot on the right-hand side of the appliance. It has two controls, see Diagram 29.

1. The right-hand knob controls the pilot ignition.
2. The left-hand knob controls the main burner.

Lighting the Pilot

- 8.8 To start the left-hand and right-hand control knobs must both point to off (●):



- 8.9 Press in the right-hand control knob and rotate anti-clockwise until a click is heard. Continue to press in. The knob points to the pilot (→).

The pilot is lit.

- 8.10 Keep the knob depressed for 10 seconds before releasing. The pilot remains lit.

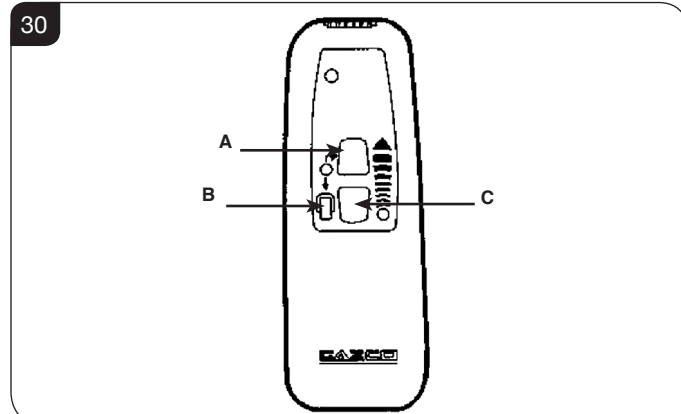
Repeat the above steps if the pilot does not stay lit.

NOTE: If the pilot goes out, the Interlock system prevents you lighting again for a short period.

- 8.11 If, after repeating the above steps the pilot does not light, contact your Retailer or Installer.
- 8.12 Turn the right-hand control to point to main burner (↔). The appliance can now be controlled by the remote handset.
- 8.13 The Standard remote controls the appliance when:

- the pilot is lit.
- the right-hand control points to main burner ↔ ready to operate position.

It regulates the temperature from low to high and back. It can also turn the main burner off leaving just the pilot burning and ready to operate.



Installation Instructions

To light the main burner:

- 8.14 Press buttons A & B simultaneously.
The remote's LED light flashes to show communication between the appliance's controls and the remote.

Adjusting the Flame height:

- 8.15 Press and hold buttons A & B simultaneously to increase the flame height. A clicking sound indicates that the appliance is at maximum.
- 8.16 Press and hold button C to decrease the flame height. Continue to press C to turn off the main burner.

To make small adjustments to flame height:

- 8.17 Press and hold down button B and press button A once to make a slight increase. This increases the temperature by stages.
- Repeat to further adjust.
- 8.18 Press button C once to slightly reduce the flame height.

YELLOW FLAMES APPEAR WHEN THE APPLIANCE HAS REACHED SUFFICIENT HEAT – (10 TO 20 MINUTES). IF THE APPLIANCE IS EXTINGUISHED OR GOES OUT IN USE, WAIT 3 MINUTES BEFORE TRYING TO RELIGHT.


Switching OFF the Appliance

THE REMOTE CONTROL CAN TURN THE MAIN BURNER OFF AND LEAVE THE PILOT BURNING AND READY TO OPERATE .


- 8.19 To switch off the appliance completely (no pilot burning) return both control knobs to the off position (●).

Remote Control

- 8.20 To turn the main burner of the appliance off using the handset press and keep pressing the Off button (●).

The main burner goes out leaving the pilot burning and ready to operate .

