



Fire Your Imagination

Logic HE™ Log Range

Balanced Flue



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 (LATEST EDITION) IS USED IN THE PRESENCE OF YOUNG CHILDREN, THE ELDERLY OR INFIRM.

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

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

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

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

Contents

Logic HE Balanced Flue

Covering the following models:

GAS TYPE	LOGIC HE BF	
	Remote Control	Slide Control
Nat Gas	101-290	101-281
LPG	101-532	101-516

Appliance Commissioning Checklist3

User Instructions.....4

Installation Instructions10

Technical Specification 10

Site Requirements..... 13

Installation 16

Commissioning..... 24

Servicing Instructions.....25

Fault Finding..... 25

How to replace parts 28

Basic spare parts list 36

Service Records 41

Information Requirements..... 42



To receive your Extended Warranty your Gazco appliance must have been purchased from our Expert Retailer Network and registered within one month of purchase or installation. Please note that all warranties are effective from the date of purchase. Any Gazco product purchased outside of our Extended Retailer Network, or not registered within the stated time will carry a standard 12 month warranty.

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

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

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



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

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

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

Appliance Commissioning Checklist

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

IMPORTANT NOTICE

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

FLUE CHECK	PASS	FAIL
1. Flue Is correct for appliance		
2. Flue flow Test		
3. Spillage Test		
GAS CHECK		
1. Gas soundness & let by test		
2. Standing gas pressure	mb	
3. Appliance working pressure (on High Setting) Minimum Pressure Requirement: NG - 17.5mbar LPG - 34.5mbar NB All other gas appliances must be operating on full	mb	
4. Gas rate	m ³ /h	
5. Does Ventilation meet appliance requirements		
SAFETY CHECK		
1. Check soundness of the Thermocouple connections - including tightness and lead integrity		
2. Glass checked to ensure no damage, scratches, scores or cracks		
3. Glass frame secured correctly and all screws replaced		
BUILDING CONTROL NOTIFICATION	YES	NO
1. Installer notified GasSafe/Local Authority of installation via Competent Persons Scheme?		

RETAILER AND INSTALLER INFORMATION

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

User Instructions

Welcome

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

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

WARNING



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

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

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

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

1. General

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



- 1.2 In all correspondence, please quote the appliance type and serial number, which can be found on the data badge.
- 1.3 **Do not** place curtains above the appliance: You must have 300mm 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 300mm above the appliance opening 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 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 This product is guaranteed for 5 years from the date of installation, as set out in the terms and conditions of sale between Gazco and your local Gazco retailer. Please consult with your local Gazco retailer if you have any questions. In all correspondence always quote the Model Number and Serial Number.



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

2. Operating the Appliance

- 2.1 There are 2 types of control systems available for this appliance:
- 2a. Remote Control
- 2b. Slide Control
- Follow the relevant section for specific operation.

User Instructions

2a. Remote Control

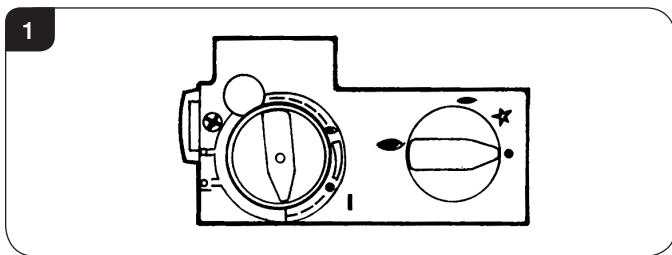
The pilot on Remote Control appliances must be lit manually from the valve unit before operation.

The control valve is at the foot in the centre of the appliance. It has 2 controls, see Diagram 1:

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

Lighting the Pilot

- 2a.1 To start the left-hand and right-hand control knobs must both point to off (●):



- 2a.2 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.

- 2a.3 Keep the knob depressed for 10 seconds before releasing. The pilot remains lit.

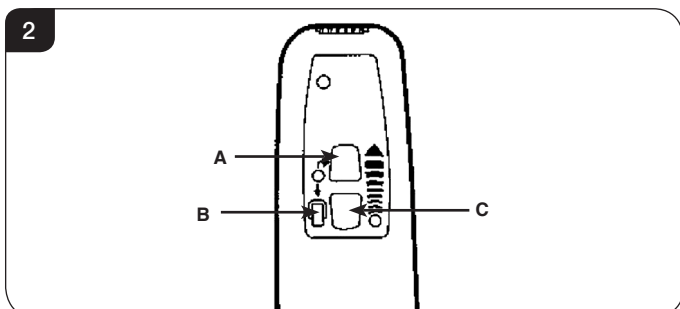
Repeat the above steps if the pilot does not stay lit.

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

- 2a.4 If, after repeating the above steps the pilot does not light, contact your Retailer or Installer.
- 2a.5 Turn the right-hand control to point to main burner (↗). The appliance can now be controlled by the remote handset.
- 2a.6 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.



To light the main burner:

- 2a.7 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:

- 2a.8 Press and hold buttons A & B simultaneously to increase the flame height. A clicking sound indicates that the appliance is at maximum.
- 2a.9 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:

- 2a.10 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.

- 2a.11 Press button C once to slightly reduce the flame height.



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



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

Switching OFF the Appliance

THE REMOTE CONTROL CAN TURN THE MAIN BURNER OFF AND LEAVE THE PILOT BURNING AND READY TO RUN (↗).

- 2a.12 To switch off the appliance completely (no pilot burning) return both control knobs to the off position (●).

Remote Control

- 2a.13 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

- 2a.14 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.

User Instructions

Upgrading the Appliance

- 2a.15 The appliance is fitted with a control valve that can easily be upgraded. This can be obtained through your local Gazco retailer. There is no requirement for this upgrade to be carried out by an approved GasSafe engineer. However Gazco recommend that this task is undertaken by a suitably competent person.
- 2a.16 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.

Thermostatic and Timer Remote Control (PART NUMBER 8456)

- 2a.17 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.

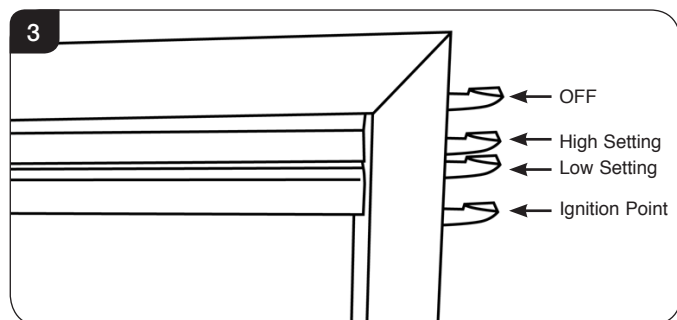
TIMER MODE

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

2b. 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 3.



Lighting the Pilot

- 2b.1 Push the slide control down as far as possible to its lowest point, see Diagram 3, 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.

- 2b.2 When released the slide control automatically raises to a natural stop point, see Diagram 3.

Repeat the above steps if the appliance does not light.

- 2b.3 If, after repeating the above steps the pilot does not light, contact your Retailer or Installer.

Adjusting the Flame height

- 2b.4 Increase the flame height and temperature by carefully moving the slide control up until the next stop point is felt, see Diagram 3. This denotes the highest setting.
- 2b.5 Carefully move the slide control down to the lower stop point to return to the lowest setting.



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



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

Switching OFF the Appliance

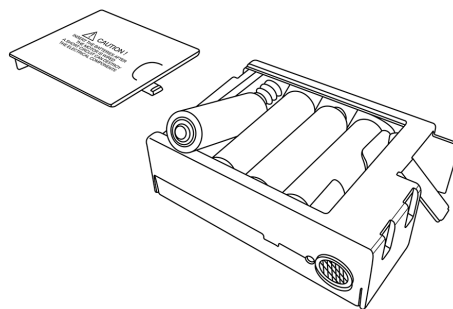
- 2b.6 To turn the appliance off lift the slide control to its highest stop point, see Diagram 3. The pilot goes out.

3. Changing the Battery

Remote Control

- 3.1 The battery box is located at the bottom left of the appliance behind the ash cover.
- 3.2 Remove the old batteries and replace with a new high quality (Duracell or similar) 4 AA batteries.

4

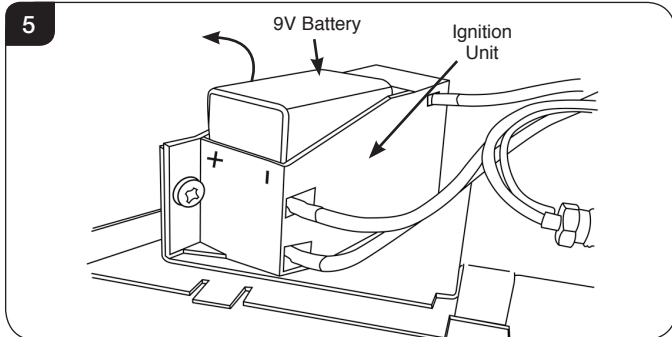


It is essential to use high quality batteries (Duracell or equivalent) when replacing batteries.

User Instructions

Slide Control

- 3.3 The battery box is located at the bottom left of the appliance behind the ash cover, see Diagram 5.

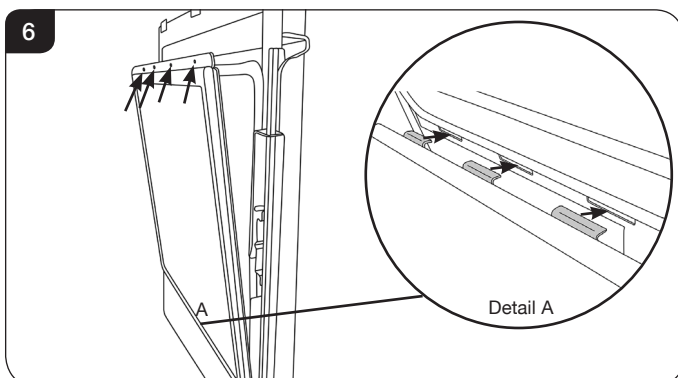


- 3.4 Remove the old battery and replace with a new high quality (Duracell or similar) 9V battery.

i It is essential to use high quality batteries (Duracell or equivalent) when replacing batteries.

4. Cleaning the Appliance

- 4.1 Make sure the appliance and surrounds are cool before trying to clean.
- 4.2 Refer to the separate decorative front instructions to remove the front from the appliance.
- 4.3 Remove the glass frame by removing the 4 screws in the retaining bracket, see Diagram 6.



- 4.4 Tilt the top of the glass frame forward and disengage the lower location tabs from the slots in the firebox, see Diagram 6, Detail A. Place carefully to one side.
- 4.5 To clean the glass surface, Gazco recommends you use hot soapy water.
- 4.6 The glass frame must be refitted to the appliance following cleaning or servicing. Ensure that the rope seal on the box is intact, then locate the glass frame location tabs into the slots on the firebox, see Diagram 6, Detail A.

- 4.7 Secure the glass frame using 4 screws in the retaining bracket, see Diagram 6.
Replace ALL of the 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.

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.

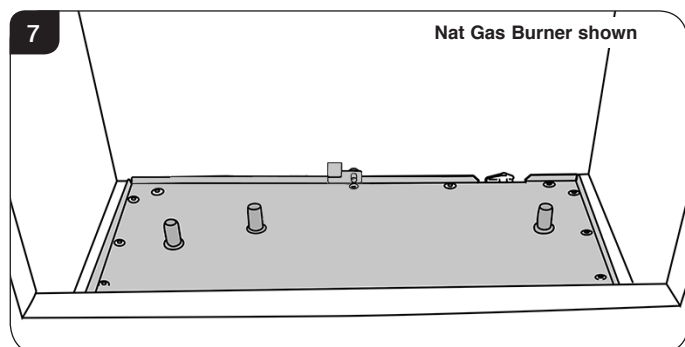
User Instructions

6. Log Layout

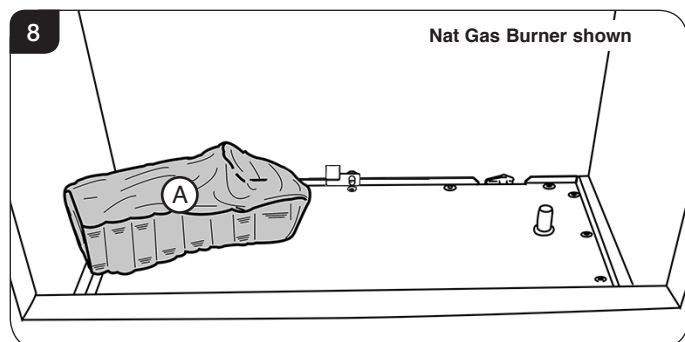
LOGS MUST BE POSITIONED ACCORDING TO THE FOLLOWING INSTRUCTIONS TO GIVE THE CORRECT FLAME EFFECT.

- 6.1 Ensure the burner tray is clean and free from any debris, see Diagram 7.

Note: The LPG and Nat Gas burner trays are visually different but the log layouts are the same.

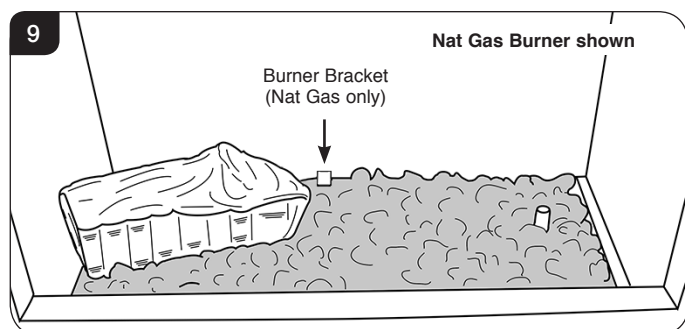


- 6.2 Place Log A in position on the 2 locating pins, see Diagram 8.



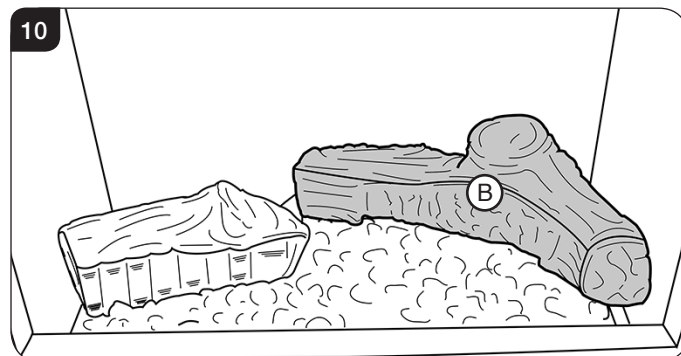
- 6.3 Spread the Lava Rock evenly over the fuel bed and around Log A, see Diagram 9.

Ensure that the fuel effect does not obstruct the pilot.

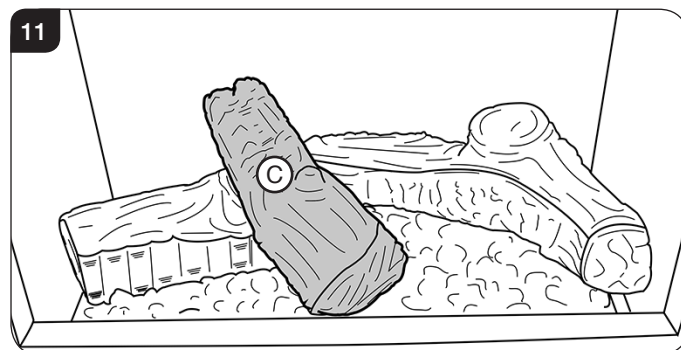


- 6.4 Log B is positioned on the right hand locating pin, and rests against the back liner, see Diagram 10.

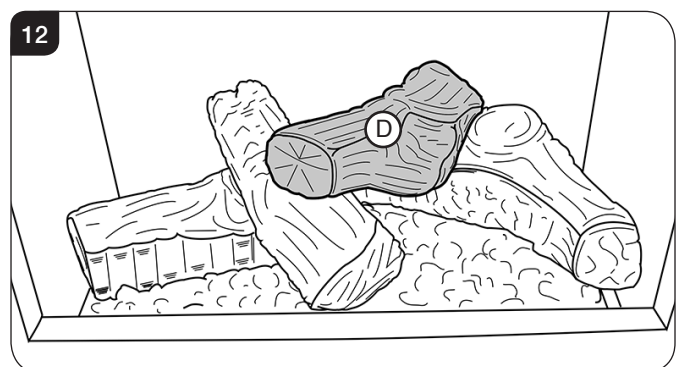
Nat Gas only - ensure that the left hand side rests on the burner bracket, see Diagrams 9 & 10.



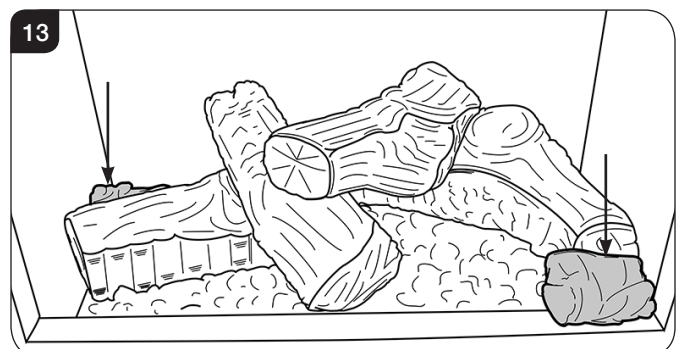
- 6.5 Log C rests on Log A and the front tray with the locating pin facing up, see Diagram 11.



- 6.6 Log D fits onto the locating pin and rests on Log B, see Diagram 12.



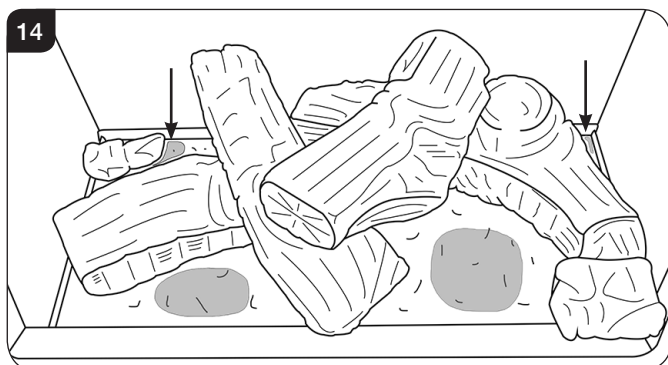
- 6.7 Position the 2 embers in the front right and back left corners, see Diagram 13.



User Instructions

- 6.8 Sparingly spread an amount of the Embaglow fibres provided on the sections highlighted, see Diagram 14. Take care not to use more than half a packet per application.

WARNING - DO NOT PLACE NEAR THE PILOT AREA.



7. Flame Failure Device

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

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

8. Running In

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

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

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

9. Servicing

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

10. Ventilation

- 10.1 This appliance requires no additional ventilation.

11. Installation Details

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

12. Hot Surfaces

- 12.1 Parts of this appliance become hot during normal use.
- 12.2 Regard all parts of the appliance as a working surface, except for the control access panel and the slider handle (slide control model only).
- 12.3 Provide a suitable fire guard to protect young children and the infirm.

