



Fire Your Imagination

Logic HE™ Range

Conventional Flue



Instructions for Use

For use in NZ (New Zealand).

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

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

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

Contents

Logic HE Conventional Flue

Covering the following models:

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

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.

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WARRANTY

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

User Instructions

WARNING



DO NOT OPERATE THIS APPLIANCE BEFORE READING THE INSTRUCTION BOOKLET.

DO NOT PLACE ARTICLES ON OR AGAINST THIS APPLIANCE.

DO NOT USE OR STORE FLAMMABLE MATERIALS NEAR THIS APPLIANCE.

DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION.

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

DO NOT MODIFY THIS APPLIANCE.



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 or Gas Supplier.

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 an authorised person.
- 1.2 In all correspondence, please quote the appliance type and serial number, which can be found on the data badge adjacent to the control knob or on the Commissioning Check sheet.
- 1.3 **Do not** place curtains above the appliance: You must have 300mm (1') clearance between the appliance and any curtains at either side.
- 1.4 No furnishings or other objects should be placed within 1 metre of the front of the appliance.
- 1.5 If a shelf is fitted, a distance of 150mm above the decorative front is required.
- 1.6 If any cracks appear in the glass panel do not use the appliance until the panel has been replaced.
- 1.7 The decorative front will become hot during normal use and should be treated as a working surface. It is recommended that a suitable fireguard be used for the protection of young children and the infirm.
- 1.8 This appliance is designed to operate with luminous flames and slight carbon deposits may be experienced.
- 1.9 This product is guaranteed from the date of installation, as set out in the terms and conditions of sale between Gazco and your local Gazco retailer. Please consult with your local Gazco retailer if you have any questions. In all correspondence always quote the Model Number and Serial Number.



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

User Instructions

2. Operating the Appliance

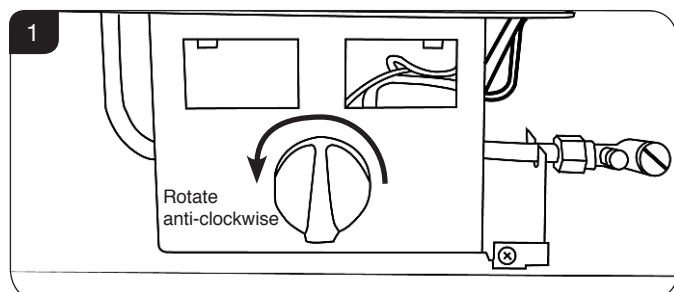
2.1 There are three types of control systems available for this appliance:

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

Follow the relevant section for specific operation.

Manual Control

2.2 Locate the control valve on the appliance. It has a single manual control, see Diagram 1:



Lighting the Pilot

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

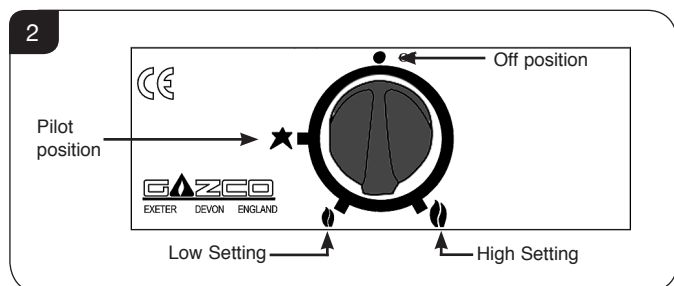
2.4 Hold in for a further 10 seconds.
When released the pilot should remain lit.

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

Adjusting the Flame height

2.5 From the pilot position push the valve knob in slightly and rotate anti-clockwise until the first stop point is felt.
This denotes the lowest setting.

2.6 Push the valve knob in slightly and rotate further in an anti-clockwise direction.
The final stop point is the highest setting.



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



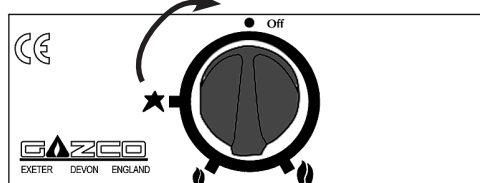
WARNING: IF THE APPLIANCE FAILS TO LIGHT OR BECOMES EXTINGUISHED IN USE, WAIT 3 MINUTES BEFORE ATTEMPTING TO RELIGHT.

