GAZCO

Fire Your Imagination

Studio

Conventional Flue with Thermostatic Remote Control

Instructions for Use, Installation and Servicing

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

IMPORTANT

THE OUTER CASING, FRONT AND GLASS PANEL BECOME EXTREMELY HOT DURING OPERATION AND WILL RESULT IN SERIOUS INJURY AND BURNS IF TOUCHED. IT IS THEREFORE RECOMMENDED THAT A FIREGUARD COMPLYING WITH BS 8423:2002 IS USED IN THE PRESENCE OF YOUNG CHILDREN, THE ELDERLY OR INFIRM.

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

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

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

PR1277 Issue 8 (July 2013)

Contents

Studio Conventional Flue

Covering the following models:

STUDIO 1 CONVENTIONAL FLUE	STUDIO 2 CONVENTIONAL FLUE
123-041	123-216
123-478	123-790
123-009	123-147
123-595	123-668
123-203	123-076
123-542	123-769

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.

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 NB All other gas appliances must be operating on full	mb	
4. Gas rate	m^3/h	
5. Does Ventilation meet appliance requirements N/A		

RETAILER AND INSTALLER INFORMATION

Retailer .....

.....

.....

Contact No. .....

Date of Purchase .....

Model No. .....

Serial No. .....

Gas Type .....

Installation Company .....

.....

.....

Engineer .....

Contact No. .....

Gas Safe Reg No. .....

Date of Installation .....

User Instructions

Welcome

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

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

WARNING

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

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

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

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

1. General

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

GAS safe™ REGISTER

1.2 In all correspondence, please quote the appliance type and serial number, which can be found on the data badge located on a plate attached to the lower slotted trim.

1.3 Do not place curtains above the appliance:
You must have 300mm (1') clearance between the appliance and any curtains at either side.

1.4 No furnishings or other objects should be placed within 1 metre of the front of the appliance.

1.5 If a shelf is fitted, a distance of 400mm above the appliance is required.

1.6 If any cracks appear in the glass panel do not use the appliance until the panel has been replaced.

1.7 In the unlikely event the appliance is receiving interference from other electronic devices, the handset/Control box can be reprogrammed. Please refer to the commissioning section in order to change the communication channel.

1.11 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 an LCD/Plasma TV above this appliance.

2. Operating the Appliance

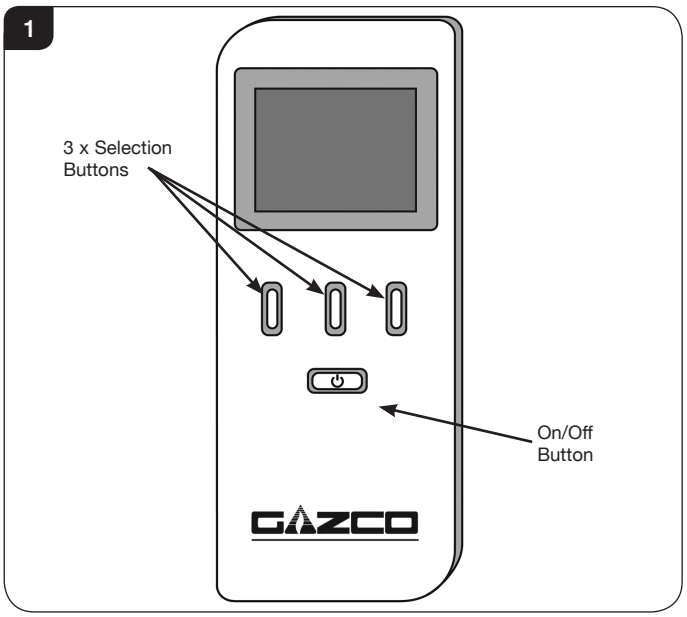
2.1 The appliance has 4 flame settings:

1. High.
2. Medium.
3. Low.
4. Standby (Pilot only).

2.2 Both touch pad and handset allow you to manually switch between flame settings.

2.3 The Thermostatic handset also allows to set the appliance to automatically regulate the room temperature.

1



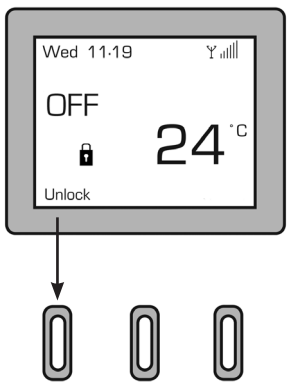
Before using the remote control:

2.4 If there is no display on the LCD screen press any key.

2.5 When first powered, the handset displays the OFF screen. The handset may be locked as indicated by the padlock symbol (🔒), see Diagram 2.

NOTE: To select a function from the options displayed at the bottom of the screen press the button directly below the desired function.

2



2.6 To unlock the handset select Unlock followed by OK - the symbol will change to an open padlock (🔓).

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

1. Manual Mode - See Page 6.

2. Automatic Mode - See Page 6.

3. Program Mode - See Page 7.

When a command from the handset is received a beep will sound and the LED on the handset will briefly illuminate.

NOTE: The LED flashes every 4 seconds to show that it is communicating with the appliance. After each command has been accepted the LED will cease flashing until the command has been carried out. Wait until the LED resumes flashing before giving another command.

Advanced Controls

2.8 The thermostatic remote control handset has been pre-set as follows:

a) Thermostat mode - the appliance will alter automatically to achieve and maintain a desired room temperature in Auto (Fixed Temp) or Program mode.

b) Gap temperature set at 2˚C - in Auto or Program mode the appliance will automatically ignite if the room temperature falls 2˚C below the fixed temperature.

c) Program mode enabled - this allows one of three temperatures (Night temperature, Comfort temperature or Off) to be set for each hour of the day on a daily or weekly cycle.

d) Soft start enabled - in Auto or Program mode there is a 10 second delay between flame settings when more than one change of setting is required (i.e. from High to Low).

e) Sounder ON - the appliance will beep to confirm that it has received a command from the handset or touch pad.

f) Safety Temperature pre-set at 40˚C - the appliance will automatically switch off if the room temperature (as displayed on the handset) exceeds 40˚C.

NOTE: If the Safety Temperature is exceeded the appliance can not be turned on again until the room temperature has dropped below the safety temperature.

2.9 The LCD screen displays the following information, see Diagram 3.

1) Time (24 hr clock)

2) Signal strength (between handset and appliance)

3) Selected Setting - set fixed temperature (in degrees) when in Auto mode (small number)

4) Current room temperature (large number)

5) Button function

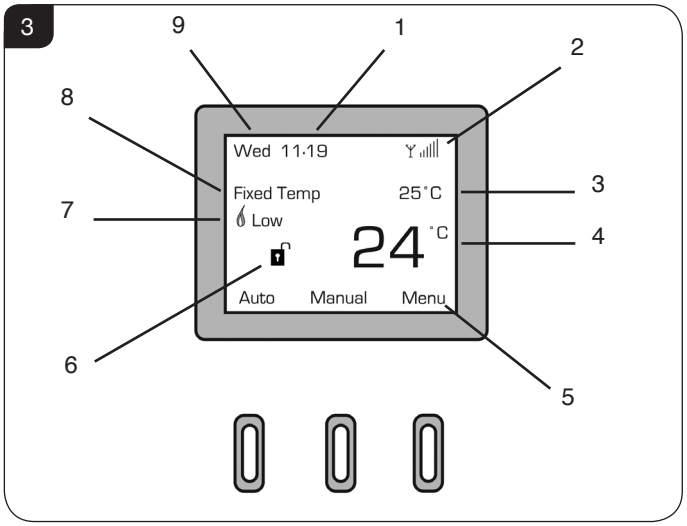
6) Child lock status (shown by open or closed padlock)

7) Current flame status (Low, Med, High)

8) Selected Mode - Manual Flame / Fixed Temp (Auto) / Program - when appliance is switched on

9) Day of the week (Mon - Sun)

3



1. Manual Mode

Switching the Appliance ON:

2.10 To light the appliance press the On/Off (⏻) button, this will bring up the LCD screen. Select the 'On' option on the left of the screen immediately followed directly by the OK button, a single beep will sound.

User Instructions

After the start up cycle has completed the appliance will light on the high flame setting (this can take up to 20 seconds).

Select the 'Manual' option on the screen to control the appliance.

Decreasing the Flame Height:

2.11 From the high flame setting press DOWN (↓) once to lower the flame to the medium setting.

2.12 From the medium flame setting press DOWN (↓) once to lower the flame to the low setting.

2.13 From the low flame setting press DOWN (↓) once to put the appliance in Standby mode (Pilot only).

Increasing the Flame Height:

2.14 To light the appliance when it is in Standby mode press UP (↑) once. The appliance will light on the **Low** flame setting.

2.15 From the low setting press UP (↑) once to increase the flame setting to medium.

2.16 From the medium setting press UP (↑) once to increase the flame setting to high.

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

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

Switching the Appliance OFF:

2.17 To switch the appliance OFF press the On/Off (⏻) button once, see Diagram 1.

2. Automatic Mode

Auto mode allows you to pre-set a room temperature. The appliance controls the flame setting automatically to achieve and maintain this temperature.

NOTE: WHEN IN AUTOMATIC MODE, THE PILOT REMAINS LIT AND THE MAIN BURNER AUTOMATICALLY ADJUSTS TO MAINTAIN THE FIXED TEMPERATURE WHETHER OR NOT ANYONE IS IN THE ROOM.

2.18 If the appliance is switched off, select On followed by OK. The appliance will emit a single beep and the pilot will light.

2.19 Select Auto. The screen will display the word 'Thermo' and the current fixed room temperature will be highlighted.

2.20 Use the buttons directly below the up (↑) or down (↓) symbols to select a temperature between 0˚C and 37˚C.

The flame setting required to achieve the desired room temperature will now be displayed below the word 'Thermo'.

2.21 The appliance will maintain the fixed temperature by automatically adjusting the flame height as follows:

a) If the room temperature falls 1˚C below the fixed temperature the flame height will increase.

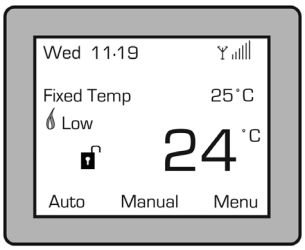
b) If the room temperature rises 1˚C above the fixed temperature the flame height will decrease.

c) There will be a delay of 10 seconds between each flame setting adjustment.

2.22 Once the desired room temperature has been set, select Back to return to the main screen.

2.23 The screen will now display the words 'Fixed Temp', the chosen fixed temperature (e.g. 25˚C) and the current room temperature (e.g 24˚C), see Diagram 4.

4



2.24 To change the fixed temperature at any time select Auto and follow 2.20.

2.25 To exit the Auto mode at any time select Manual and follow Section 2.22.

2.26 To turn off the appliance press the ON/OFF button once, see Diagram 2.

Setting the Display

Items displayed on the main screen, such as day and time, can be set using the Adjust Menu function.

2.27 To access the Adjust Menu function select Menu from the main screen.

2.28 Select Adjust Menu.
In this menu it is possible to set the:

Temperature Unit (˚C/˚F)
Language
Autolock (On/Off)
Day (Mon - Sun)
Hour (24hr clock)
Minute
Comfort temperature (for use when in Program mode)
Night temperature (for use when in Program mode)

Access can be gained to the programmable functions via the Change Prog option (see Programming the Appliance).

Setting the Day and Time:

2.29 Use (↓) to scroll down to Day and press Select.
Use (↑) and (↓) to set the day of the week.

2.30 Press Back and scroll down to Hour and select it. Use (↑) and (↓) to set the hour.

2.31 Press Back and scroll down to Minute and press Select. Use (↑) and (↓) to set the minutes.

2.32 The same process can be used to set any of the functions within this menu.

3. Program Mode

Program mode allows the appliance to be pre-set to a choice of temperature options on a daily or weekly cycle. The appliance will automatically switch on and off and control the flame setting to maintain pre-set hourly temperatures during each 24hr period.

NOTE: WHEN IN PROGRAM MODE, THE PILOT REMAINS LIT AND THE MAIN BURNER AUTOMATICALLY SWITCHES ON AT THE PROGRAMMED TIMES AND ADJUSTS THE FLAME HEIGHT TO BRING THE ROOM TO THE SET TEMPERATURE WHETHER OR NOT ANYONE IS IN THE ROOM.

Note: The current day and time must be set in order for the programmable functions to work. (See Section 2.28 for details).

2.33 There are two types of program mode:

1. Daily - the temperature can be set for each hour over a 24hr period - This pattern is then repeated every day.

2. Weekly - the temperature can be set for each hour over a 24hr period for each individual day of the week (Mon - Sun). This pattern is then repeated every week.

2.34 One of 3 options can be chosen for each hour across a 24 hour period:

- Off - the appliance will remain in Standby mode (pilot only). **The appliance will not switch off completely when in Program mode.**

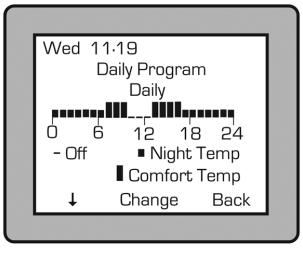
▪ Night Temp - the appliance will automatically maintain a pre-set night temperature.

I Comfort Temp - the appliance will automatically maintain a pre-set comfort temperature.

2.35 To set the Comfort and Night temperature select Menu. In the next screen select Adjust Menu. Using (↓) scroll to Comfort Temperature and select. Use (↑) and (↓) to set a chosen temperature. Repeat for Night Temperature.

2.36 To access the programming screen select Menu. In the next screen select Adjust Menu. Using (↓) scroll to Change Prog and select. The programming screen will be displayed as shown in Diagram 5.

