



Fire Your Imagination

E-Studio™ & E-Box™

Balanced Flue

with Upgradeable Control Valve



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

Instructions for Use, Installation & Servicing

For use in GB & IE (Great Britain & 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.

This appliance is guaranteed for 2 years (subject to the conditions on page 3 of this Instruction manual). The second year of the guarantee will only be valid if the annual service recommended in this Instruction manual has been completed by a GasSafe registered engineer, and a copy of the service report is available for inspection by a Gazco engineer.

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

E-Studio™/E-Box™ Balanced Flue

Covering the following models:

E-STUDIO	E-BOX - COAL EFFECT	E-BOX - PEBBLE EFFECT
8692BFCHUC	8692MCUC	8692PBUC
P8692BFCHUC	P8692MCUC	8692PBUC

Appliance Commissioning Checklist3

User Instructions.....4

Installation Instructions11

Technical Specifications 11

Site Requirements..... 14

Installation 26

Commissioning 23

Servicing Instructions.....24

Fault Finding..... 24

How To replace Parts 26

Basic Spare Parts List - Stone Chippings 30

Basic Spare Parts List - Log Version 31

Service Records 32

Appliance Commissioning Checklist

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

IMPORTANT NOTICE

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

FLUE CHECK	PASS	FAIL
1. Flue Is correct for appliance		
2. Flue flow Test	N/A	
3. Spillage Test	N/A	
GAS CHECK		
1. Gas soundness & let by test		
2. Standing gas pressure	mb	
3. Appliance working pressure (on High Setting NB All other gas appliances must be operating on full	mb	
4. Gas rate		
5. Does Ventilation meet appliance requirements N/A	m ³ /h	
6. Have the controls been upgraded (Upgradeable models only)	YES	NO
8456 Programmable Thermostat and timer	YES	NO

RETAILER AND INSTALLER INFORMATION

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

This product is guaranteed for 2 years from the date of installation, as set out in the terms and conditions of sale between Gazco and your local Gazco Retailer. **This guarantee will be invalid, to the extent permitted by law, if the above Appliance Commissioning Checklist is not fully completed by the installer and available for inspection by a Gazco engineer.** The guarantee will only be valid during the second year, to the extent permitted by law, if the annual service recommended in the Instructions for Use has been completed by a Gas Safe registered engineer, and a copy of the service visit report is available for inspection by a Gazco engineer.

User Instructions

Welcome

Congratulations on purchasing your E-Studio™/E-Box™ 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 Gas Safe register. To ensure the engineer is registered with Gas Safe 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 attached to the lower slotted trim.



IMPORTANT : NEVER position an LCD/ Plasma TV above this appliance.

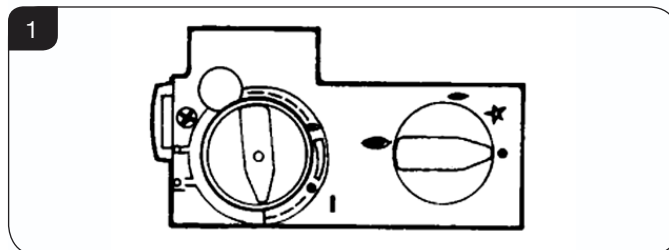
- 1.3 Do not place curtains above the appliance: You must have 300mm (1') clearance between the appliance and any curtains at either side.
- 1.4 No furnishings or other objects should be placed within 1 metre of the front of the appliance.
- 1.5 If any cracks appear in the glass panel do not use the appliance until the panel has been replaced.
- 1.6 If, for any reason, the flue has to be removed from the appliance, the seals must be replaced in the inner spigot.
- 1.7 Do not obstruct the flue terminal in any way, i.e. by planting flowers, trees, shrubs etc. in the near vicinity, or by leaning objects against the terminal guard.
- 1.8 Do not put any objects on the terminal guard; it will lose its shape.
- 1.9 If you use a garden sprinkler, do not let quantities of water into the flue terminal.
- 1.10 In the unlikely event the appliance is receiving interference from other electronic devices, the handset/Control box can be reprogrammed. Please consult your Retailer if you think this may be the case.
- 1.11 This product is guaranteed for 2 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.

2. Operating the Appliance

- 2.1 The control valve is at the foot on the right-hand side of the appliance. It has two controls, Diagram 1:
1. The right-hand knob controls the pilot ignition
 2. The left-hand knob controls the main burner
- 2.2 Refer to separate instructions if your appliance is upgraded to include battery remote control. The instructions below apply whether or not you have the remote upgrade.

Lighting the Pilot

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



- 2.4 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

User Instructions

- 2.5 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

- 2.6 If, after repeating the above steps the pilot does not light, contact your Retailer or Installer.
- 2.7 Turn the right-hand knob to the left to main burner setting (👁️)

Adjusting the Flame height

- 2.8 You can now adjust the flame height and temperature using the left-hand control knob.
- 2.9 Turn the left-hand knob anti-clockwise to increase the flame height
- 2.10 Turn clockwise to decrease the 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.

3. Turning OFF the Appliance

- 3.1 To turn the main burner off turn the left-hand knob until it points to off (●). Just the pilot remains lit.
- 3.2 Press in and turn the right-hand knob until it points to off (●). The pilot goes out.

4. Upgrading the Appliance

- 4.1 The appliance is fitted with a control valve that can easily be upgraded to battery powered remote control. There are two versions of this control which can be obtained through your local Gazco stockist. There is no requirement for this upgrade to be carried out by an approved Gas engineer. However Gazco recommend that this task is undertaken by a suitably competent person.
- 4.2 This upgrade can be fitted before or after installation but if side clearances are limited then it will be easier to upgrade the appliance before installation. Full instructions are included with the kit.

Standard Remote Control (PART NUMBER 8455)

- 4.3 This remote control can control the gas appliance after the pilot has been lit. It can turn the main burner on and regulate it from low through to high and back again. It can turn the main burner off leaving the pilot burning.

Thermostatic and Timer Remote Control (PART NUMBER 8456)

- 4.4 This remote control can control the gas appliance after the pilot has been lit.

MANUAL MODE

Can be used to turn the main burner on and manually regulate it from low through to high and back again. It can also be used to turn the main burner off leaving the pilot burning.

AUTO MODE

Will automatically regulate the room to a pre-set temperature.

TIMER MODE

Will turn the appliance on and off according to a pre-set programme and automatically regulate the room temperature during the two on periods.

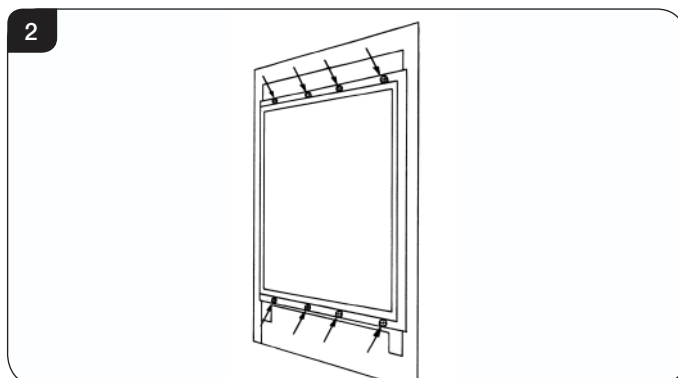
5. Cleaning The Appliance

ENSURE THE FIRE IS COLD BEFORE PROCEEDING

- 5.1 Refer to the separate Frame Instructions to remove the frame from the fire.

5A. Cleaning The E-Studio

- 5.2 Remove the glass window by unscrewing the 8 screws in the glass window frame, see Diagram 2.



- 5.3 To clean the glass surface, Gazco recommends you use a ceramic glass product generally sold for cleaning ceramic hobs.

Remove the granite chippings and place on a dry clean surface. Do not remove the enamel back panel. Use a damp cloth and mild non-abrasive cleaner on the enamel back panel.

Clean the burner and tray assembly using a vacuum cleaner with a soft brush attachment.

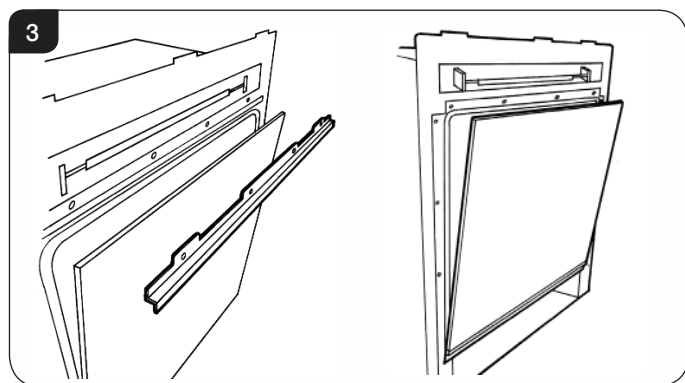
Ensure all debris is removed from the burner ports. Replace the granite chippings by referring to Section 6A for E-Studio.

User Instructions

5B. Cleaning The E-Box

- 5.4 Remove the glass window by loosening the four screws in the lower retaining bracket.

Remove the four top screws and retaining bracket. The glass window can now be lifted clear, see Diagram 3.



- 5.5 To clean the glass surface, Gazco recommends you use a ceramic glass product generally sold for cleaning ceramic hobs.

Remove the ceramic coals or pebbles and fuel bed and place on a dry clean surface.

Clean the burner and tray assembly using a vacuum cleaner with a soft brush attachment.

Ensure all debris is removed from the ports.
Replace the ceramics by referring to section 6B.

Advice on handling and disposal of fire ceramics



The fuel effect and side panels in 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.

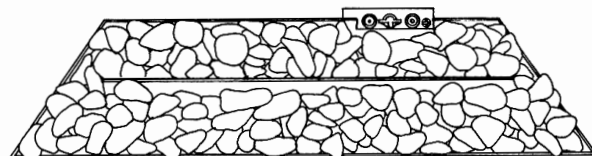
Excessive exposure to these materials may cause temporary irritation to eyes, skin and respiratory tract; wash hands thoroughly after handling the material.

6A. Arrangement of the fuel bed components - E-Studio

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

- 6.1 Arrange the granite chippings in the areas highlighted in Diagram 4. Granite chippings should be evenly distributed.

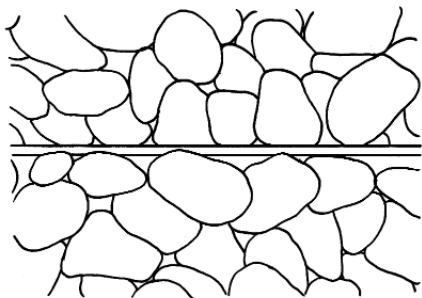
4



User Instructions

Lean the granite chippings against the burner ledges to disguise the ledges, see Diagram 5.

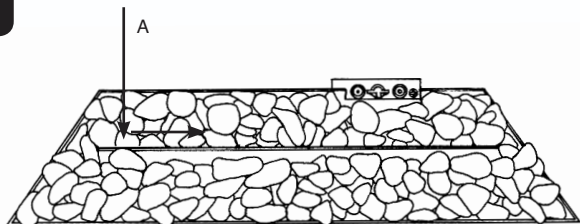
5



Check that the port area, see Arrow A, Diagram 6, is clear of granite chippings. This can be easily done by gently running a screwdriver or similar object along this area.

NOTE: IT IS IMPORTANT THE GRANITE CHIPPINGS DO NOT COVER THE PORT AREA IN BETWEEN THE BURNER LEDGES.

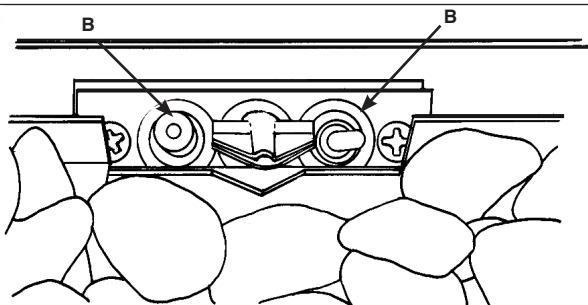
6



Ensure that no chippings overhang or fill the pilot area, see Arrow B, Diagram 7.

NOTE: CHIPPINGS SHOULD NOT BE PLACED DIRECTLY IN FRONT OF THE PILOT CROSS LIGHTING FLAME.

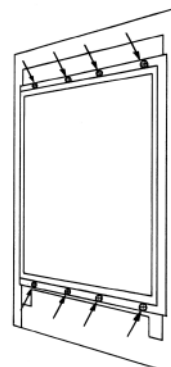
7



Fitting the Glass Window - E-Studio

- 6.2 Ensure that the fibre glass window seal on the box is intact. Replace the one-piece glass window frame, ensuring that all 8 fixings are tight, see Diagram 8.

8



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

Refer to the separate Frame Instructions to replace the frame on the fire.

6B. Arrangement of the fuel bed components - E-Box

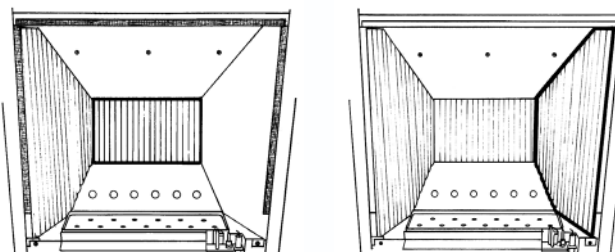
NOTE: CERAMIC PARTS ARE FRAGILE. HANDLE WITH CARE

ONLY USE THE CORRECT TYPE AND QUANTITY OF CERAMIC COMPONENTS

- 6.3 Place the rear panel against the rear of the box resting on the shelf.
Slide one of the side panels into the box ensuring it touches the rear panel .
Gently ease the front edge of the side panel behind the flange so it lies flat against the wall of the box.