Switching OFF the Appliance

2.7 To switch the appliance off turn the control knob clockwise until it is returned to the off position, see Diagram 3.

3

Rotate clockwise



The knob should be upright.

User Instructions

Remote Control

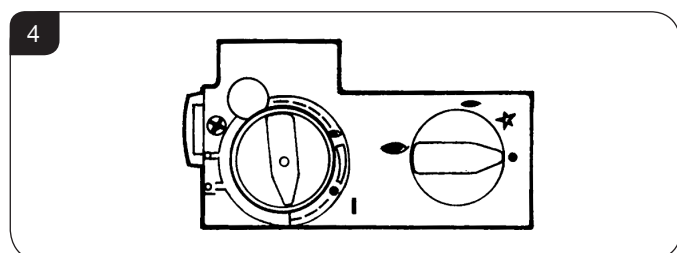
The pilot on Remote Control appliances must be lit manually from the valve unit before operation.

The control valve is at the foot on the right-hand side of the appliance. It has two controls, see Diagram 4:

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

Lighting the Pilot

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



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

The pilot is lit.

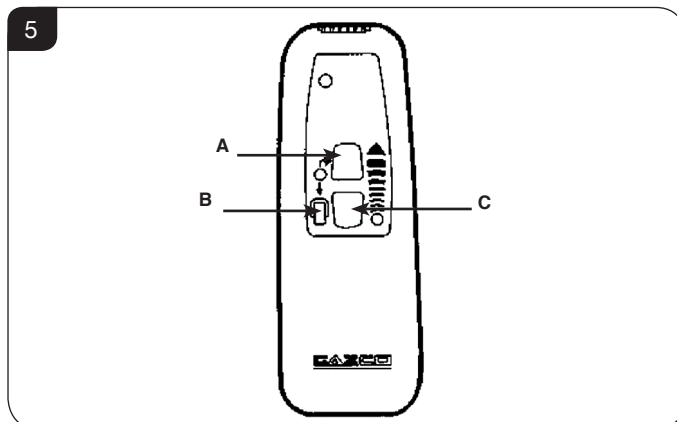
- 2.10 Keep the knob depressed for 10 seconds before releasing. The pilot remains lit.

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

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

- 2.11 If, after repeating the above steps the pilot does not light, contact your Retailer or Installer.
- 2.12 Turn the right-hand control to point to main burner (↗). The appliance can now be controlled by the remote handset.
- 2.13 The Standard remote controls the appliance when:
- the pilot is lit.
 - the right-hand control points to main burner (↗).

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:

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

Adjusting the Flame height:

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

To make small adjustments to flame height:

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



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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 ↗.

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

User Instructions

Remote Control

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

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

Controls on Appliance

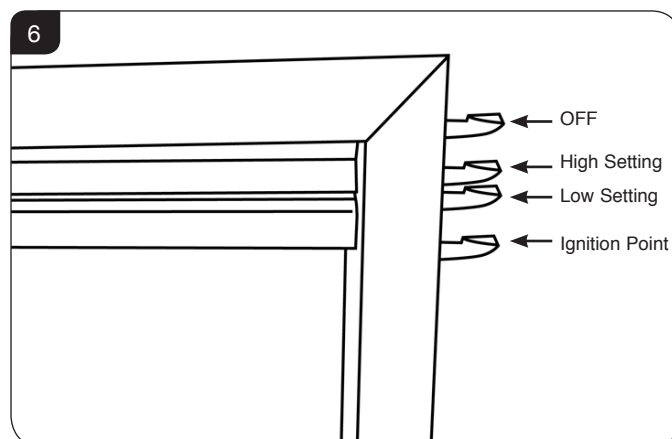
- 2.21 Use the controls on the appliance to turn the appliance off by turning the left-hand control knob until it points to Off (●). A click is heard and the main burner goes out leaving the pilot burning and ready to operate ➡.