5

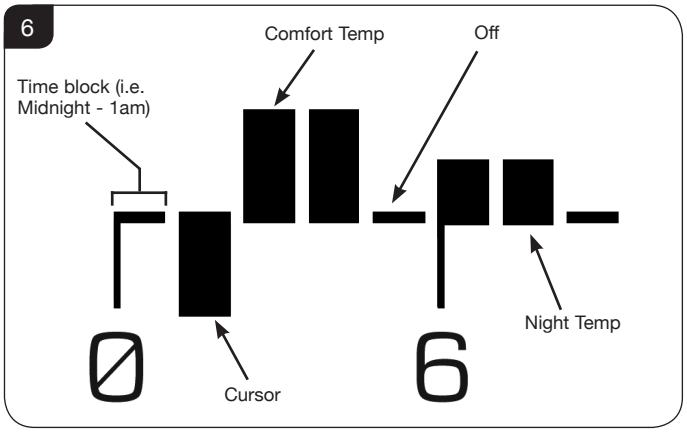


Setting Daily Operating Times:

2.37 In the program menu highlight the word 'Daily'. Press (↓) to access the 24 hour timer below 'Daily'. The arrow should now point to the right (→).

2.38 The timer reads 0 - 24 with both 0 and 24 representing midnight. Press (→) to scroll through the 24 hour timer. With the cursor resting on the chosen hour, press Change until the desired setting for that hour (Comfort Temperature, Night Temperature or Off) is reached. Use (→) to scroll to the next hour and select the desired function for each hour until all 24 hours are set, see Diagram 6.

6



2.39 The program must now be launched. To do to this see Section 2.44.

Setting Weekly Operating Times:

2.40 Access the programming screen as detailed in Section 2.36. The word 'Daily' will be highlighted. Select 'Change' to scroll from 'Daily' to the required day of the week (Monday - Sunday).

2.41 Press (↓) to access the timer. Select the function settings for each hour of the chosen day as detailed in 2.40. Repeat for the rest of the week.

2.42 Once the programming is completed select Back to return to the main screen.

2.43 The program must now be launched. To do to this see 2.44.

Launching a Daily or Weekly Program:

2.44 Select Menu. In the next screen use (↓) to scroll to Program and confirm. Select Change until the highlighted text reads ON.

Note: The appliance must be ON (pilot lit or any flame setting) in order to launch the program.

2.45 Select Back and use (↓) to select Prog Type. Select Change until the desired program (Daily or Weekly) is highlighted. Select Back twice to return to the main screen.

User Instructions

To Switch Off Program Mode

2.46 To switch off the set program select Stop from the options on the main screen. The appliance will switch to Stand-by (pilot only). Alternatively select Auto; this will end the program cycle and return to the main screen. The appliance will automatically adjust the flame height to maintain any previously set Fixed Temperature.

Locking the Handset

2.47 To lock the handset Select Lock. If the option is not visible on the screen (i.e. when the appliance is lit) select Menu and scroll down to Lock. Press Select and use the Change function to scroll to Yes. The handset is now locked.

3. Replacing the Handset Batteries

3.1 **BEFORE USE:**
Ensure the remote handset contains 2 x AA 1.5v alkaline batteries (provided). Always replace the batteries with high quality batteries (Duracell or similar).
DO NOT USE RECHARGEABLE BATTERIES.

3.2 Communication between the handset and the appliance may take up to 2 minutes after batteries have been replaced, check the strength of the signal in the top right hand corner of the LCD display (Y ıll).

3.3 If communication is not regained after this time the control unit and the handset may need pairing. Please refer to Commissioning, Section 2, Pairing the Appliance.

4. Handset Troubleshooting

IMPORTANT - THE CONTROL SYSTEM HAS BEEN PROGRAMMED TO CHANNEL 'C'. SOME HOUSEHOLD APPLIANCES MAY HAVE ALSO BEEN SET TO OPERATE ON THE SAME FREQUENCY. ALTHOUGH THIS HAS NO EFFECT ON THE SAFETY OF THE SYSTEM AN EXCESSIVE DELAY MAY BE ENCOUNTERED BETWEEN COMMANDS. IF THIS OCCURS FOLLOW THE INSTRUCTIONS IN COMMISSIONING SECTION 3 TO CHANGE THE CHANNEL.

CHANNEL SETTINGS

4.1 The appliance has been factory set to only communicate with the handset it is supplied with. It will not respond to any other remote control, even one from an identical appliance.

A replacement handset will need to be paired with the appliance before use. Please refer to Commissioning, Section 2, Pairing the Appliance.

LOW BATTERY

4.2 If the batteries in the remote control handset become discharged the LCD display will show the message Low Battery.

Follow Section 3 - Replacing The Handset Batteries.

REMOTE SIGNAL STRENGTH

NOTE: If the handset is taken out of range the signal strength indicator will show 'Loss of Signal'. When the handset is returned to the appliance it will be necessary to press any button and wait for the signal indicator to recognise the handset. This can take up to 4 minutes

4.3 If the appliance does not respond to the handset, check the strength of the signal in the top right hand corner of the LCD display (Y ıll).

No vertical bars next to the signal symbol (Y) means communication between the appliance and the handset has been lost. If the communication loss exceeds 18 minutes the appliance will emit 20 beeps and switch OFF. Try the following:

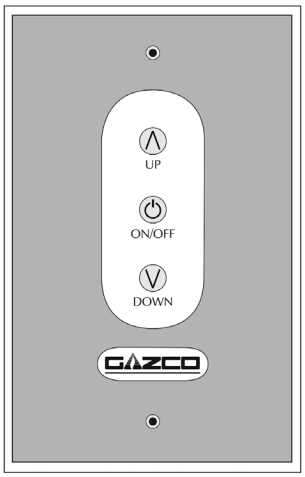
4.4 Move the handset closer to the appliance.

4.5 Replace the batteries in the handset, see Section 3.

4.6 If there is still no signal, operate the appliance using the touch pad control, see Section 5 and consult your installer or Gazco retailer.

5. Touch Pad Control

7



The touch pad control is located on the front of the wall switch and allows manual operation of the appliance, see Diagram 7.

With the touch pad it is possible to turn the appliance ON, OFF and control the flame setting.
NOTE: When using the touch pad buttons a beep will be emitted from the appliance to indicate an accepted command.

To Switch ON:

5.1 To turn the appliance ON press the ON/OFF button once. The ignition sequence will commence. This may take up to 20 seconds. The pilot will be lit once the start up sequence has completed.

5.2 If the pilot fails to light, press the ON/OFF button again to switch OFF. Wait for at least 30 seconds before attempting to switch on again.

To change the flame level:

5.3 With the Pilot lit the appliance is in Standby mode.

5.4 Press the Up button (↑). The main burner will be ignited on the Low flame setting.

5.5 Press the Up button (↑) again to increase the flame setting to the Medium position.

5.6 Press Up button (↑) once more to increase the flame setting to the High position.

5.7 To reduce the flame, press the Down Button (↑). At the lowest setting only the Pilot will be lit and the appliance will be in Standby mode.

To Switch OFF:

5.8 To turn the appliance OFF press the ON/OFF button. The pilot flame will be extinguished.

NOTE: Following main burner operation do not attempt to switch on the appliance again for at least 3 minutes.

TOUCH PAD CONTROL NOT WORKING

If the appliance is not operating with the touch pad control:

5.9 In accordance with Section 6, replace the batteries in the wall switch unit.

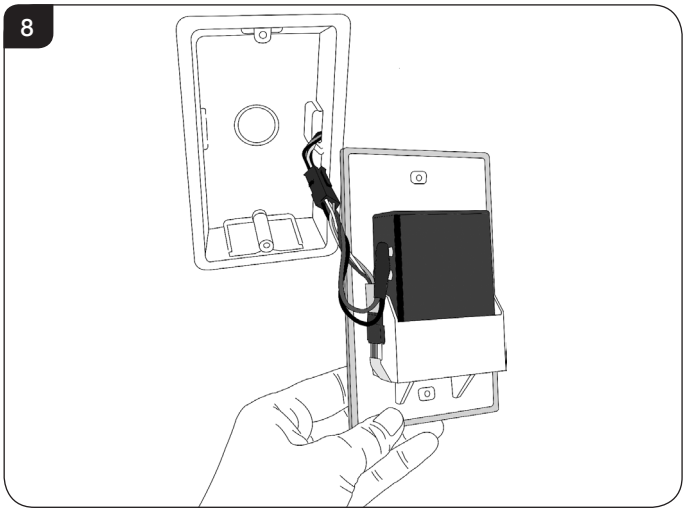
5.10 If the appliance still fails to operate consult your installer or Gazco retailer.

6. Changing the Appliance Batteries

The appliance batteries are located behind the wall switch plate.

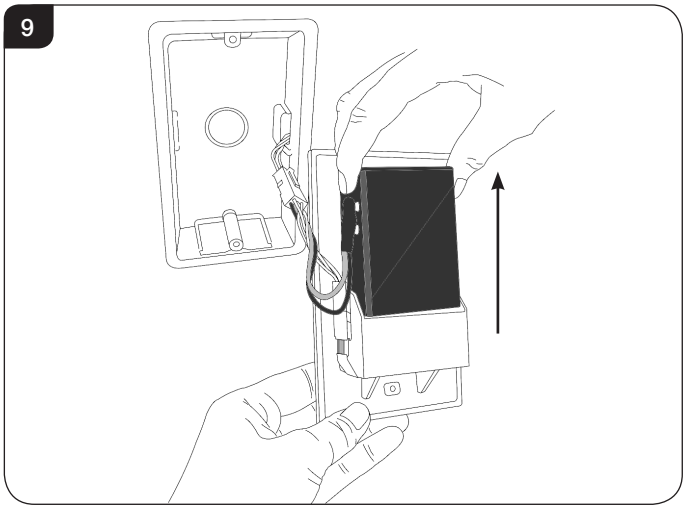
6.1 Undo the two screws securing the wall plate and gently bring it forward to expose the wires behind. Keep the wall plate supported, taking care not to put any strain on the wires, see Diagram 8.

8



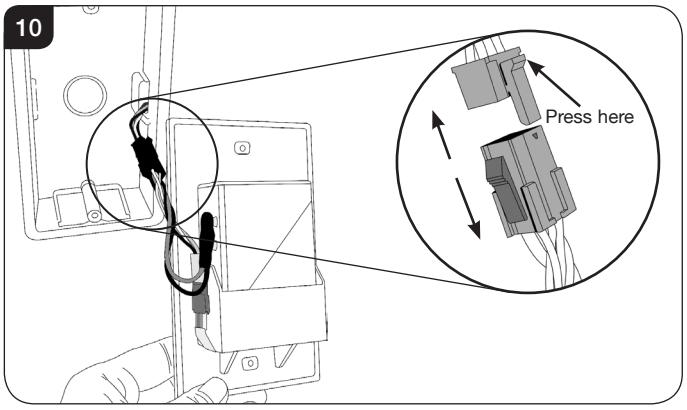
6.2 Whilst supporting the wall plate remove the battery holder from its location, see Diagram 9.

9



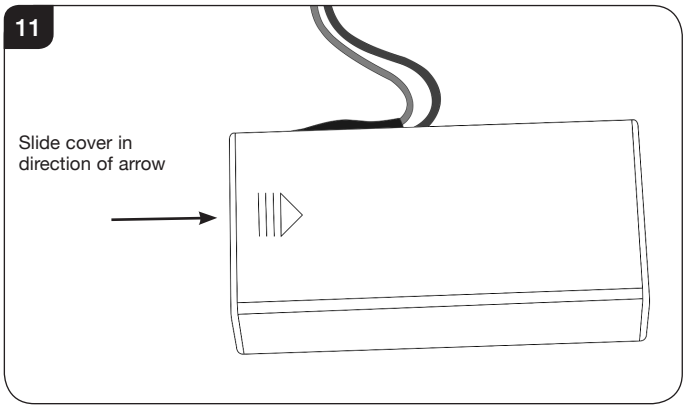
6.3 If it is not possible to support the wall plate and battery holder at the same time separate the wall plate from the dry lining box by disconnecting the plug, see Diagram 10. Press the top of the clip on the upper section to release.

10



6.4 Flip the battery holder over end to end and remove the cover by sliding off in the direction of the arrow as shown in Diagram 11.

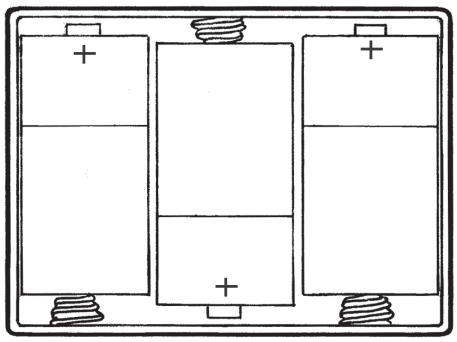
11



6.5 Remove the old batteries and correctly position the three new high quality (Duracell or similar) size C / HR14 batteries into the battery holder, see Diagram 12.

User Instructions

12



6.6 Re-assemble in reverse.

PLEASE ENSURE NO WIRES ARE TRAPPED BEFORE REPLACING THE WALL PLATE. THE TOUCH PAD LEAD IS EASILY DAMAGED.

7. Cleaning the Studio

7.1 Make sure the appliance and surrounds are cool before cleaning.

7.2 Use:

— A damp cloth for the painted frame.
— A damp cloth to clean the granite/enamelled inner panels.
— Soap and water to clean the glass.