Repeat with the second side panel, see Diagram 9.

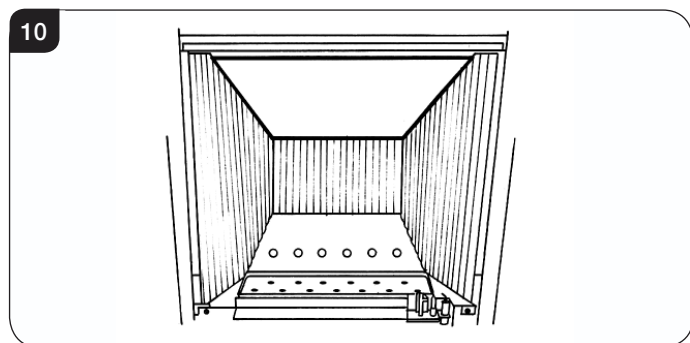
9



Locate the top panel on top of the sides and rear by lifting it up and forward inside the box.

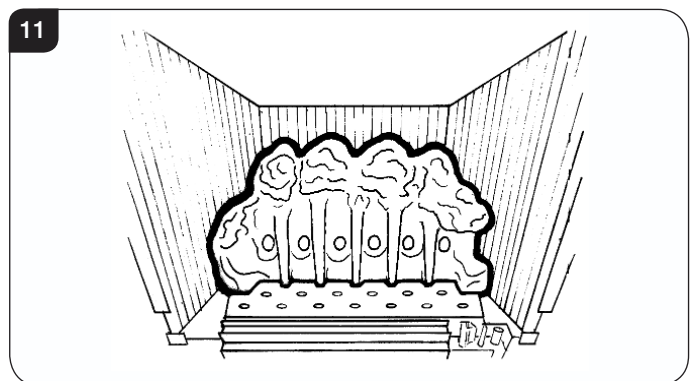
User Instructions

Slide it backwards and down behind the side panels to rest on the rear panel, see Diagram 10.

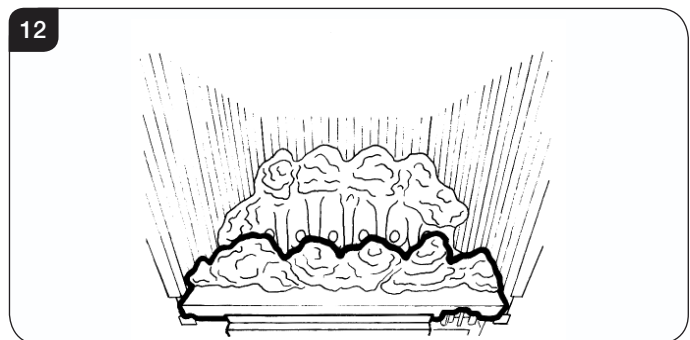


Coal Layout

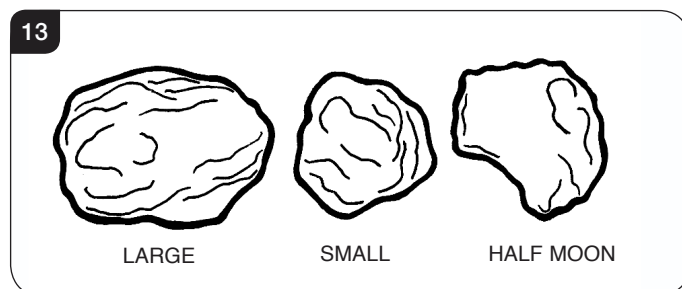
6.4 Position the flame baffle centrally on the tray and ensure the stepped lower edge engages against the rear edge of the burner skin, see Diagram 11.



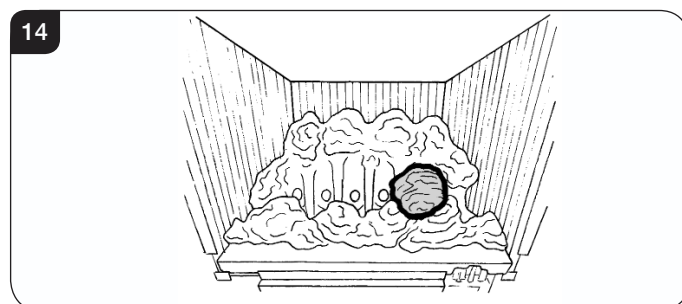
Place the front coal centrally in the channel at the front of the tray. The relationship between the front coal and the flame baffle is shown, see Diagram 12.



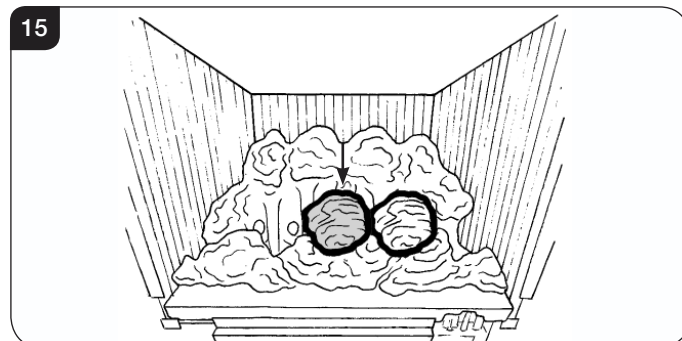
6.5 There are three sizes of coal used: 3 x Large, 4 x Small and 1 x Half Moon shaped. For identification, see Diagram 13.



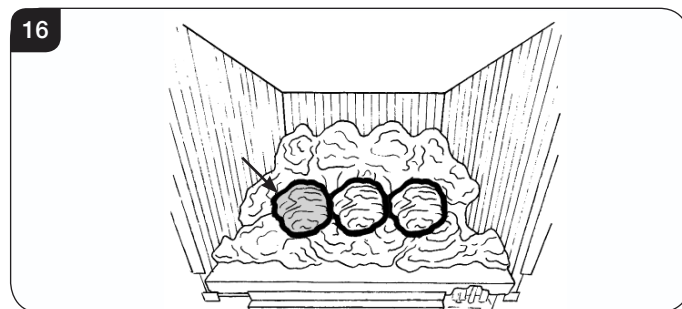
Place a single large coal in the right hand dent of the front coal resting against the flame baffle, see Diagram 14.



Place a second single large coal in the middle dent of the front coal resting against the flame baffle, see Diagram 15.

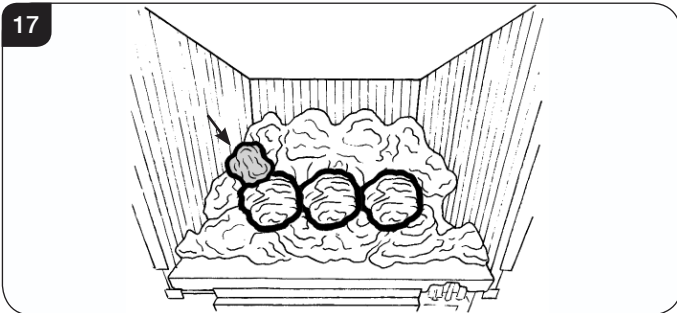


Place the third large coal next to the first middle coal and against the flame baffle, see Diagram 16.

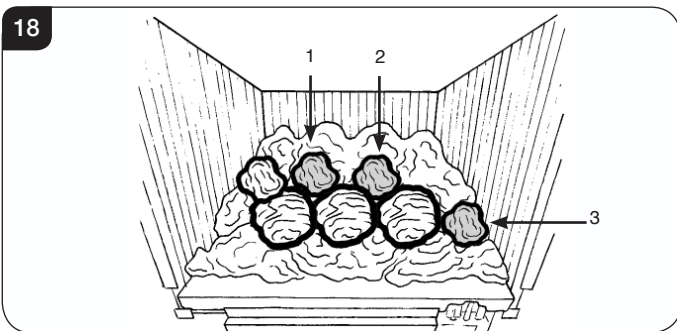


User Instructions

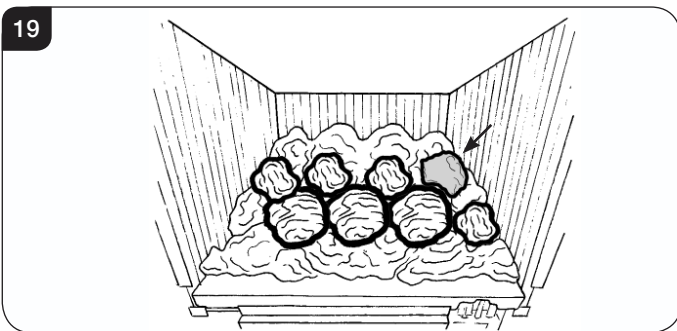
Place a small coal directly behind the first large coal, and rest it on the flame baffle, see Diagram 17.



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 18.

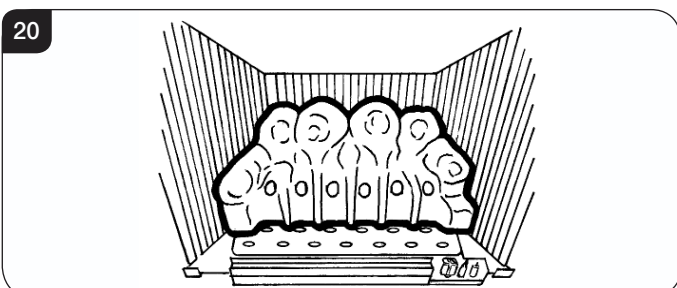


Finally position the Half Moon coal on the top right as shown, see Diagram 19.

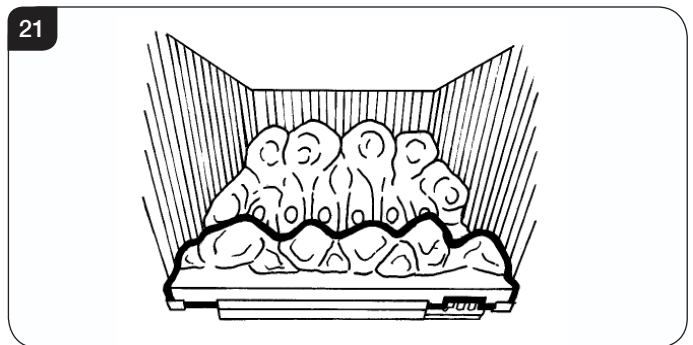


Pebble Layout

Position the pebble flame baffle centrally on the tray and ensure the stepped lower edge engages against the rear edge of the burner skin, Diagram 20.



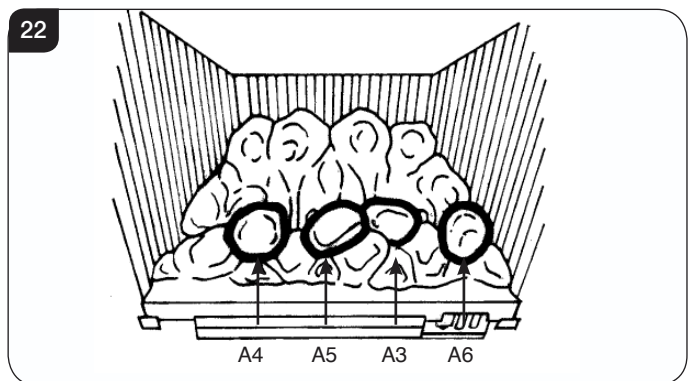
Place the front pebble piece centrally in the channel at the front of the tray, see Diagram 21.



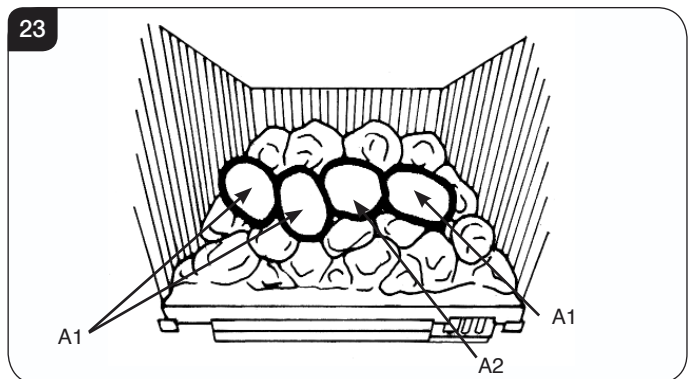
6.6 There are 10 loose pebbles in the set supplied. Each pebble is individually marked. The quantity of each type is shown below.

A1 x 3	A4 x 1
A2 x 1	A5 x 1
A3 x 3	A6 x 1

Place the four pebbles as identified resting between the front ceramic and the flame baffle as shown, see Diagram 22.

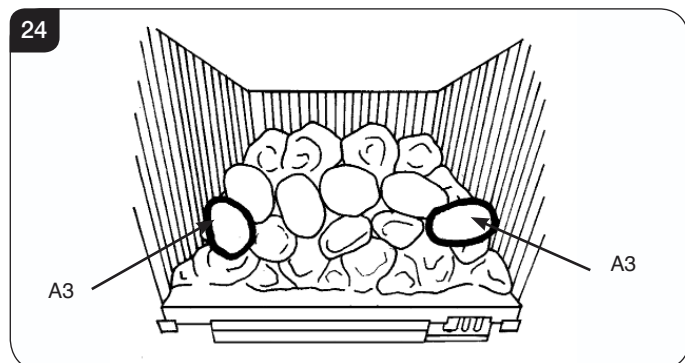


Place the next four pebbles as shown resting between the flame baffle and the first row of pebbles, see Diagram 23.



User Instructions

Place the remaining two A3 pebbles as shown in Diagram 24.