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

Slide Control

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

When the appliance is OFF the slide control will be at the highest point, see Diagram 6.



Lighting the Pilot

- 2.22 Push the slide control down as far as possible to its lowest point, see Diagram 6, 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.

- 2.23 When released the slide control automatically raises to a natural stop point, see Diagram 6.

Repeat the above steps if the appliance does not light.

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

Adjusting the Flame height

- 2.25 Increase the flame height and temperature by carefully moving the slide control up until the next stop point is felt, see Diagram 6. This denotes the highest setting.

- 2.26 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.

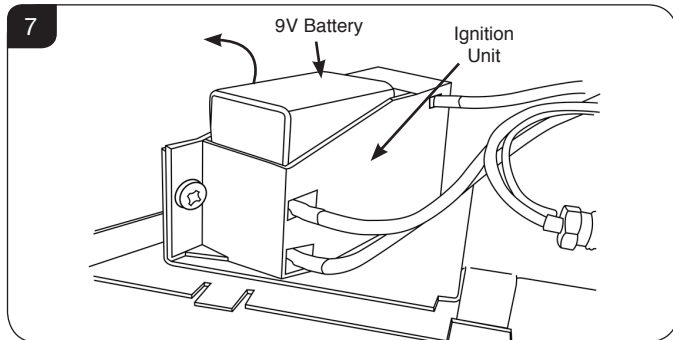
User Instructions

Switching OFF the Appliance

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

3. Changing the Battery (Slide Control Model only)

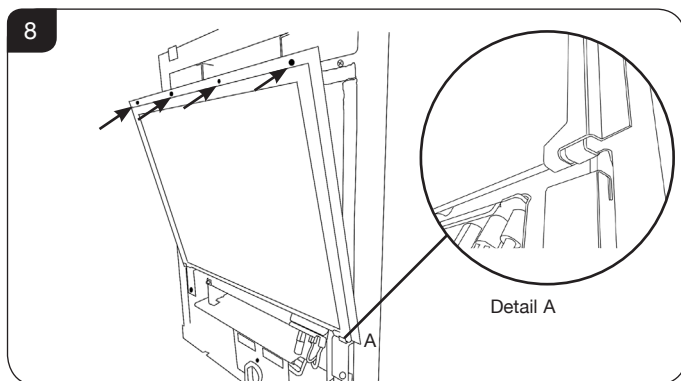
- 3.1 The appliance battery is located at the bottom left of the appliance behind the ash cover, see Diagram 7.



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

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 unscrewing the 4 screws in the retaining bracket, see Diagram 8.



- 4.4 Lift the glass frame off the lower location tabs, see Diagram 3, Detail A and carefully place to one side.
- 4.5 To clean the glass surface, Gazco recommends you use a ceramic glass product generally sold for cleaning ceramic hobs.
- 4.6 The glass frame must be refitted to the appliance following cleaning or servicing. Ensure that the fibre glass seal on the box is intact, then lower the glass frame into the lower location tabs on the box. The tabs should locate between the glass and the decorative front, see Diagram 3, Detail A.

- 4.7 Secure the glass frame using 4 screws in the retaining bracket, see Diagram 3. 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.

- 4.8 Remove the ceramic coals and fuel bed and place on a dry clean surface.
- 4.9 Check the burner cover gasket for damage. Replace any damaged parts with genuine Gazco replacement parts, contact your Gazco retailer.
- 4.10 Carefully clean the burner and tray assembly using a vacuum cleaner with soft brush attachment, ensure all debris is removed from the burner ports.

WARNING: Take care when using a vacuum cleaner on the burner gasket as this is extremely delicate and may deteriorate after use.

- 4.11 Replace the ceramics by referring to Section 5.