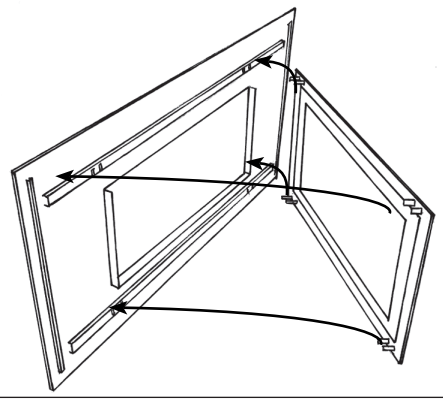
Opening the Glass Window

7.3 **Steel, Verve or Glass Frame**

If fitted with a Steel, Verve or Glass Frame, this needs to be removed first:

7.3 Lift the frame upwards off its four support brackets, see Diagram 13.

13

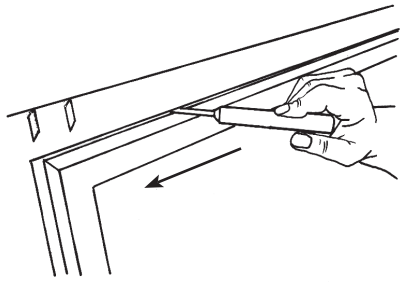


All models

7.4 Using the hexagon key provided release the window locks at the top of the glass door (see Diagram 14).

7.5 The locks move from shut to open towards the outer edges of the glass door, see Diagram 14.

14



7.6 Support the door and let it fall gently forward.

7.7 Open it down to its stop position.

7.8 **When closing the door ensure the door catches are fully engaged.**

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

8. Arrangement of the Fuel Bed

Advice on handling and disposal of fire ceramics

The fuel effect of the log version of this appliance is made from Refractory Ceramic Fibre (RCF), a material which is commonly used for this application.

Protective clothing is not required when handling these articles, but we recommend you follow normal hygiene rules of not smoking, eating or drinking in the work area and always wash your hands before eating or drinking.

To ensure that the release of RCF fibres are kept to a minimum, during installation and servicing a HEPA filtered vacuum is recommended to remove any dust accumulated in and around the appliance before and after working on it. When servicing the appliance it is recommended that the replaced items are not broken up, but are sealed within heavy duty polythene bags and labelled as RCF waste.

RCF waste is classed as stable, non-reactive hazardous waste and may be disposed of at a licensed landfill site.

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

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

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

TAKE CARE NOT TO SPILL STONE EFFECT CHIPPINGS, GLASS GRANULES OR VERMICULITE INTO THE PILOT AREA. ONLY USE THE FUEL EFFECT SUPPLIED BY GAZCO IN THIS APPLIANCE.

9. Log Layout

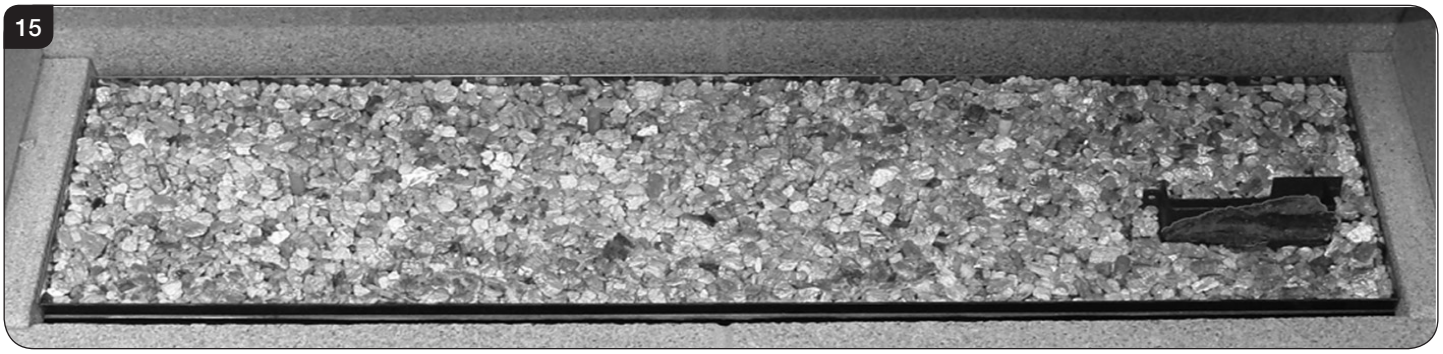
LOGS MUST BE POSITIONED ACCORDING TO THE FOLLOWING INSTRUCTIONS TO GIVE THE CORRECT FLAME EFFECT

Layout for Studio 1

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

9.2 Rest the ceramic bark against the front face of the pilot shield, see Diagram 15.

15



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

9.3 Working from left to right place logs A, B and C onto their studs, see Diagram 16.

16

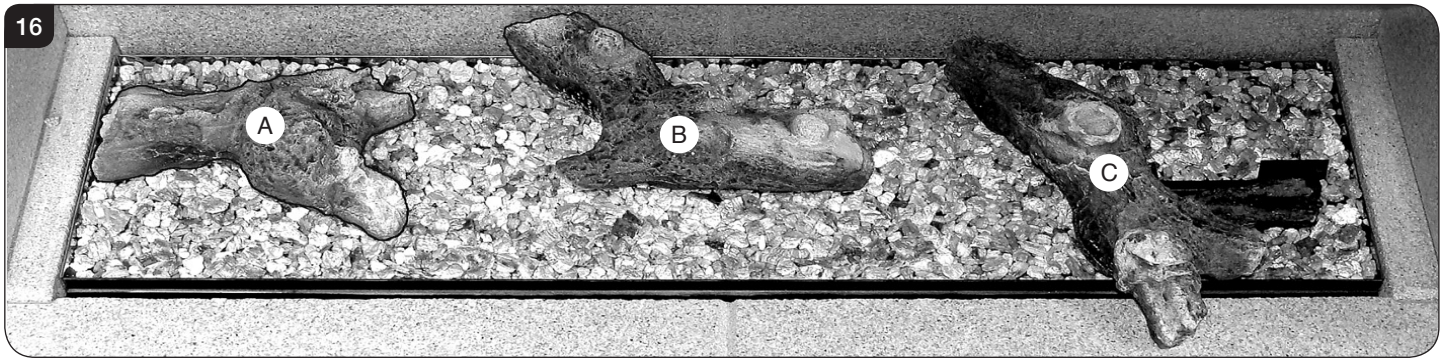
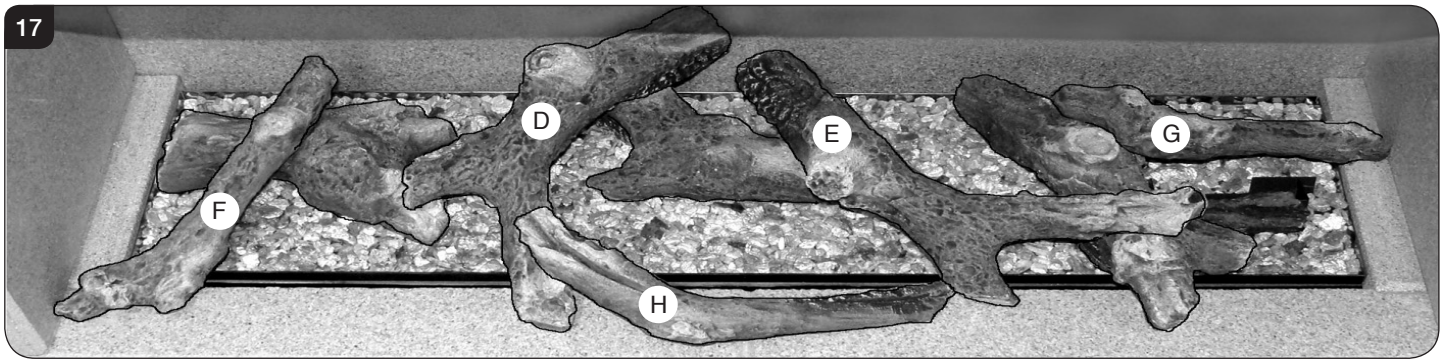


Diagram 17 shows the layout of logs D to H.

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

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

17



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

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

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

User Instructions

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

9.10 Place the pieces of Embaglow between the logs in the highlighted areas shown in Diagram 18. Ensure the material is placed loosely between the logs to create a random glow.

18

Layout for Studio 2

9.11 Preparation of vermiculite and the ceramic bark pilot shield is the same as for Studio 1, see 9.1 & 9.2.

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

9.12 Place logs I, A, B and C onto their studs, see Diagram 19.

19

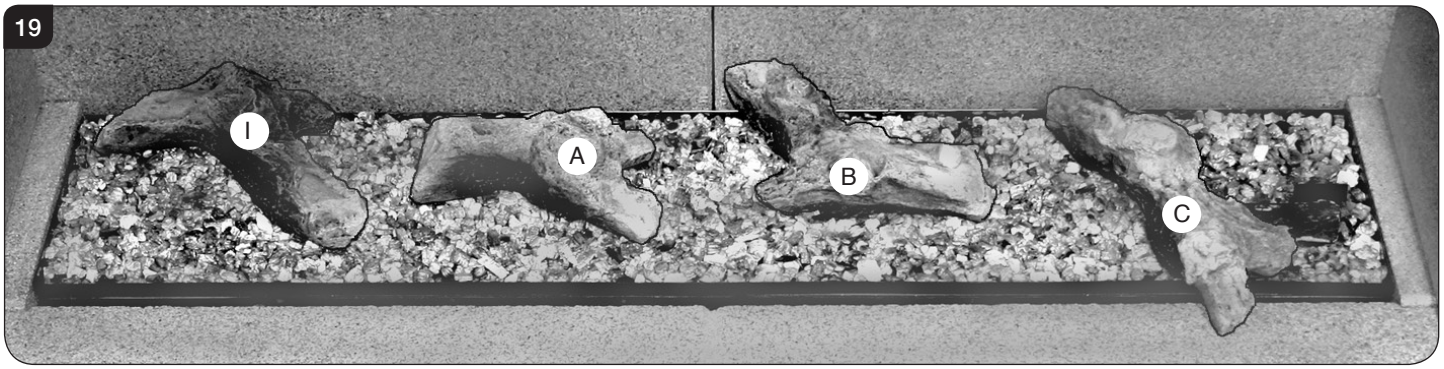
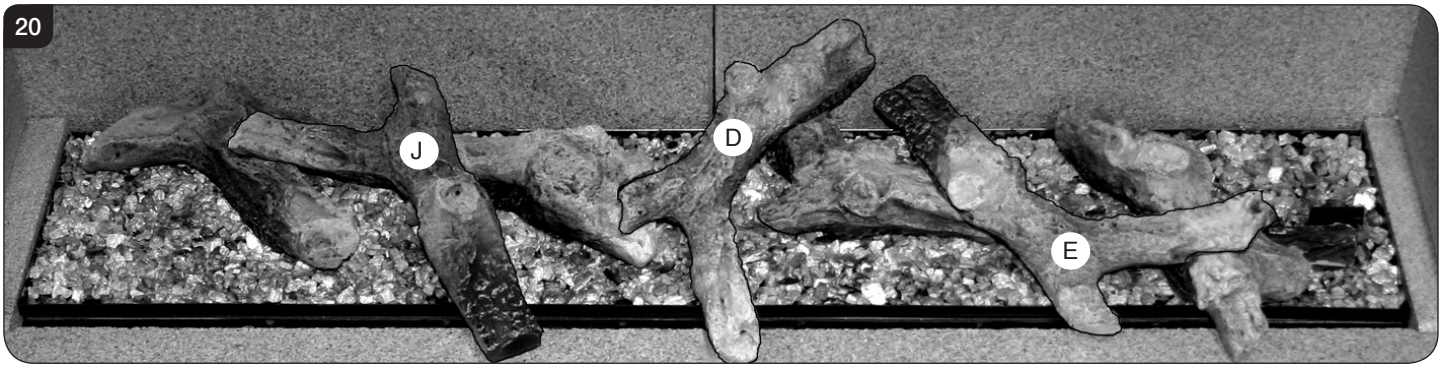


Diagram 20 shows the layout of logs D, E and J.

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

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

20



9.15 The underside of log J has a moulded 'stop'. This rests about 12mm in from the left edge of Log A. The left branch of Log J also rests in the recess in Log I, see Diagram 20.

Diagram 21 shows the layout of the last four logs, F, G and two of log H:

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

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

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

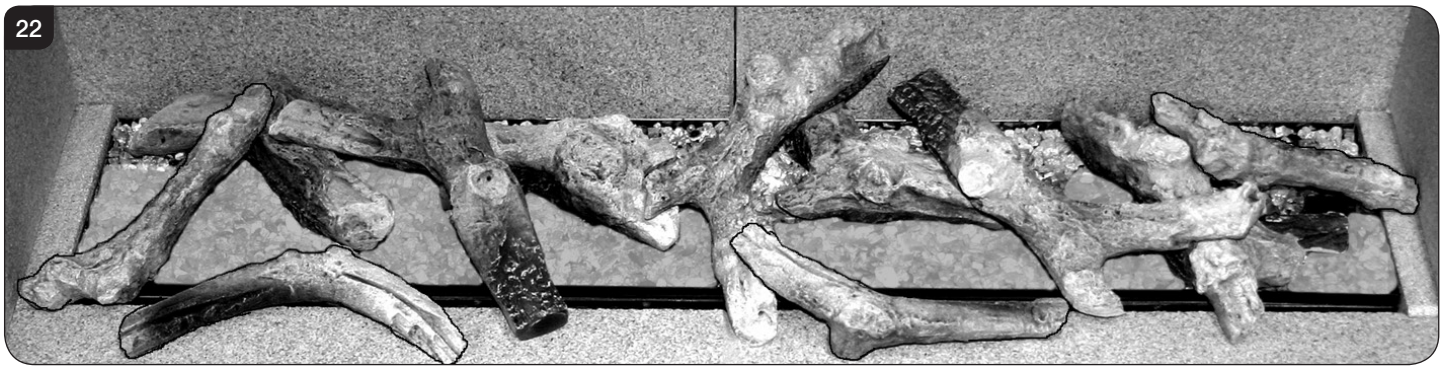
9.19 The second Log H rests anywhere on the front panel between F and J. **DO NOT LET THIS LOG OVERLAP THE BURNER.**

21

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

9.21 Place the pieces of Embaglow between the logs in the highlighted areas shown in Diagram 22. Ensure the material is placed loosely between the logs to create a random glow.