Installation Instructions

Technical Specification

Covering the following models:

GAS TYPE	LOGIC HE BF	
	Remote Control	Slide Control
Nat Gas	101-290	101-281
LPG	101-532	101-516

Model		Gas Cat.	Gas Type	Working Pressure	Aeration	Injector	Gas Rate m ³ /hr		Input kW (Gross)		Country
							High	Low	High	Low	
Logic HE BF Log	Remote	I ₂ H	Natural Gas G20	20mbar	2 x 4mm	161	0.419	0.248	4.4	2.6	GB, IE
	Slide										
Logic HE BF Log	Remote	I ₃ P	Propane G31	37mbar	2 x 12mm	104	0.158	0.098	4.2	2.6	GB, IE
	Slide										
Efficiency 86% Net (Class 1)											
NOx Class 4											
Flue Outlet Size Ø 100mm											
Flue Inlet Size Ø 152mm											
Gas Inlet Connection Size Ø 8mm											

i The net efficiency of this appliance has been measured as specified in EN613:2001 and the result after conversion to gross using the appropriate factor from Table E4 of SAP 2012 is 79.9%. The test data has been certified by Kiwa Nederland BV. The gross efficiency value may be used in the UK Government's Standard Assessment Procedure (SAP) for energy rating of dwellings.

PACKING CHECKLIST

Qty Description	Fixing Kit containing:
Log Version 1 x Log Set 1 x Lava Rock	1 x Instruction Manual 1 x Embaglow 1 x 1.7m Silicone Seal 4 x Wall Plugs 4 x Wood Screws

Installation Instructions

Technical Specification

Complete Front Options

FRONT	Remote	Slide Control
DESIGNIO	912-396, 912-018	-
DESIGNIO 2	901-493, 901-511, 901-526	901-539, 901-580, 901-643
VOGUE	901-398	
BEAT	901-350	
PROGRESS	912-239	-
TEMPO	912-197, 912-221, 912-316	901-385, 901-403, 901-414
WINCHESTER	8697MB + 8697HP	901-369, 901-372
DIMENSION2	912-322	-
RICHMOND	8679	-
STOCKTON	901-488	

Frame & Front Combinations

FRAMES				
	Box Profil2 Frame ***		Arts2 Frame ***	
FINISH	Remote	Slide	Remote	Slide
Matt Black	912-232	901-272	912-862	901-167
Polished Brass Effect	912-140	901-286	-	-
Polished Steel Effect	912-027	901-299	-	-
Brushed Steel Effect	912-358	901-310	-	-
Polished Brass	-	-	912-508	901-194
Polished Stainless	-	-	912-914	901-206
Brushed Stainless	-	-	912-268	901-214

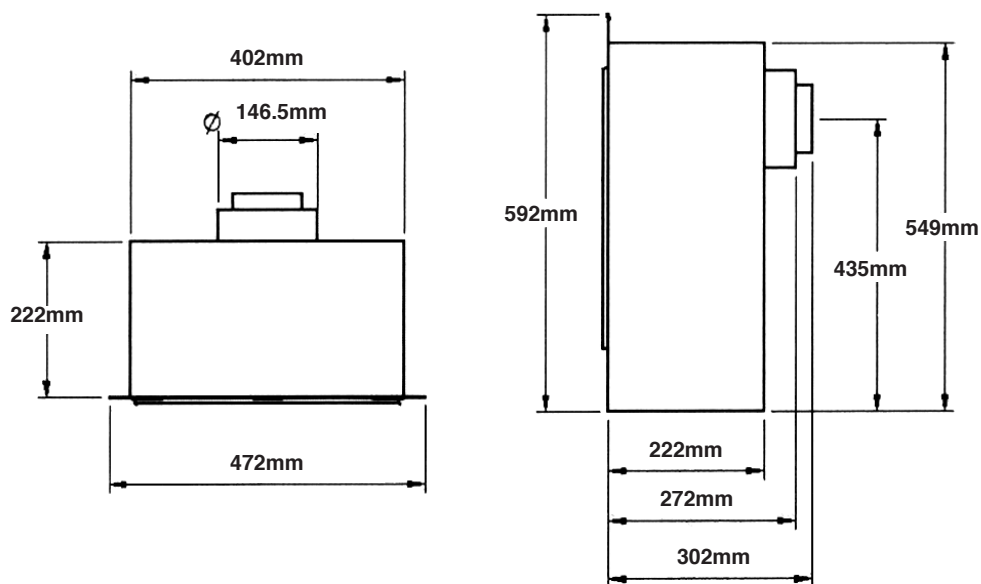
FRONTS					
	Arts Front	Wave Front	Chartwell Front	Holyrood Front *	Spanish Front *
FINISH	All Models	All Models	All Models	All Models	All Models
Matt Black	901-425	901-024	901-159	912-020	912-083
Polished Brass Effect	901-530	901-061	901-164	912-226	912-160
Highlight Polished	901-296	901-092	901-185	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

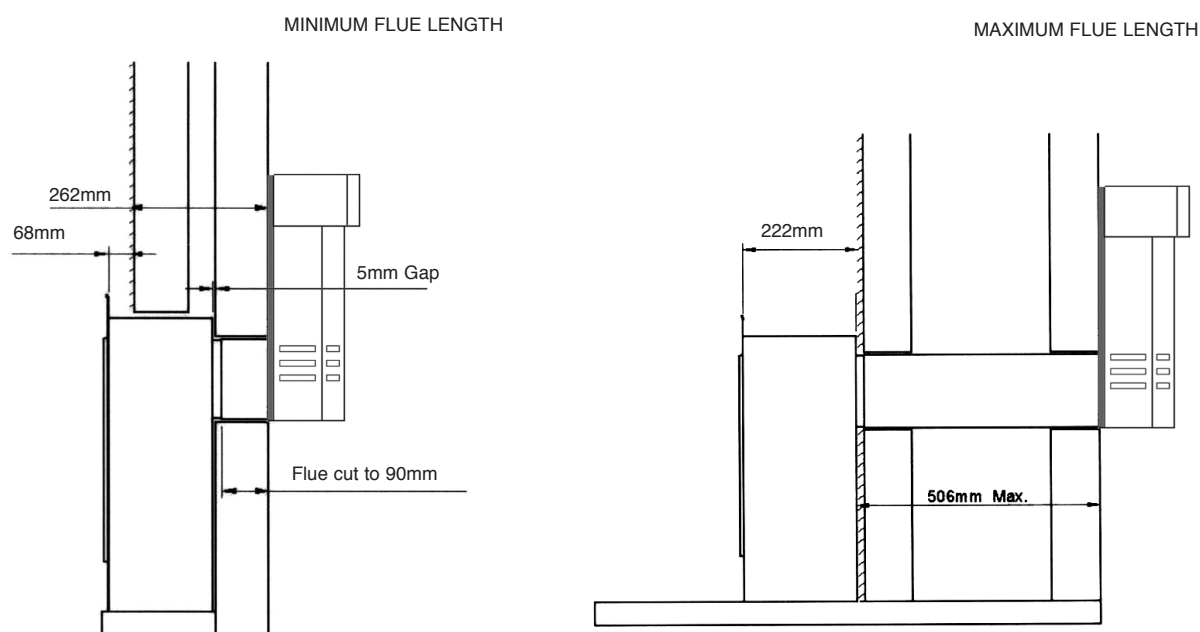
Installation Instructions

Technical Specification

OVERALL EXTERNAL DIMENSIONS



MINIMUM AND MAXIMUM FLUE SIZE



Installation Instructions

Site Requirements

1. Flue & Chimney Requirements

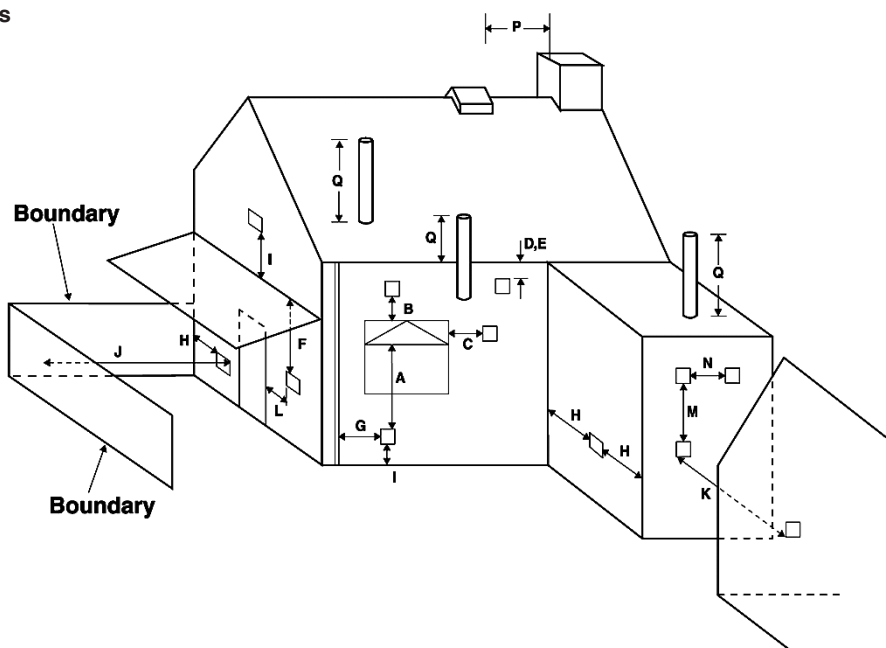
NOTE: This appliance can only be installed in conjunction with the flue supplied.

You must adhere to the following:

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

1 UK Dimensions



Dimension	Terminal Position	Minimum Distance
A*	Directly below an opening	600mm
B*	Above an opening	300mm
C*	Horizontally next to an opening	400mm
D	Below gutters, soil pipes or drain pipe	300mm
E	Below eaves	300mm
F	Below balcony or car port roof	600mm
G	From a vertical drain pipe or soil pipe	300mm
H	From an internal or external corner or to a boundary alongside the terminal	600mm
I	Above ground, roof or balcony level	300mm

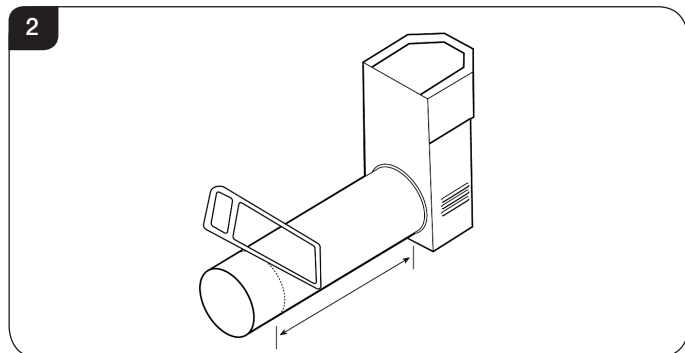
Dimension	Terminal Position	Minimum Distance
J	From a surface or boundary facing the terminal	600mm
K	From a terminal facing the terminal	600mm
L	From an opening in the car port (e.g. door, window) into the dwelling	1200mm
M	Vertically from a terminal on the same wall	1200mm
N	Horizontally from a terminal on the same wall	300mm
P	From a structure on the roof	600mm
Q	Above the highest point of intersection with the 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

2. Rear Flue



Terminal dimensions:
395 x 200 x 200 mm (H x W x D)
Guard supplied
Cut to length as required on site.

- 2.1 Decide on the terminal position.
 - 2.2 Measure the height from the finished hearth level/ base of the appliance to the centre of the required hole.
 - 2.3 A masonry installation requires the addition of a suitable lintel to support the opening. Refer to Installation Instructions, Technical Information for details of the flue length.
- NOTE - Carefully consider:
- a) Terminal positions
 - b) Flue supports
 - c) Weatherproofing
 - d) Fire precautions
- For all the above options, you must conform to local and national codes of practice.
- 2.4 Use only Gazco supplied flue on this appliance.
 - 2.5 A guard (supplied) must be fitted to any terminal less than 2 metres above any access such as level ground, a balcony or above a flat roof.

Timber Framed Buildings

- 2.6 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.
- 2.7 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.
- 2.8 For further guidance on the installation of gas appliances in timber framed buildings, contact your local buildings control authority.

3. Gas Supply

- 3.1 Before installation, ensure that the local distribution conditions (identification of the type of gas and pressure) and the adjustment of the appliance are compatible.
- 3.2 Ensure the gas supply delivers the required amount of gas and is in accordance with the rules in force.
- 3.3 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.
- 3.4 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 requires no additional ventilation.

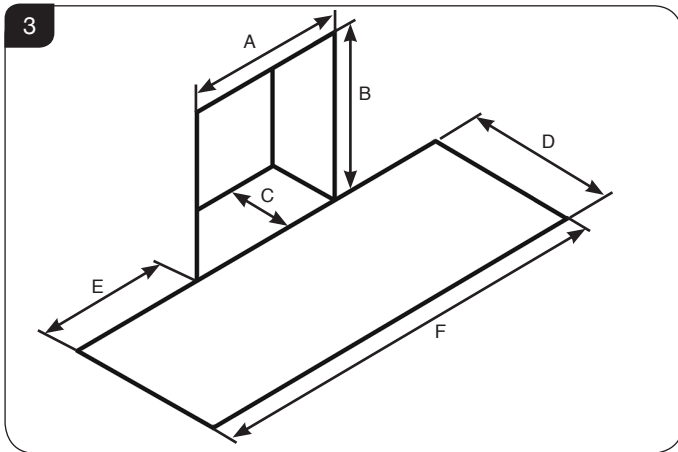
Installation Instructions

Site Requirements

5. 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.

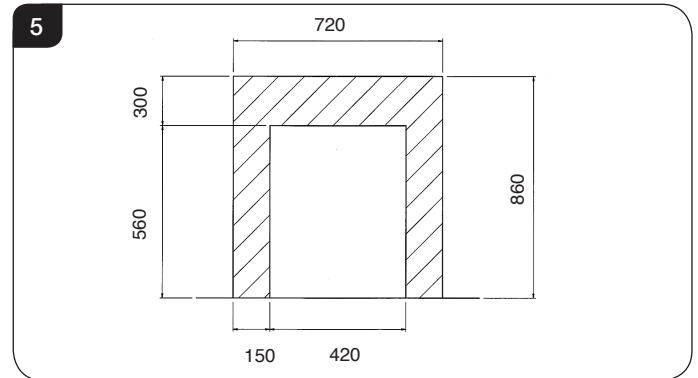
- 5.1 This appliance must stand on a non-combustible hearth that is at least 12mm thick.
- 5.2 It must be fitted into a non-combustible opening. The minimum dimensions shall be as shown in Diagram 3.



Dimensions	Min	Max
A	420mm	450mm
B	560mm	575mm
C	230mm	-
D	300mm	-
E	150mm	-
F	720mm	750mm

- 5.3 These appliances must be hearth mounted into a fireplace opening conforming to National Standards.
- 5.4 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.
- 5.5 This appliance can only be installed on an outside wall with suitable clearances for the flue terminal and guard (if required).

- 5.6 This appliance is not suitable for installation into a combustible wall. All combustible material must be removed from the area shown, see Diagram 5.



- 5.7 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 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.



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 15, 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.

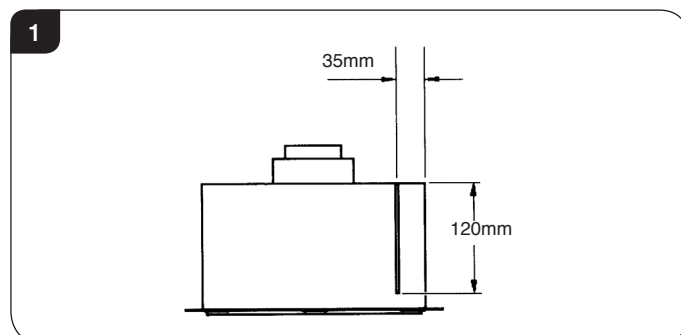
2. Installation of the Gas Supply

For specific gas types and working pressures see Technical Specification, page 10.

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

- 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 page 9.

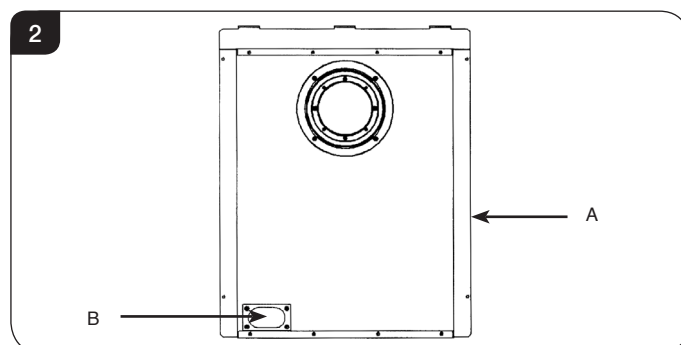
- 2.2 The position of the gas inlet pipe is shown, see Diagram 1.



- 2.3 All supply pipes must be purged of any debris that may have entered, prior to connection to the appliance.
- 2.4 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.

3. Preparing the Appliance

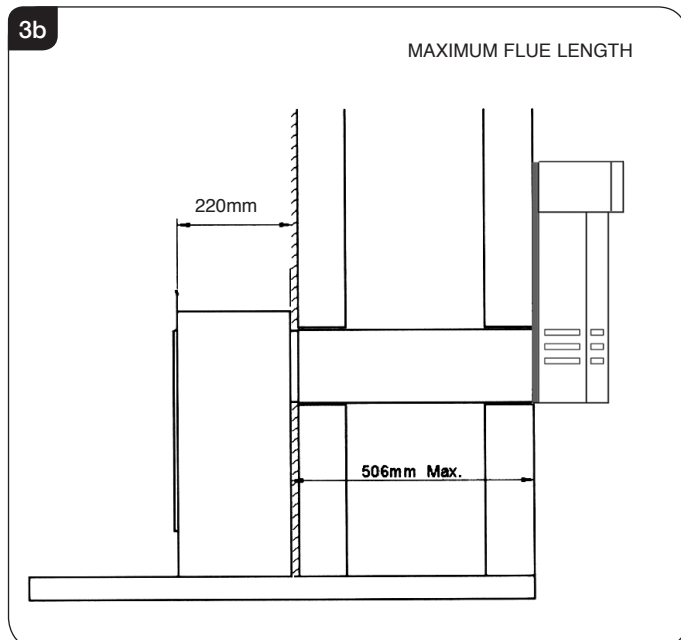
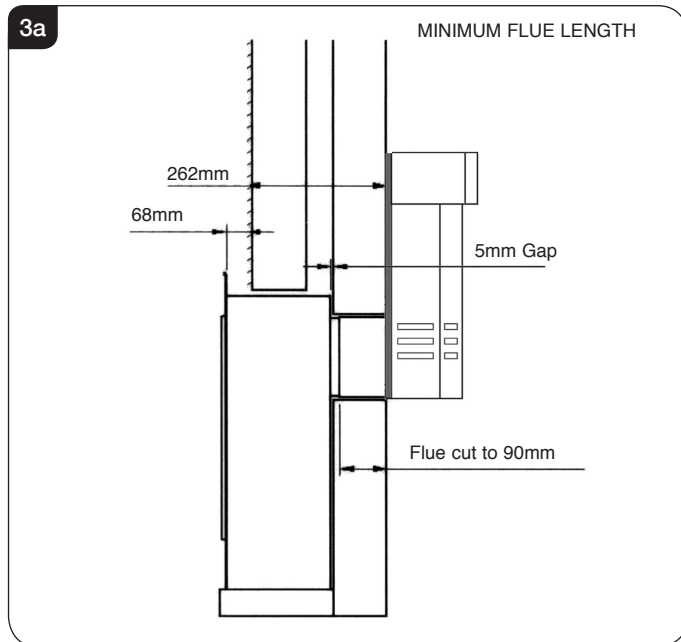
- 3.1 Remove the backing from the self-adhesive silicone sealing strip and apply to the rear flange of the firebox ensuring that the strip is positioned as close to the outer edge as is practically possible, see Diagram 2, Arrow A.