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

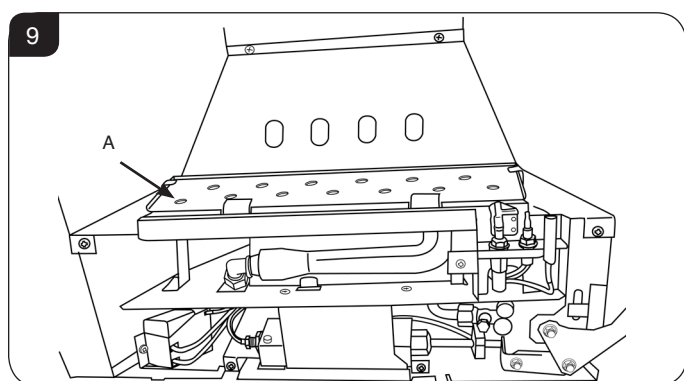
Coal Effect Layout

NOTE: CERAMIC PARTS ARE FRAGILE. HANDLE WITH CARE.

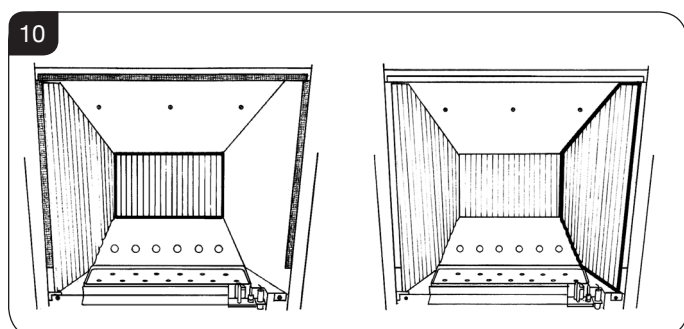
ONLY USE THE CORRECT TYPE AND QUANTITY OF CERAMIC COMPONENTS. ALWAYS FOLLOW THE FUEL BED LAYOUT AS STATED IN THESE INSTRUCTIONS. NEVER CHANGE THE LAYOUT FROM THAT SHOWN HERE.

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

Take care as the front left-hand hole is offset compared to the others, see Diagram 9, arrow A.

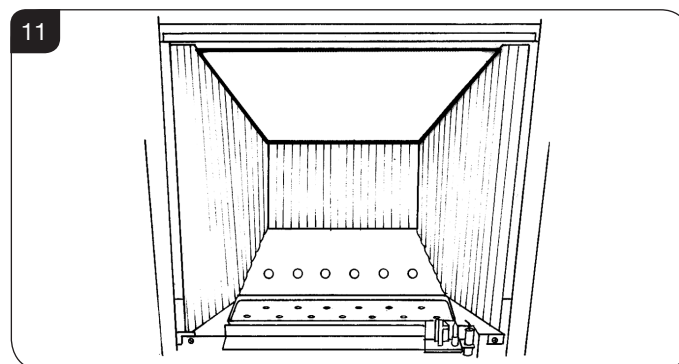


- 5.2 Place the rear panel against the rear of the box resting on the shelf.
- 5.3 Slide one of the side panels into the box ensuring it touches the rear panel.
- 5.4 Gently ease the front edge of the side panel behind the flange so it lies flat against the wall of the box.
- 5.5 Repeat with the second side panel, see Diagram 10.

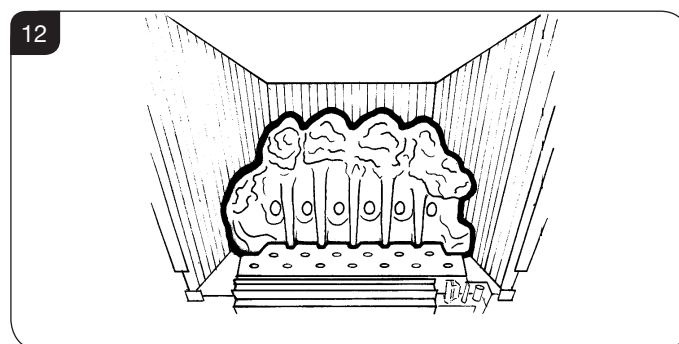


- 5.6 Locate the top panel on top of the sides and rear by lifting it up and forward inside the box.