- 6.7 The coals/pebbles should evenly cover the whole bed with the gaps between them kept equal. This will maximise the performance of the product.
- 6.8 **ENSURE THAT THE COALS/PEBBLES ARE POSITIONED AS ABOVE. ONLY USE THE CORRECT AMOUNT OF COALS/PEBBLES AS SPECIFIED IN THE DIAGRAMS.**

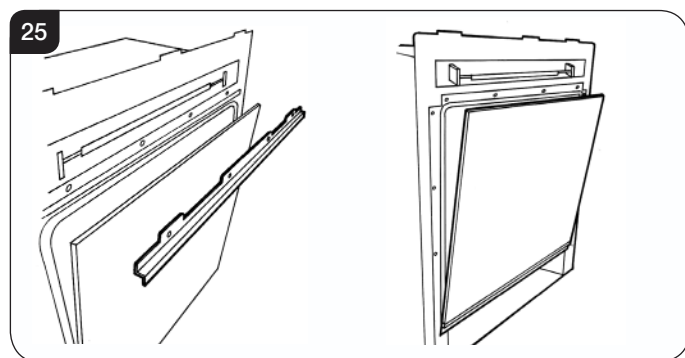
Fitting the Glass Window - E-Box

- 6.9 Ensure that the fibre glass window seal on the box is intact, then lower the glass window into the lower retaining bracket.

Hold the window and position the upper retaining bracket .

Secure using the 4 screws.

Tighten the bottom and top screws to retain the window, see Diagram 25.



Refer to the separate Frame Instructions to replace the frame on the fire.

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

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.

8. Running In

- 8.1 During initial use of a new Yeoman 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 fire must be serviced every 12 months by a qualified Gas Engineer. In all correspondence always quote the Model number and the Serial number which may be found on the databadge.

10. Ventilation

- 10.1 This appliance requires no additional ventilation.

11. Installation Details

- 11.1 To assist in any future correspondence, 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. It is therefore recommended that a suitable fire guard be used for protection of young children and the infirm. Indeed, all parts of the appliance should be treated as a 'working surface' except for the control access panel.

Installation Instructions

Technical Specification

Covering the following models:

E-STUDIO
8692BFCHUC
P8692BFCHUC

Gas Category		I ₂ H	I ₃ P
		Natural	Propane
Gas Type		G20	G31
Working Pressure		20mbar	37mbar
Gross Input kW	High	4.3kW	3.75kW
	Low	2.5kW	2.3kW
Gas Rate m ³ /hr		0.401	0.138
Efficiency Class		2	2
NO _x Class		4	4
Injector Size		158	170R
Aeration Size		8mm x 15mm	23mm x 15mm
			23mm x 15mm
Flue Outlet Size		100mm Ø/152mm Ø	
Gas Inlet		8mm	

Applicable Fronts

Front	Part Number
Designio	8272BFMA + 8272BFIR + 8272BFGP
Progress	8253BFMA + 8253BFIR
Dimension	8680MB
Steel	8695GP + 8695IR
Evolution	8258BS + 8258MB
Arts	8282MB + 8282HP + 8282P + 8282PBR
Steel	8695GP + 8695IR
Futura	8687BK
Fusion	8699GP + 8699IR
Winchester	8697MB + 8697P

Applicable Frame & Front Combinations

Finish	Arts Frame	Arts Front
Black	8283BFMB	8282MB
Brass	8283BFPBR	8282PBR
Brushed Steel	8283BFBS	-
Polished Steel	8283BFP	-
Highlight Polished	-	8282HP
Chrome	-	8282P

Installation Instructions

Technical Specification

Covering the following models:

E-BOX - COAL EFFECT	E-BOX - PEBBLE EFFECT
8692MCUC	8692PBUC
P8692MCUC	8692PBUC

Gas Category		I ₂ H	I ₃ P
		Natural	Propane
Gas Type		G20	G31
Working Pressure		20mbar	37mbar
Gross Input kW	High	4.1kW	4.1W
	Low	2.3kW	2.5kW
Gas Rate m ³ /hr		0.390	0.154
Efficiency Class		1	1
NO _x Class		3	3
Injector Size		260	104
Aeration Size		12mm x 15mm	3mm Ø
			23mm x 15mm
Flue Outlet Size		100mm Ø/152mm Ø	
Gas Inlet		8mm	

Applicable Fronts

Front	Part Number	Front	Part Number
Designio	8272MA + 8272GP + 8272IR	Stockton	8696
Evolution	8258BS + 8258MB + 8258BS	Yeoman	YM98906
Infinity	8256BS	Holyrood	8693MB + 8693PBB + 8693HP
Progress	8253MA + 8253IR	Spanish	8694MB + 8694PBB + 8694HP
Richmond	8679	Futura	8687BK
Dimension	8680MB	Fusion	8699GP + 8699IR
Arts	8282MB + 8282HP + 8282P + 8282PBR	Winchester	8697MB + 8697P

Applicable Frame & Front Combinations

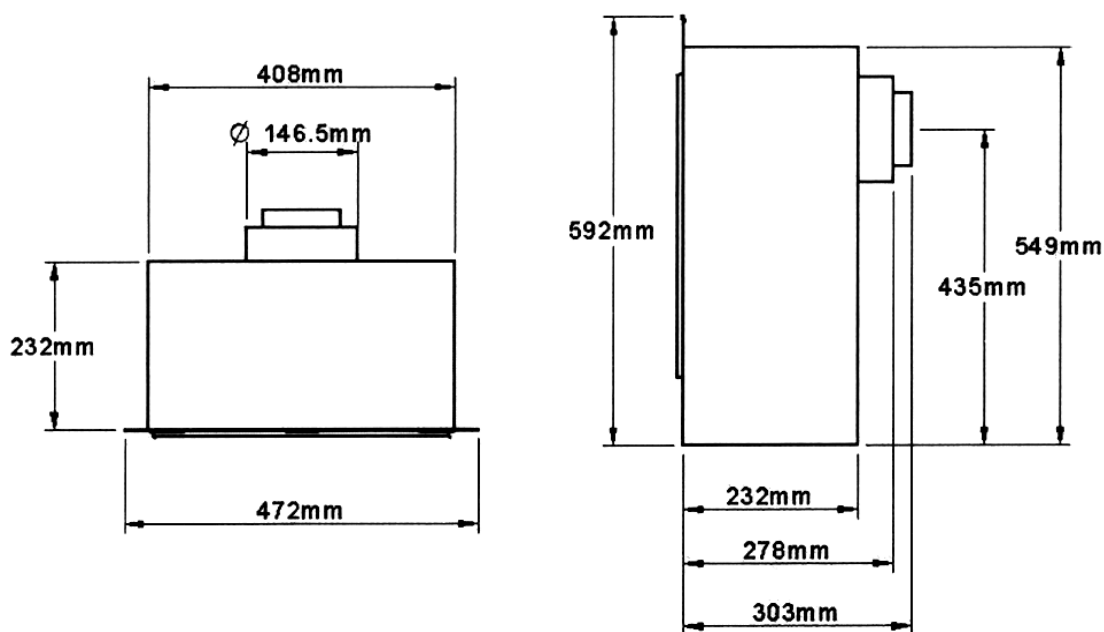
Finish	Arts Frame**	Arts Front	Holyrood Front	Spanish Front
Black	8283MB	8282MB	8693MB	8694MB
Brass	8283PBR	8282PBR	-	-
Black/Brass	-	-	8693PBB	8694PBB
Brushed Steel	8283BS	-	-	-
Polished Steel	8283P	-	-	-
Highlight Polished	-	8282HP	8693HP	8694HP
Chrome	-	8282P	-	-

** The Arts Frame must be used in conjunction with either the Arts, Holyrood or Spanish Front.

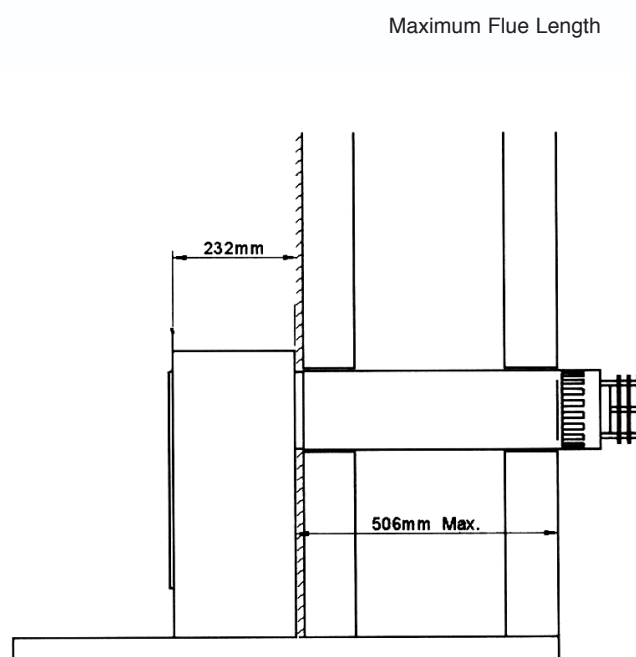
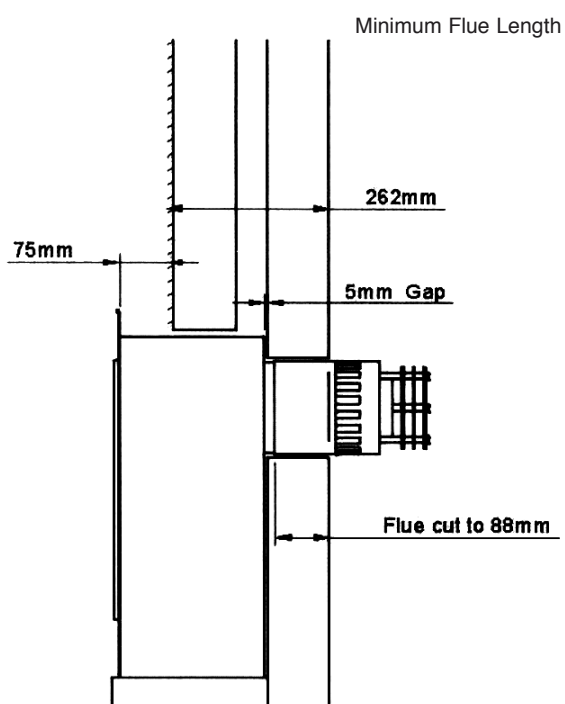
Installation Instructions

Technical Specification

Overall external dimensions for both E-Studio & E-Box



Minimum & Maximum flue size



Installation Instructions

Site Requirements

1. Flue & Chimney Requirements

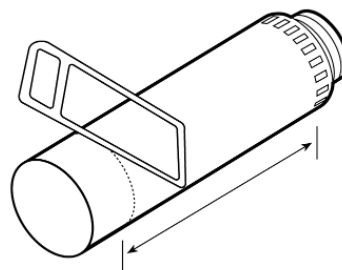
Note: This appliance must only be installed with the flue supplied.

You must adhere to the following:

- 1.1 The flue must be sited in accordance with BS5440: Part 1, see Diagram 1.
- 1.2 Fit a guard to protect people from any terminal less than 2 metres above any access such as level ground, a balcony or above a flat roof.
- 1.3 All vertical and horizontal flues must be securely fixed and fire precautions followed in accordance with local and national codes of practice.

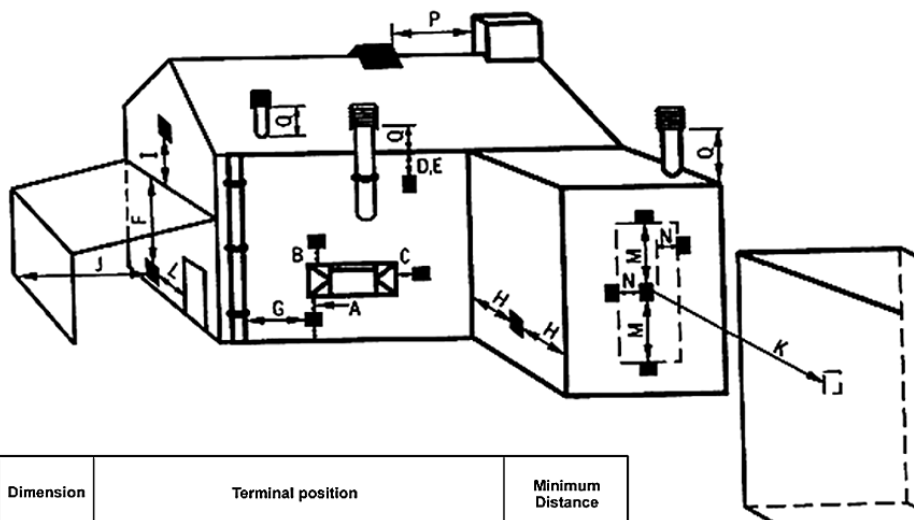
- 1.4 The horizontal terminal can be reduced in length, see Diagram 2.

2



1

UK Dimensions



Dimension	Terminal position	Minimum Distance
A*	Directly below an opening, air brick, opening windows, etc.	600mm
B*	Above an opening, air brick, opening windows, etc.	300mm
C*	Horizontally to an opening, air brick, opening windows etc.	400mm
D	Below gutters, soil pipes or drain pipe	300mm
E	Below eaves	300mm
F	Below balconies or car port roof	600mm
G	From a vertical drain pipe or soil pipe	300mm
H	From an internal or external corner	600mm
I	Above group roof or balcony level	300mm
J	From a surface facing the terminal (also see 6.1.2)	600mm
K	From a terminal facing the terminal	600mm
L	From an opening in the car port (e.g. door, window) into the dwelling	1200mm
M	Vertically from a terminal on the same wall	1500mm
N	Horizontally from a terminal on the same wall	300mm
O	From the wall on which the terminal is mounted	N/A
P	From a vertical structure on the roof	600mm
Q	Above intersection with roof	300mm

* In addition, the terminal should not be nearer than 300mm to an opening in the building fabric formed for the purpose of accommodating a built-in element such as a window frame

Installation Instructions

Site Requirements

TIMBER FRAMED BUILDINGS

- 1.5 It will be necessary to provide additional clearance when the flue passes through a wall containing any combustible materials so as to prevent a fire hazard.
- 1.6 The hole through which the flue will pass, must have a steel sleeve which is positioned so that an air gap of at least 25mm is maintained between the outer surface of the flue, and any part of the sleeve.
- 1.7 For further guidance on the installation of gas appliances in timber framed buildings, contact your local buildings control authority.