- 3.2 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, see Diagram 2, Arrow B.
- 3.3 A means of isolation is provided with the appliance. This must be fitted to the supply pipe prior to installing the firebox.

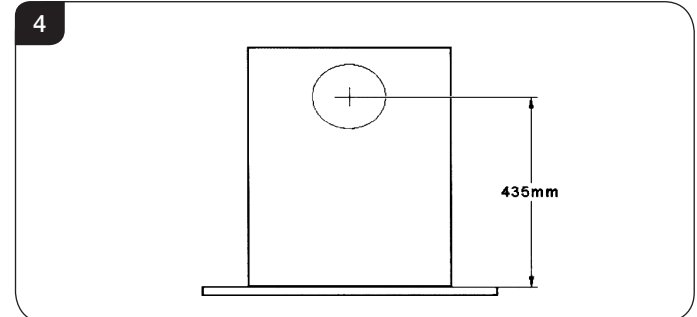
Installation Instructions

- 3.4 The appliance can either be recessed into an inner leaf of the wall. A 75mm rebated 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, Diagram 3a & 3b for options.
If using a back panel constructed from natural materials such as stone, the panel should consist of 3 or more sections to reduce the risk of cracking.



4. Non Recessed Installation

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



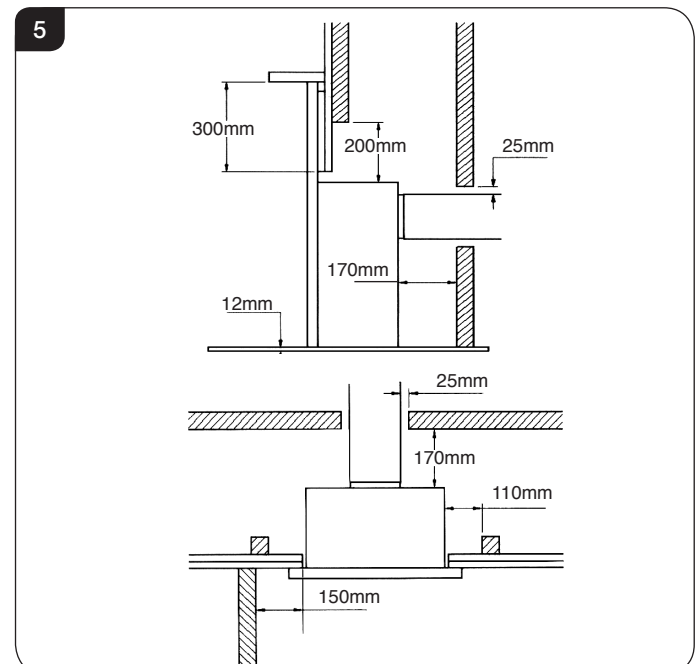
- 4.2 A 152mm (6") diameter hole is required to install the flue.

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.

- 4.3 It will now be necessary to construct a studwork frame to house the appliance. The minimum depth of the aperture must be 230mm. 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.
- 4.4 Combustible parts of the studwork frame must not be any closer than the minimum dimensions shown in Diagram 5. These dimensions need to be maintained even if the frame work is protected by non combustible material.
- 4.5 Do not pack the void around or above the appliance with insulation material such as mineral wool.



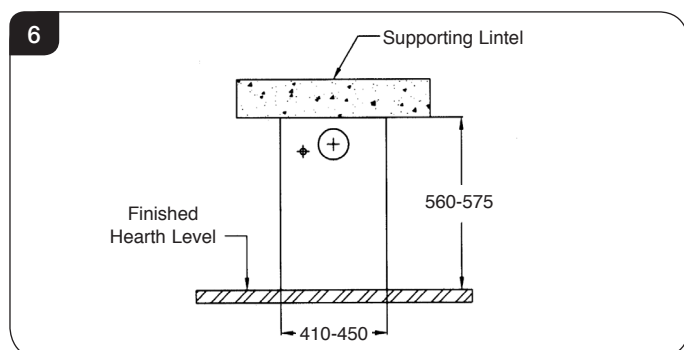
Installation Instructions

- 4.6 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.

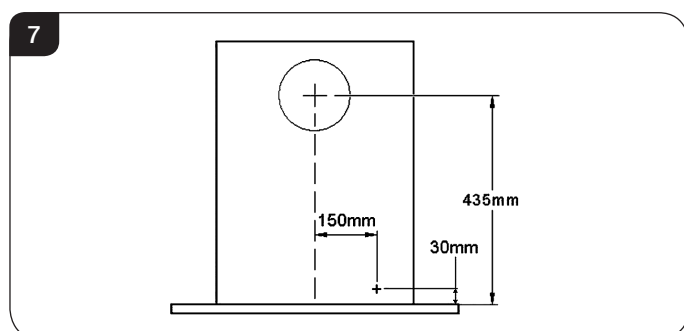
5. Recessed Installation

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.

- 5.1 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 6.



- 5.2 With the lintel in position mark the width of the aperture and remove the blockwork.
- 5.3 Seal the cavity with non combustible board, to prevent any insulation touching the appliance.
- 5.4 Ensure that there is a minimum of 5mm gap left between the back of the appliance and the outer wall. **There must be no combustible materials behind this appliance.**
- 5.5 Mark the position of the flue on the wall by measuring from the top of the finished hearth level, see Diagram 7.



- 5.6 A 152mm (6") diameter hole is required to install the flue.

This can be achieved by either:

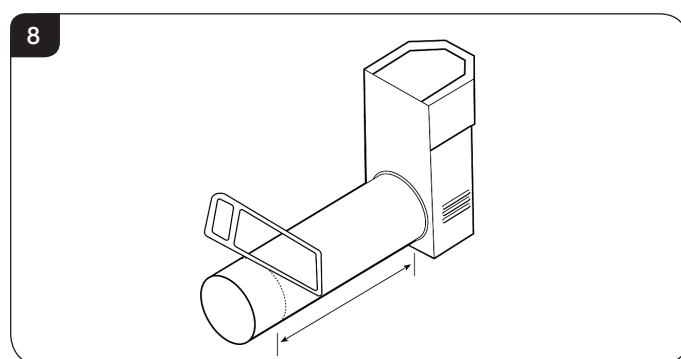
- Core drill
- Hammer and chisel

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

6. Installation of the Appliance

Flue Length

- 6.1 With the appliance secured in place, (minimum 10mm gap between the back of appliance and the wall) measure the distance from the back of the appliance to the outside face of the wall. Deduct 18mm from this measurement.
- 6.2 Insert the square cardboard sleeve into the flue to support the inner tube.
- 6.3 Cut through the flue and sleeve, see Diagram 8.



- 6.4 **REMOVE THE CARDBOARD REMNANTS FROM THE FLUE.**

- 6.5 File the cut edges smooth.

Terminal

On the outside wall:

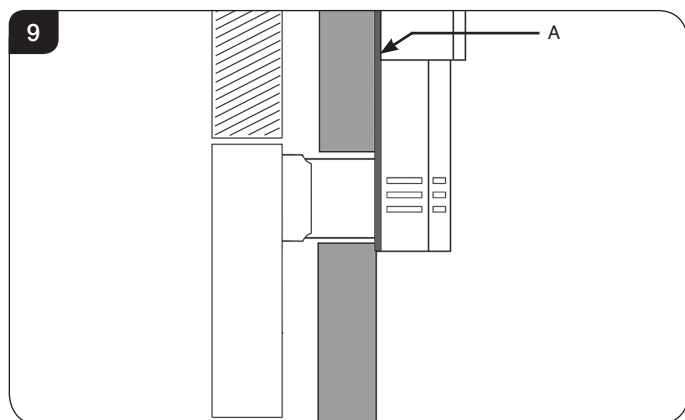
- 6.6 Position the flue assembly into the hole. The terminal should be flat against the wall.
- 6.7 Make sure the terminal is vertical, see Diagram 8.
- 6.8 Mark the 4 fixing holes.
- 6.9 Remove the terminal to drill the holes.
- 6.10 Insert wall plugs supplied.

DO NOT FIX THE FLUE AT THIS STAGE.

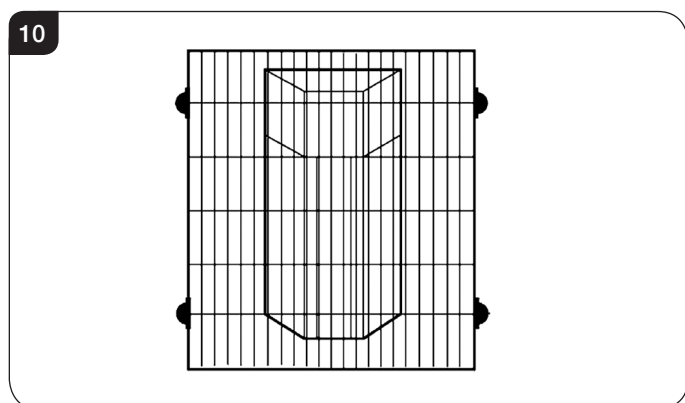
Installation Instructions

Flue and Appliance Fixings

- 6.11 Position the appliance observing appropriate clearances.
- 6.12 Apply a bead of suitable weatherproof sealant (silicone or similar) to perimeter of back face of terminal, see Diagram 9.



- 6.13 Feed the flue through the wall, making sure it runs smoothly.
- 6.14 Engage the flue in the inner and outer spigots.
- 6.15 Make sure rubber seal on the inner spigot is not damaged, it may be necessary to lubricate the seals with washing up liquid (or similar) to ease assembly.
- 6.16 Insert 4 screws in the flanges of the flue terminal.
- 6.17 Check sealant has formed a water-tight joint to the wall.
- 6.18 Any terminal less than 2m above any access (level ground, balcony or flat roof with access) must be fitted with the guard supplied, see Diagram 10.



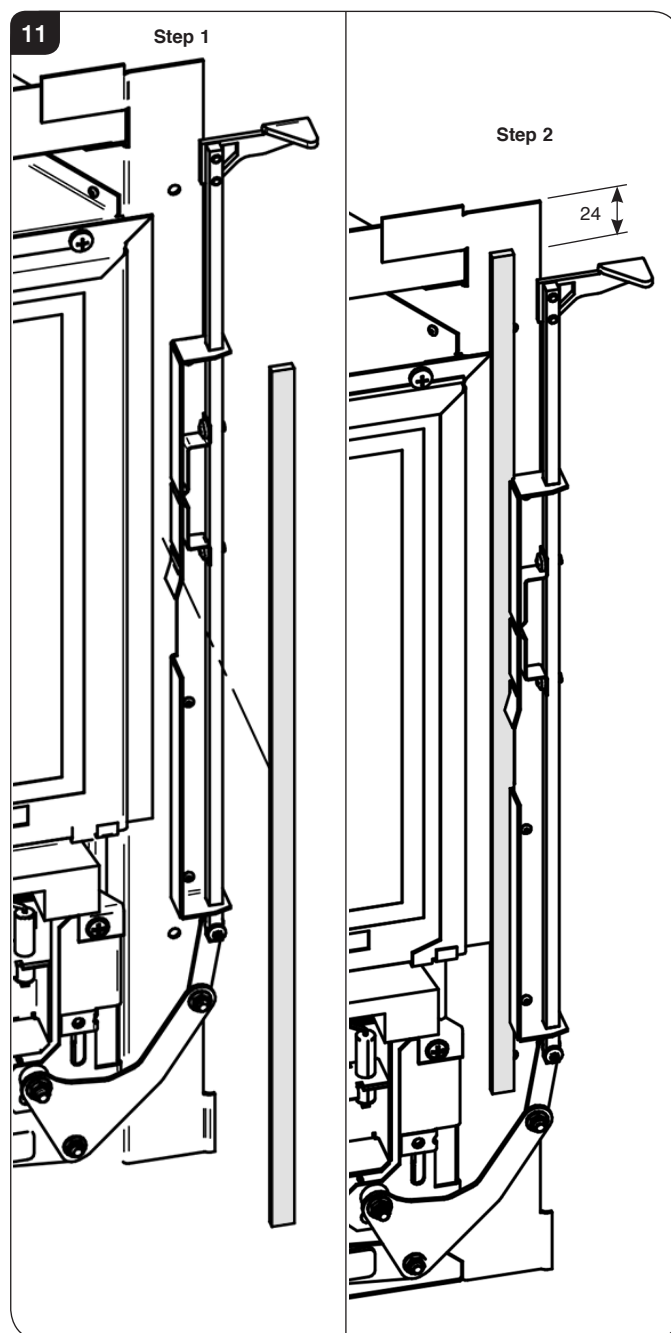
- 6.19 PURGE THE SUPPLY PIPE. This is essential to expel any debris that may block the gas controls. Connect the elbow to the appliance inlet pipe.
- 6.20 Connect a suitable pressure gauge to the test point located on the inlet elbow and turn the gas on.
- 6.21 Light the appliance and check for leaks.
- 6.22 Turn the appliance to maximum and check that the supply pressure is as stated on the databadge
- 6.23 Turn the gas supply off and replace the test point screw. Turn the gas on and check the test point for leaks.

Foam Seal (Slide Control Models only)

The foam seal must be fitted to the appliance prior to attaching the decorative front.

- 6.24 On the right hand side of the appliance, place the foam seal in the channel between the glass frame and the slide control housing, see Diagram 11.

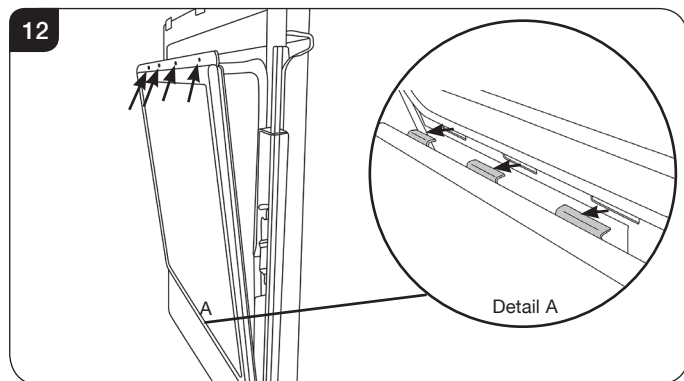
The foam seal must align with the right hand side of the glass frame and 24mm below the top of the appliance flange, see Diagram 11.



Installation Instructions

7. Removing the Glass Frame

- 7.1 Remove the glass frame by removing the 4 screws in the retaining bracket, see Diagram 12.



- 7.2 Tilt the top of the glass frame forward and disengage the lower location tabs from the slots in the firebox, see Diagram 12, Detail A. Place carefully to one side.

8. 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.

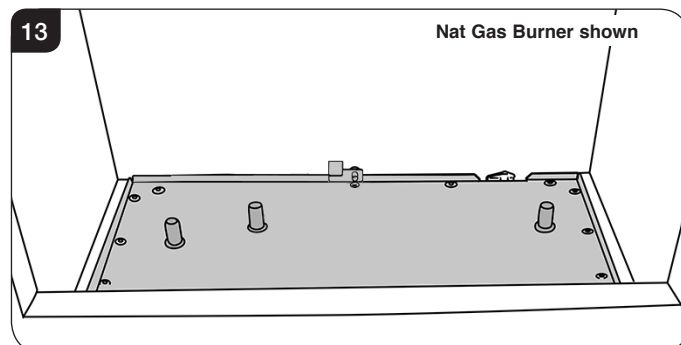
Excessive exposure to these materials may cause temporary irritation to eyes, skin and respiratory tract; wash hands thoroughly after handling the material.

9. Log Layout

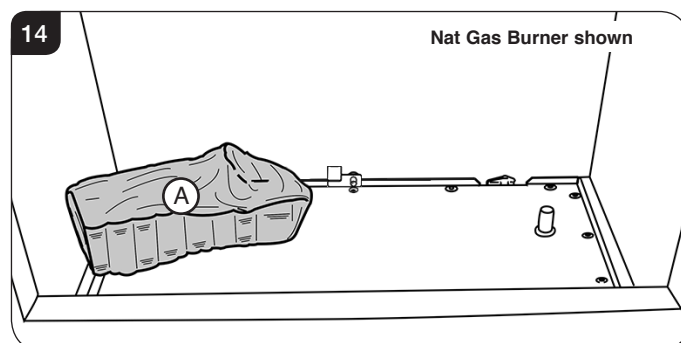
LOGS MUST BE POSITIONED ACCORDING TO THE FOLLOWING INSTRUCTIONS TO GIVE THE CORRECT FLAME EFFECT.

- 9.1 Ensure the burner tray is clean and free from any debris, see Diagram 13.

Note: The LPG and Nat Gas burner trays are visually different but the log layouts are the same.

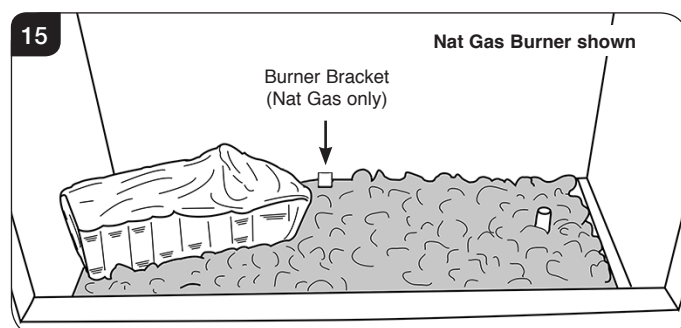


- 9.2 Place Log A in position on the 2 locating pins, see Diagram 14.



- 9.3 Spread the Lava Rock evenly over the fuel bed and around Log A, see Diagram 15.

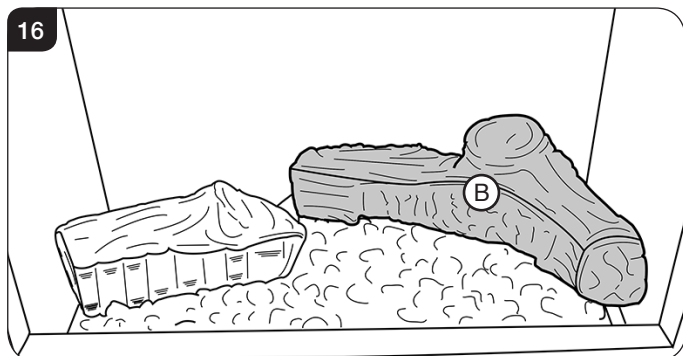
Ensure that the fuel effect does not obstruct the pilot.