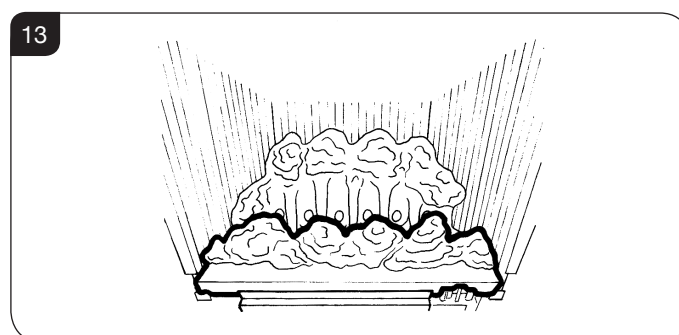
- 5.7 Slide it backwards and down behind the side panels to rest on the rear panel, see Diagram 11.



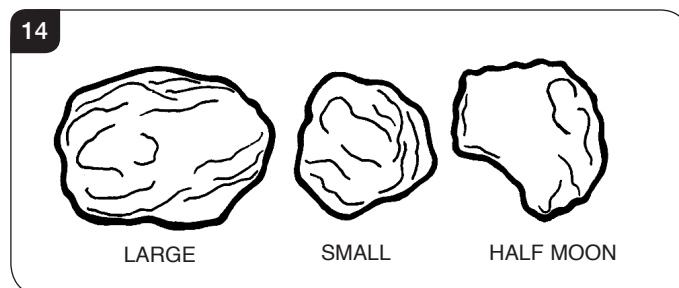
- 5.8 Position the flame baffle centrally on the tray and ensure the stepped lower edge engages against the rear edge of the burner skin, see Diagram 12.



- 5.9 Place the front coal centrally in the channel at the front of the tray. The relationship between the front coal and the flame baffle is shown in Diagram 13.

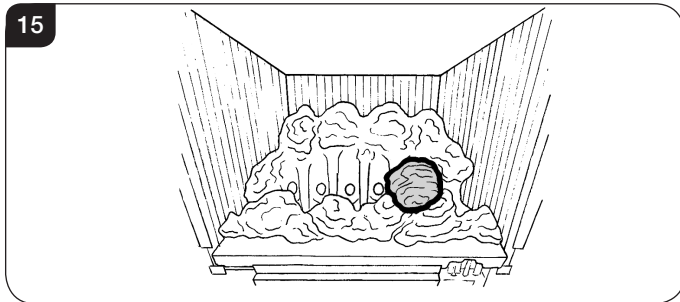


- 5.10 There are three sizes of coal used: 3 x Large, 4 x Small and 1 x Half Moon shaped. For identification, see Diagram 14.

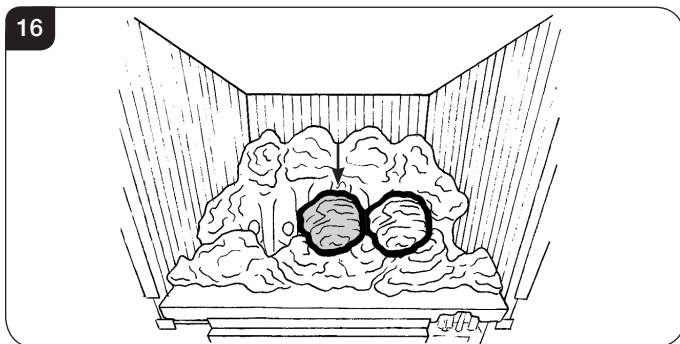


User Instructions

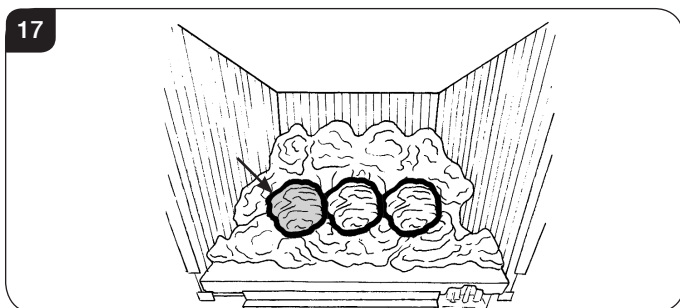
- 5.11 Place a single large coal in the right hand dent of the front coal resting against the flame baffle, see Diagram 15.