2. Gas Supply

- 2.1 Before installation, ensure that the local distribution conditions (identification of the gas type and pressure) and the adjustment of the appliance are compatible.
- 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.
- 2.3 Factory-sheathed/wrapped soft copper tubing with small ridges which allow pipe movement are considered to be a suitable alternative to a pipe sleeve, when recessing the unit into a cavity wall the gas supply is best fed through the wall from the outside. Soft soldered joints can only be used outside the appliance.
- 2.4 This appliance is supplied complete with a factory fitted isolation device incorporated into the inlet connection. No further isolation device is therefore required.

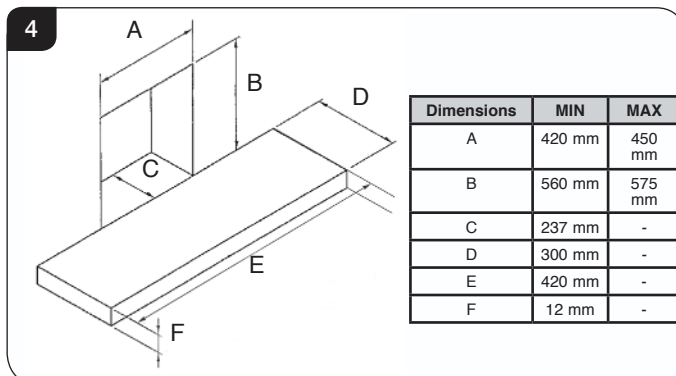
3. Ventilation

- 3.1 This appliance requires no additional ventilation.

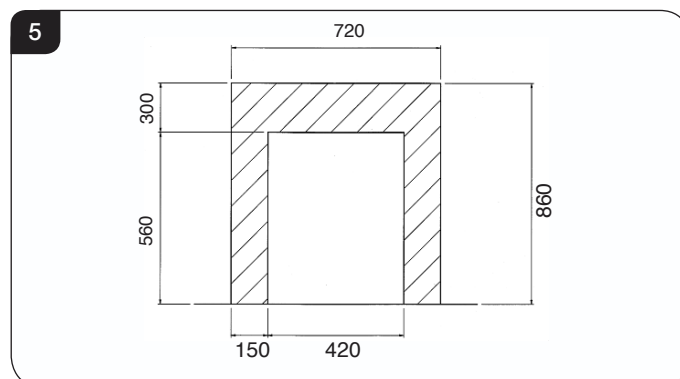
4. Appliance Location

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.

- 4.1 This appliance must stand on a non combustible hearth that is at least 12mm thick. If the fire 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.
- 4.2 The minimum opening dimensions are shown, see Diagram 4.



- 4.3 This appliance can only be installed on an outside wall with suitable clearances for the flue terminal and guard (if required).
- 4.4 This appliance is not suitable for installation into a combustible wall. All combustible material must be removed from the area shown, see Diagram 5.



- 4.5 The maximum depth of combustible shelf is 150mm at a minimum height of 300mm above the fireplace opening.

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.



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 16, REPLACING PARTS.

Unpacking

- 1.6 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. Upgrading the Appliance

- 2.1 The appliance is fitted with a control valve that can easily be upgraded to battery powered remote control. There are two versions of this control which can be obtained through your local Gazco stockist. There is no requirement for this upgrade to be carried out by an approved Gas engineer. However Gazco recommend that this task is undertaken by a suitably competent person.
- 2.2 This upgrade can be fitted before or after installation but if side clearances are limited then it will be easier to upgrade the appliance before installation. Full instructions are included with the kit.

Standard Remote Control (PART NUMBER 8455)

- 2.3 This remote control can control the gas appliance after the pilot has been lit. It can turn the main burner on and regulate it from low through to high and back again. It can turn the main burner off leaving the pilot burning.

Thermostatic and Timer Remote Control (PART NUMBER 8456)

- 2.4 This remote control can control the gas appliance after the pilot has been lit.

MANUAL MODE

Can be used to turn the main burner on and manually regulate it from low through to high and back again. It can also be used to turn the main burner off leaving the pilot burning.

AUTO MODE

Will automatically regulate the room to a pre-set temperature.

TIMER MODE

Will turn the appliance on and off according to a pre-set programme and automatically regulate the room temperature during the two on periods.

4. Installation of the Gas Supply

E-Studio BF

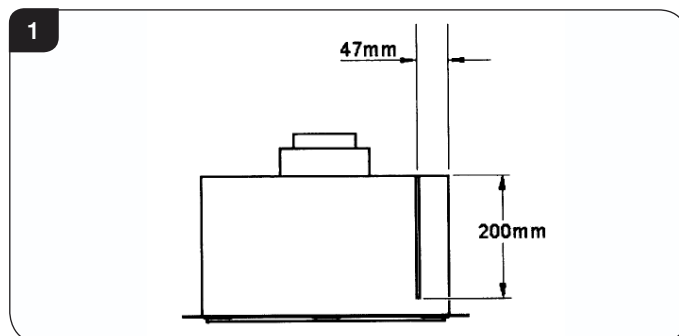
NAT GAS @ 20MB	PROPANE @ 37mb
8692BFCHUC	P8692BFCHUC

E-Box BF

NAT GAS @ 20MB	PROPANE @ 37mb
8692MCUC	P8692MCUC
8692PBUC	P8692PBUC

TO CHANGE FROM ONE GAS TYPE TO ANOTHER A COMPLETE ENGINE ASSEMBLY WILL BE REQUIRED. SEE SECTION 12 REPLACING PARTS.

- 4.1 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 table above.
- 4.2 The position of the gas inlet pipe is shown, see Diagram 1.



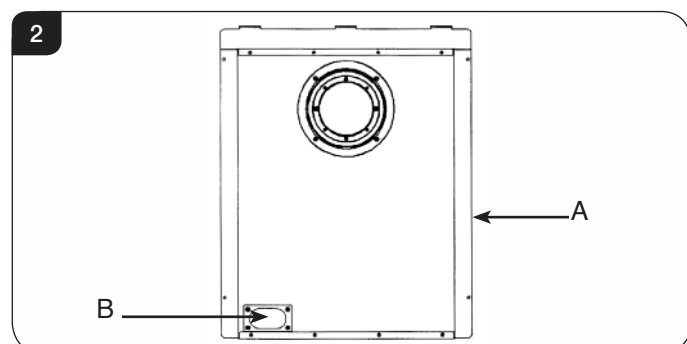
- 4.3 All supply pipes must be purged of any debris that may have entered, prior to connection to the appliance.

Installation Instructions

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

5. Preparing the appliance

- 5.1 Remove the backing from the self-adhesive silicone sealing strip and apply to the rear flange of the firebox ensuring that the strip is positioned as close to the outer edge as is practically possible, Diagram 2, arrow A.

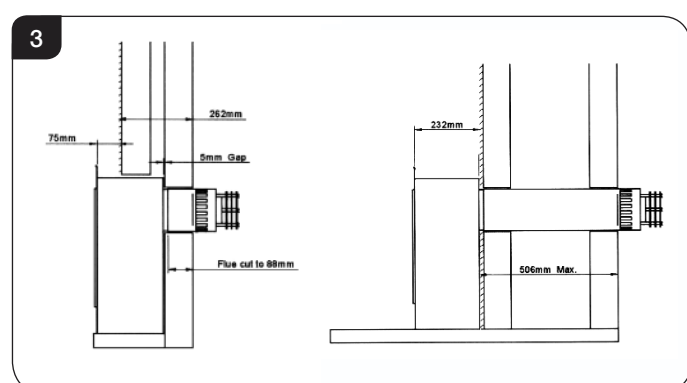


- 5.2 Gas pipe entry must come through the rear right-hand side of the box. The rubber seal must be cut using a sharp knife to allow the isolating elbow to pass through it.

Ensure the rubber is not damaged when doing this, Diagram 1, arrow B.

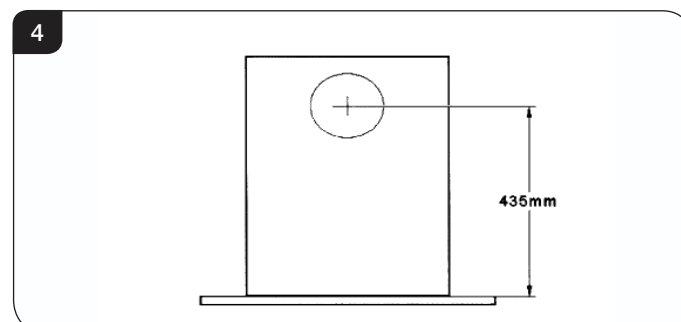
A means of isolation is provided with the appliance. This must be fitted to the supply pipe prior to installing the firebox.

The appliance can either be recessed into an inner leaf of the wall. A 75mm rebate surround must be used with this method. Or it can be installed in front of the wall in conjunction with a fire surround constructed of a studwork frame, see Diagram 3 for options.



6. Non Recessed Installation

- 6.1 Mark the position of the flue on the inner wall by measuring from the top of the finished hearth level, Diagram 4.



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

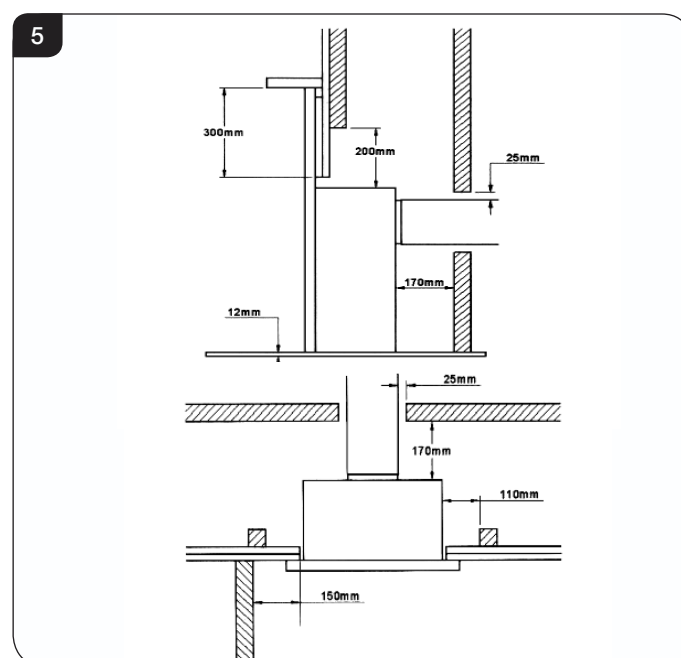
- a) Core drill
- b) Hammer and chisel.

It is advisable to drill small holes around the circumference when using method b. Make good both ends of the hole.

- 6.3 It will now be necessary to construct a studwork frame to house the appliance. The minimum depth of the aperture must be 237mm. This includes an air gap of 5mm behind the appliance. The sides must be lined with non-combustible material for the full depth of the aperture.

- 6.4 Combustible parts of the studwork frame must not be any closer than the minimum dimensions shown in Diagram 4. These dimensions need to be maintained even if the frame work is protected by non combustible material.

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



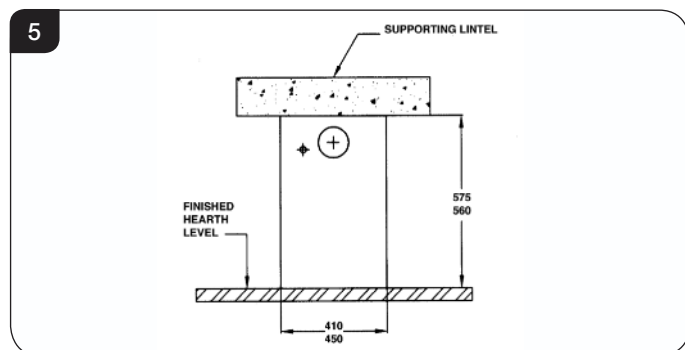
- 6.6 The void into which the appliance is fitted must be ventilated to prevent a build up of heat. If the void is sealed then it will be necessary to fit vents at both low and high levels of approximately 50cm². These vents should take cold air from the room and return warm air back into the room.

Installation Instructions

This method of installation requires structural alteration to the intended location. A suitable supporting lintel must be installed to maintain the structural integrity of the surrounding blockwork.

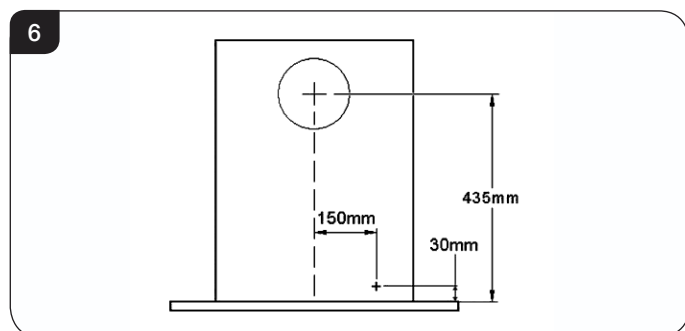
7. Recessed Installation

- 7.1 Mark the position of the lintel so that it sits centrally over the intended installation. Remove the blockwork and install the lintel using mortar to ensure a strong bond with the surrounding wall, see Diagram 5.