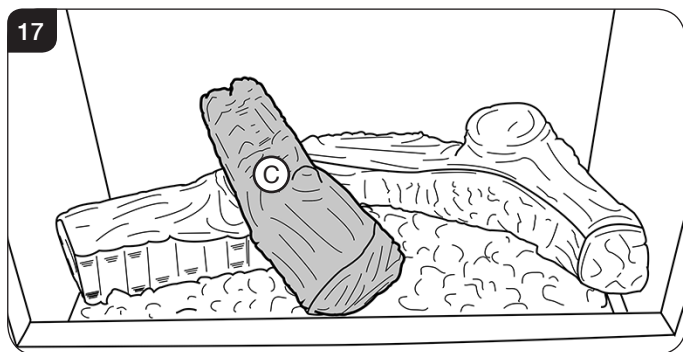
Installation Instructions

- 9.4 Log B is positioned on the right hand locating pin, and rests against the back liner, see Diagram 16.

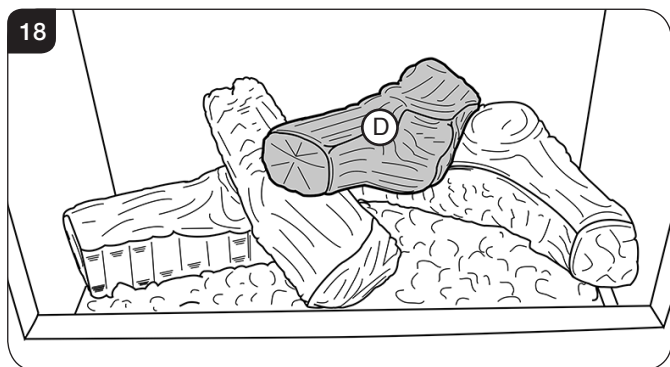
Nat Gas only - ensure that the left hand side rests on the burner bracket, see Diagrams 15 & 16.



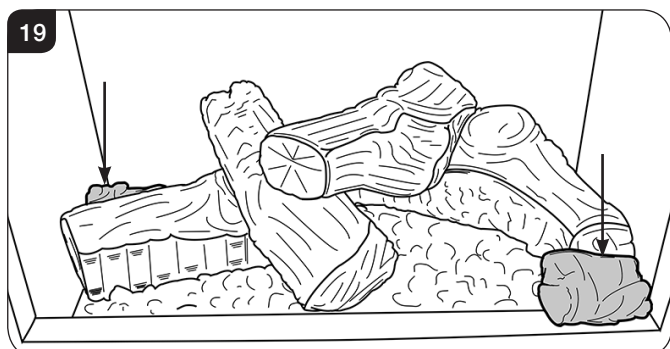
- 9.5 Log C rests on Log A and the front tray with the locating pin facing up, see Diagram 17.



- 9.6 Log D fits onto the locating pin and rests on Log B, see Diagram 18.

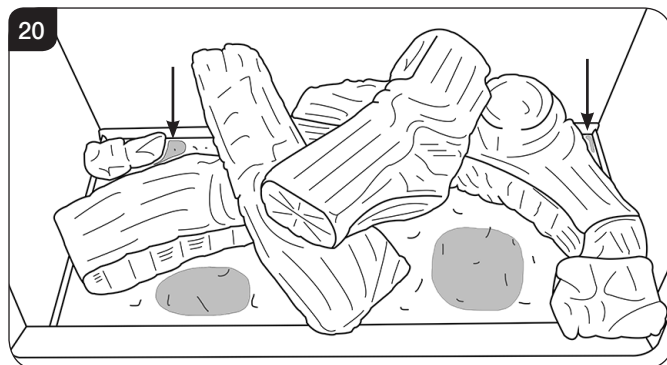


- 9.7 Position the 2 embers in the front right and back left corners, see Diagram 19.



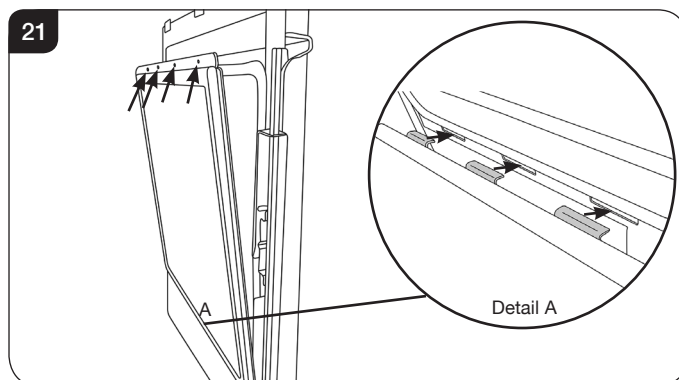
- 9.8 Sparingly spread an amount of the Embaglow fibres provided on the sections highlighted, see Diagram 20. Take care not to use more than half a packet per application.

WARNING - DO NOT PLACE NEAR THE PILOT AREA.



10. Fitting the Glass Frame

- 10.1 Ensure that the rope seal on the box is intact, then locate the glass frame location tabs into the slots on the firebox, see Diagram 21, Detail A.
- 10.2 Secure the glass frame using 4 screws in the retaining bracket, see Diagram 21. 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.

Installation Instructions

11. Operating the Appliance

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

1. Remote Control
2. Slide Control

Follow the relevant section for specific operation.

Remote Control

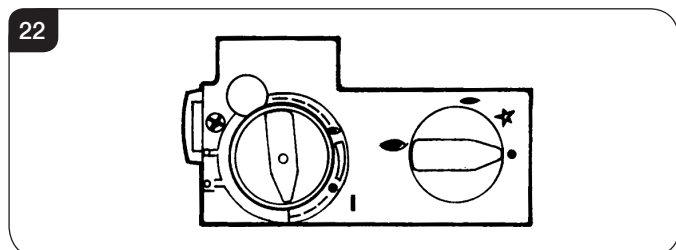
The pilot on Remote Control appliances must be lit manually from the valve unit before operation.

The control valve is at the foot on the right-hand side of the appliance. It has two controls, see Diagram 22:

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

Lighting the Pilot

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



11.3 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.

11.4 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.

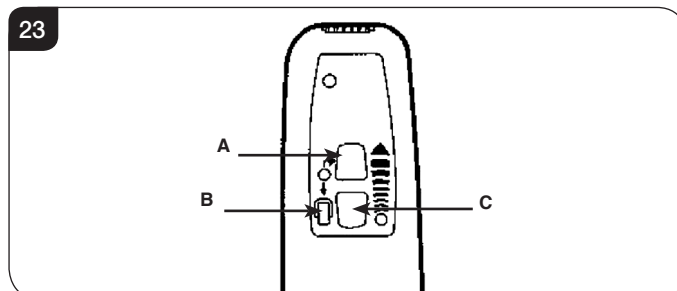
11.5 If, after repeating the above steps the pilot does not light, contact your Retailer or Installer.

11.6 Turn the right-hand control to point to main burner (◄◄). The appliance can now be controlled by the remote handset.

11.7 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.



To light the main burner:

11.8 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:

11.9 Press and hold buttons A & B simultaneously to increase the flame height. A clicking sound indicates that the appliance is at maximum.

11.10 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:

11.11 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.

11.12 Press button C once to slightly reduce the flame height.



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



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

Switching OFF the Appliance

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

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

Installation Instructions

Remote Control

- 11.14 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 run .

Controls on Appliance

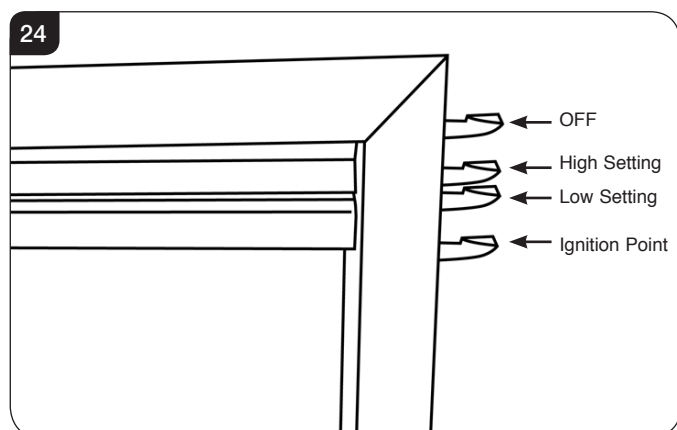
- 11.15 Use the controls on the appliance to turn the appliance off by turning the left-hand control knob until it points to Off (●). A click is heard and the main burner goes out leaving the pilot burning and ready to run .

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 24.



Lighting the Pilot

- 11.16 Push the slide control down as far as possible to its lowest point, see Diagram 24, 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.

- 11.17 When released the slide control automatically raises to a natural stop point, see Diagram 24.

Repeat the above steps if the appliance does not light.

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

Adjusting the Flame height

- 11.19 Increase the flame height and temperature by carefully moving the slide control up until the next stop point is felt, see Diagram 24. This denotes the highest setting.

- 11.20 Carefully move the slide control down to the lower stop point to return to the lowest setting.



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



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

Switching OFF the Appliance

- 11.21 To turn the appliance off lift the slide control to its highest stop point, see Diagram 24. The pilot goes out.

Commissioning

1. Commissioning

- 1.1 Complete the Commissioning Checklist at the front of this manual covering:
 - Thermocouple soundness checks.
This is to include ensuring the thermocouple is secure on the pilot bracket assembly, lead connection and integrity.
 - Flue checks
 - Gas checks
 - Fuel effect layout - flame picture
- 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 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).

Servicing Instructions

Servicing/Fault Finding Charts

1. Servicing Requirements

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

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

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

1.1 Before Testing:

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

1.2 Special checks:

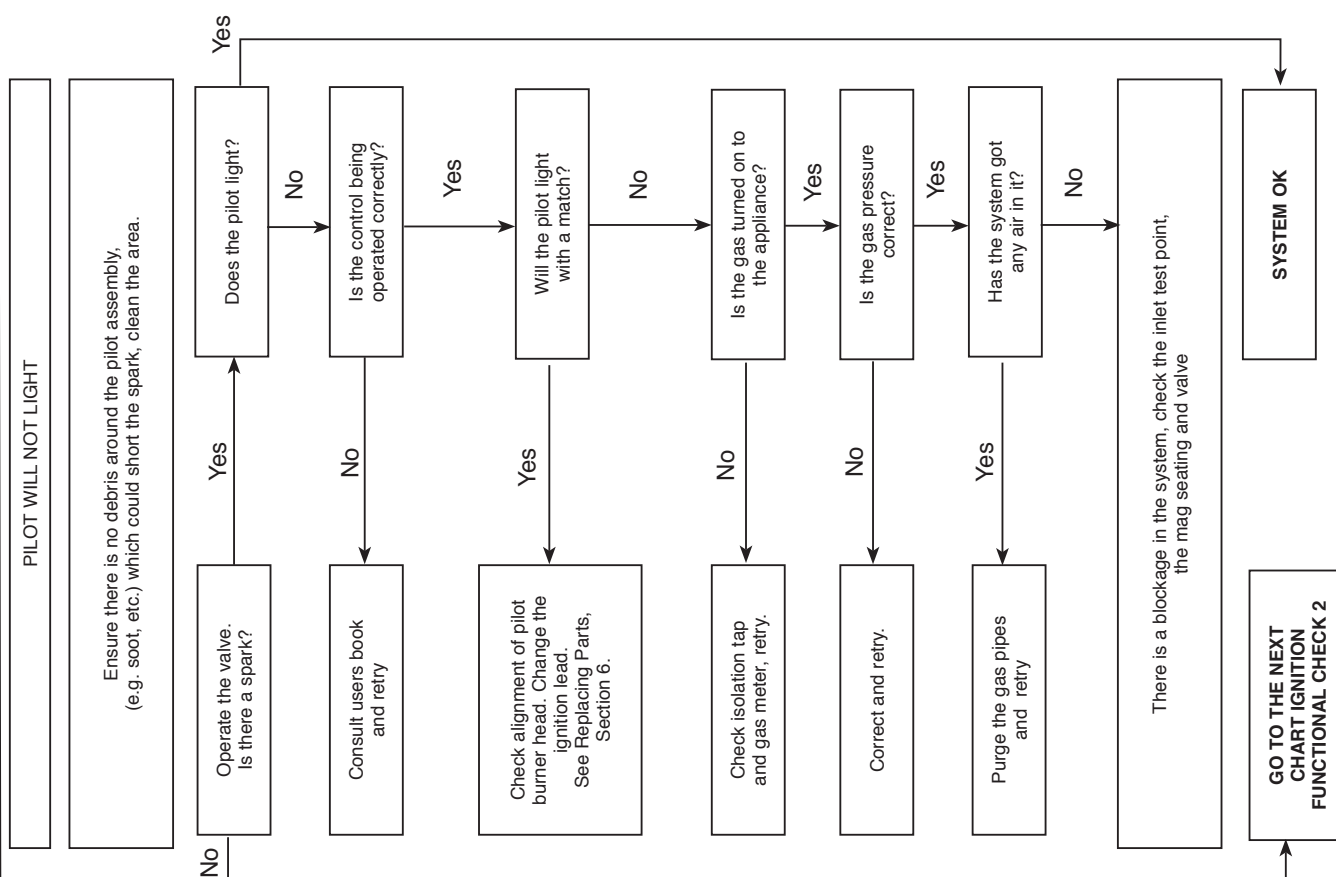
- Clean the burner using a vacuum cleaner with a soft brush attachment. Ensure all debris is removed from the burner ports.
- Check the flue terminal position complies with the requirements, and that the terminal is not obstructed.
- Clean away any debris under the burner.
- Check the condition of ceramics, pilot and burner cover gasket.
- Ensure that the glass frame is secured correctly and that all retaining screws are in place.