22



10. Flame Failure Device

10.1 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.

11. Running In

11.1 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.

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

12. Servicing

12.1 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 data badge.

13. Ventilation

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

14. Installation Details

14.1 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.

15. Hot Surfaces

15.1 Parts of this appliance become hot during normal use.

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

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

16. Appliance will not light

If you cannot light the Studio:

16.1 Check and change the batteries in the remote handset.

16.2 Check and change the wall switch batteries (see Section 6).

16.3 Consult your Gazco retailer or installer if the Studio still does not light.

Installation Instructions

Technical Specification

Covering the following models:

STUDIO 1 CONVENTIONAL FLUE	STUDIO 2 CONVENTIONAL FLUE
123-041	123-216
123-478	123-790

Stone Chippings Versions

Model	Gas CAT.	Gas Type	Working Pressure	Aeration	Injector	Gas Rate m^3/h	Input kW (Gross)		Country
							High	Low	
Studio 1 123-041	12H	Natural G20	20mbar	6 x 10	390	0.657	6.9	4.0	GB, IE
Studio 1 123-478	13+	Propane G31	37mbar	Open both sides	185	0.257	6.9	4.0	GB, IE
		Butane G30	29mbar			0.197			
Studio 2 123-216	12H	Natural G20	20mbar	9 x 15 offset	530	0.791	8.3	4.2	GB, IE
Studio 2 123-790	13+	Propane G31	37mbar	One side open + 10 x 16	225	0.312	8.3	4.2	GB, IE
		Butane G30	29mbar	Open both sides		0.238			
Studio 1 - Efficiency Class 2 - 70% / NOx Class 4									
Studio 2 - Efficiency Class 2 - 78% / NOx Class 4									
Flue Size - TOP EXIT 127mm ø									
Flue Size - REAR EXIT 178mm ø minimum									
Gas Inlet Connection Size = 8mm ø									
Minimum Flue Specification = T260/N2/0/D/1									
Maximum Flue Temp = 220°C									

Weight	Appliance Only	Profil	Bauhaus	Steel
Studio 1	52 Kg	3.6 Kg	3.6Kg	18.5Kg
Studio 2	60Kg	4.6Kg	4.6Kg	21.8Kg

Technical Specification

Covering the following models:

STUDIO 1 CONVENTIONAL FLUE	STUDIO 2 CONVENTIONAL FLUE
123-009	123-147
123-595	123-668
123-203	123-076
123-542	123-769

Log Version

Model	Gas CAT.	Gas Type	Working Pressure	Aeration	Injector	Gas Rate m^3/h	Input kW (Gross)		Country
							High	Low	
Studio 1 123-009	12H	Natural G20	20mbar	6 x 10	375	0.638	6.7	4.0	GB, IE
Studio 1 123-595	13+	Propane G31	37mbar	6 x 10 16 x 23	128	0.260	6.9	4.0	GB, IE
		Butane G30	29mbar	16 x 23 (2)		0.197			
Studio 2 123-147	12H	Natural G20	20mbar	6 x 15	530	0.790	8.5	4.4	GB, IE
Studio 2 123-668	13+	Propane G31	37mbar	6 x 8 16 x 23	150	0.331	8.8	4.4	GB, IE
		Butane G30	29mbar	16 x 23 (2)		0.253			
Studio 1 - Efficiency Class 2 - 70% / NOx Class 4									
Studio 2 - Efficiency Class 2 - 78% / NOx Class 4									
Flue Size - TOP EXIT 127mm ø									
Flue Size - REAR EXIT 178mm ø minimum									
Gas Inlet Connection Size = 8mm ø									
Minimum Flue Specification = T260/N2/0/D/1									
Maximum Flue Temp = 220°C									

Weight	Appliance Only	Profil	Bauhaus	Steel
Studio 1	52 kg	3.6 kg	3.6 kg	18.5 kg
Studio 2	60 kg	4.6 kg	4.6 kg	21.8 kg

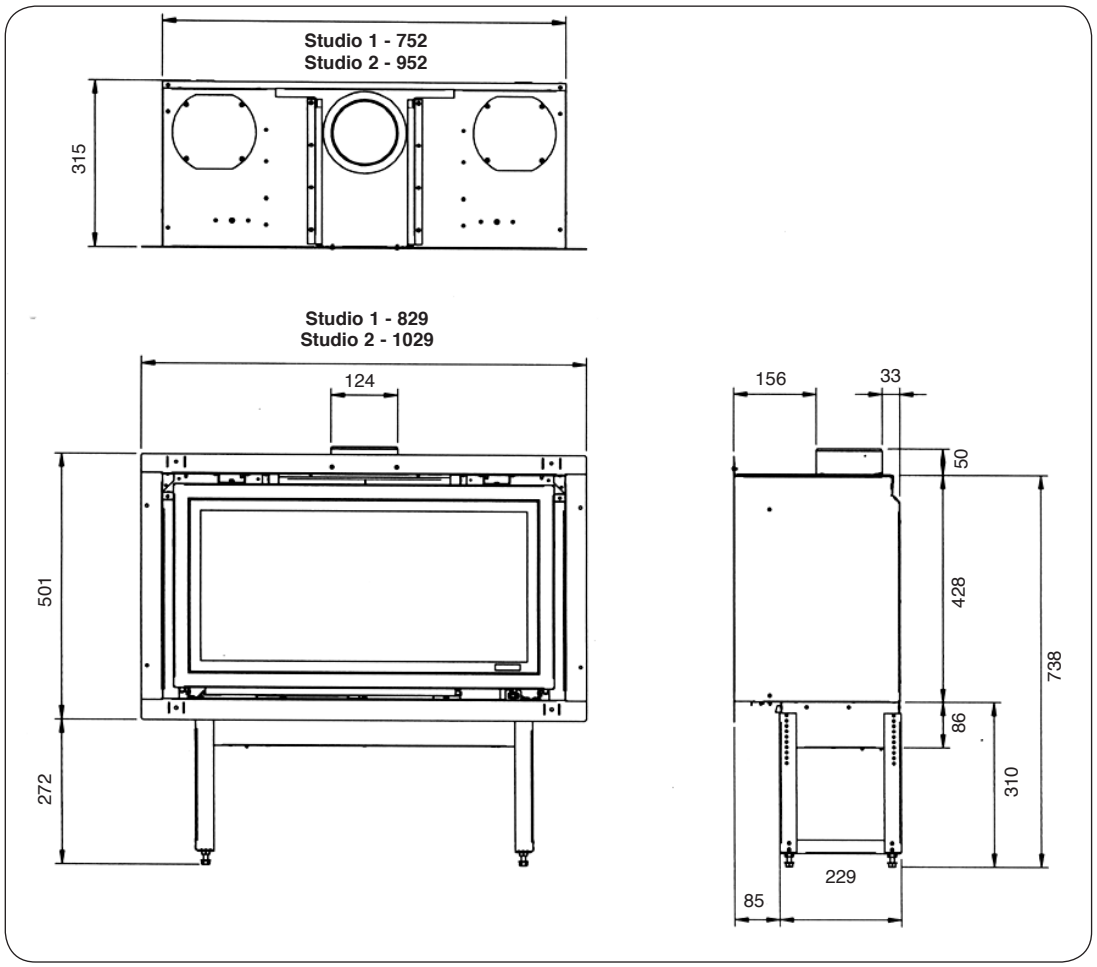
Installation Instructions

Technical Specification

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

PACKING CHECKLIST

Qty Description	Fixing Kit containing:
Stone Chippings Effect Version 1 x White Stone Chippings **Log Version** 1 x Log Set 1 x Vermiculite 1 x Bag Embaglow material	1 x Instruction Manual 4 x Wood Screws 4 x Wall Plugs 1 x Handset 2 x AA 1.5 alkaline batteries 3 x Size C batteries 1 x Wall box 1 x Wall plate/touch pad 1 x Battery holder 1 x Foam seal



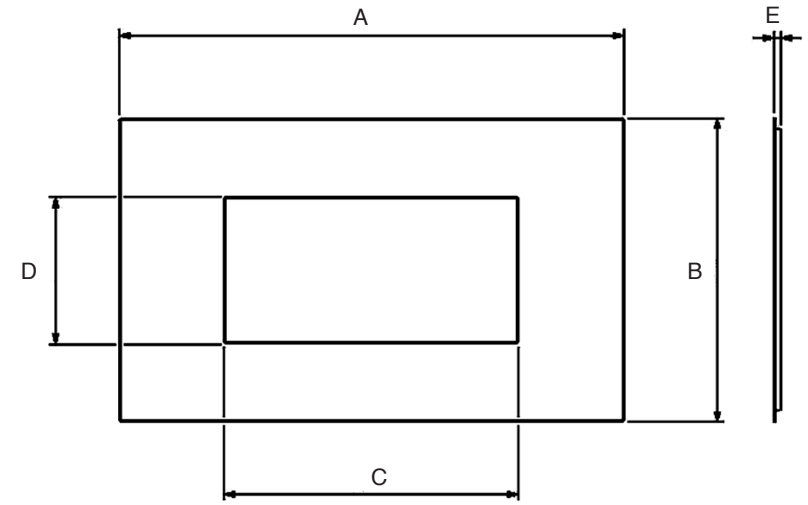
Technical Specification

Steel Fronts					
Model	**A**	**B**	**C**	**D**	**E**
Studio 1	1264	528	846	320	27
Studio 2	1500	528	846	320	27

Glass Fronts					
Model	**A**	**B**	**C**	**D**	**E**
Studio 1	1264	528	650	324	29
Studio 2	1500	528	852	324	29

Verve Fronts					
Model	**A**	**B**	**C**	**D**	**E**
Studio 1	1264	528	650	324	53
Studio 2	1500	528	850	324	53

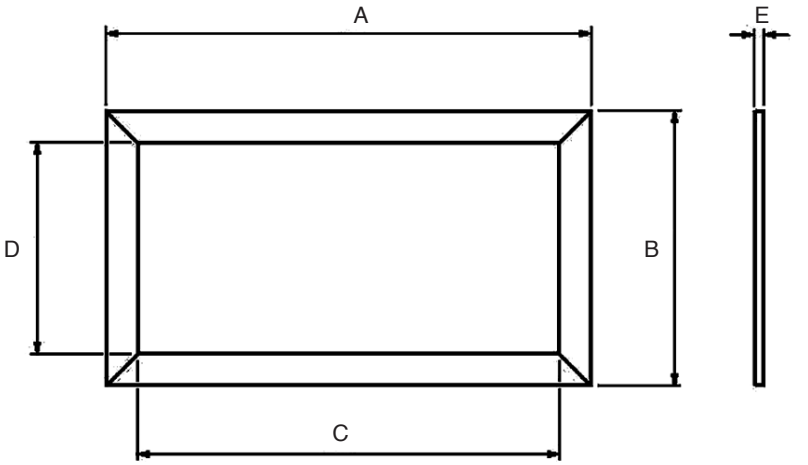
Steel / Glass / Verve



Profil Fronts					
Model	**A**	**B**	**C**	**D**	**E**
Studio 1	846	520	750	424	12.5
Studio 2	1046	520	950	424	12.5

Bauhaus Fronts					
Model	**A**	**B**	**C**	**D**	**E**
Studio 1	860	534	750	424	28
Studio 2	1060	534	950	424	28

Profil/ Bauhaus



Installation Instructions

Site Requirements

1. Flue & Chimney Requirements

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

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

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

1.1 A flexible liner must be continuous from the appliance spigot to the roof terminal.

1.2 The minimum effective height of the flue must be 3m (10').

1.3 The flue must be free from any obstruction.

1.4 Any damper plates must be removed or secured in the fully open position and no restrictor plates fitted.

1.5 The chimney should be swept immediately before installing the appliance, but it need not be swept if you can see the chimney is clean and free from obstruction throughout.

2. Flue Options

There are three suitable Conventional Flues:

- **Stud work is Top Exit only - Twin Wall Rigid 127mm (5")**
- **Top Exit - Builder's Opening Lined 127mm (5")**
- **Rear Exit - Builder's Opening Unlined 178m (7") minimum**

3. Gas Supply

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

3.1 Make sure local distribution conditions (identification of the type of gas and pressure) and the adjustment of the appliance are compatible before installation.

3.2 Ensure the gas supply delivers the required amount of gas and is in accordance with the rules in force.

3.3 You can use soft copper tubing on the installation and soft soldered joints outside the appliance and below the firebed.

3.4 A factory fitted isolation device is part of the inlet connection; no further isolation device is required.

3.5 All supply gas pipes must be purged of any debris that may have entered prior to connection to the appliance.

3.6 The gas supply enters through the silicone panel located on the LEFT-HAND side of the outer box. Slit with a sharp knife prior to passing the supply pipe through.

3.7 The gas supply must be installed in a way that does not restrict the removal of the appliance for servicing and inspection.

4. Ventilation

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

UK ONLY:
The Studio 1 has a nominal input not exceeding 7.0kW and does not normally require any additional permanent ventilation.
The Studio 2 must have permanent ventilation with a minimum open area of 5.85cm2.

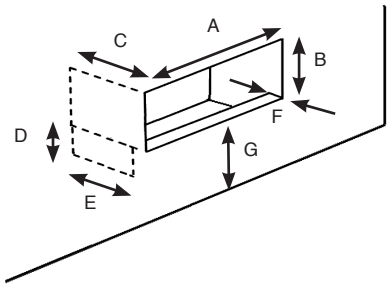
FOR THE REPUBLIC OF IRELAND REFER TO THE RULES IN FORCE FOR VENTILATION REQUIREMENTS.

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 When preparing the aperture for installation into a builder's opening, the front of the wall must be cut out down to the level on which the appliance is to stand. Then, to obtain the correct dimensions shown in Diagram 1a, the lower section of wall must be reconstructed as shown in Diagram 1a.