- 7.2 With the lintel in position mark the width of the aperture and remove the blockwork. If there is loose cavity insulation this must be retained. This can be achieved by using Rockwool or similar, see Diagram 5.

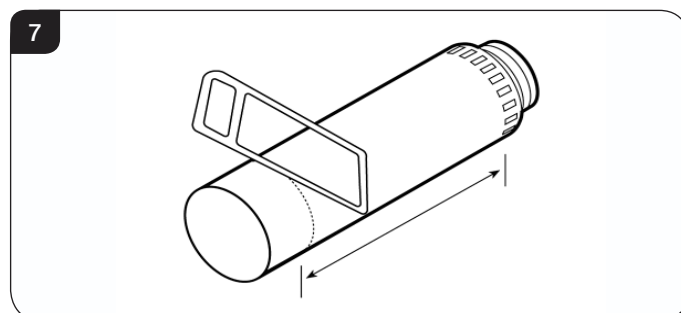
- 7.3 Mark the position of the flue on the wall by measuring from the top of the finished hearth level, see Diagram 6.



- 7.4 A 152mm (6") diameter hole is required to install the flue. This can be achieved by either:
a) Core drill
b) Hammer and chisel
It is advisable to drill small holes around the circumference when using method b. Make good both ends of the hole.

8. Installation if the appliance

- 8.1 The flue can be cut to length, measure the thickness of the wall the flue is passing through, then deduct 12mm. This is the length required when measuring from the line on the flue label. This must be level with the outside wall face when fitted, see Diagram 7.



- 8.2 There is a cardboard fitment in the terminal. This is to support the flue whilst it is cut to length. **REMOVE THE REMAINDER OF THE CARDBOARD AFTER CUTTING TO SIZE**

Remove the compression elbow from the appliance and connect it to the gas supply pipe, taking note of its orientation.

Attach the flue to the appliance and seal using the aluminium tape provided.

- 8.3 As the appliance is positioned into the opening of the enclosure, pass the flue pipe through the hole in the wall. It will be necessary to pass the supply pipe with the elbow through the silicone panel on the right hand side of the box.

Secure the appliance in place using screws and rawl plugs provided.

PURGE THE SUPPLY PIPE. This is essential to expel any debris that may block the gas controls. Connect the elbow to the appliance inlet pipe.

- 8.4 Connect a suitable pressure gauge to the test point located on the inlet elbow and turn the gas on.

Light the appliance and check for leaks.

Turn the appliance to maximum and check that the supply pressure is as stated on the databadge.

Turn the gas supply off and replace the test point screw.

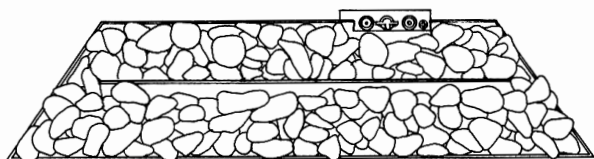
Turn the gas on and check the test point for leaks.

9A. Arrangement of the fuel bed components - E-Studio

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

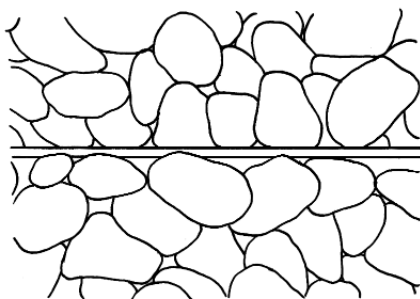
- 9.1 Arrange the granite chippings in the areas highlighted in Diagram 4. Granite chippings should be evenly distributed.

8



Lean the granite chippings against the burner ledges to disguise the ledges, see Diagram 9.

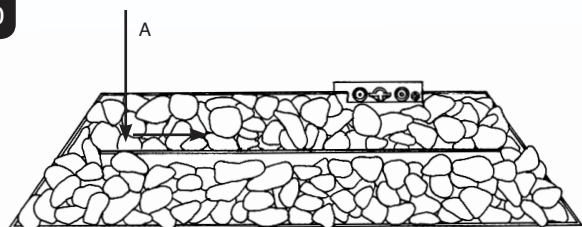
9



Check that the port area, see Arrow A, Diagram 10, is clear of granite chippings. This can be easily done by gently running a screwdriver or similar object along this area.

NOTE: IT IS IMPORTANT THE GRANITE CHIPPINGS DO NOT COVER THE PORT AREA IN BETWEEN THE BURNER LEDGES.

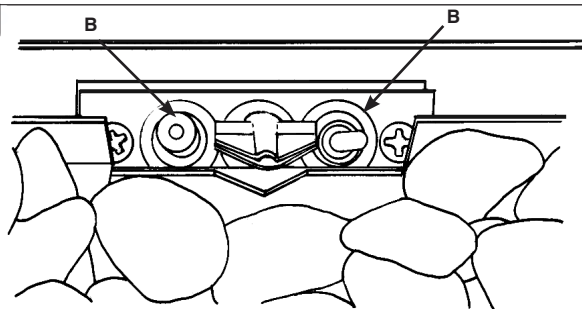
10



Ensure that no chippings overhang or fill the pilot area, see Arrow B, Diagram 11.

NOTE: CHIPPINGS SHOULD NOT BE PLACED DIRECTLY IN FRONT OF THE PILOT CROSS LIGHTING FLAME.

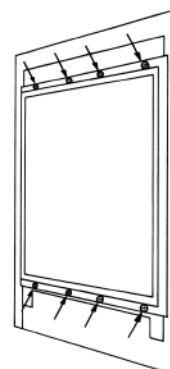
11



Fitting the Glass Window - E-Studio

- 9.2 Ensure that the fibre glass window seal on the box is intact. Replace the one-piece glass window frame, ensuring that all 8 fixings are tight, see Diagram 12.

12



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

Refer to the separate Frame Instructions to replace the frame on the fire.

9B. Arrangement of the fuel bed components - E-Box

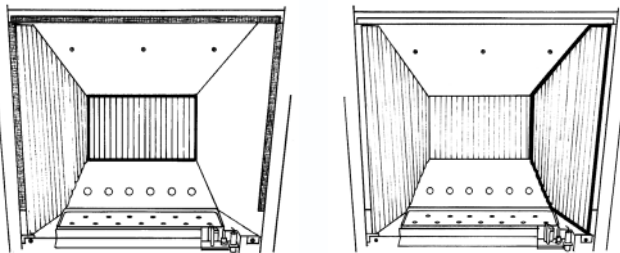
NOTE: CERAMIC PARTS ARE FRAGILE. HANDLE WITH CARE ONLY USE THE CORRECT TYPE AND QUANTITY OF CERAMIC COMPONENTS

- 9.3 Place the rear panel against the rear of the box resting on the shelf. Slide one of the side panels into the box ensuring it touches the rear panel. Gently ease the front edge of the side panel behind the flange so it lies flat against the wall of the box.

Repeat with the second side panel, see Diagram 13.

Installation Instructions

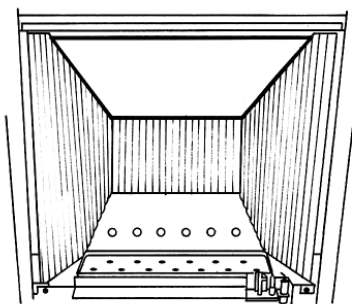
13



Locate the top panel on top of the sides and rear by lifting it up and forward inside the box.

Slide it backwards and down behind the side panels to rest on the rear panel, see Diagram 14.

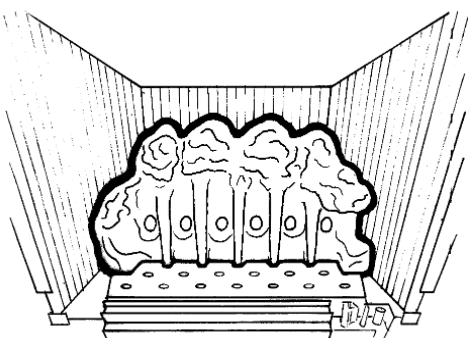
14



Coal Layout

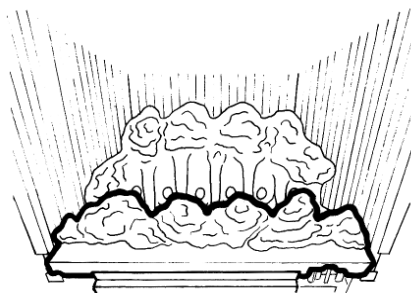
- 9.4 Position the flame baffle centrally on the tray and ensure the stepped lower edge engages against the rear edge of the burner skin, see Diagram 15.

15



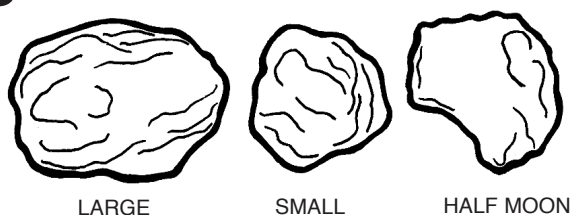
Place the front coal centrally in the channel at the front of the tray. The relationship between the front coal and the flame baffle is shown, see Diagram 16.

16



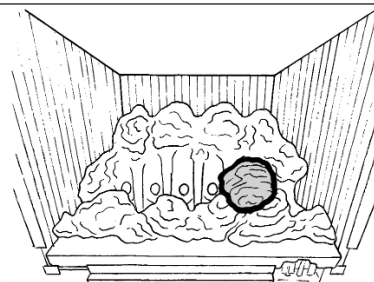
- 6.5 There are three sizes of coal used: 3 x Large, 4 x Small and 1 x Half Moon shaped. For identification, see Diagram 17.

17



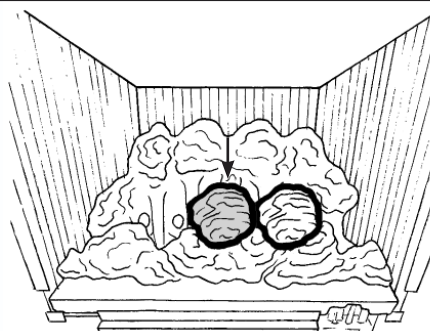
Place a single large coal in the right hand dent of the front coal resting against the flame baffle, see Diagram 18.

18



Place a second single large coal in the middle dent of the front coal resting against the flame baffle, see Diagram 19.

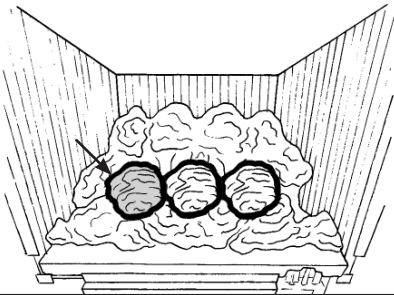
19



Installation Instructions

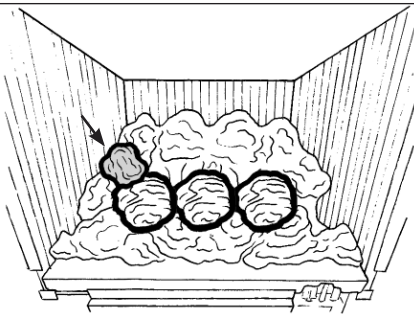
Place the third large coal next to the first middle coal and against the flame baffle, see Diagram 20.

20



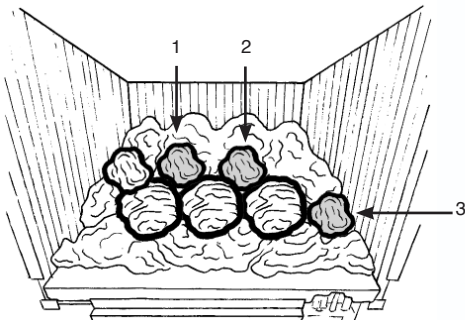
Place a small coal directly behind the first large coal, and rest it on the flame baffle, see Diagram 21.

21



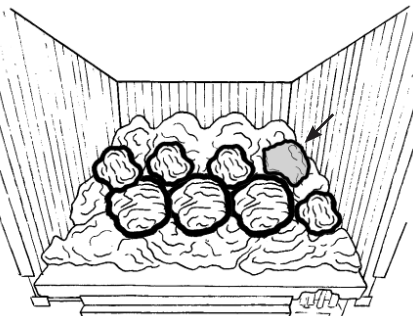
Place two of the remaining small coals in the spaces next to the first. The final small coal sits at the front right next to the large coals, see Diagram 22.

22



Finally position the Half Moon coal on the top right as shown, see Diagram 23.

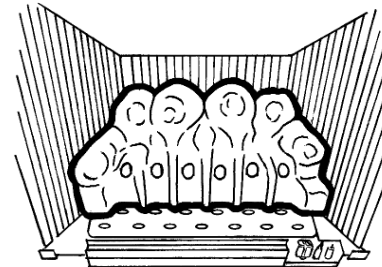
23



Pebble Layout

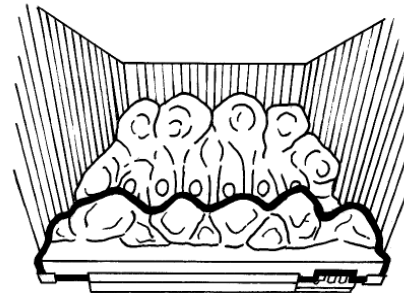
Position the pebble flame baffle centrally on the tray and ensure the stepped lower edge engages against the rear edge of the burner skin, Diagram 24.

24



Place the front pebble piece centrally in the channel at the front of the tray, see Diagram 25.