Controls on Appliance

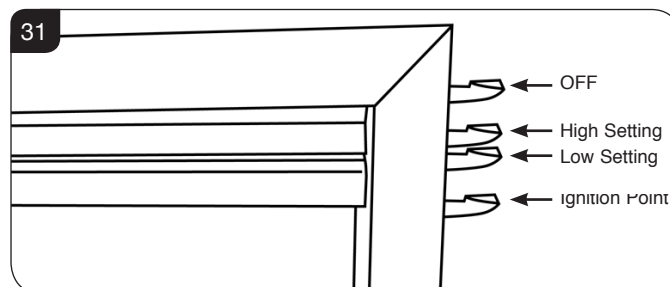
- 8.21 Use the controls on the appliance to turn the appliance off by turning the left-hand control knob until it points to Off (●). A click is heard and the main burner goes out leaving the pilot burning and ready to operate .

CAUTION: IN RARE INSTANCES, NOISES FROM SOURCES OUTSIDE THE REMOTE CAN OPERATE THE MAIN BURNER. IF THIS OCCURS, ALWAYS TURN THE CONTROL TO PILOT (●) OR OFF.

Slide Control

This appliance is operated using the slide control on the top right hand side of the decorative front.

When the appliance is OFF the slide control will be at the highest point, see Diagram 31.



Lighting the Pilot

- 8.22 Push the slide control down as far as possible to its lowest point, see Diagram 39, this is the ignition point.

Keep the slide control pressed down for 5 seconds to ensure the pilot is lit. Then release.

The appliance should light on its lowest setting.

- 8.23 When released the slide control automatically raises to a natural stop point, see Diagram 31.

Repeat the above steps if the appliance does not light.

- 8.24 If, after repeating the above steps the pilot does not light, contact your Retailer or Installer.

Adjusting the Flame height

- 8.25 Increase the flame height and temperature by carefully moving the slide control up until the next stop point is felt, see Diagram 39. This denotes the highest setting.
- 8.26 Carefully move the slide control down to the lower stop point to return to the lowest setting.

YELLOW FLAMES APPEAR WHEN THE APPLIANCE HAS REACHED SUFFICIENT HEAT – (10 TO 20 MINUTES). IF THE APPLIANCE IS EXTINGUISHED OR GOES OUT IN USE, WAIT 3 MINUTES BEFORE TRYING TO RELIGHT.

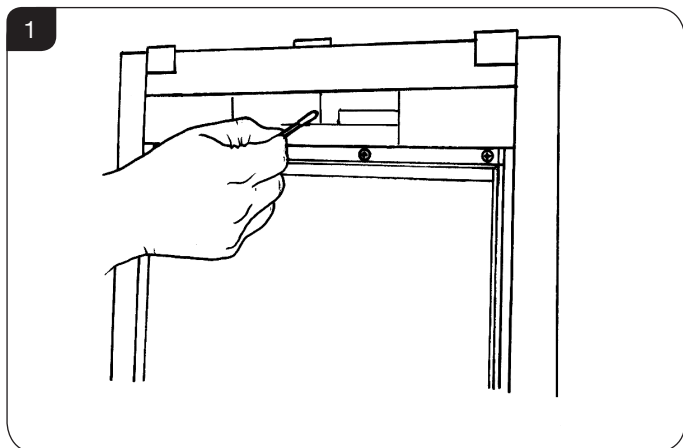
Switching OFF the Appliance

- 8.27 To turn the appliance off lift the slide control to its highest stop point, see Diagram 31. The pilot goes out.

Commissioning

1. Commissioning

- 1.1 Close all windows and doors to the room, check all controls, and allow appliance to burn on maximum for 5 minutes. Test for spillage of flue products using a smoke match. Pass the lighted smoke match along the top front of the draught diverter, just inside, see Diagram 1.



- 1.2 If the appliance spills, run for a further 10 minutes and re-check.
- 1.3 Complete the Commissioning Checklist at the front of this manual covering:
- Flue checks
 - Gas checks
 - Fuel effect layout - flame picture
- 1.4 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.
- 1.5 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).
- If there are any extractor fans in the room or adjacent rooms, the test must be repeated with the fans running on maximum.

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

For future reference record the installation details on the commissioning sheet on page 3 of these instructions.

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