1.4 Correct any faults found during the initial tests

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

1.6 Advise the customer of any remedial action taken.

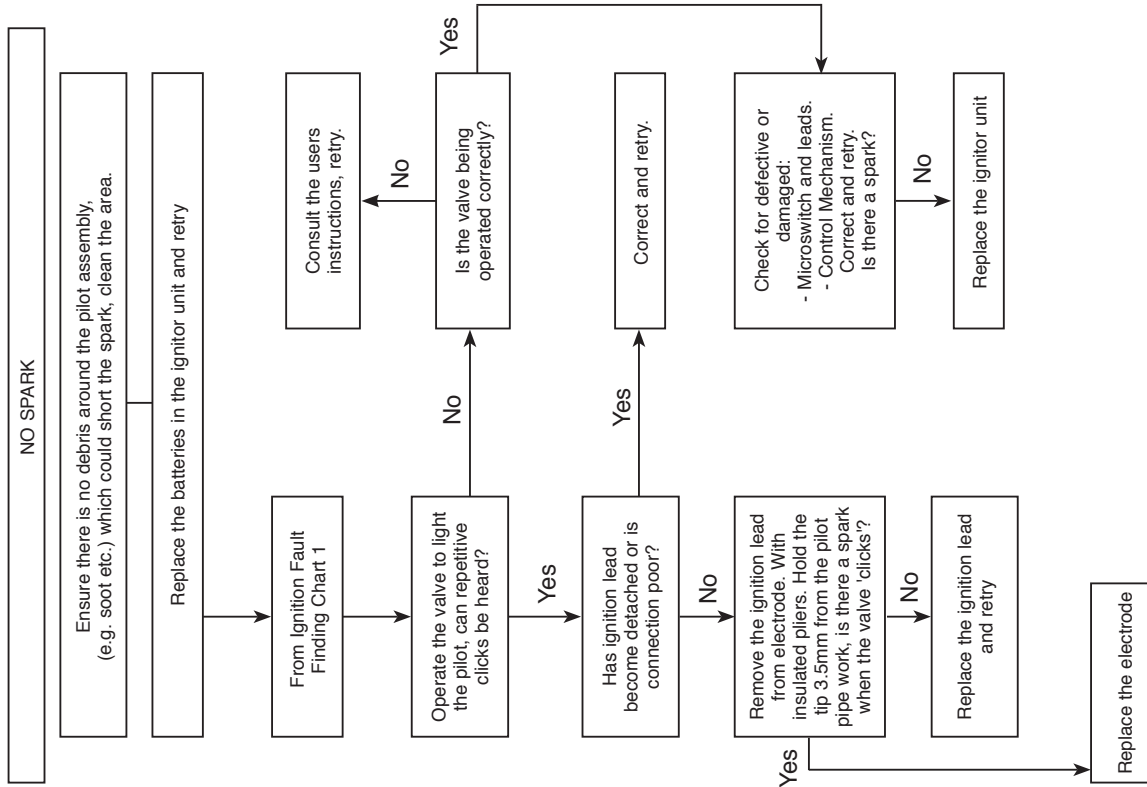
IGNITION FUNCTIONAL CHECK 1



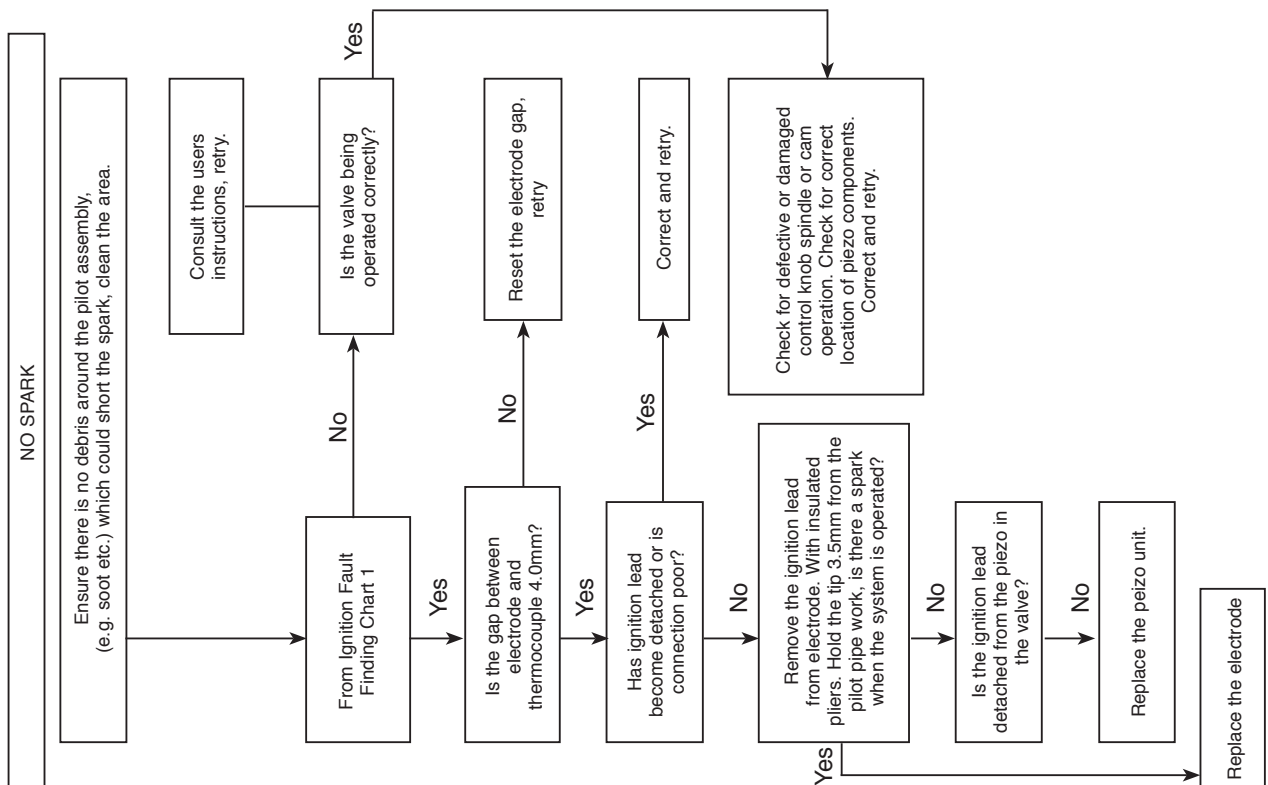
Servicing Instructions

Fault Finding Charts

IGNITION FUNCTIONAL CHECK 2B SLIDE CONTROL



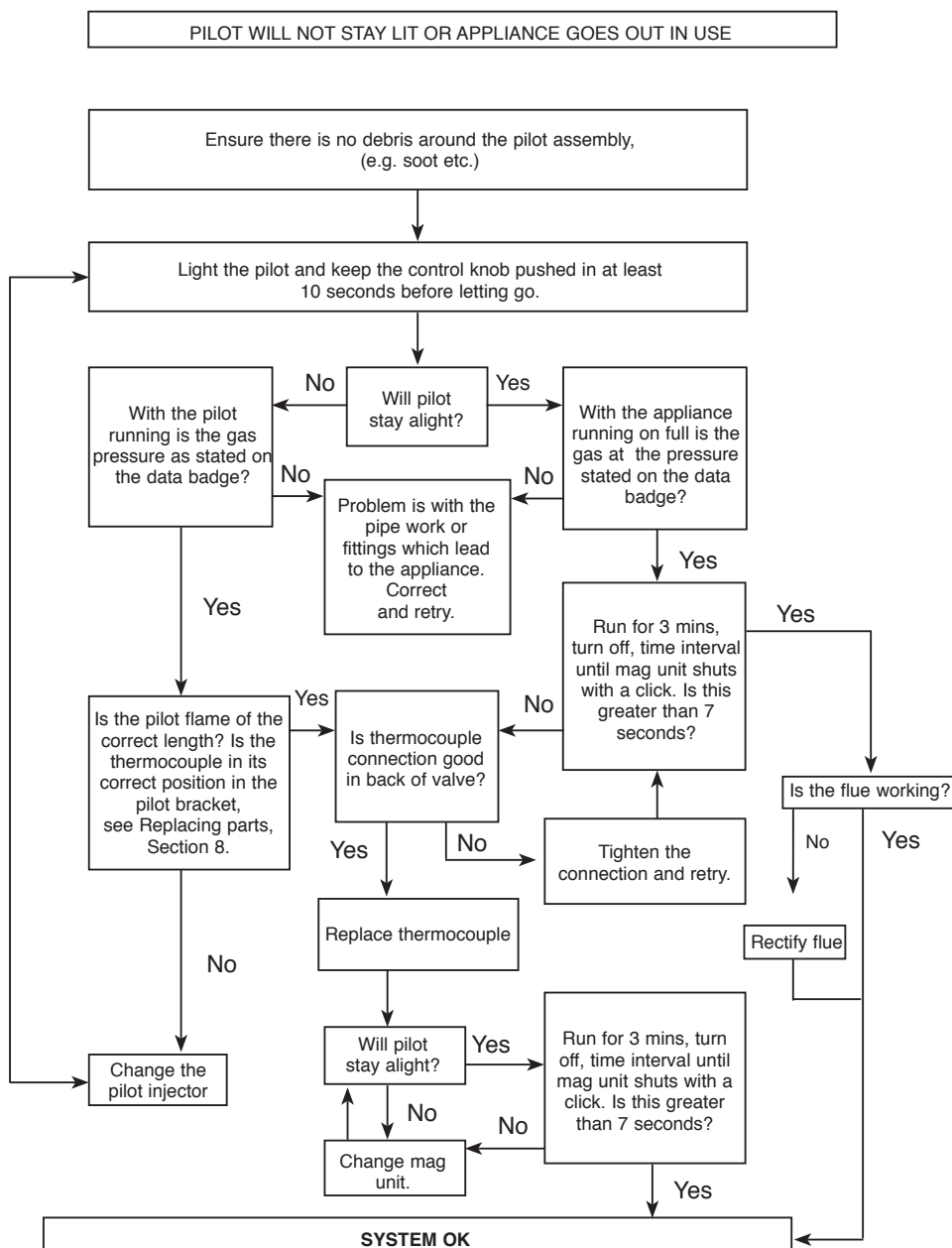
IGNITION FUNCTIONAL CHECK 2A REMOTE



Servicing Instructions

Fault Finding Charts

FLAME FAILURE FUNCTIONAL CHECK 3



Servicing Instructions - Replacing Parts

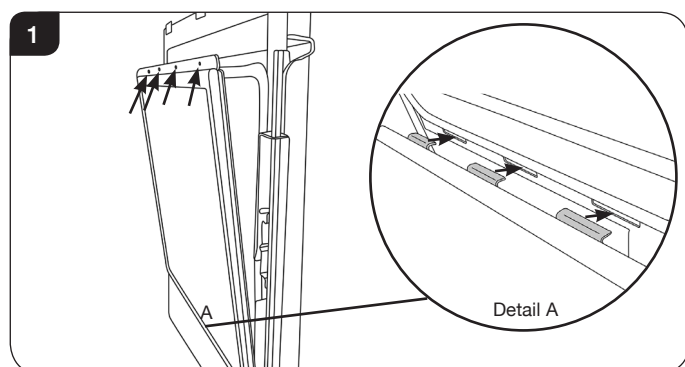
1. General

- 1.1 All principal components can be replaced without removing the appliance from its installation, although it is essential that the gas supply to the appliance is turned off at the isolation device before proceeding further.
- 1.2 Before replacing some of the components it will first be necessary to remove the burner assembly from the appliance by following the instructions below.
- 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 Glass Frame

Ensure the appliance is cold before proceeding.

- 2.1 Turn the gas supply off at the isolation device. Then disconnect the supply pipe.
- 2.2 Remove the decorative front from the appliance by referring to the separate instructions supplied.
- 2.3 Remove the glass frame by removing the 4 screws in the retaining bracket, see Diagram 1.



- 2.4 Tilt the top of the glass frame forward and disengage the lower location tabs from the slots in the firebox, see Diagram 1, Detail A. Place carefully to one side.
- 2.5 Remove the logs and Embaglow and place on a dry, clean surface.
- 2.6 The glass frame must be refitted to the appliance following cleaning or servicing. Ensure that the rope seal on the box is intact, then locate the glass frame location tabs into the slots on the firebox, see Diagram 1, Detail A.
- 2.7 Secure the glass frame using 4 screws in the retaining bracket, see Diagram 1. Replace ALL of the 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.

3. Appliance Battery

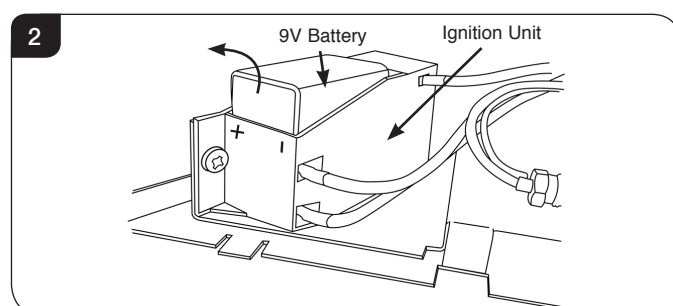
- 3.1 Remove the battery before carrying out work on this appliance.

Remote Control

- 3.2 The battery box is located at the bottom left of the appliance behind the ash cover.

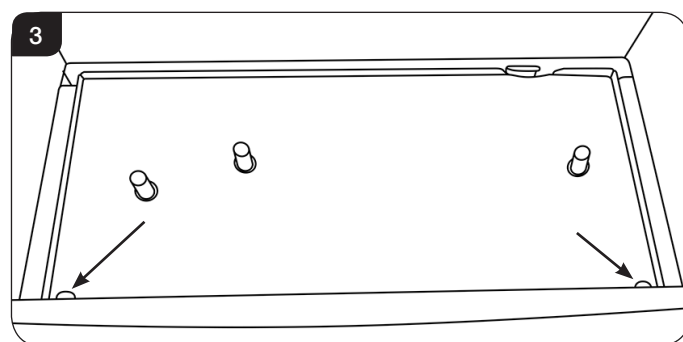
Slide Control

- 3.3 The appliance battery is located at the bottom left of the appliance behind the ash cover, see Diagram 2.

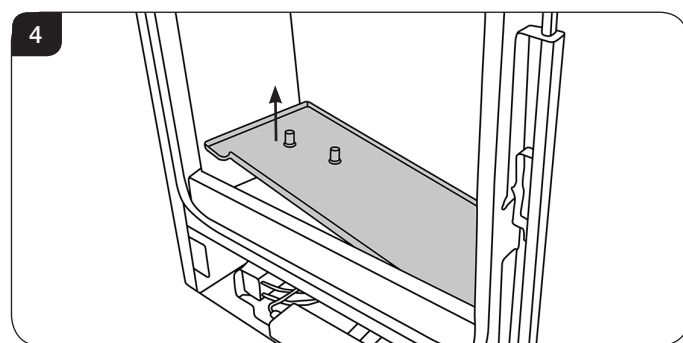


4. Main Burner

- 4.1 Remove the 2 screws at the front of the burner tray, see Diagram 3.



- 4.2 Lift the left hand side of the burner tray, before lifting the right hand side, see Diagram 4.



- 4.3 Slide the burner tray fully to the left and remove through the front of the firebox, see Diagram 4.

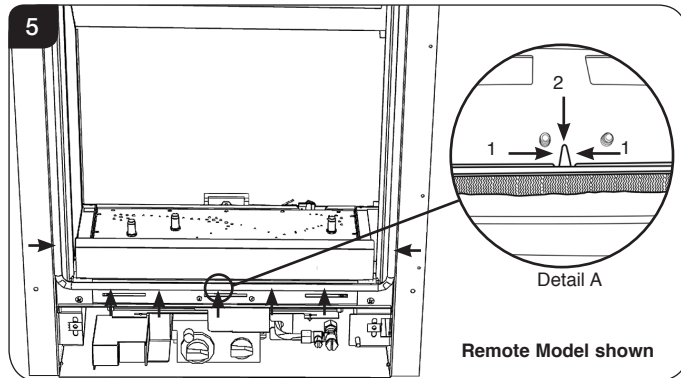
Servicing Instructions - Replacing Parts

5. Control Assembly

It will be necessary to remove the bottom section of the glass frame seal from the appliance.

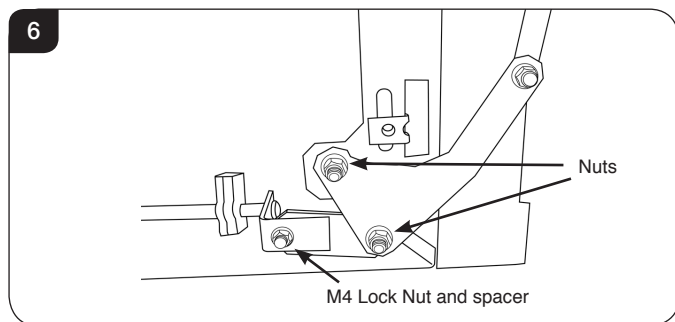
- 5.1 Push the arrow-headed spring clips out of the body. It may be necessary to slightly compress the clips to ease removal, see Diagram 5, Detail A.

NOTE: Only the lower 7 clips need to be removed.



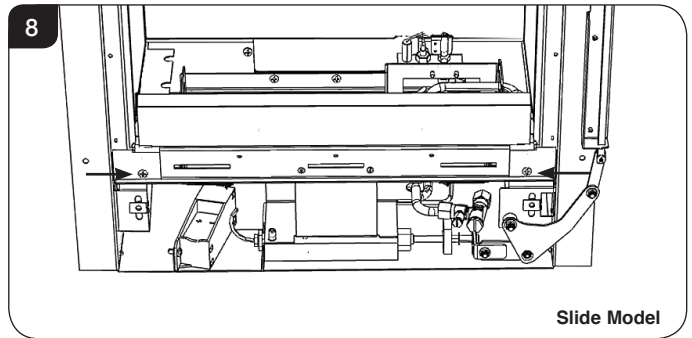
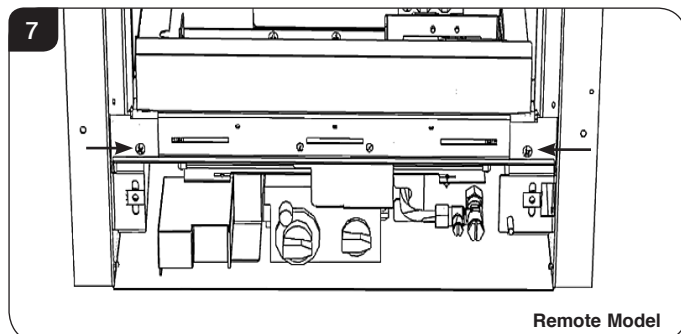
Slide Control only

- 5.2 Remove the M4 lock nut and spacer securing the slider arm to the appliance and loosen the 2 nuts, see Diagram 6. **Ensure that the spacer is retained and replaced when the control assembly is reinstalled.**



All Models

- 5.3 Remove the 2 screws positioned either side of the control valve bracket, see Diagram 7 & 8.



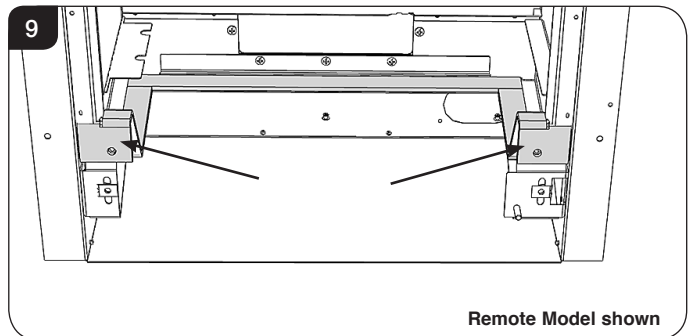
Slide Control Models: Take care not to catch the slide mechanism when removing the burner.

- 5.4 The burner unit can now be removed from the appliance. Lift the front of the assembly up and out from the appliance. Take care not to damage the door seal.

Take care not to damage the liners.

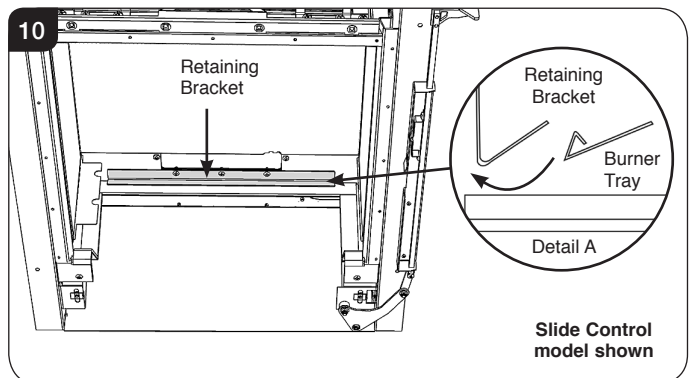
- 5.5 Replace in reverse order.

- 5.6 When refitting the Control Assembly ensure that the foam seal is flat against the appliance body, see Diagram 9.



Ensure the rear of the tray slides under the retaining bracket on the rear of the appliance, see Diagram 10.

NOTE: The burner unit and pipe work have been removed for clarity.



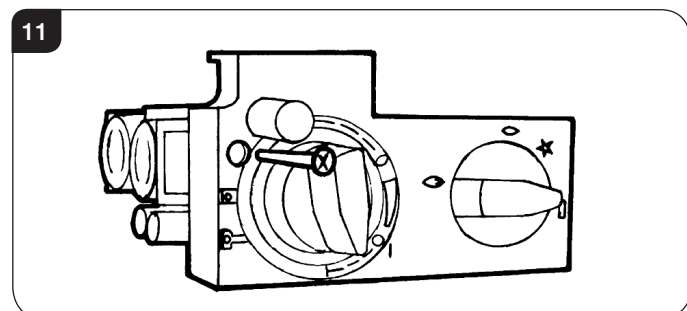
Servicing Instructions - Replacing Parts

6. Ignition Lead

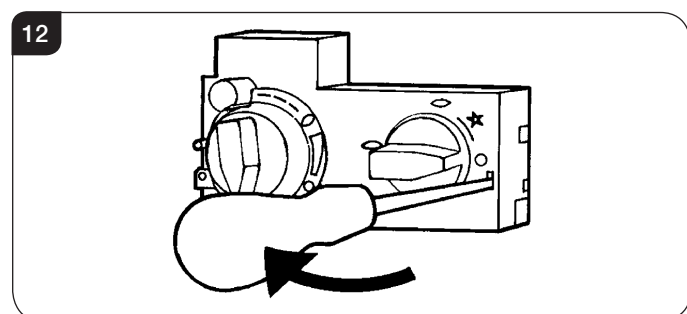
- 6.1 The different control versions of this appliance have different servicing requirements for the Ignition Lead. Follow the relevant section for each product.

Remote Control

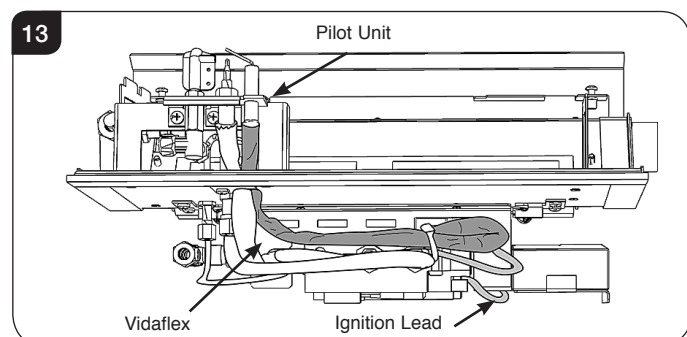
- 6.2 Undo the single screw that secures the left hand side of the control cover, see Diagram 11.