25

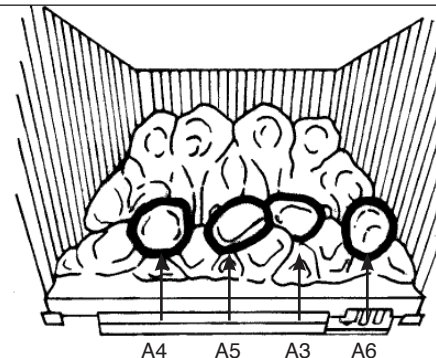


9.6 There are 10 loose pebbles in the set supplied. Each pebble is individually marked. The quantity of each type is shown below.

A1 x 3	A4 x 1
A2 x 1	A5 x 1
A3 x 3	A6 x 1

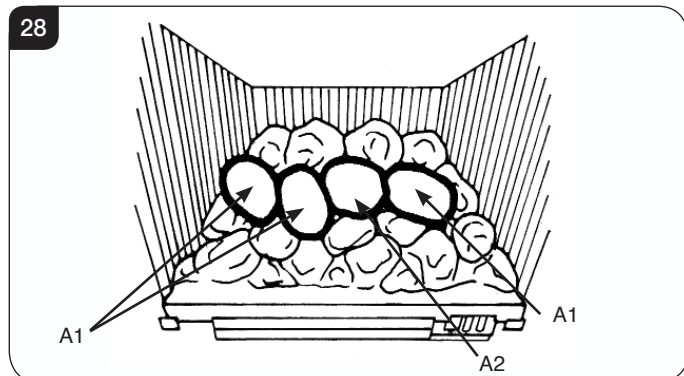
Place the four pebbles as identified resting between the front ceramic and the flame baffle as shown, see Diagram 27.

27

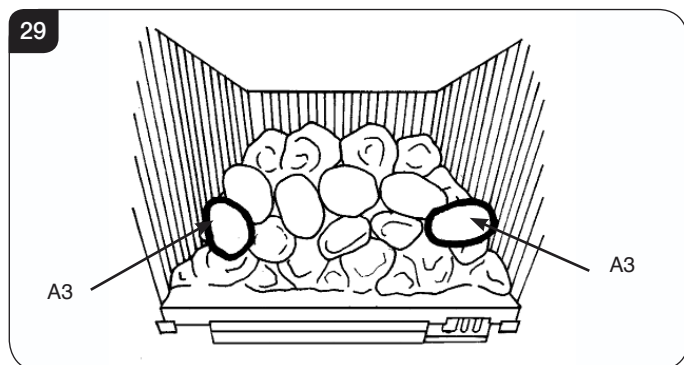


Installation Instructions

Place the next four pebbles as shown resting between the flame baffle and the first row of pebbles, see Diagram 28.



Place the remaining two A3 pebbles as shown in Diagram 29.



9.7 The coals/pebbles should evenly cover the whole bed with the gaps between them kept equal. This will maximise the performance of the product.

9.8 **ENSURE THAT THE COALS/PEBBLES ARE POSITIONED AS ABOVE. ONLY USE THE CORRECT AMOUNT OF COALS/PEBBLES AS SPECIFIED IN THE DIAGRAMS.**

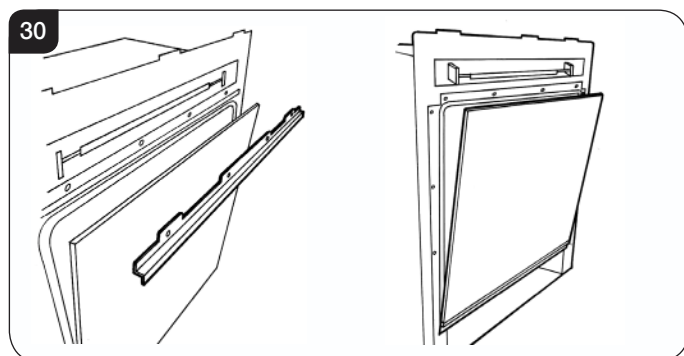
Fitting the Glass Window - E-Box

9.9 Ensure that the fibre glass window seal on the box is intact, then lower the glass window into the lower retaining bracket.

Hold the window and position the upper retaining bracket .

Secure using the 4 screws.

Tighten the bottom and top screws to retain the window, see Diagram 30.



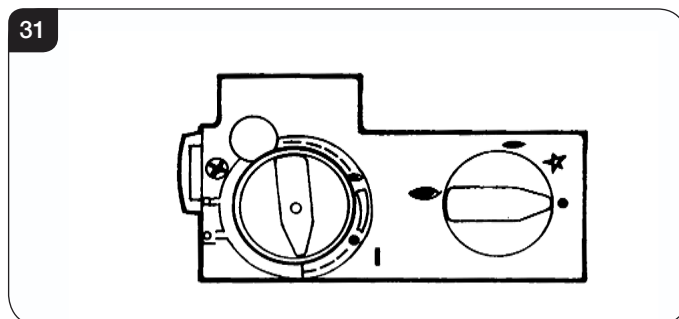
Refer to the separate Frame Instructions to replace the frame on the fire.

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

10. Lighting the appliance

10.1 Locate the control valve on the fire. There are two control knobs on the valve, the right-hand knob controls the pilot ignition and the left hand knob controls the main burner.

10.2 If your fire has already been upgraded to battery remote control, please refer to the instructions provided with the upgrade to operate the remote control. The following instructions will work for either situation.



Ensure that the left-hand control knob is pointing to off (●).

Ensure that the right hand control knob is pointing to off (●).

Press in the right hand control knob and rotate it anti-clockwise until a click is heard (keep pressing in) and the knob is pointing to pilot (☞). The pilot should now light. If the pilot has not lit, repeat the procedure until it does.

Keep the control knob pressed for 10 seconds and then release it, the pilot should stay alight. If the pilot goes out, repeat the procedures until it does.

Turn the right-hand control to point to main burner (☞). The fire can now be controlled using the left-hand control knob.

Turn the left hand control knob to point to low fire (☞), the main burner will light on low. The burner can now be controlled between low and high settings. Turn the control knob anticlockwise increase the flame height and clockwise to decrease the flame height.

THE YELLOW FLAMES WILL APPEAR WHEN THE FIRE HAS GAINED SUFFICIENT HEAT - TYPICALLY 10 TO 20 MINUTES.

Commissioning

1. Commissioning

- 1.1 Complete the Commissioning Checklist at the front of this manual covering:
- Flue checks
 - Gas checks
 - Log/Pebble layout - flame picture
- For working pressure test, use the access panel at the gas connection ensuring the burner is in position.
- 1.2 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.
- 1.3 Guide the user through the User Instructions paying particular attention to:
- a) Regular servicing (Section 12 of the User Instructions).
 - b) Ventilation (Section 13 of the User Instructions) - point out the ventilation positions where applicable.
 - c) Hot surfaces (Section 15 of the User Instructions).
 - d) How the appliance works with the touch pad control (Section 5 of the User Instructions).
 - e) How the appliance works with the remote control handset and the modes of operation (Section 2 of the User Instructions).
 - f) How to change settings in the auto mode and program modes of operation.
 - g) What to do if the appliance fails to operate (Section 16 of the User Instructions).

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 Gas Safe 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 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.

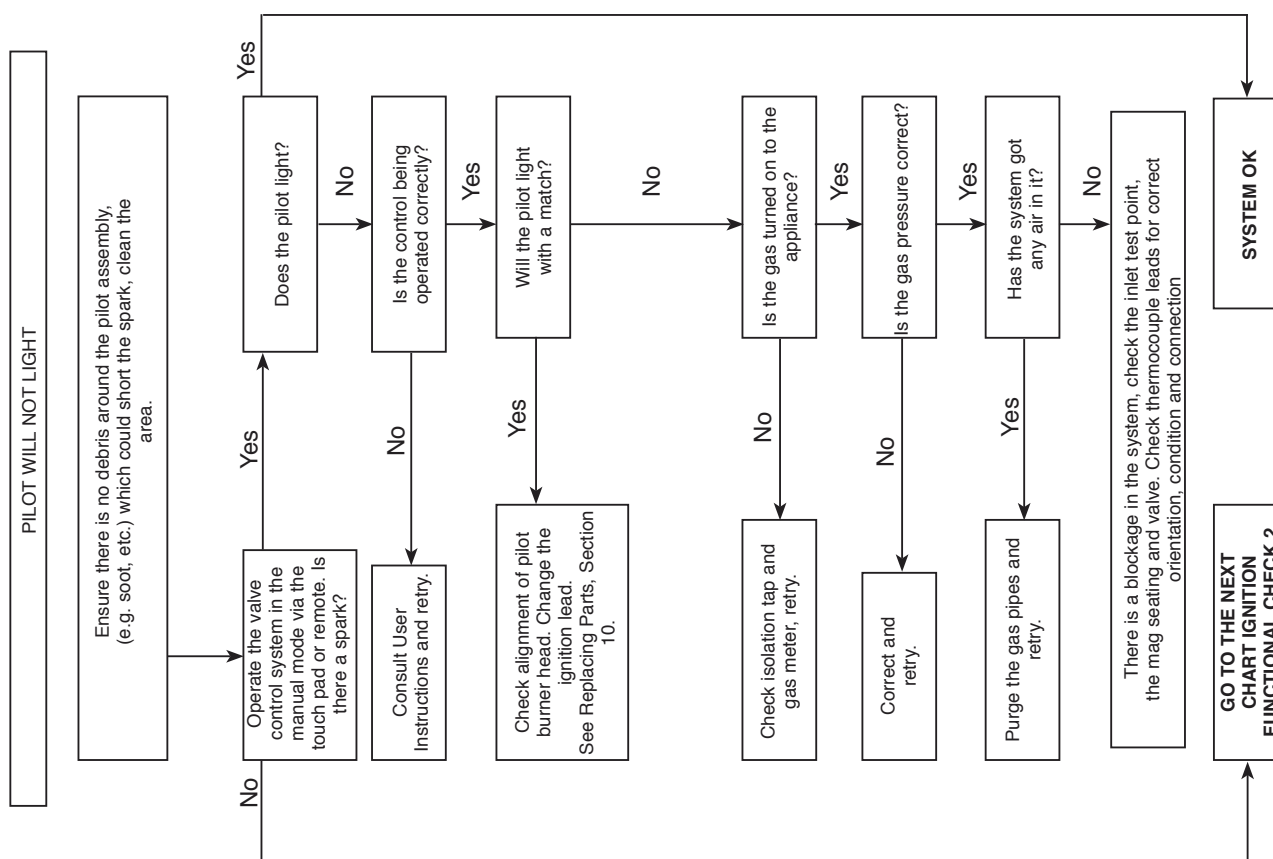
1.3 Correct any faults found during the initial test.

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.