1a



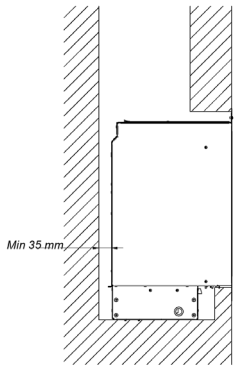
	Studio 1	Studio 2
A	760mm	960mm
B	440mm	440mm
C	350mm	350mm
D	85mm	85mm
E	305mm	305mm
F	45mm max	45mm max
G	175mm min	175mm min

5.2 This appliance must stand on a non-combustible base that is at least 12mm thick; the minimum opening dimensions are shown in Diagram 1a.

Site Requirements

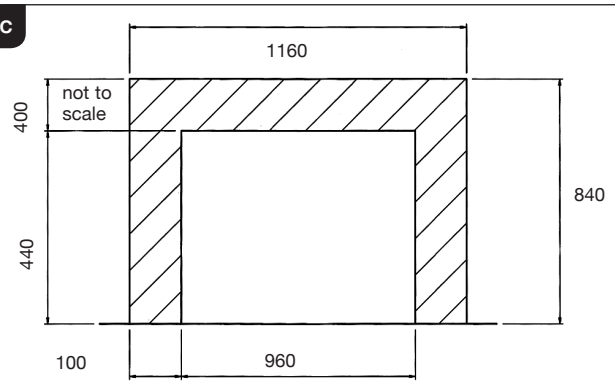
5.3 When the appliance is installed in a masonry chimney without a liner, there must be a minimum debris collection area, see Diagram 1b.

1b



5.4 **DO NOT** install onto a combustible wall; all combustible materials must be removed from the area shown in Diagram 1c.

1c



5.5 A combustible shelf must be a minimum of 400mm above the top of the appliance. This is based on a 150mm deep shelf. For every extra 13mm of depth add 25mm above the 400mm from the top of the appliance, not the frame.

5.6 A side wall must be a minimum of 300mm from the side of the appliance, not the frame.

Installation Instructions

1. Safety Precautions

1.1 For your own and other's safety, you must install this stove according to local and national codes of practice. Failure to install the stove correctly could lead to prosecution. **Read these instructions before installing and using this appliance.**

1.2 These instructions must be left intact with the user.

1.3 Do not attempt to burn rubbish on this appliance.

1.4 Keep all plastic bags away from young children.

1.5 Do not place any object on or near to the appliance and allow adequate clearance above the appliance.

IF THE APPLIANCE IS EXTINGUISHED OR GOES OUT IN USE, WAIT 3 MINUTES BEFORE ATTEMPTING TO RELIGHT THE APPLIANCE.

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

IMPORTANT: REFER TO DATA BADGE AND TECHNICAL SPECIFICATION AT THE FRONT OF THE MANUAL TO ENSURE THE APPLIANCE IS CORRECTLY ADJUSTED FOR THE GAS TYPE AND CATEGORY APPLICABLE IN THE COUNTRY OF USE.

FOR DETAILS OF CHANGING BETWEEN GAS TYPES REFER TO SERVICING, SECTION 17, 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 Appliance

THERE IS AN OPTIONAL DUCT KIT, CODE No. 8572, WHICH CAN BE FITTED AT THE SAME TIME AS THE APPLIANCE INSTALLATION.

2.1 This appliance can be installed in four different ways:

1) Builder's opening with a frame
2) Builder's opening without a frame
3) Stud work with a frame
4) Stud work without a frame

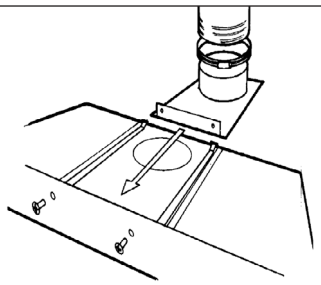
Where no frame is used an edge kit is available to enable the installer to plaster to a finished edge:
Kit No. 8727CFEK01 for Studio 1 and 8727CFEK02 for Studio 2

Options 1) and 2) above can be:

— Top exit with a liner
— Rear exit without a liner

2.2 The Studio is supplied with a flue fixing plate to attach the flue to the appliance within the aperture,see Diagram 1.

1



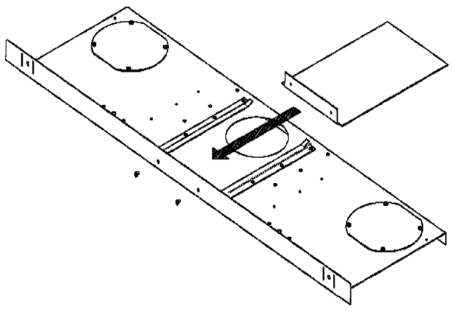
2.3 When installing the appliance into a masonry chimney without a liner, it must be converted to a rear exit.

2.4 Remove the two fixing screws securing the spigot assembly.

2.5 Slide the blanking plate into the guides.

2.6 Replace the two fixing screws, see Diagram 2.

2



The flue must be in good condition and clear products of combustion, see Installation Instructions, Commissioning.

Options 3) and 4) (Studwork with or without a frame) must be fitted using the top exit only with rigid twin wall flue pipe.

2.7 **THE APPLIANCE IS SUPPLIED WITH A WALL BOX CONTAINING THE BATTERIES AND TOUCH PAD. THIS MUST BE RECESSED INTO THE WALL WITH ACCESS FOR THE CABLES PRIOR TO FITTING THE APPLIANCE.**

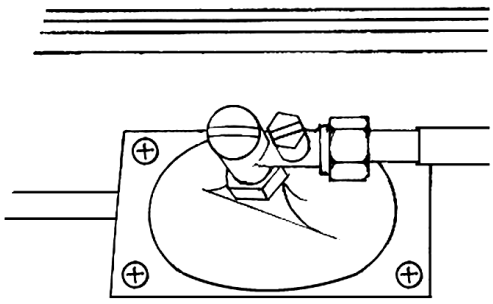
2.8 Remove the appliance from the carton and discard all unnecessary packaging. Ensure no components are thrown away when unpacking.

2.9 To access the controls and gas inlet remove the glass door, liners, burner and splitter plate, referring to Servicing Instructions, Replacing Parts.

2.10 The gas supply enters the appliance through a silicon panel on the floor under the access panel, see Diagram 3.

2.11 Slit with a sharp knife before bringing through the supply pipe , see Diagram 3.

3



3. Studwork Installation

THERE ARE THREE TYPES OF INSTALLATION INTO STUDWORK DESCRIBED IN THE FOLLOWING PAGES:

1) FOR STUDIO WITH EITHER THE STEEL, PROFIL OR BAUHAUS FRAME, SEE SECTION 4.

2) FOR AN INSTALLATION WHERE THE STUDIO SITS FLUSH TO THE FINISHED 'EDGE' OF THE WALL, SEE SECTION 5.

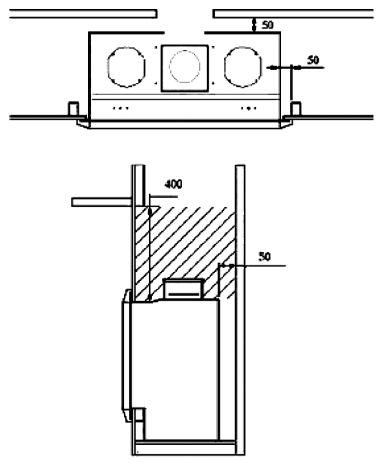
3) FOR A FURTHER 'EDGE' INSTALLATION PROVIDING A COOL WALL ABOVE THE APPLIANCE TO ALLOW CUSTOMERS TO HANG PICTURES ETC, SEE SECTION 6.

THERE IS A FURTHER DESCRIPTION OF A MASONRY INSTALLATION.

3.1 <u>DISTANCE TO COMBUSTIBLE MATERIAL</u>

COMBUSTIBLE PARTS OF THE STUDWORK MUST BE KEPT BEYOND THE MINIMUM DIMENSIONS SHOWN IN DIAGRAM 4. EVEN IF THE FRAMEWORK IS PROTECTED BY NON-COMBUSTIBLE MATERIAL, YOU MUST MAINTAIN THESE DIMENSIONS, SEE DIAGRAM 4.

4



3.2 DO NOT PACK THE VOID AROUND OR ABOVE THE APPLIANCE WITH INSULATION MATERIALS SUCH AS MINERAL WOOL.

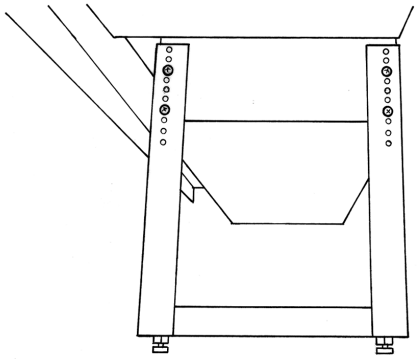
3.3 THE VOID BUILT FOR THE CASSETTE MUST BE VENTILATED TO PREVENT A BUILD-UP OF HEAT. IF THE VOID IS SEALED, THEN YOU MUST FIT VENTS AT BOTH LOW AND HIGH LEVELS OF APPROXIMATELY 50CM^2 EACH. THESE VENTS MUST TAKE COLD AIR FROM THE ROOM AND RETURN WARM AIR BACK INTO THE ROOM.

3.4 AN ACCESS HATCH MUST BE LEFT IN THE SIDE OF THE CHIMNEY BREAST FOR FUTURE SERVICING AND INSPECTION OF THE FLUE AND APPLIANCE.

4. Studwork Installation for Studio with frames

NOTE: With the legs fitted, this appliance can stand directly on the floor (normally in a false chimney breast) or without the legs on a protected platform at the required height, see Diagram 5.

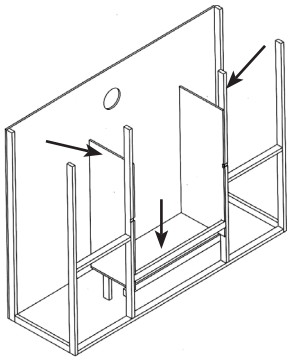
5



4.1 Build the studwork chimney breast and enclosures to the desired size to include the protected platform at the required height.

4.2 Line the aperture for the appliance with 12mm thick non-combustible material as shown, see Diagram 6.

6



4.3 Ensure the clearances are maintained, see Diagram 4.

4.4 Site the appliance and decide on flue requirements.

4.5 Cut a hole for the flue exit.

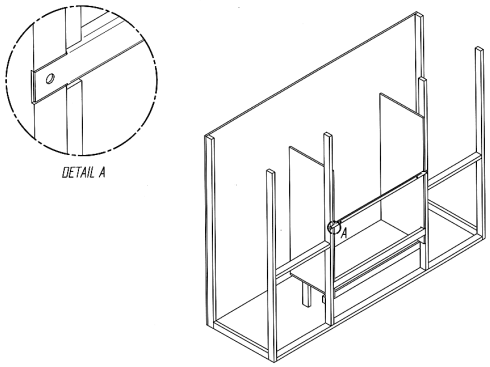
Installation Instructions

4.6 Provide gas and electric services into the cassette void on the left-hand side.

Because no combustible material can be used above the appliance, we provide a support bar.

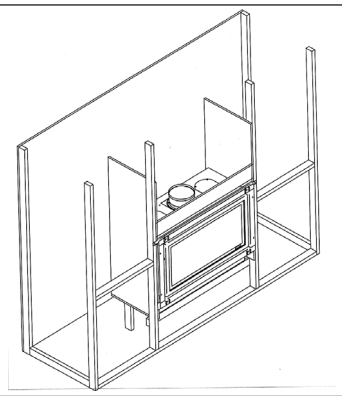
4.7 **Mark out the position to fit the supplied top support bar into the studwork at the correct height. This bar needs to be recessed into the studwork, see Diagram 7.**

7



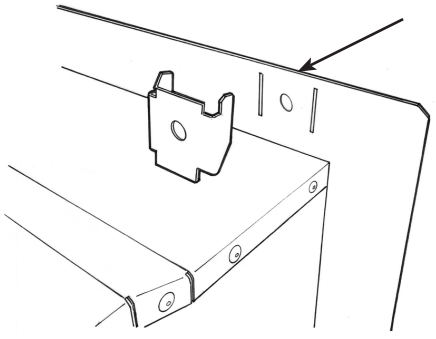
4.8 Fit the support bar into the studwork at the correct height, see Diagram 8.

8



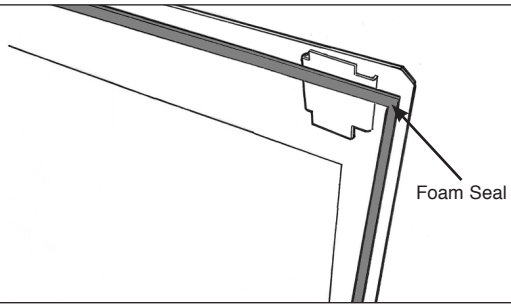
4.9 Attach the 4 frame fixing brackets to the appliance, see Diagram 9.

9



4.10 Fix foam seal to the outer flange of the appliance, see Diagram 10.

10



4.11 Position the appliance.

4.12 Fit non-combustible board to the studwork around the appliance. This should extend a minimum of 400mm above the appliance and at least 50mm to the sides of the appliance (from the outer box, not the flanges).

4.13 Apply plasterboard to the remainder of the studwork.

4.14 Secure the appliance back to the studwork using four screws through flange, bracket, support bar.

4.15 Apply a plaster finish to the front of the chimney breast.

Slips

Because of the high temperatures this appliance achieves, it is advisable to use marble slips or similar material between the appliance and the plasterboard.

Never use a one-piece slip as expansion (even cracking) can occur.

Note: If a slip is used, longer screws are needed to secure the appliance.