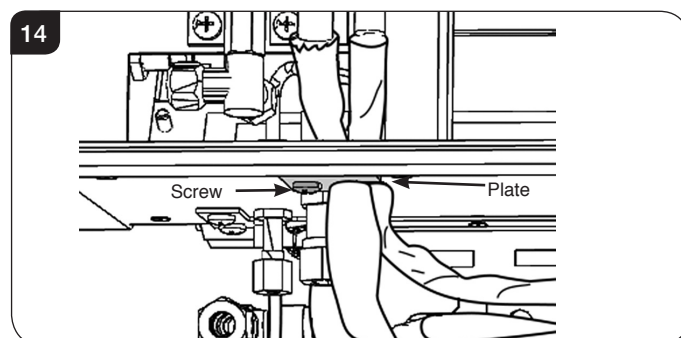
- 6.3 To release the right hand side of the control cover insert the narrow blade screwdriver into the slot shown in Diagram 12, lever it gently and pull from the right hand side at the same time. The cover will now come off, there is a small cylindrical metal spacer inside the cover, this must be kept and replaced on the fixing screw during re-assembly.



- 6.4 Disconnect the ignition lead from the gas valve and the pilot, see Diagram 13.



- 6.5 Remove the screw and sealant from plate, see Diagram 14.



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

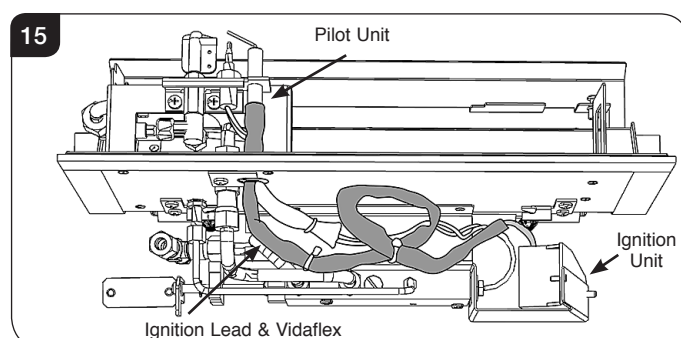
- 6.6 Feed ignition lead complete with vidaflex through metal plate.
- 6.7 Remove the vidaflex from the old ignition lead. **THIS MUST BE KEPT AND ASSEMBLED ON THE NEW LEAD. A CABLE TIE MUST ALSO BE USED TO RETAIN THE SLEEVE.**

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

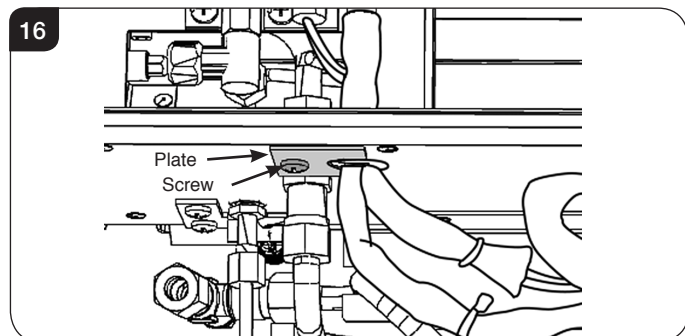
- 6.8 Refit the vidaflex cover over the new ignition lead and fit following the same route as the old one.
- 6.9 Replace the valve cover.
- 6.10 Refit the Control Assembly.
- 6.11 Check the operation of the new ignition lead.
- 6.12 Reassemble the appliance.

Slide Control

- 6.13 Disconnect the ignition lead from the ignition unit and the pilot unit, see Diagram 15.



6.14 Remove the screw and sealant from plate, see Diagram 16.



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

6.15 Feed ignition lead complete with vidaflex through metal plate.

6.16 Remove the vidaflex from the old ignition lead.

6.17 Refit the vidaflex cover over the new ignition lead and fit following the same route as the old one.

6.18 Refit the Control Assembly.

6.19 Check the operation of the new ignition lead.

6.20 Reassemble the appliance.

7. Piezo - Remote only

7.1 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.

8. ODS Pilot Unit



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

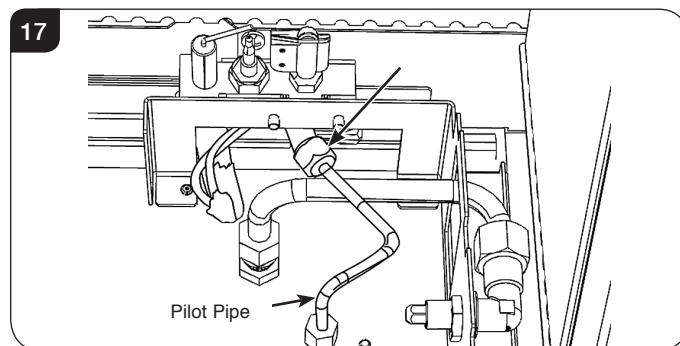
Note: The pilot unit on the appliance is a non serviceable unit due to the complex nature of its manufacture.

Replacement of the complete unit must be carried out when one of the following items becomes faulty:

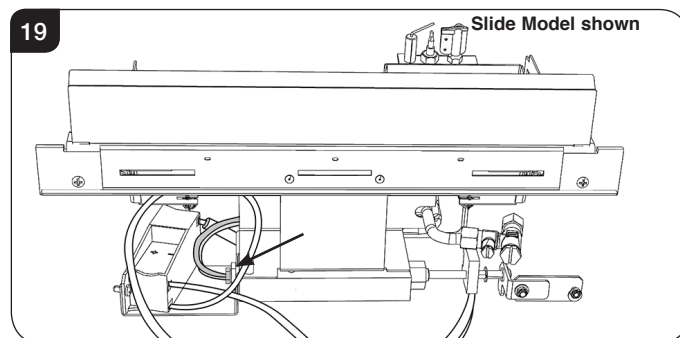
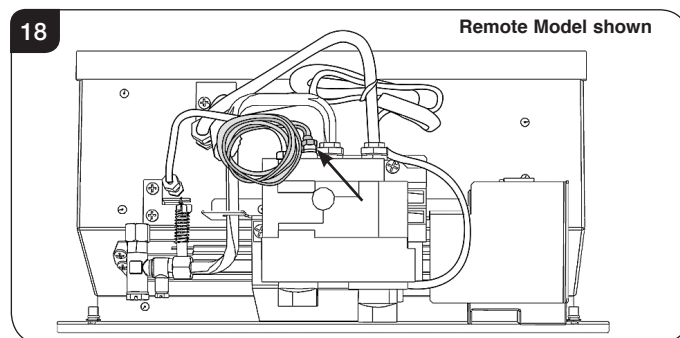
- Pilot injector
- Ignition electrode
- Thermocouple

8.1 Remove the Main Burner and Control Assembly, see Sections 4 & 5.

8.2 Undo the pilot pipe from the pilot unit, see Diagrams 17.

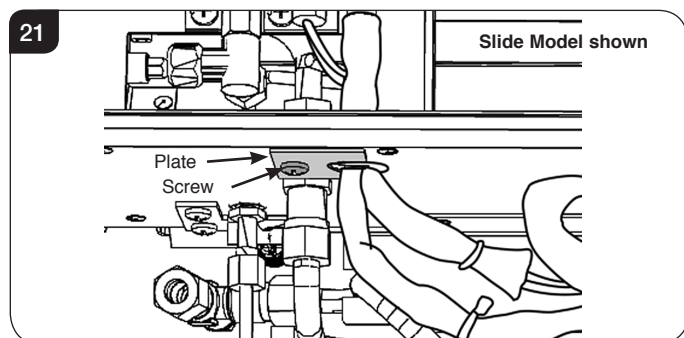
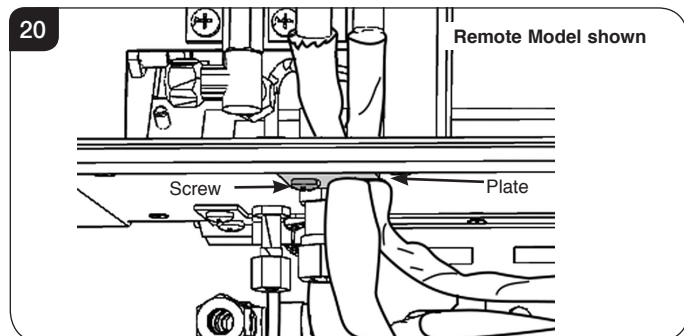


8.3 Undo the thermocouple connection from the gas valve, see Diagrams 18 & 19.



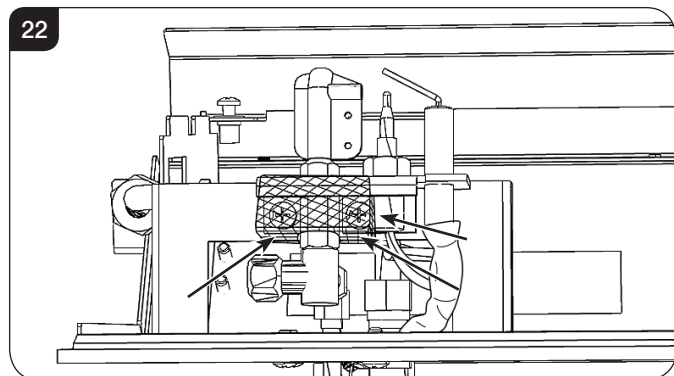
Servicing Instructions - Replacing Parts

- 8.4 Remove the screw and sealant from plate, see Diagrams 20 & 21.

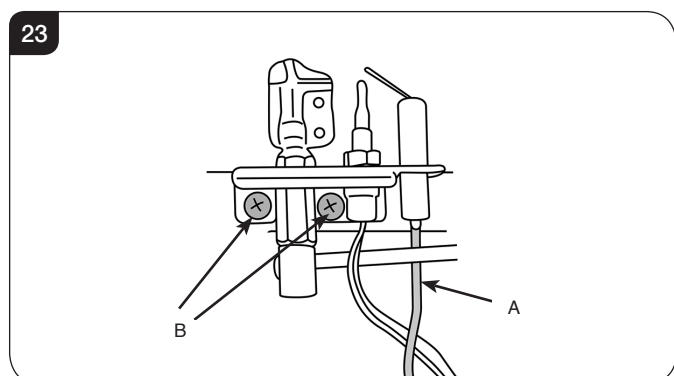


When replacing the cover plate ensure silicone sealant is used to seal the aperture.

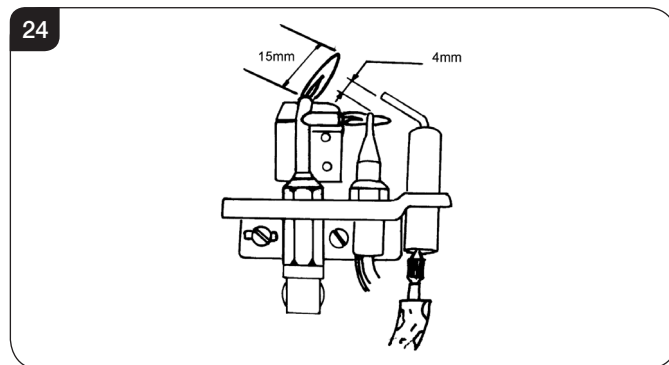
- 8.5 Gently bend the tabs back to remove the pilot cage, see Diagram 22.



- 8.6 Gently pull the ignition lead off the electrode, see Diagram 23, Arrow A.
- 8.7 Remove the 2 screws securing the pilot assembly, see Diagram 23, Arrow B.



- 8.8 Replace with a new pilot assembly and check the spark gap, see Diagram 24.

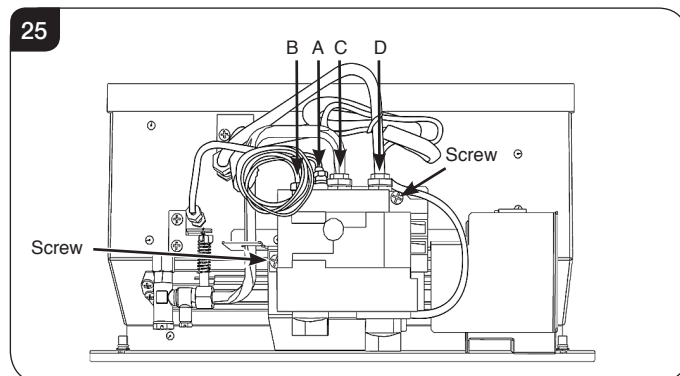


- 8.9 After reassembly check for gas soundness and carry out a flame failure functional check as detailed in the Fault Finding chart, especially the time it takes for the mag unit to close.

9. Gas Valve

Remote Control

- 9.1 To remove the gas valve first remove the thermocouple, see Diagram 25, Arrow A.

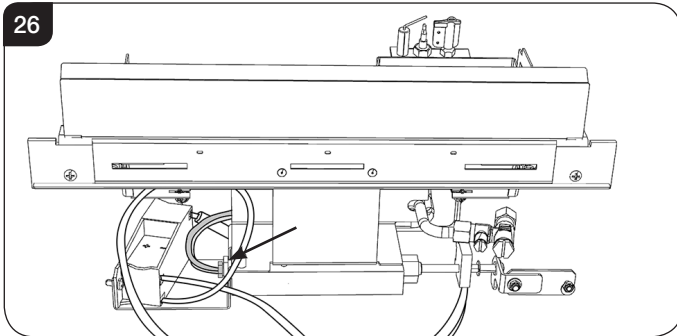


- 9.2 Undo the pilot pipe from the gas valve, see Diagram 25, Arrow B.
- 9.3 Undo the inlet pipe from the gas valve, see Diagram 25, Arrow C.
- 9.4 Undo the main injector feed pipe from the gas valve, see Diagram 25, Arrow D.
- 9.5 Disconnect the ignition lead from the pilot unit, see Diagram 23, Arrow A.
- 9.6 Undo 2 screws securing the gas valve to the bracket, see Diagram 25.
- 9.7 The gas valve can now be removed from the burner unit.
- 9.8 To replace the gas valve reverse the above procedure.
- 9.9 Check for gas leaks.

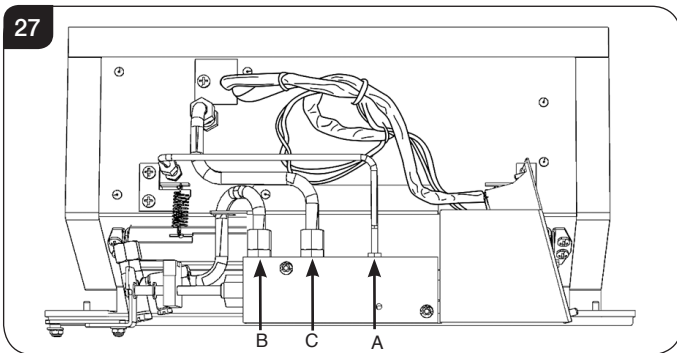
Servicing Instructions - Replacing Parts

Slide Control

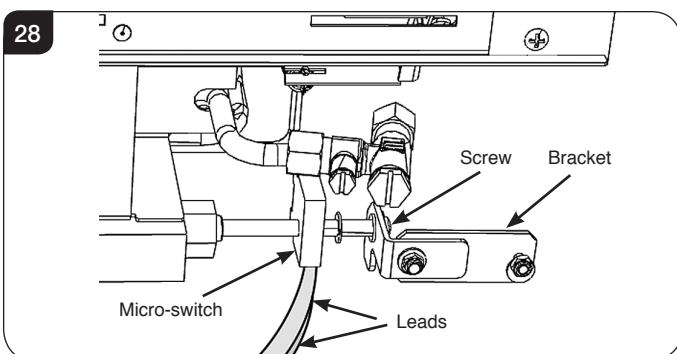
- 9.10 To remove the gas valve first remove the thermocouple, see Diagram 26.



- 9.11 Undo the pilot pipe from the gas valve, see Diagram 27, Arrow A.

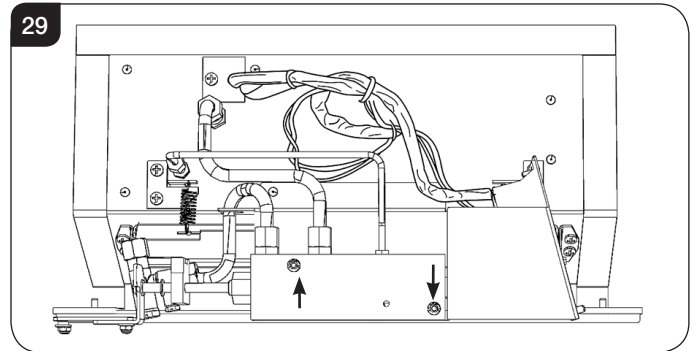


- 9.12 Undo the inlet pipe from the gas valve, see Diagram 27, Arrow B.
- 9.13 Undo the main injector feed pipe from the gas valve, see Diagram 27, Arrow C.
- 9.14 Disconnect the 2 leads from the micro-switch, see Diagram 28.



- 9.15 Undo the screw from the end of the spindle and remove the bracket, see Diagram 28. Ensure bracket is replaced during reassembly.

- 9.16 Remove the 2 screws from the gas valve, see Diagram 29.

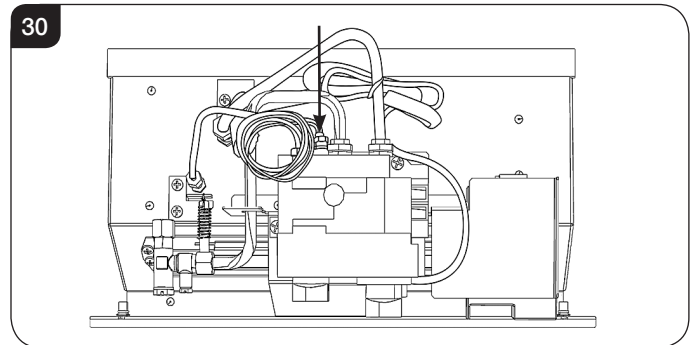


- 9.17 Replace in reverse order.

- 9.18 Check for gas leaks.

10. Mag Unit (Remote Control only)

- 10.1 Undo the thermocouple nut, see Diagram 30.

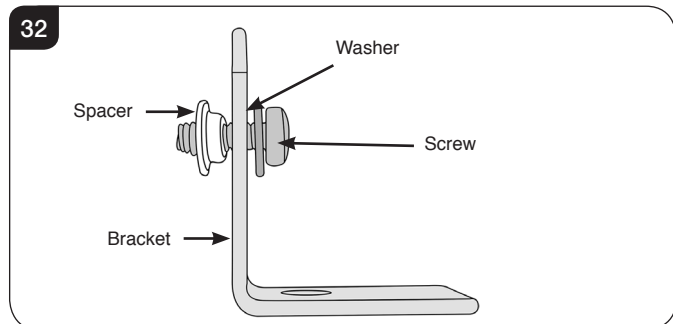
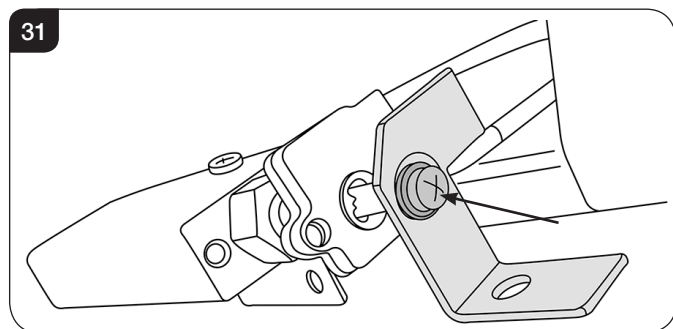


- 10.2 Undo the mag unit retaining nut at the back of the control valve behind the thermocouple nut.
- 10.3 After removing the retaining nut, the mag unit can be tapped out and a replacement fitted:
- 10.4 Replace the mag unit retaining nut and tighten.
Note - this is a gas-tight seal.
- 10.5 Replace the thermocouple and check for gas leaks.
- 10.6 After reassembly, carry out the flame failure functional check as detailed in the Fault Finding chart, especially the time it takes for the mag unit to close.