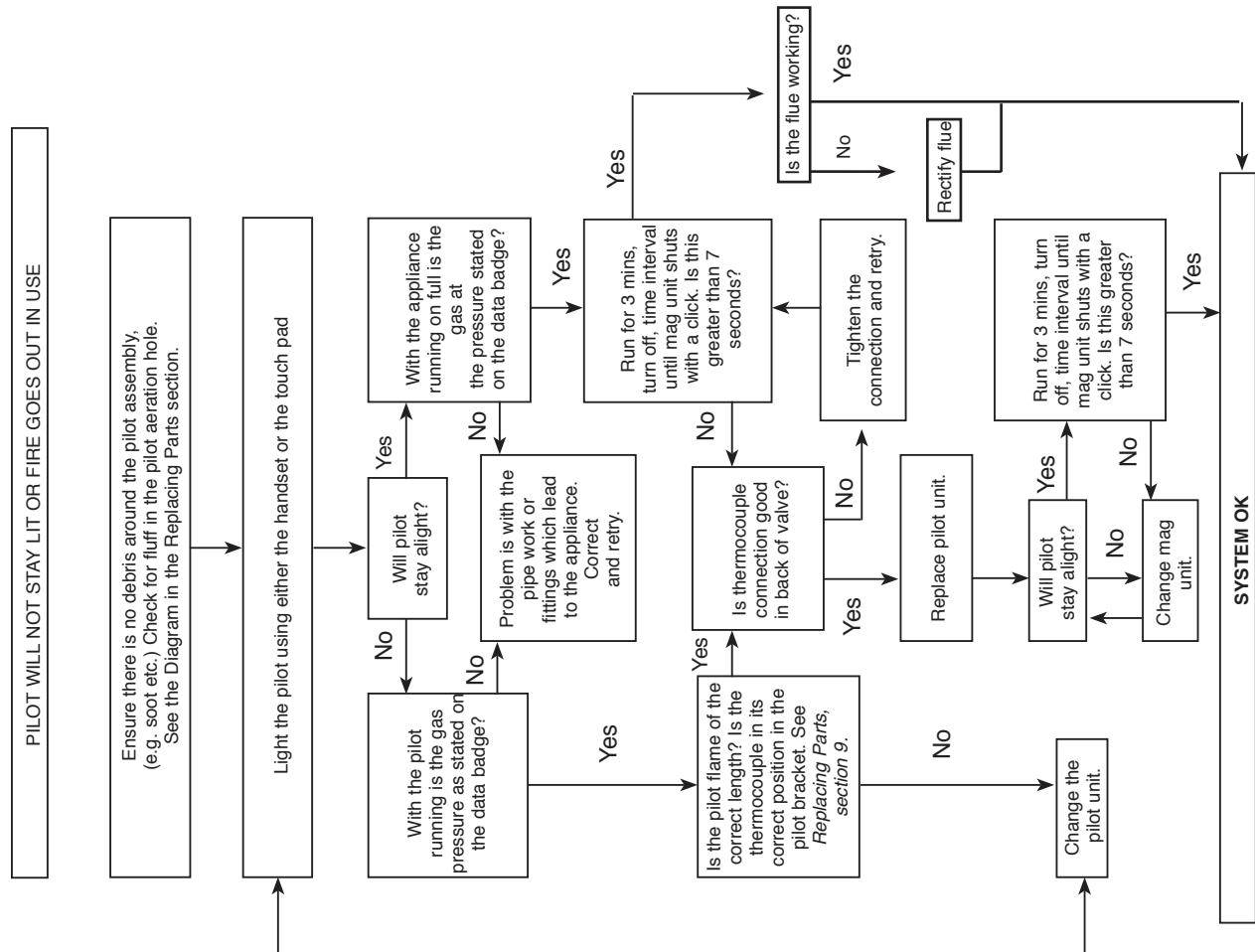
IGNITION FUNCTIONAL CHECK 1



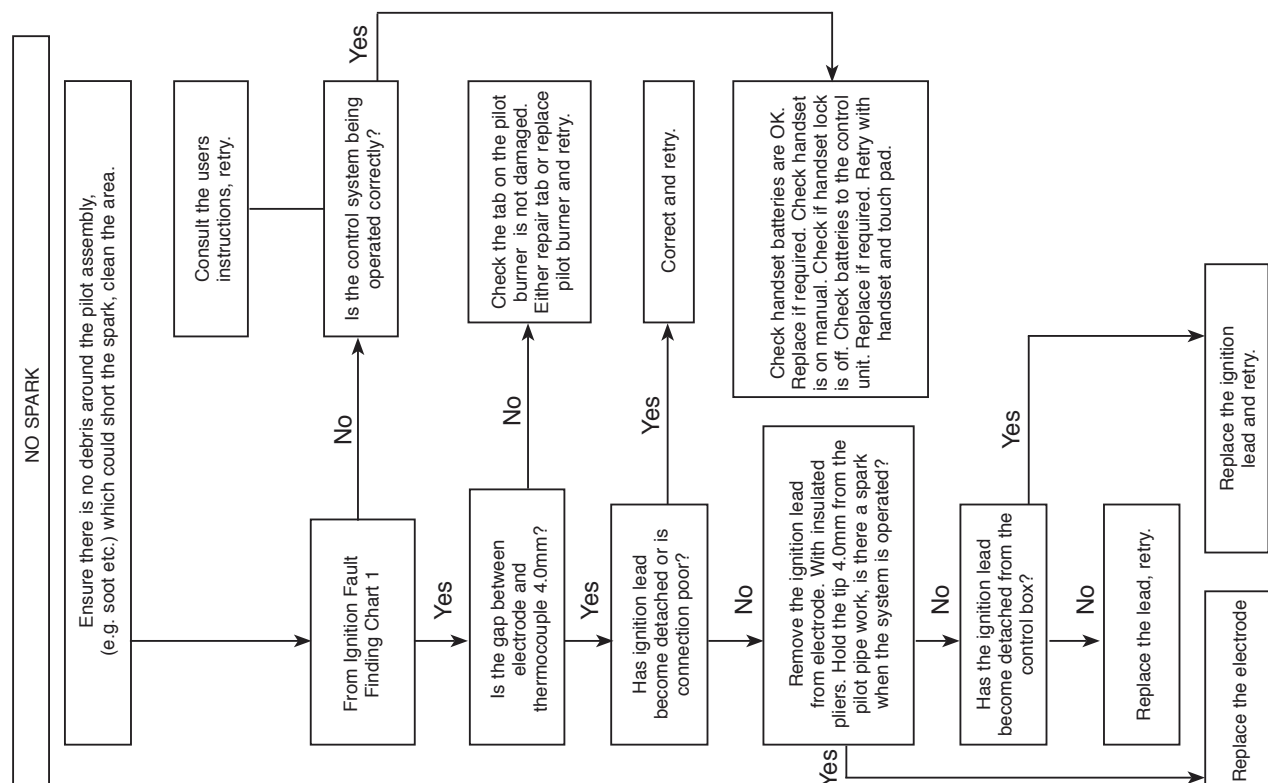
Servicing Instructions

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.**

- 1.3 Before replacing some of the components it will first be necessary to remove the burner assembly from the appliance by following the instructions below.

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.**

2. Removing the Burner Unit

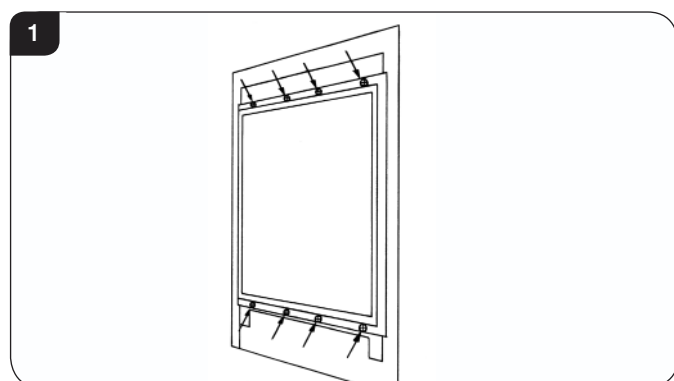
Ensure the appliance is cold before proceeding

- 2.1 Turn the gas supply off at the isolation device. Then disconnect the supply pipe.

Remove the frame from the appliance by referring to the separate frame instructions supplied.

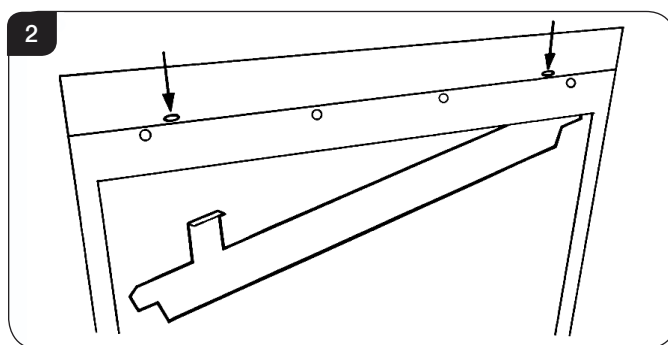
2A. E-Studio

Remove the one-piece glass window frame by removing the eight fixing screws, see Diagram 1.

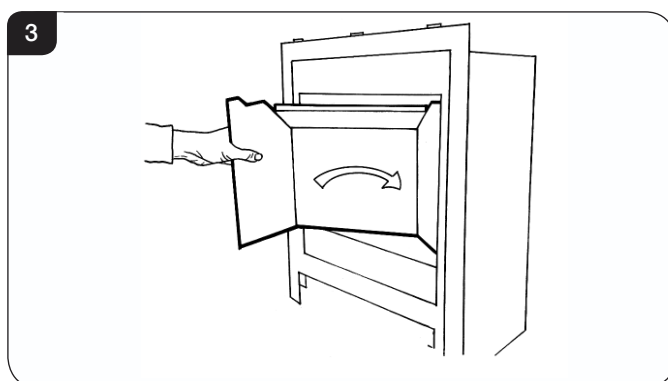


Remove the granite chippings from the appliance.

Remove the top inner baffle by unscrewing the two fixing screws located on the front edge of the top plate, see Diagram 2.

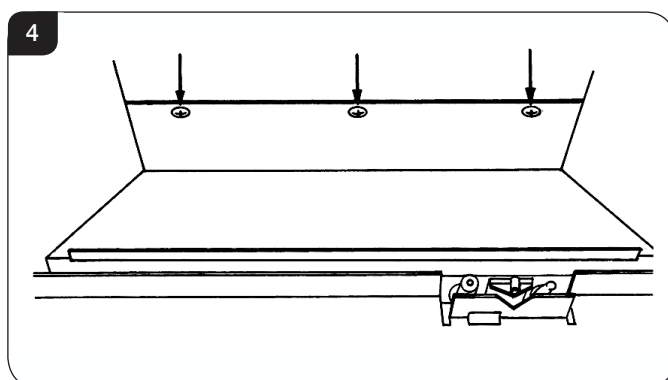


Carefully remove the enamel back panel by rotating it out of the fire box, Diagram 3.

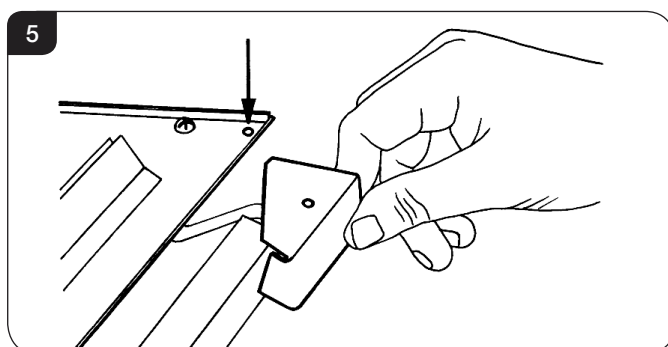


TAKE EXTREME CARE WHILST REMOVING THESE PANELS NOT TO SCRATCH OR CHIP THE PANEL ON THE SIDES OF THE FIREBOX

Unscrew the 3 fixings in the rear liner support, Diagram 4, and lift this part out of the appliance.

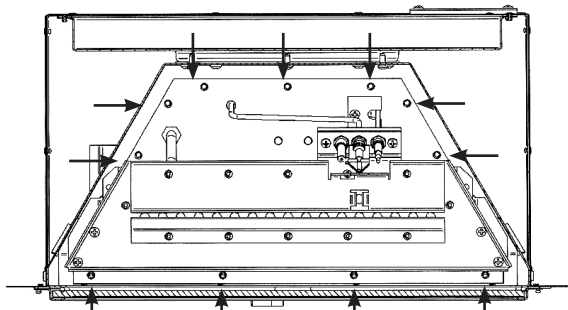


Remove the left and right-hand burner baffle brackets by unscrewing the two fixings located on the burner tray top, see Diagram 5.



Remove the 11 screws that fix the burner assembly into the appliance, see Diagram 6. The burner assembly can now be removed by lifting it up and out of the appliance.

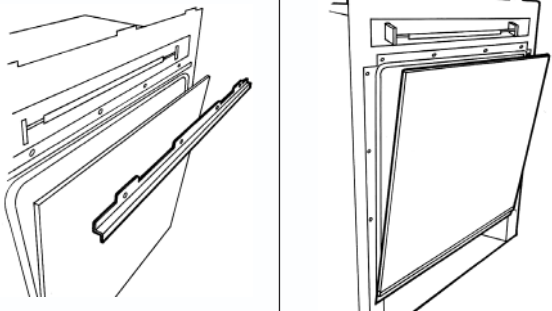
6



2B. E-Box

Remove the glass window by loosening the four screws in the lower retaining bracket then remove the four top screws and retaining bracket. The glass window can now be lifted clear, see Diagram 7.

7

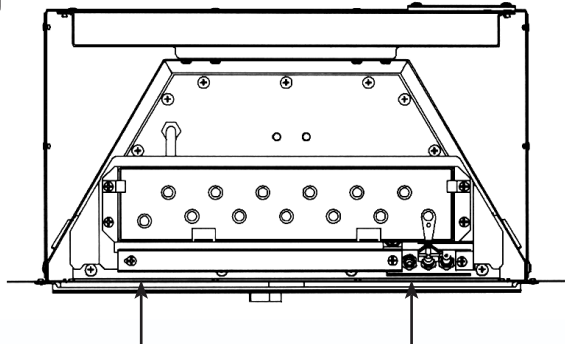


Remove the ceramic coals and fuel bed and place on a dry clean surface.

Remove the ceramic panels from inside the appliance.

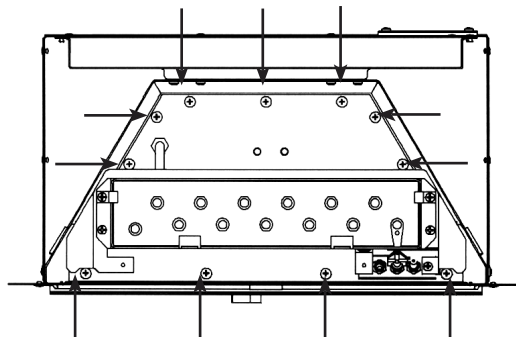
Remove the two screws securing the front U channel on the burner assembly. This is to gain access to the burner retaining screws, see Diagram 8.

8



2.14 Remove the 11 screws in the burner tray securing the burner assembly to the appliance. The burner assembly can now be removed by lifting it up and out of the appliance, see Diagram 9.

9



3. Pilot Unit

The pilot unit assembly consists of three components which can be individually changed, these are:-

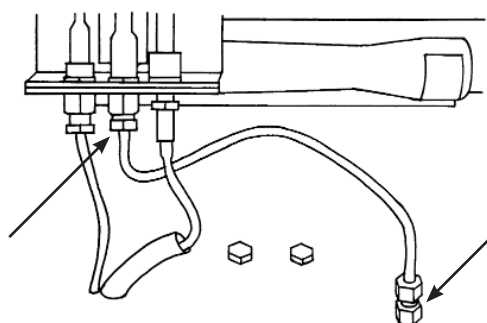
- 1) Pilot Injector
- 2) Electrode
- 3) Thermocouple

Note: On the E-Box, access is provided for the removal of the pilot without removing the engine assembly. It is easier, however, to change the pilot by removing the whole assembly.

4A. Pilot Injector - E-Studio

4.1 Undo the pilot pipe from the bulkhead fitting and from the underside of the pilot unit, see Diagram 10

10



Remove the pipe and the injector drops out from the pilot unit. Take care not to loose or damage the injector.

4.2 To replace the injector:

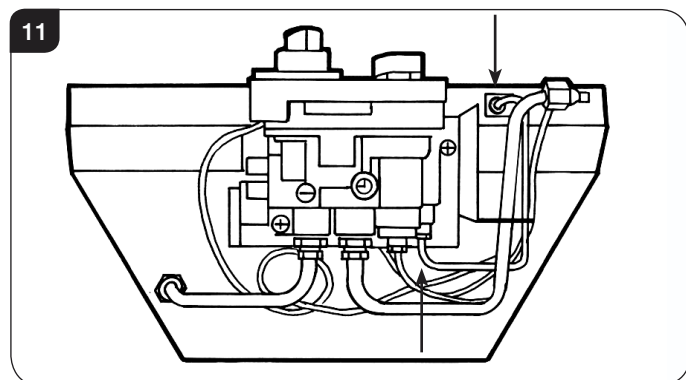
Reverse the above procedure.