To finish this installation:

4.16 Connect the wall box and batteries following instruction in Section 8.

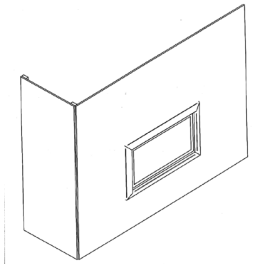
4.17 Connect the flue system.

4.18 Connect the gas services using the opening in the side of the chimney breast for access.

After commissioning:

4.19 Finish the sides of the chimney breast, see Diagram 11.

11



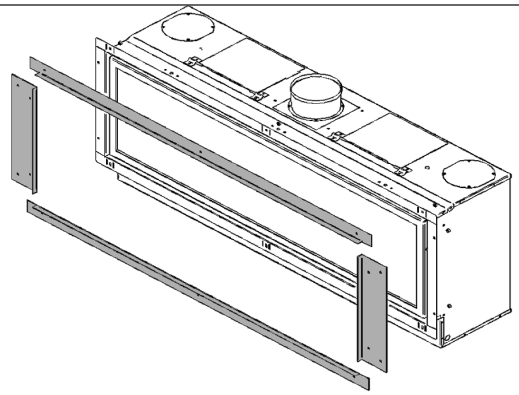
5. Studwork for Studio Edge Installation Kit

There is an optional Studio Edge Installation Kit available for installing the appliance without a frame: Studio 1 CF Code No. 8727CFEK01 or Studio 2 CF Code No. 8727CFEK02.

Using the installation kit:

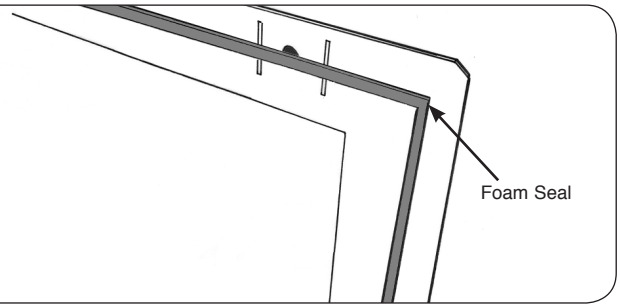
5.1 Fit the four metal brackets of the kit to the appliance, see Diagram 12.

12



5.2 Fix foam seal to the rear of the outer flange of the appliance, see Diagram 12.

13

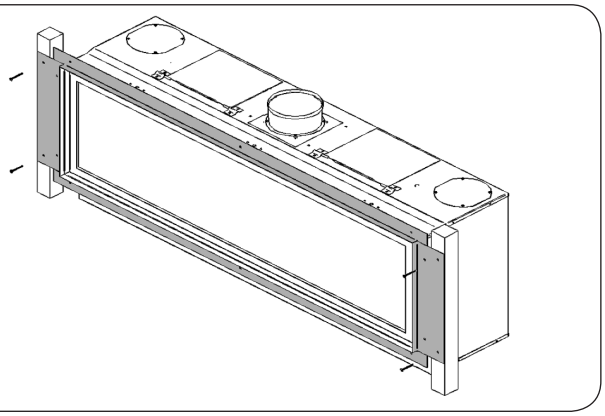


5.3 Put vertical studwork at minimum clearance to the side of the appliance (50mm).

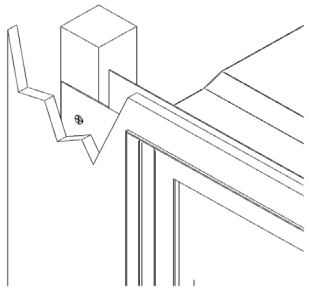
5.4 Secure to the vertical studwork through the holes in the metal brackets fitted to the appliance.

5.5 The kit has been designed so that non-combustible board can be taken right up to the edge of the four brackets, see Diagrams 14 & 15.

14



15



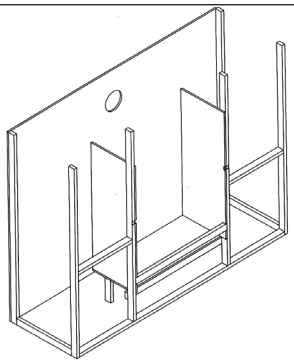
5.6 Build the studwork chimney breast to the desired size.

5.7 Ensure all clearances to combustible material are maintained (see Section 3 above).

5.8 Decide on flue requirements.

5.9 Cut a hole for the flue exit.

16



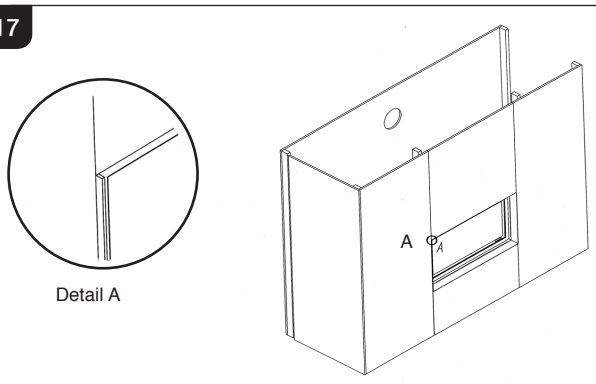
5.10 Fit non-combustible board to the studwork above the appliance. This should extend a minimum of 400m above the appliance.

5.11 Fit plasterboard to the remaining chimney breast front.

5.12 Connect the flue system and gas services using the opening in the side of the chimney breast for access.

5.13 After commissioning, finish the sides of the chimney breast, see Diagram 17.

17



5.14 Apply a plaster finish to the chimney breast using heat resistant plaster in the area directly above the appliance.

Installation Instructions

6. Studwork for Cool Wall Installation Kit

For this cool-wall installation, the convected heat from the appliance is channelled into the chimney cavity and vented at the top.

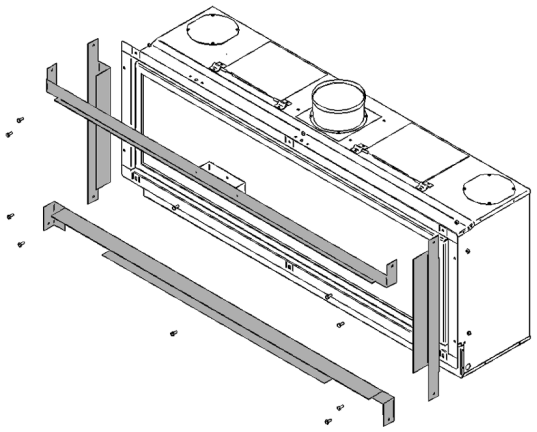
The cool wall installation kit is provided unfinished. This allows the kit to be finished to match the front face decor.

There is an optional Studio Cool Wall Installation Kit available for installing the appliance without a frame: Studio 1 CF Code No. 8727CFCW01 or Studio 2 BF Code No. 8727CFCW02.

Using the fixing kit:

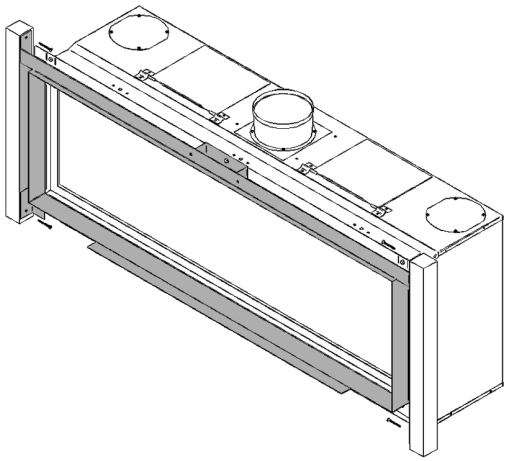
6.1 Fit the four metal brackets of the kit to the appliance, see Diagram 18. There is a deliberate gap at the top for convected heat.

18

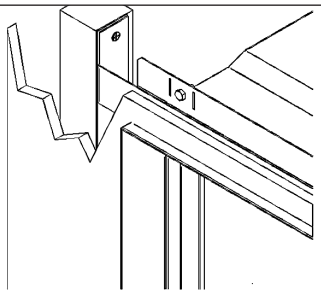


6.2 This now determines the width of your two vertical studwork supports. The kit has been designed so that non-combustible board can be taken right up to the edge of the four brackets, see Diagrams 19 & 20.

19



20



6.3 Fix the left and right metal brackets into the studwork.

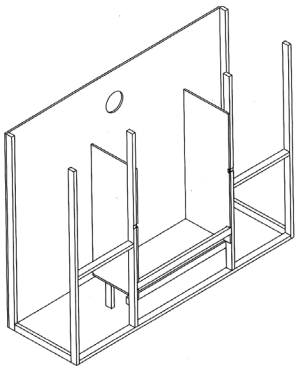
6.4 Build the studwork chimney breast to the desired size.

6.5 Ensure all clearances to combustible material are maintained (see Section 3 above).

6.6 Decide on flue requirements.

6.7 Cut a hole for the flue exit.

21

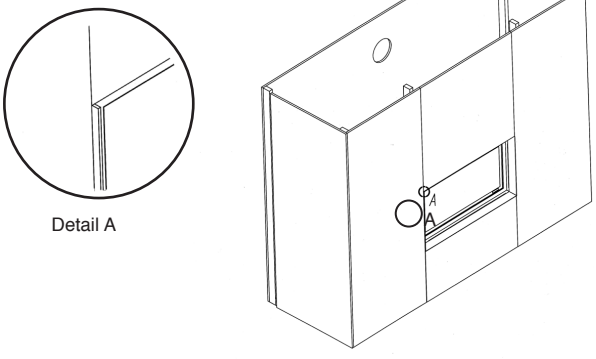


6.8 Fit non-combustible board to the studwork above the appliance. This should extend a minimum of 400m above the appliance.

6.9 Fit plasterboard to the remaining chimney breast front.

6.10 Connect the flue system and gas services using the opening in the side of the chimney breast for access.
After commissioning, finish the sides of the chimney breast, see Diagram 22.

22



6.11 The top of the chimney breast must have a minimum 200cm^2 vent.

6.12 Apply a plaster finish to the chimney breast.

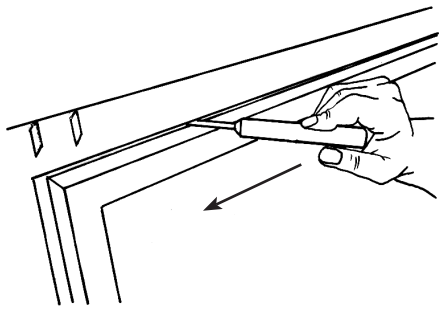
7. Masonry Chimney Installation

NOTE: Do not use the legs (of the appliance) in this installation

To remove the glass door:

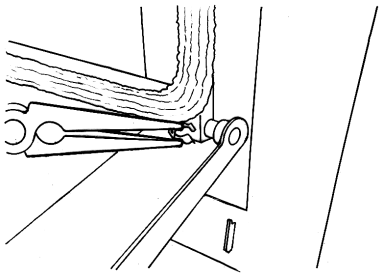
7.1 Use the hexagon key provided to release the two window locks by moving them from shut to open towards the outer edge of the door, see Diagram 23.

23



7.2 With the door lowered remove the spring clip from the right-hand hinge pin, see Diagram 24.

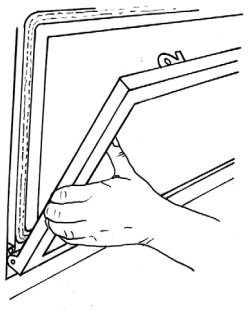
24



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

7.4 Lower the left-hand side of the door to clear the pin and move the door to the right to release it from the right pin The door is now free to remove, see Diagram 25.