Servicing Instructions - Replacing Parts

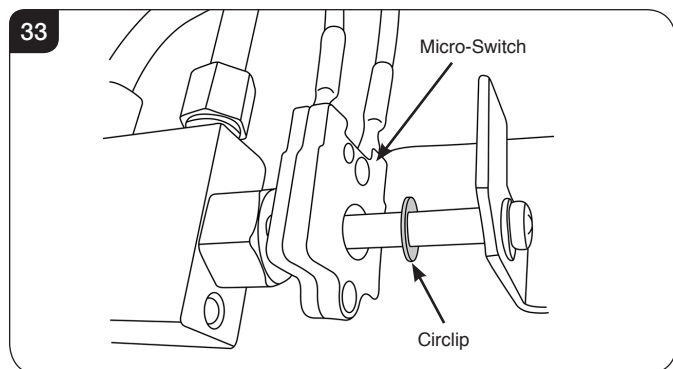
11. Micro-Switch (Slide Control Models only)

- 11.1 Disconnect the 2 leads from the Micro-Switch, see Diagram 28.
- 11.2 Remove the screw, bracket, washer & spacer from the Micro-Switch spindle, see Diagrams 31 & 32.



When replacing ensure that the components are assembled in the same order.

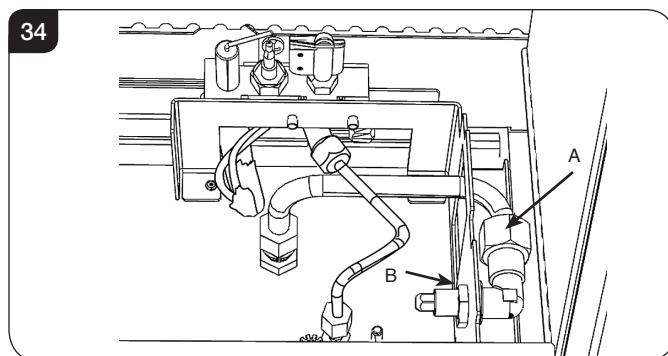
- 11.3 Remove the circlip from the spindle, see Diagram 33.



- 11.4 Replace the micro-switch.
- Reassemble in reverse order.

12. Main Injector

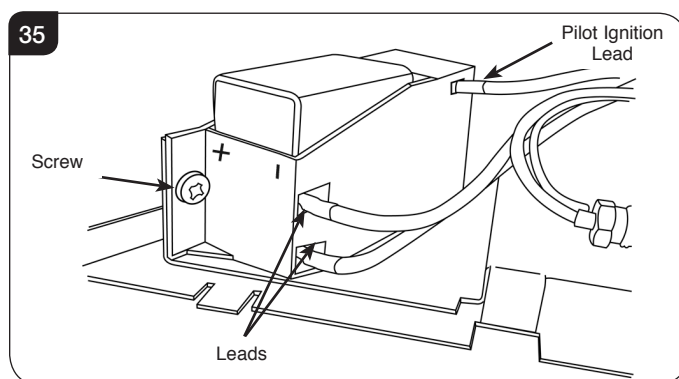
- 12.1 Undo the compression nut from the feed pipe, see Diagram 34, A.
- 12.2 Undo the lock nut from the injector, see Diagram 34, B.



- 12.3 Replace with the correct replacement injector. When ordering, always state the model, gas type and serial number.
- 12.4 Reassemble and turn the gas supply on, check for any leaks.

13. Ignition Unit (Slide Control Models only)

- 13.1 Remove the battery, see Section 3.
- 13.2 Remove the 2 leads and the pilot ignition lead from the ignition unit, see Diagram 35.



- 13.3 Undo the screw securing the unit in place, see Diagram 35.
- 13.4 Slide the unit forward to remove.
- 13.5 Replace in reverse order.

Servicing Instructions - Replacing Parts

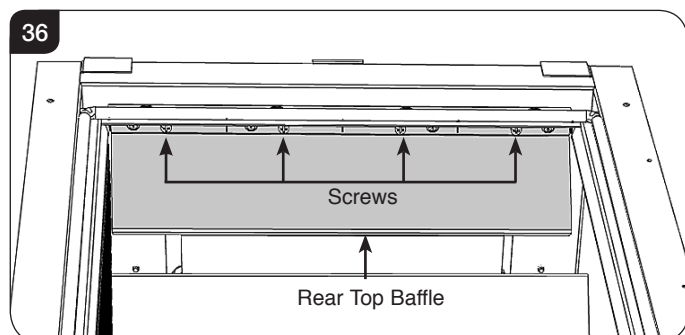
14. Baffle & Liners

The Baffle and Liners do not need to be removed for servicing.

This appliance fitted with twin baffle system, consisting of a front and rear baffle.

FRONT TOP BAFFLE

- 14.1 Undo the 4 screws securing it to the roof of the firebox, see Diagram 36.



- 14.2 The Front Top Baffle can now be removed by lowering the front edge and pulling forward through the front of the appliance.

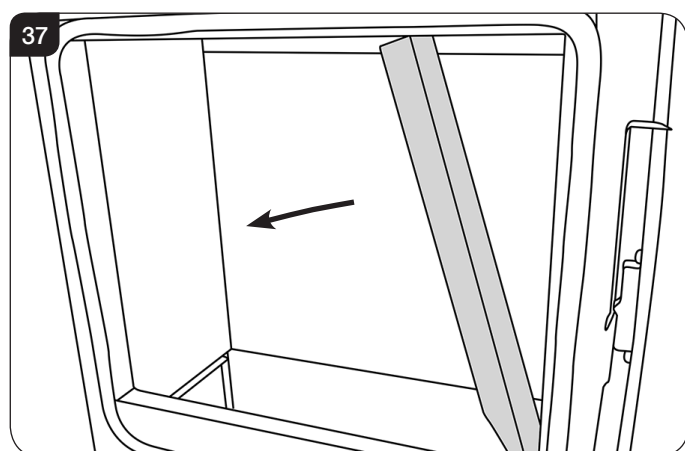
TAKE CARE NOT TO DAMAGE THE SIDE PANELS.

- 14.3 Note: When replacing the baffle ensure that the rear edge locates above the rear Top Baffle, see Diagram 36. Take care not to damage the rope seal pins and liners.

LINERS

Once the Front Top Baffle has been placed carefully to one side the liners can then be taken out in the following order.

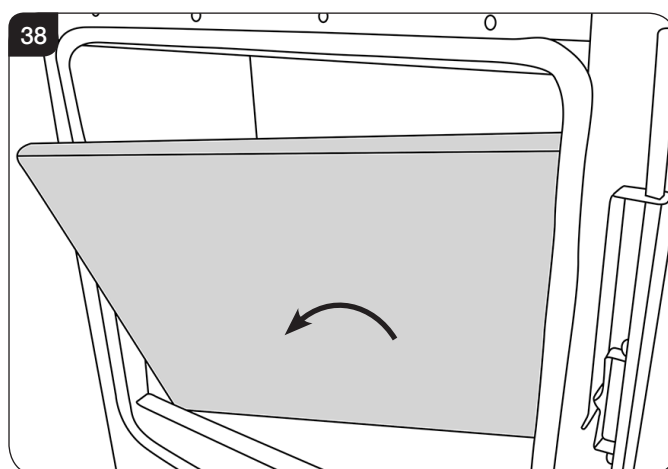
- 14.4 To remove the Right Hand liner first tilt inwards towards the centre of the firebox before lifting up and pulling out through the front of the firebox, see Diagram 37.



- 14.5 To remove the Left Hand liner first tilt inwards towards the centre of the firebox before lifting up and pulling out through the front of the firebox, see Diagram 37.

The 2 side liners also support the rear liner. Taking out the side liners will allow the rear liner to move forward so ensure it is supported.

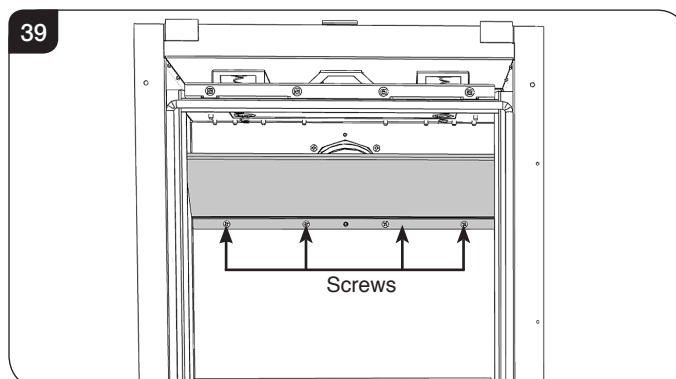
- 14.6 Remove the rear liner by carefully leaning the top edge forward and twisting slightly to allow it to be removed through the front of the appliance, see Diagram 38.



REAR TOP BAFFLE

Once the Front Top Baffle and Liners have been placed carefully to one side the Rear Top Baffle can then be taken out in the following order.

- 14.7 Undo the 4 screws securing it to the roof of the firebox, see Diagram 39.



- 14.8 The Rear Top Baffle can now be removed by lowering the front edge and pulling forward through the front of the appliance.

- 14.9 To replace the liners and baffle reverse these procedures.

15. Changing between Gas Types

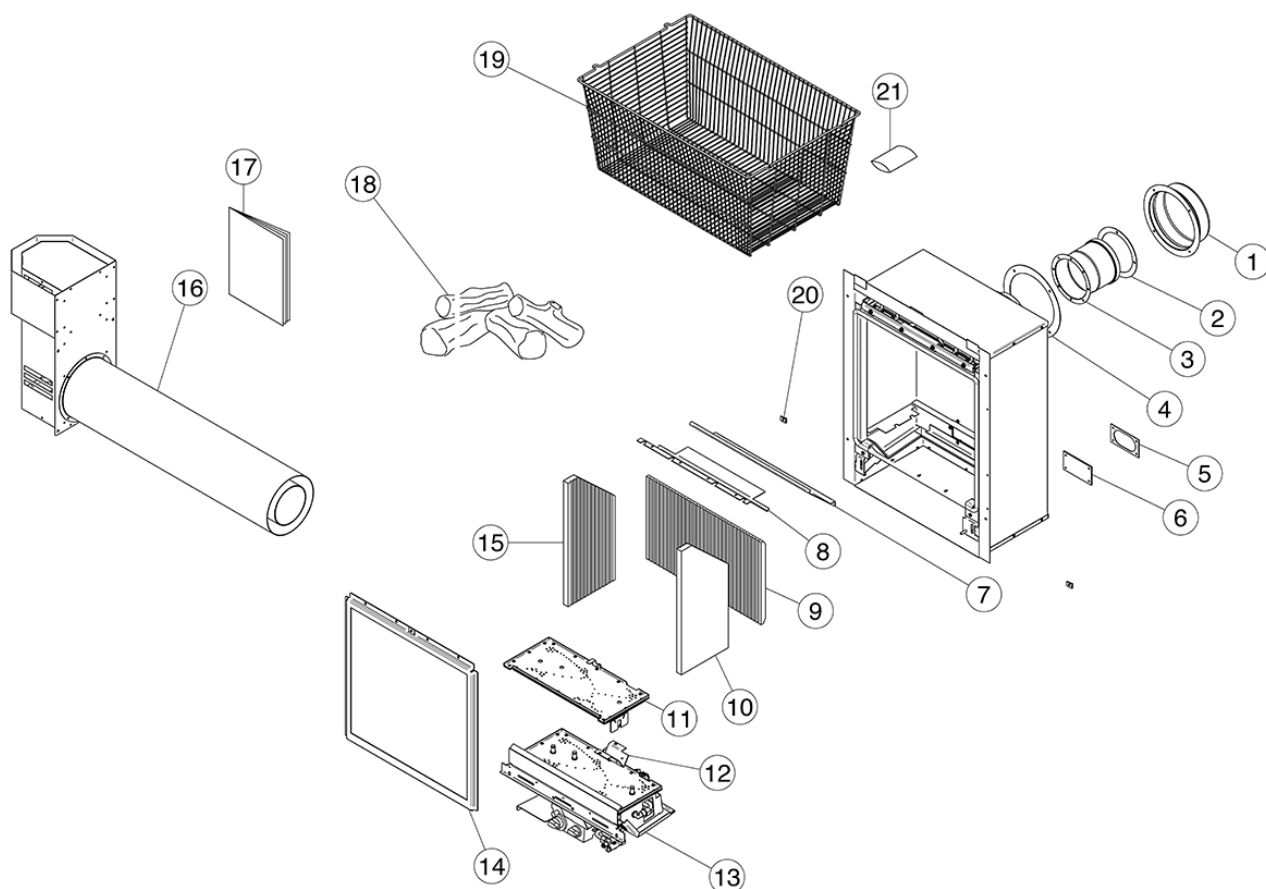
In order to change between gas types, it will be necessary to change the **Gas Valve, Pilot, Injector, Burner, & Databadge**.

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. Nonstandard components will invalidate the guarantee and may be dangerous.

Servicing Instructions - Replacing Parts

16a. Spares List - Remote Control



MANUAL				
No.	Component	Part Code		Quantity
		Natural Gas	LPG	
1	Outer Spigot	MEC0269		1
2	Inner Flue Spigot Gasket	CE0210		1
3	Inner Spigot	MEC0275		1
4	Outer Flue Spigot Gasket	CE0211		1
5	Inlet Plate	ME3746		1
6	Inlet Silicone Seal	FA0354		1
7	Internal Baffle Rear	GZ14790		1
8	Top Baffle	GZ14789		1
9	Black Reed Rear Lining	CE1967		1
10	Black Reed RH Lining	CE1966		1
11	Burner Assembly	GZ15411	GZ15412	1

MANUAL				
No.	Component	Part Code		Quantity
		Natural Gas	LPG	
12	Aeration Plate	GZ10405	GZ10409	1
13	Engine Assembly	GZ15413N	GZ15413P	1
14	Door Assembly	GZ14017		1
15	Black Reed LH Lining	CE1965		1
16	Rear Exit BF Terminal	MEC0226		1
17	Installation Instructions	PR2537		1
18	Log Set	CE1755		1
19	Terminal Guard	999-159		1
20	Spire Clip	FA0041		2
21	Embaglow	GZ8472		1



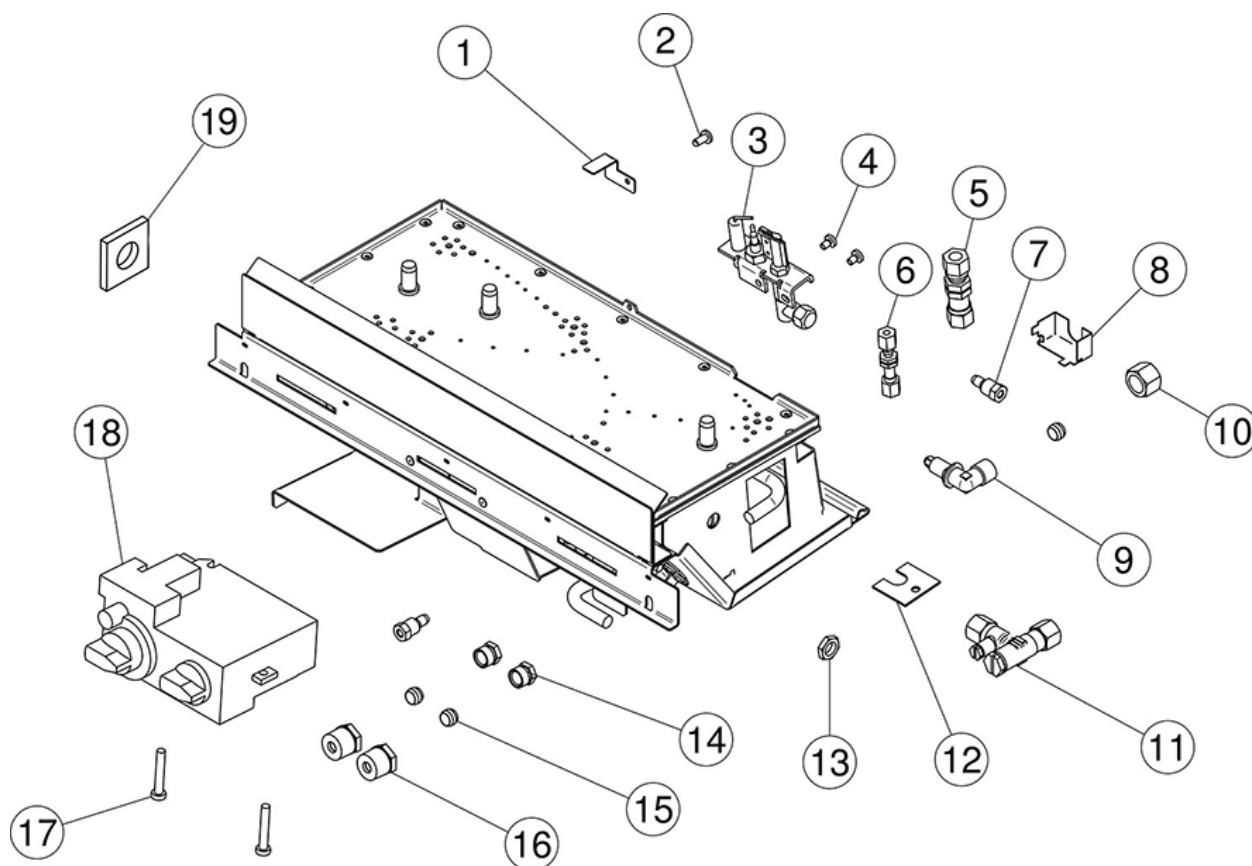
Due to continual technical improvements please check online or with your Gazco retailer for the most up to date parts lists.

Only use Genuine Gazco spares when servicing your appliance.

All of our essential spare parts and consumable items are available to purchase from our webshop at www.gazcospares.com.