Check for gas leaks.

Servicing Instructions - Replacing Parts

4B. Pilot Injector - E-Box

- 4.3 Undo the pilot pipe from the valve and from the under side of the pilot unit, see Diagram 11.



Remove the pipe and the injector drops out from the pilot unit. Take care not to loose or damage the injector.

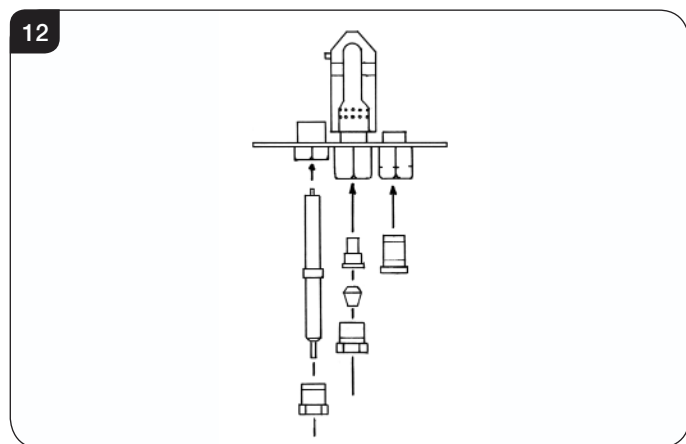
- 4.4 To replace the injector:

Reverse the above procedure.

Check for gas leaks.

5. Electrode

- 5.1 Pull the ignition lead from the electrode and undo the retaining nut, see Diagram 12.

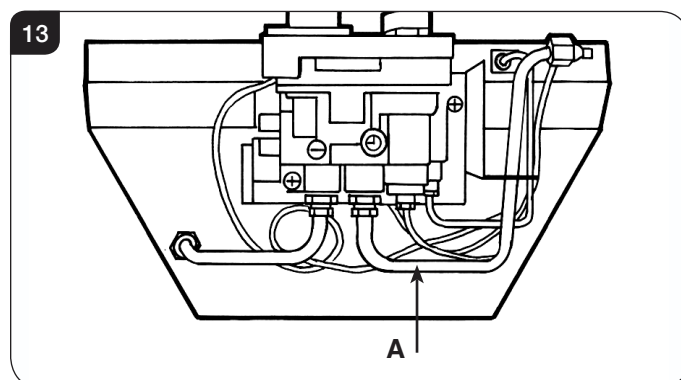


Replace with new electrode. Do not over tighten the nut as this could break the new component.

Replace the ignition lead.

6. Thermocouple

- 6.1 Disconnect the thermocouple from the gas valve, see Diagram 13.

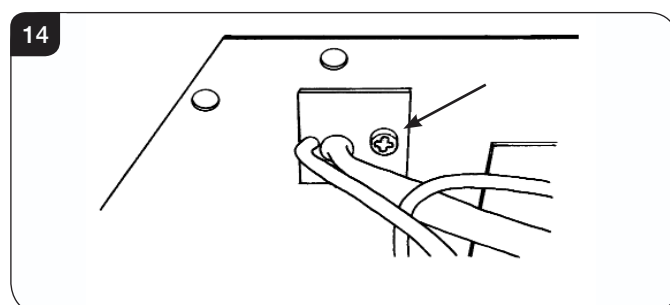


Undo the thermocouple nut in the pilot unit by half a turn. This will release the thermocouple.

For E-Studio

- 6.2 Remove the sealing plate, see Diagram 14, by removing the pozi head screw.

NOTE: The sealing plate needs to be re-sealed after the new thermocouple is fitted.



WHEN REPLACING WITH A NEW THERMOCOUPLE TAKE CARE TO BEND THE NEW COMPONENT TO THE EXACT SHAPE OF THE ORIGINAL ONE

- 6.3 When replacing the thermocouple into the pilot unit ensure the component is pushed fully into the hole. There is a stop on the thermocouple to set the height.

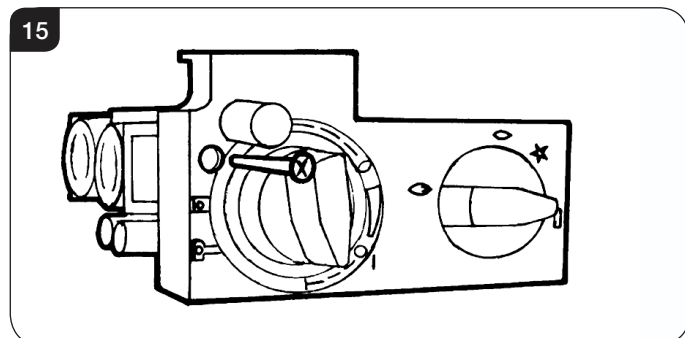
Lock the retaining nut just enough to grip the thermocouple.

Servicing Instructions - Replacing Parts

7. Ignition Lead

- 7.1 Remove the burner unit. Refer to section 2.

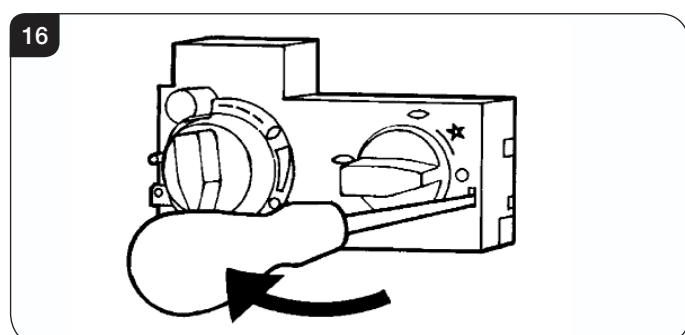
Undo the single screw that secures the left hand side of the control cover, see Diagram 15.



- 7.2 To release the right hand side of the control cover:

Insert the narrow blade screwdriver into the slot shown in Diagram 16.

Lever it gently and pull from the right hand side at the same time. The cover will now come off, there is a small cylindrical metal spacer inside the cover. This must be kept and replaced on the fixing screw during re-assembly.



Disconnect the ignition lead from the valve and electrode. (For E-Studio, the sealing plate needs also to be removed, see Diagram 14)

Replace with a new ignition lead following the same route as the old one. (For E-Studio, replace the sealing plate and re-seal with relevant sealant).

Replace the valve cover check the operation of the new ignition lead.

- 7.3 Refit the burner unit.
7.4 Replace the fire frame.

8. Piezo

- 8.1 The piezo assembly used on this appliance is not serviceable and is unlikely to fail. If a new piezo is required it will be necessary to change the gas valve, refer to section 9.

9. Gas Valve

- 9.1 Remove the thermocouple from the valve, see Diagram 17, Arrow A.

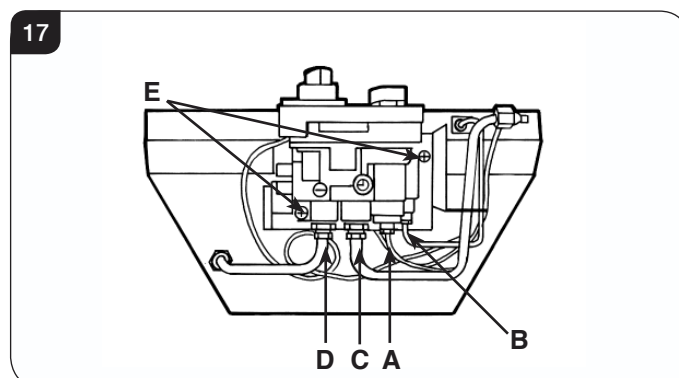
Undo the pilot pipe from the gas valve, see Diagram 17, Arrow B.

Undo the inlet pipe from the valve, see Diagram 17, Arrow C.

Undo the feed pipe from the valve, see Diagram 17, Arrow D.

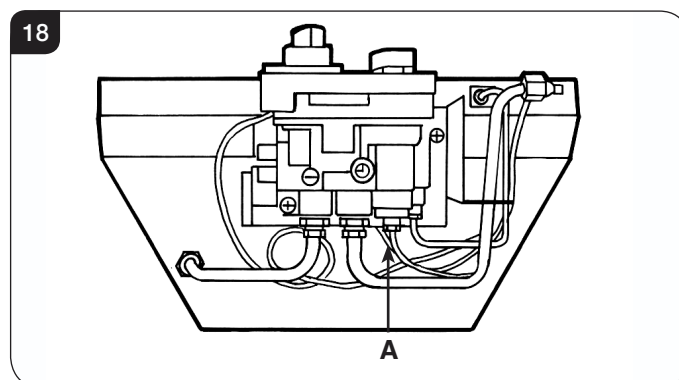
Disconnect the ignition lead from the pilot unit. (For E-Studio, the sealing plate needs to be removed, see Diagram 14).

Undo the two screws securing the valve to the bracket, Diagram 17, Arrow E. The valve can now be removed.



10. Mag Unit

- 10.1 Undo the thermocouple nut, see Diagram 18, Arrow A.



Undo the mag unit retaining nut at the back of the control valve behind the thermocouple nut.

Servicing Instructions - Replacing Parts

After removing the retaining nut, the mag unit can be tapped out and a replacement fitted.

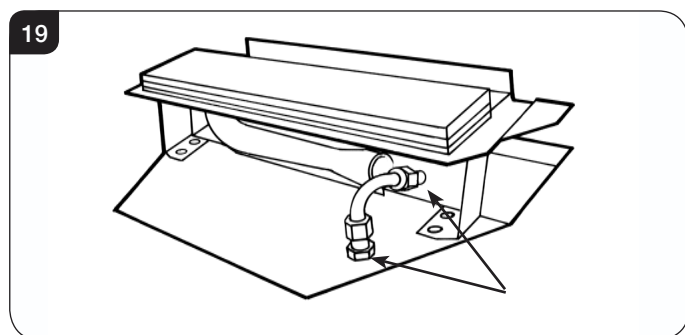
Replace the mag unit retaining nut and tighten. Note - this is a gas-tight seal.

Replace the thermocouple and check for gas leaks.

- 10.2 After reassembly, carry out the flame failure functional check as detailed in the flow chart, especially the mag unit drop out time.

11. Main Injector

- 11.1 Undo the two nuts securing the injector pipe, see Diagram 19.



Rotate the injector until it is fully removed.

Replace with the correct replacement injector. When ordering, always state the model, gas type and serial number.

Reassemble and turn the gas supply on, check for any leaks.
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.

12. Changing Between Gas Types

The following parts must be changed when converting an appliance from one gas type to another:

	E-Box		E-Studio	
Burner Assembly	NG	A8692UC	NG	GZ6398
	LPG	AP8692UC	LPG	GZ6960
Databadge	PR0393EBF			

Note: The control valve will be set for the particular appliance and gas type. In all instances, when ordering new parts, be sure to quote the appliance type and serial number.

Use only genuine Gazco replacement parts. Non-standard components will invalidate the guarantee and may be dangerous.

13A. Spare Parts List - E-Studio

PART DESCRIPTION	PART NUMBER
Stone chippings	CE0647
Vitreous Enamel Liner	GZ6847
NATURAL GAS PARTS	
Main Burner Injector	IN0060
Pilot Assembly	PI0069
Aeration Plate	GZ3966
LPG PARTS	
Main Burner Injector	IN0066
Pilot Assembly	PI0070
MISCELLANEOUS PARTS	
Gas Valve	GC0088k
Ignition Lead	GC0090
Magnetic Unit	GC0166
Control Cover	GC0087
Upgrade Kit - standard	8455
Upgrade Kit - Thermostatic	8456
Thermocouple	PI0074
Burner Tray Gasket	CE0513

Servicing Instructions - Replacing Parts

13B. Spare Parts List - E-Box

CERAMIC PARTS	COAL	PEBBLE
Front Coal / Pebble	CE0490	CE0502
Flame Baffle	CE0491	CE0503
Side Panel LH	CE0518	CE0562
Side Panel RH	CE0519	CE0563
Rear Panel	CE0497	CE0517
Top Panel	CE0523	CE0552
Coal Set / Pebble Set	CE1031	CE0504
NATURAL GAS PARTS		
Main Injector	IN0001	
Pilot Assembly	PI0069	
Aeration Plate (NG)	GZ3867	
LPG PARTS		
Main Injector	IN0056	
Pilot Assembly	PI0070	
Aeration Plate (LPG)	GZ7608	
MISCELLANEOUS		
Gas Valve	GC0088k	
Ignition lead	GC0090	
Magnetic Unit	GC0166	
Control Cover	GC0087	
Upgrade Kit Standard	8455	
Upgrade Kit Thermostatic	8456	
Burner cover Gasket	CE0528	
Burner Tray Gasket	CE0513	

Service Records

1ST SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/Gas Safe Registration Number

2ND SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/Gas Safe Registration Number

3RD SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/Gas Safe Registration Number

4TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/Gas Safe Registration Number

5TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/Gas Safe Registration Number

6TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/Gas Safe Registration Number

7TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/Gas Safe Registration Number

8TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/Gas Safe Registration Number

9TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/Gas Safe Registration Number

10TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/Gas Safe Registration Number

Gazco Limited, Osprey Road, Sowton Industrial Estate, Exeter, Devon, England EX2 7JG
Technical Customer Services: (01392) 261950 Fax: (01392) 261951
E-mail: technicalservices@gazco.com

A member of the Stovax Group