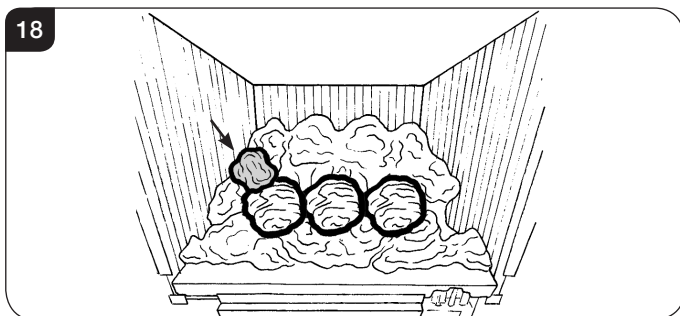
- 5.12 Place a second single large coal in the middle dent of the front coal resting against the flame baffle, see Diagram 16.



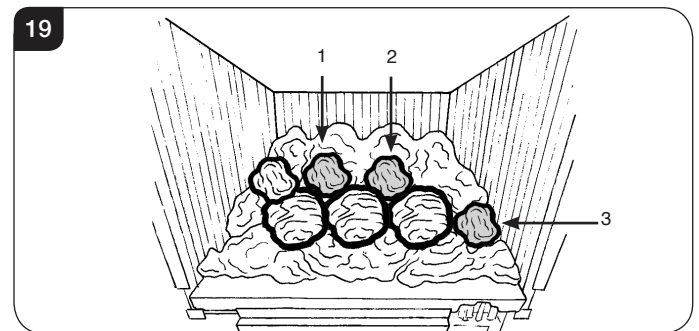
- 5.13 Place the third large coal next to the first middle coal and against the flame baffle, Diagram 17.



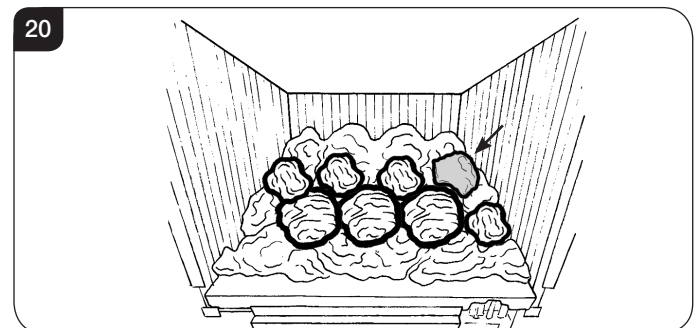
- 5.14 Place a small coal directly behind the first large coal, and rest it on the flame baffle, see Diagram 18.



- 5.15 Place two of the remaining small coals in the spaces next to the first. The final small coal sits at the front right next to the large coals, see Diagram 19.



- 5.16 Finally position the Half Moon coal on the top right as shown, see Diagram 20.



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

6. Oxygen Depletion Sensor

The appliance is fitted with an oxygen sensitive pilot system that will act to cut off the gas supply to the appliance should the oxygen in the room fall below its normal level. If the appliance is turned off by this device, it usually indicates that there is a problem with the flue system, and this should be inspected by a qualified engineer. **Do not attempt to use the appliance until an engineer says it is safe to do so.**

This device is not a substitute for an independently mounted carbon monoxide detector.

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.

User Instructions

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

10. Ventilation

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

11. Installation Details

- 11.1 Your installer should have completed the commissioning sheet at the front of the Installation Instructions. 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 slider handle.
- 12.3 Provide a suitable fireguard to protect young children and the infirm.

13. Abnormal Operation

- 13.1 If main burner does not light but pilot stays on, shut down the appliance and contact your dealer.
- 13.2 If excessive carbon on logs or glass contact your dealer for service.

Distributed by



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A member of the Stovax Group
Adapted from English PR1868 Issue 4

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