Servicing Instructions - Replacing Parts

16a. Spares List - Remote Control - Burner Assembly



MANUAL				
No.	Component	Part Code		Quantity
		Natural Gas	LPG	
1	Log Support	GZ15302	-	1
2	No.8 x 10mm Black Pozidrive Screw	FA0016	-	1
3	Oxypilot	PI0044	PI0045	1
4	M4 x 6mm S/Steel Tap Tight Screw	FA0154		2
5	8mm Bulk Head Fitting	FA0271		1
6	4mm Bulk Head Fitting	FA0270		1
7	SIT 4mm Shear Off Nut & Olive	GC0024		2
8	Lint Arrester Shield	PI0056		1
9	Injector	Size 165A IN0078	Size 104 IN0056	1

MANUAL				
No.	Component	Part Code		Quantity
		Natural Gas	LPG	
10	1/4" BSP Nut 1	FA0029		1
11	Inlet Isolation Device	GC0095		1
12	Therm/HT Lead Cover PLT	GZ2020		1
13	1/8 BSP Locknut Brass	FA0241		1
14	8mm Internal Tube Nut	FA0295		2
15	8mm Olive	FA0011		3
16	3/8 BSP Brass Adapter (Cassette R/C Valve)	FA0294		2
17	M% x 30mm Long Zinc Plated Pozi Pan Head	FA0278		2
18	Control Body & Cover Assembly	GC0088K		1
19	Venturi Seal	FA0171		1



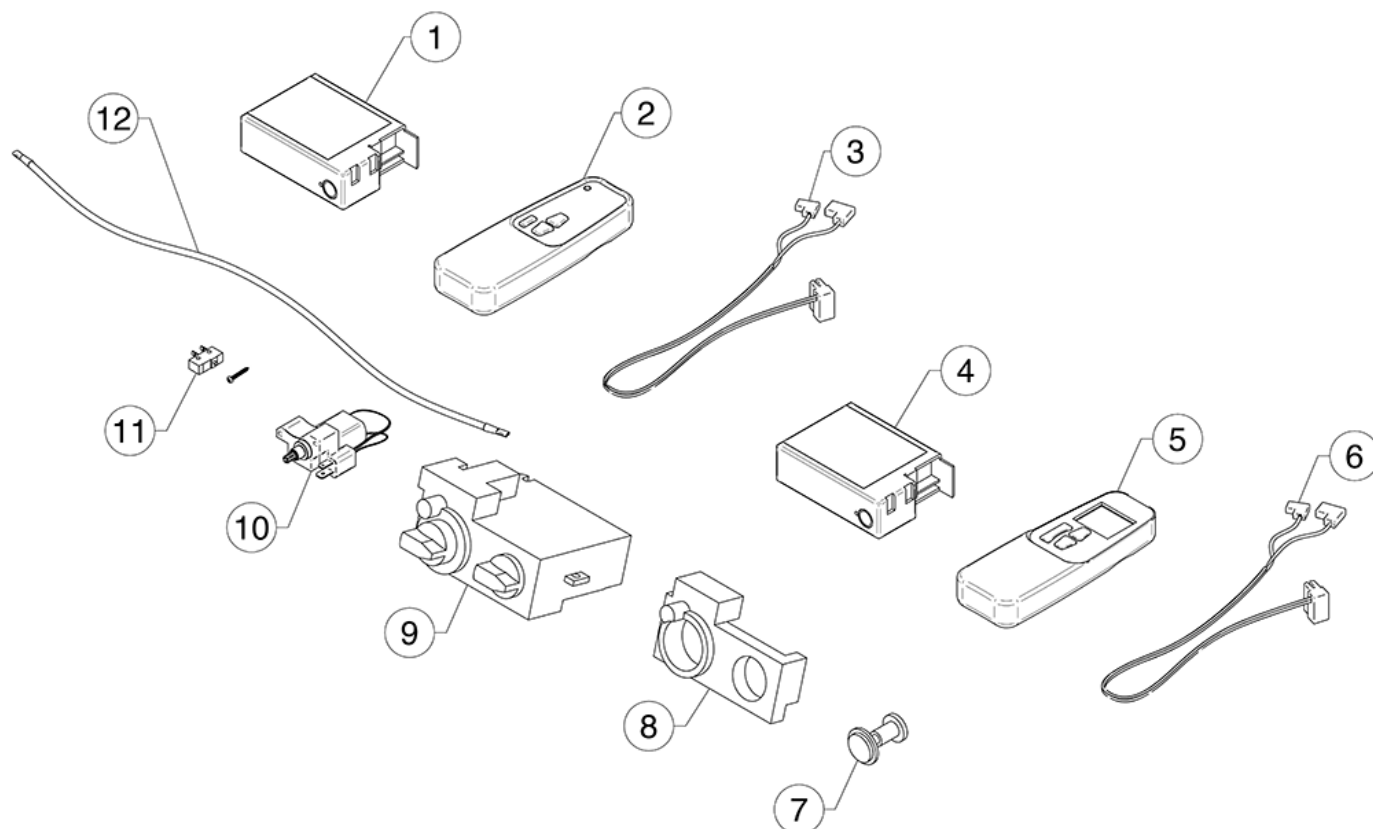
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Servicing Instructions - Replacing Parts

16a. Spares List - Remote Control - Control Assembly



No.	Component	Part Code		
		Natural Gas	LPG	Quantity
1	Standard Receiver	EL0235		1
2	Standard Handset	EL0239		1
3	Standard Receiver Cable	EL0237		1
4	Thermostatic Receiver	EL0236		1
5	Thermostatic Handset	EL0240		1
6	Thermostatic Receiver Cable	EL0238		1
7	Mag Unit	GC0166		1
8	Control Valve Cover	GC0087		1
9	Control Valve	GC0088K		1
10	Geared Motor	EL0234		1
11	Micro Switch and Screw	EL0241		1
12	Ignition Lead	GC0090		1



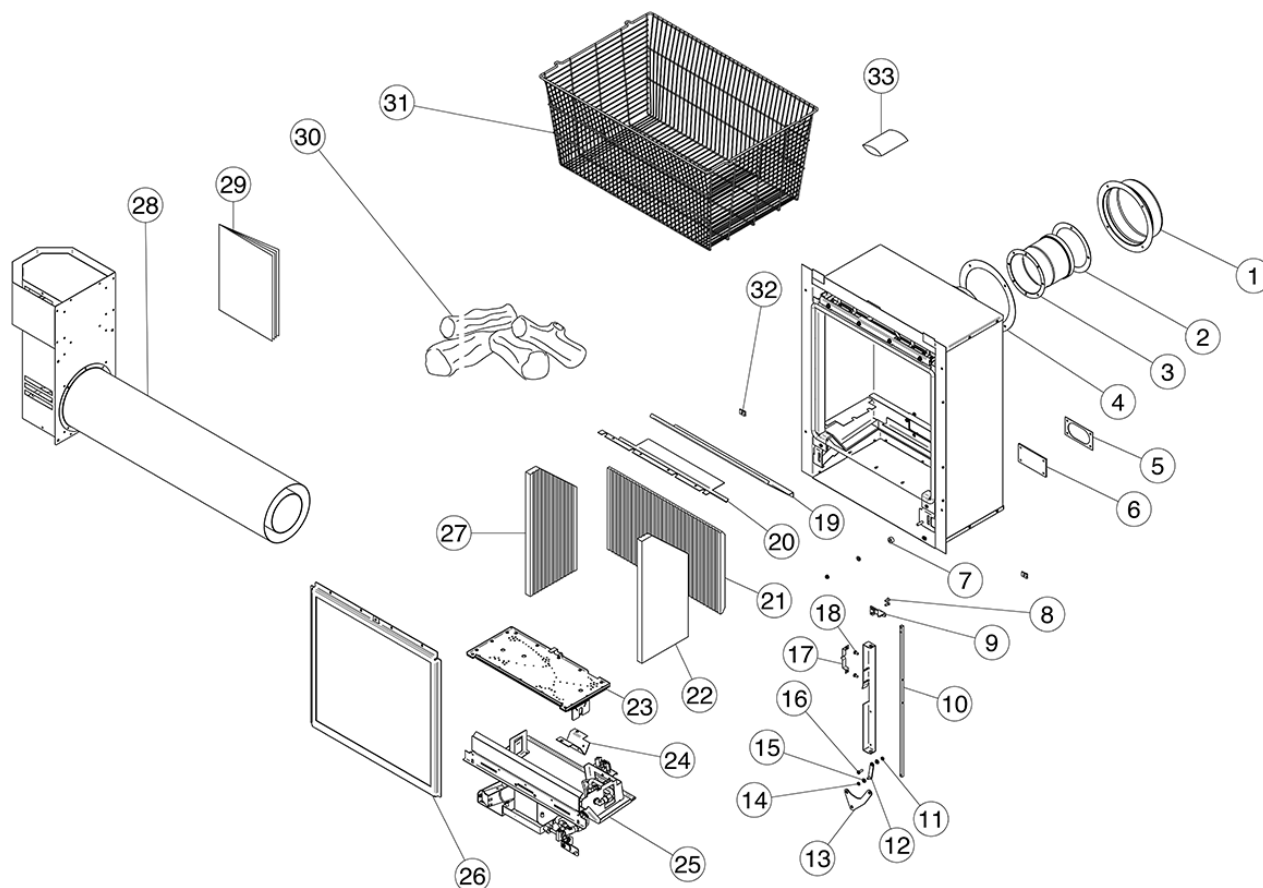
Due to continual technical improvements please check online or with your Gazco retailer for the most up to date parts lists.

Only use Genuine Gazco spares when servicing your appliance.

All of our essential spare parts and consumable items are available to purchase from our webshop at www.gazcospares.com.

Servicing Instructions - Replacing Parts

16b. Spares List - Slide Control



No.	Component	Part Code		Quantity
		Natural Gas	LPG	
1	Outer Spigot	MEC0269		1
2	Inner Flue Spigot Gasket	CE0210		1
3	Inner Spigot	MEC0275		1
4	Outer Flue Spigot Gasket	CE0211		1
5	Inlet Plate	ME3746		1
6	Inlet Silicone Seal	FA0354		1
7	Metal Spacer	FA0691		1
8	M4 x 10 CSK Posi Head	FA0330		2
9	Folded Handle	GZ11002		1
10	Pushrod	GZ11009		1
11	Brass Hex Nut M4	FA0202		1
12	Link Plate	GZ10052		1
13	Crank Lever	ME11008		1
14	M4 Nyloc Nut Zinc Plated	C94323		2
15	Circular Clearance Spacer	FA0685		2
16	M4 x 12 Pan HD Screw	D2150-1412		1

No.	Component	Part Code		Quantity
		Natural Gas	LPG	
17	Spring Clip	GZ11061		1
18	M4 x 6 Pozi Pan Head	FA0694		2
19	Internal Baffle Rear	GZ14790		1
20	Top Baffle	GZ14789		1
21	Black Reed Rear Lining	CE1967		1
22	Black Reed RH Lining	CE1966		1
23	Burner Assembly	GZ15411	GZ15412	1
24	Aeration Plate	GZ10405	GZ10409	1
25	Engine Assembly	GZ15413N	GZ15413P	1
26	Door Assembly	GZ14017		1
27	Black Reed LH Lining	CE1965		1
28	Rear Exit BF Terminal	MEC0226		1
29	Installation Instructions	PR2756 / PR2537		1
30	Log Set	CE1755		1
31	Terminal Guard	999-159		1
32	Spire Clip	FA0041		2
33	Embaglow	GZ8472		1



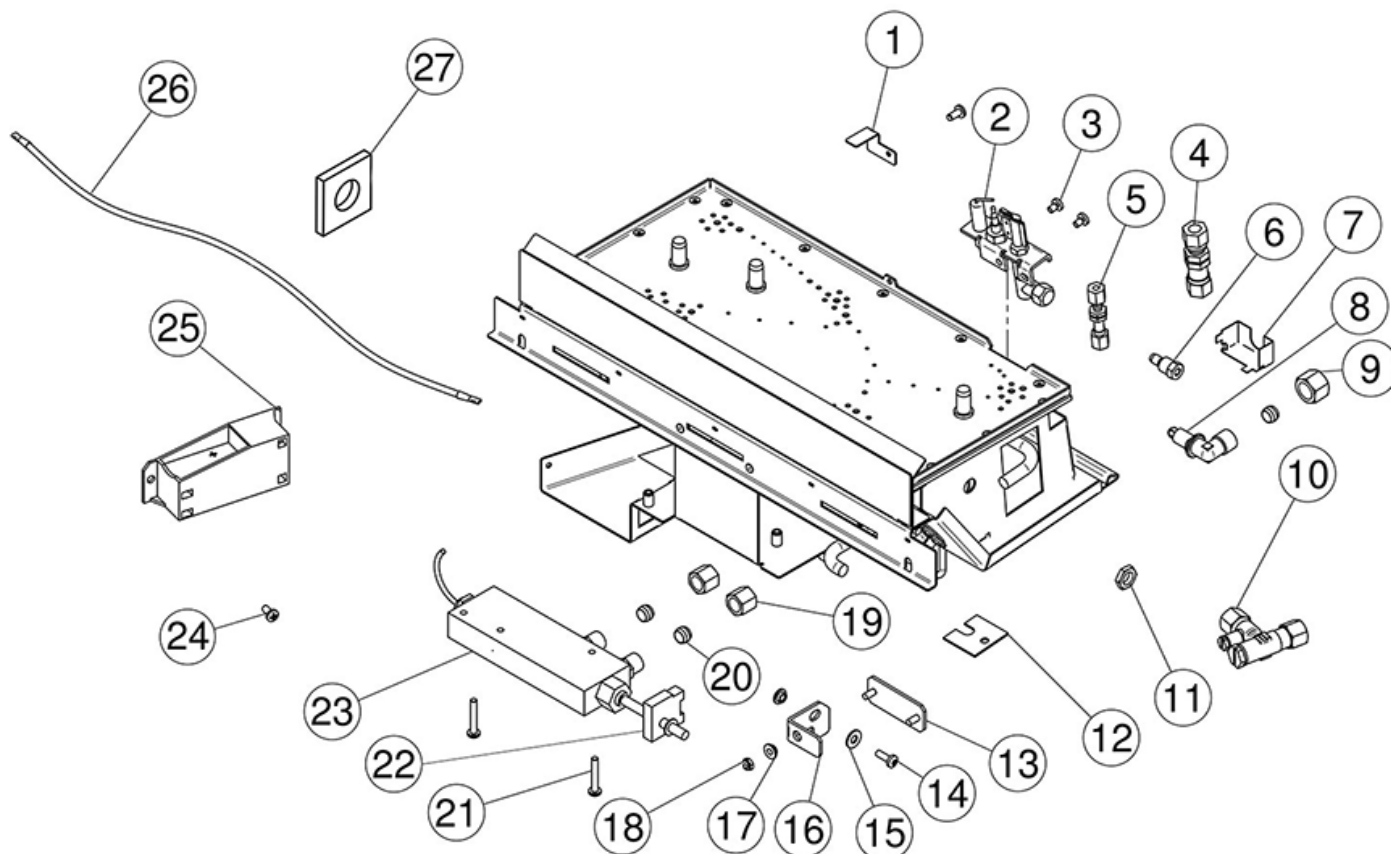
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Servicing Instructions - Replacing Parts

16b. Spares List - Slide Control - Burner Assembly



No.	Component	Part Code		Quantity
		Natural Gas	LPG	
1	Log Support	GZ15302	-	1
2	Oxypilot	PI0044	PI0045	1
3	M4 x 6mm S/Steel Tap Tight Screw	FA0154		2
4	8mm Bulk Head Fitting	FA0271		1
5	4mm Bulk Head Fitting	FA0270		1
6	SIT 4mm Shear Off Nut & Olive	GC0024		1
7	Lint Arrestor Shield	PI0056		1
8	Injector	Size 161 IN0073	Size 104 IN0056	1
9	1/4" BSP Nut 1	FA0029		1
10	Inlet Isolation Device	GC0095		1
11	1/8 BSP Locknut Brass	FA0241		1
12	Therm/HT Lead Cover PLT	GZ2020		1
13	Bottom Link (39mm CTR)	GZ11577		1

No.	Component	Part Code		Quantity
		Natural Gas	LPG	
14	M4 x 12 Pan HD Screw	D2150-1412		1
15	M5 Large Washer Zinc Plated	FA0705		2
16	Valve Actuator Bracket	GZ11007		1
17	Circular Clearance Spacer M4	FA0685		2
18	M4 Nyloc Nut	C94323		1
19	8mm Nut	FA0122		2
20	8mm Olive	FA0011		3
21	M4 x 25 Pozi Pan Head	FA0186		2
22	Micro-Switch Fixing Kit	GC0179		1
23	Control Valve	GC0168		1
24	No 8 x 10mm Black Pozidrive Screw	FA0016		1
25	Slide Control Ignitor	EL0573		1
26	Ignition Lead	EL0578		3
27	Venturi Seal	FA0171		1



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Service Records

1ST SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/GasSafe Registration Number

2ND SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/GasSafe Registration Number

3RD SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/GasSafe Registration Number

4TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/GasSafe Registration Number

5TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/Gas Safe Registration Number

6TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/GasSafe Registration Number

7TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/GasSafe Registration Number

8TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/GasSafe Registration Number

9TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/GasSafe Registration Number

10TH SERVICE

Date of Service:.....

Next Service Due:.....

Signed:.....

Retailer's Stamp/GasSafe Registration Number

Information Requirement - Gas Heaters

Information Requirement for Gaseous Fuel Local Space Heater

Model		Logic HE BF Remote Control NG Log	Logic HE BF Remote Control LPG Log	Logic HE BF Slide Control NG Log	Logic HE BF Slide Control LPG Log
Fuel	Space Heating Emissions (NOx) - mg / kWh _{input} (GCV)	130	130	130	130

Heat Output	Nominal Heat Output - P_{nom}	3.4kW	3.3kW	3.4kW	3.3kW
	Minimum Heat Output (indicative) - P_{min}	1.9kW	1.9kW	1.9kW	1.9kW

Auxiliary Electricity Consumption	At Nominal Heat Output - $e_{l,max}$	N/A	N/A	N/A	N/A
	At Minimum Heat Output - $e_{l,min}$	N/A	N/A	N/A	N/A
	In Standby Mode - $e_{l,sb}$	N/A	N/A	N/A	N/A

Useful Efficiency (NCV)	Useful Efficiency at nominal heat output - $\eta_{th,nom}$	86.0%	86.0%	86.0%	86.0%
	Useful Efficiency at minimum heat output (indicative) - $\eta_{th,min}$	79.3%	81.5%	79.3%	81.5%

Permanent Pilot Flame Power requirement	Permanent Pilot Flame Power requirement (if applicable) - P_{pilot}	0.2kW	0.2kW	N/A	N/A
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Type of heat output/room temperature control				
Two or more manual stages, no room temperature control	No	No	Yes	Yes
Electronic thermostat + day timer	Yes*	Yes*	No	No

Other control options (multiple selections possible)				
Room temperature control, with presence detection	No	No	No	No
Room temperature control, with open window detection	No	No	No	No
With distance control option	No	No	No	No
With adaptive start control	No	No	No	No
With working time limitation	No	No	No	No
With black bulb sensor	No	No	No	No

Energy Efficiency Index	79.1%	79.0%	77.0%	77.0%
Energy Efficiency Class	C*	C*	C	C

Contact:	Gazco Ltd, Osprey Road, Sowton Industrial Estate, Exeter, EX2 7JG
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* Achievable using Thermostatic and Timer Remote Control upgrade kit, part number 8456.

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

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