25

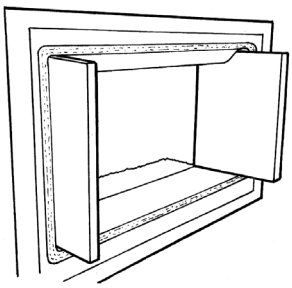


7.5 Remove all the enamelled panels, see Diagram 26 and Replacing Parts, Section 5.

or

7.6 Remove all vermiculite panels, see Replacing Parts, Section 6.

26

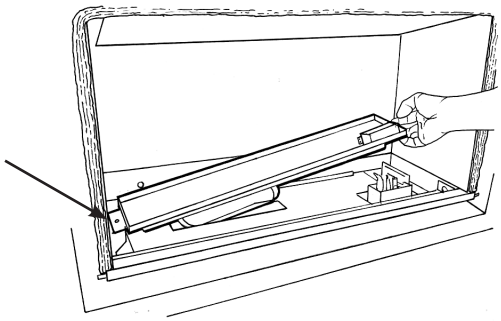


7.7 Remove the screw retaining the burner.

7.8 Move the burner to the left to disengage the burner flange from the slot and injector.

7.9 Raise the right side and remove the burner, see Diagram 27.

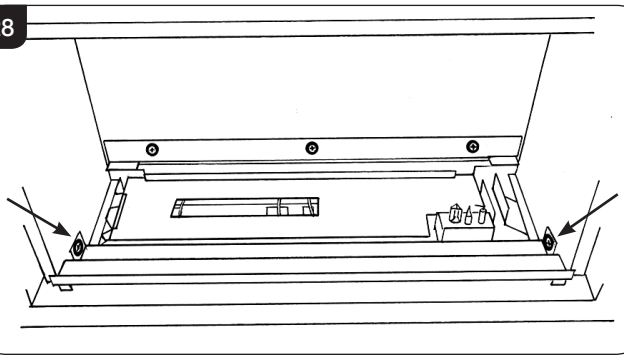
27



7.10 Loosen the two screws retaining the plate beneath the burner.

7.11 The front of the plate can now be lifted off the screws. Pull it forward and remove, see Diagram 28.

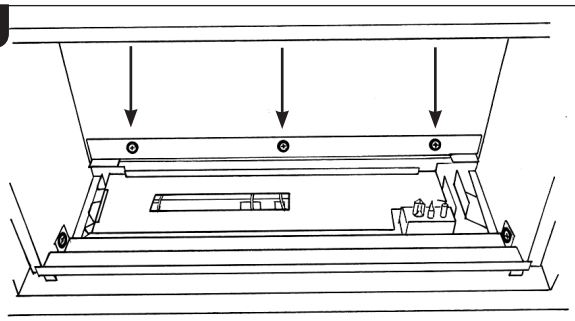
28



7.12 Remove the three screws retaining the rear back panel.

Installation Instructions

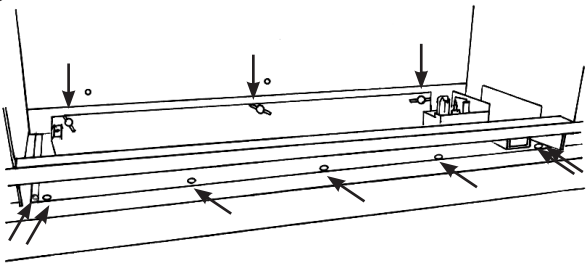
29



7.13 Lift and pull forward off the slotted brackets.

7.14 With the appliance on its back remove the three wing nuts and screws retaining the loose box, see Diagram 30.

30



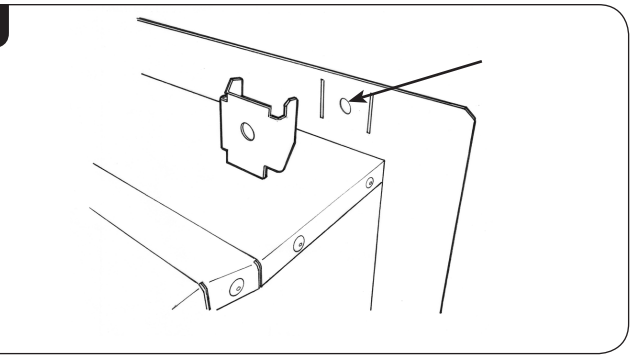
7.15 Move the box forward to release the rear off the studs.

7.16 Tilt the front edge of the box upwards and remove from the appliance.

METHOD 1 - FRAME

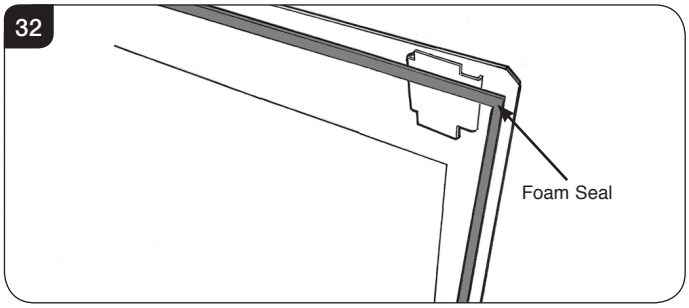
7.17 Fit the four frame fixing brackets through the rear of the flanges, see Diagram 31.

31



7.18 Attach the foam seal around the rear of the flange, see Diagram 32.

32



7.19 Fit the main firebox into the aperture and secure with the screws and expansion plugs provided through the top and bottom flanges.

7.20 Feed the wires for the remote touch pad through the grommet in the left side of the loose box.

7.21 The wires are then fed inside the firebox and routed through the available access.

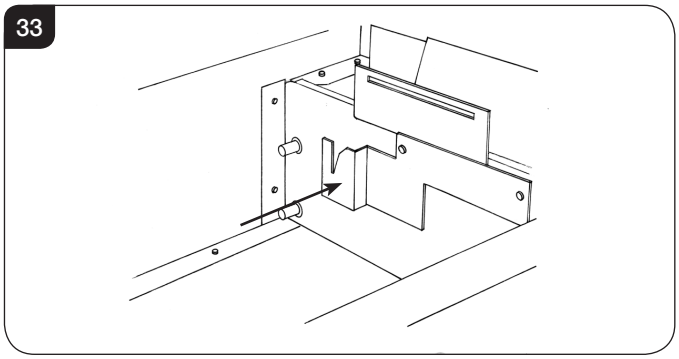
7.22 Replace the loose box inside the main firebox ensuring the wires are not trapped.

7.23 Replace the three wing nuts and seven screws.

7.24 Connect the gas supply and check for leaks.

7.25 Replace the rear panel ensuring the bottom edge locates in the tapered brackets, see Diagram 33.

33



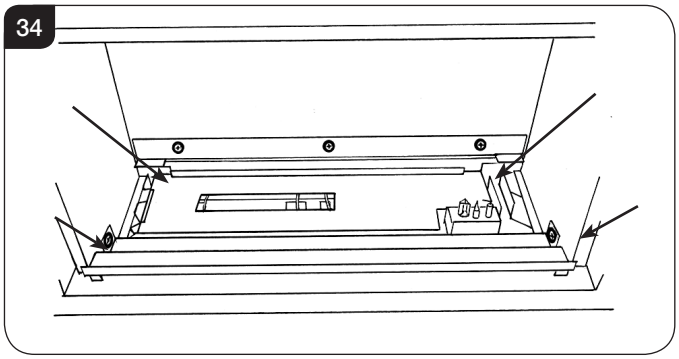
NOTE: To check gas pressure refer to Section 7.48 onward.

7.26 Replace the splitter plate.

7.27 Locate the rear two tabs into the rear panel.

7.28 Engage the two side slots over the screws and secure, see Diagram 34.

34



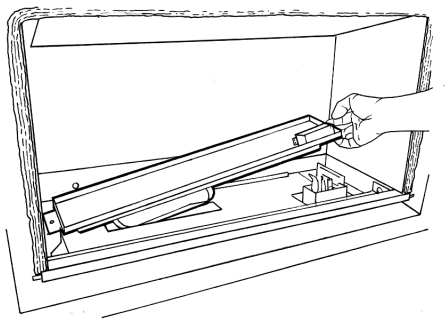
To replace the burner:

7.29 Locate the left-hand side into the burner bracket.

7.30 Lower the right-hand side to engage the injector onto the venturi and also the pilot into the aperture in the burner skin.

7.31 Push the burner to the right and engage the burner into the slot in the bracket, see Diagram 35.

35



7.32 Replace the fixing screw.

7.33 To replace the doors and panels, Replacing Parts, Sections 3, 5 and 6.

METHOD 2 - NO FRAME

The front of the chimney breast has to be studded and boarded to allow the Edge kit to be fitted.

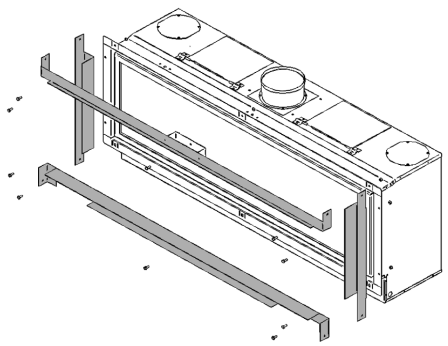
Cool Wall:

For this Cool Wall Edge installation, the convected heat produced by the appliance is channelled into the cavity between the existing chimney and the false wall, then vented at the top. The vent should have a minimum open area of 200mm.

7.34 Proceed as described in *Section 7.1 to 7.16,* but do not fit the frame brackets.

7.35 Once the box has been removed from the appliance fit the edge kit to the two sides and lower edge using the screws and expansion plugs provided, see Diagram 36.

36



7.36 Stud the face of the chimney breast as described in Section 6, above.

DO NOT FIX ANY HORIZONTAL STUD WORK ABOVE THE APPLIANCE AS THIS WILL PREVENT THE CONVECTED AIR ESCAPING THROUGH THE VENTS.

7.37 Fit the non-combustible board and the plasterboard as described in Section 3.

7.38 Apply plaster skim to the front of the chimney breast.

Edge Kit:

7.39 Apply the same method for an Edge finish as described in the Cool Wall section above, referring also to Section 5.

MASONRY INSTALLATION FOR METHODS 1 & 2

7.40 Remove the compression elbow from the appliance and connect it to the gas supply pipe.

7.41 As the loose box is fitted into the main appliance pass the elbow and supply pipe through the silicone panel on the left side.

7.42 Engage the rear of the box onto the three studs on the rear of the appliance and lower the front edge.

7.43 Replace the three wing nuts and seven screws.

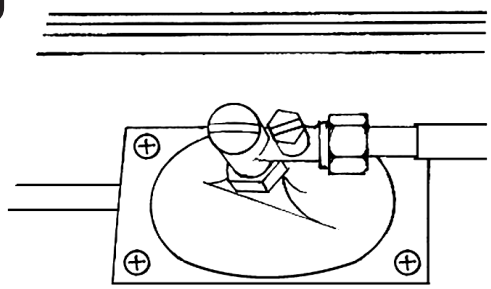
7.44 Replace the rear loose panel.

7.45 Ensure the lower edge engages into the tapered brackets.

7.46 **PURGE THE SUPPLY PIPE.** This is essential to expel any debris that may block the gas controls.

7.47 Connect the elbow to the appliance inlet pipe, see Diagram 36.

36



7.48 Connect a suitable pressure gauge to the test point located on the inlet fitting.

7.49 Turn on the gas.

The burner must be temporarily fitted whilst completing this procedure.

7.50 Light the appliance and check for leaks.

7.51 Turn the appliance to maximum and check that the supply pressure is as stated on the data badge.

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

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

7.54 Replace the splitter plate and burner.

Installation Instructions

8. All types of installation into Studwork - Wall Box & Batteries

Please note: As an optional extra Gazco can provide a mains adapter to supply constant power to the appliance control box instead of the battery pack.

If installing an appliance with the adapter make provision for a mains power socket within 1.5m of the control box and follow the instructions provided.

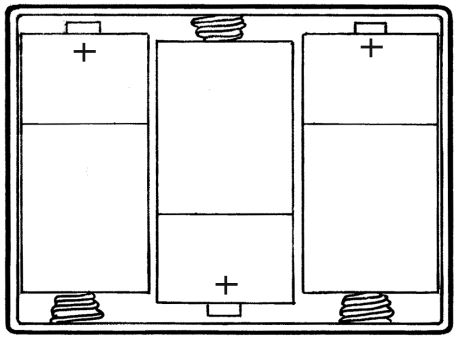
8.1 Decide on the position for the wall box containing the batteries and wall switch.

A combined battery power supply and touch control cable is supplied and pre-fitted to the appliance control. Provision is made for the cable to exit either the left or right of the appliance through the grommet. The cable is 3 metres long.

When deciding the route of the cables consideration must be given to avoiding contact with the appliance and the flue system.

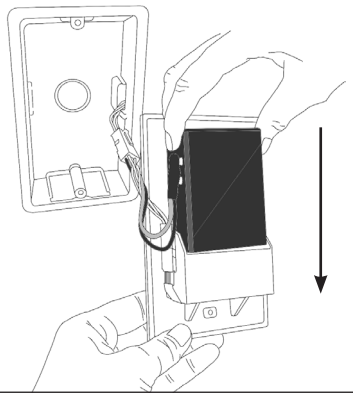
8.2 Correctly position the three new high quality (Duracell or similar) size C batteries into the battery holder. Replace the cover by sliding it on to the battery holder.

37



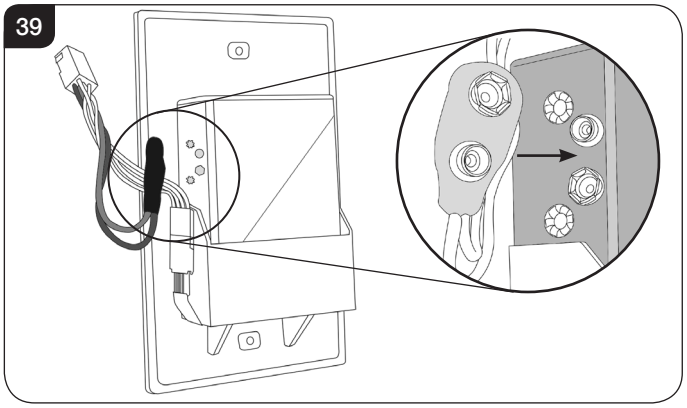
8.3 Slide the battery box into its housing in the back of the wall plate, see Diagram 38.

38

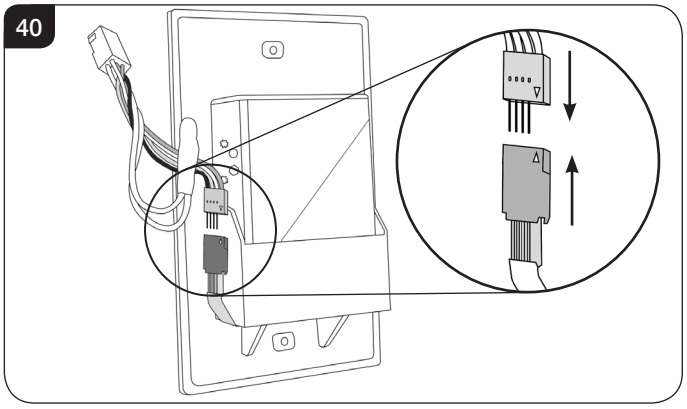


8.4 Ensure both sets of wires are connected, see Diagrams 39 & 40. **When replacing the 4 pronged connector ensure that the arrows are aligned.**

39

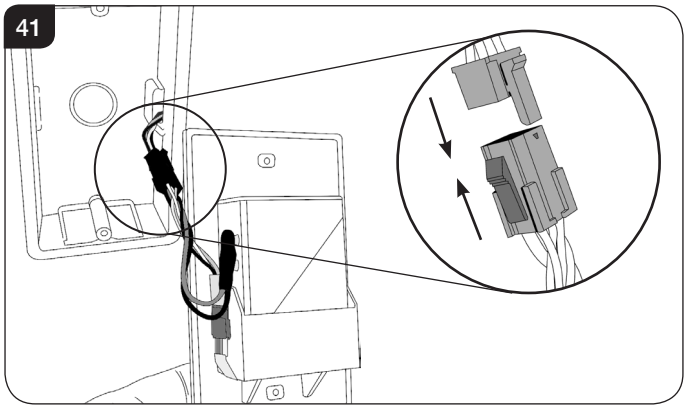


40



8.4 Connect the cable from the appliance to the touch pad cable, see Diagram 41.

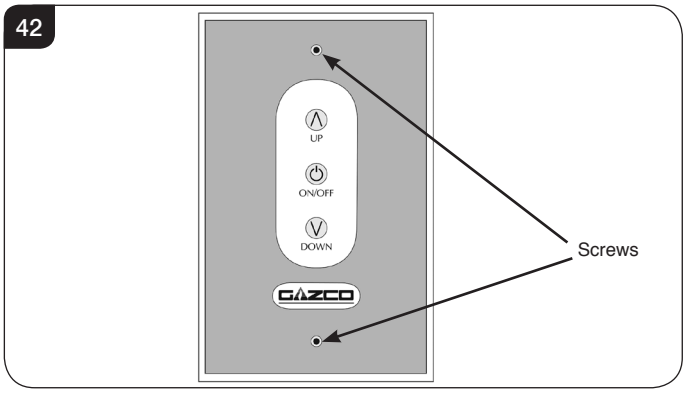
41



8.5 **IMPORTANT: THE WALL SWITCH MUST BE INSTALLED USING THE PLASTIC DRY LINING BOX SUPPLIED.**

Secure the wall plate to the dry lining box with the 2 x screws provided, see Diagram 42.

42



PLEASE ENSURE NO WIRES ARE TRAPPED BEFORE REPLACING THE WALL PLATE. THE TOUCH PAD LEAD IS EASILY DAMAGED.

9. Assembling the appliance

9.1 Add the stone chippings, glass granules or vermiculite, making sure they are flattened and level with the rim of the tray.

TAKE CARE NOT TO SPILL FUEL EFFECT INTO THE PILOT AREA.
ONLY GENUINE GAZCO PARTS CAN BE USED IN THIS APPLIANCE.

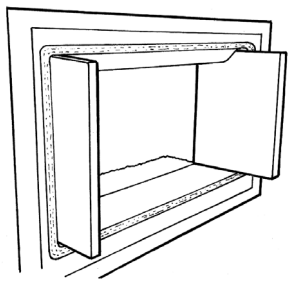
Vermiculite Only: Use the exact amount of vermiculite supplied. This is just enough to cover the burner.

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

For **Studio 2 Only**:

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

43



9.4 VERMICULITE/ BLACK REEDED PANELS

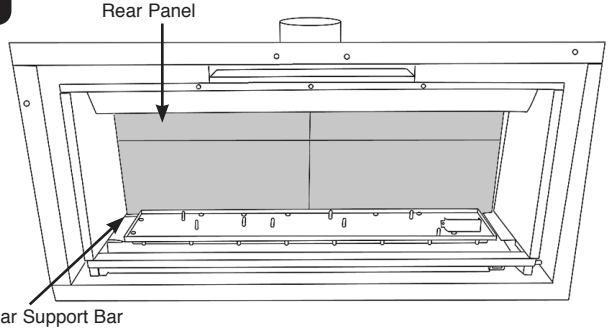
NOTE: STUDIO 1 & 2 FRONT PANELS ARE IN TWO PIECES:

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

9.5 Place the rear panel behind the locating bracket on the rear support bar.

9.6 Centralise the rear panelwith the chamfers touching and pushed together, see Diagram 44.

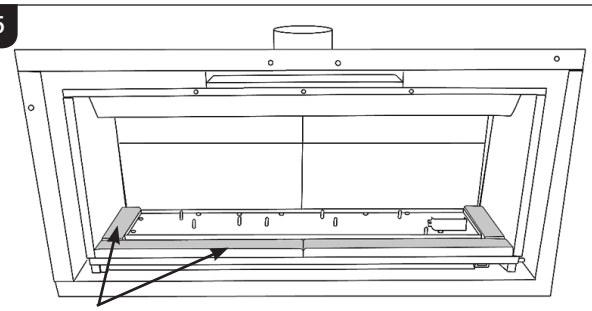
44



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

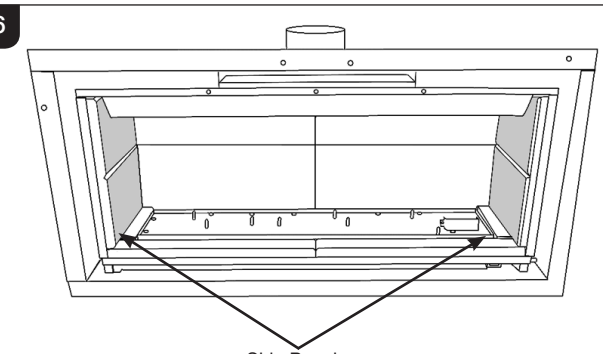
9.8 Ensure the two-piece front panels are engaged against the centre support tags on the burner and are pushed together. in the middle, see Diagram 45.

45



9.9 Slide the two side panels up to the rear panel, see Diagram 46.

46



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

Installation Instructions

10. Arrangement of the Fuel Bed

Advice on handling and disposal of fire ceramics

The fuel effect of the log version of this appliance is made from Refractory Ceramic Fibre (RCF), a material which is commonly used for this application.

Protective clothing is not required when handling these articles, but we recommend you follow normal hygiene rules of not smoking, eating or drinking in the work area and always wash your hands before eating or drinking.

To ensure that the release of RCF fibres are kept to a minimum, during installation and servicing a HEPA filtered vacuum is recommended to remove any dust accumulated in and around the appliance before and after working on it. When servicing the appliance it is recommended that the replaced items are not broken up, but are sealed within heavy duty polythene bags and labelled as RCF waste.

RCF waste is classed as stable, non-reactive hazardous waste and may be disposed of at a licensed landfill site.

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

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

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

TAKE CARE NOT TO SPILL STONE EFFECT CHIPPINGS, GLASS GRANULES OR VERMICULITE INTO THE PILOT AREA. ONLY USE THE FUEL EFFECT SUPPLIED BY GAZCO IN THIS APPLIANCE.

11. Log Layout

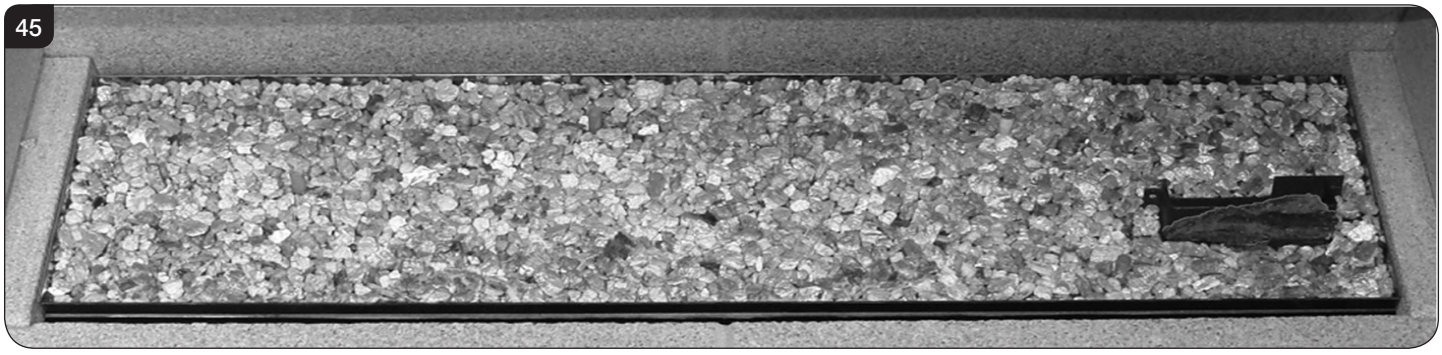
LOGS MUST BE POSITIONED ACCORDING TO THE FOLLOWING INSTRUCTIONS TO GIVE THE CORRECT FLAME EFFECT

Layout for Studio 1

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

11.2 Rest the ceramic bark against the front face of the pilot shield, see Diagram 45.

45



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

11.3 Working from left to right place logs A, B and C onto their studs, see Diagram 46.

46

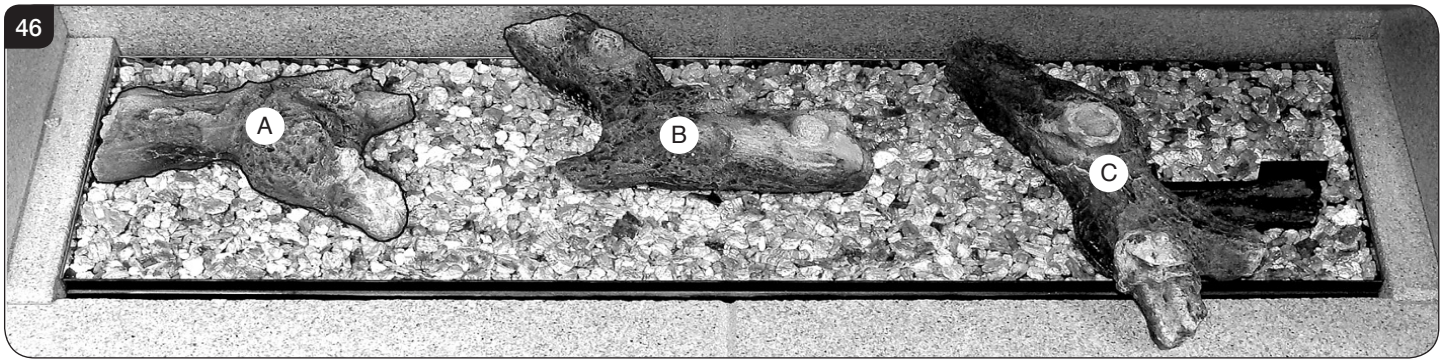
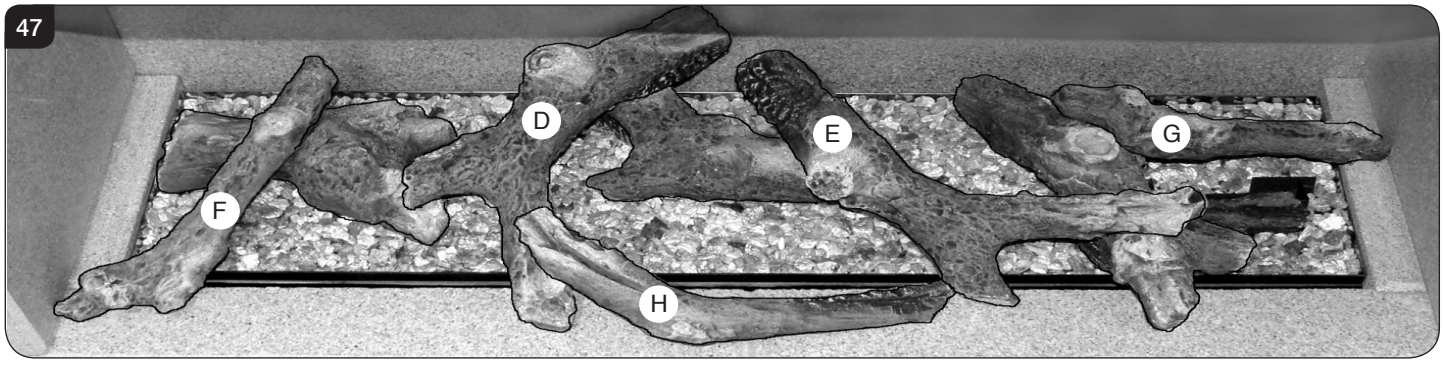


Diagram 47 shows the layout of logs D to H.

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

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

47



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

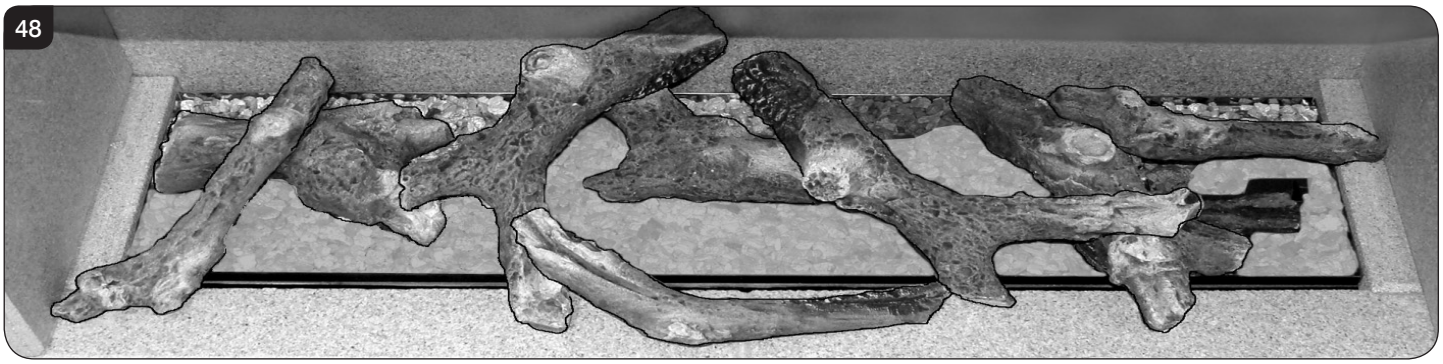
11.7 Log G is centrally positioned around the moulded wood knot of Log C and rests against the right side panel crossing the pilot shield beneath.

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

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

11.10 Place the pieces of Embaglow between the logs in the highlighted areas shown in Diagram 48. Ensure the material is placed loosely between the logs to create a random glow.

48



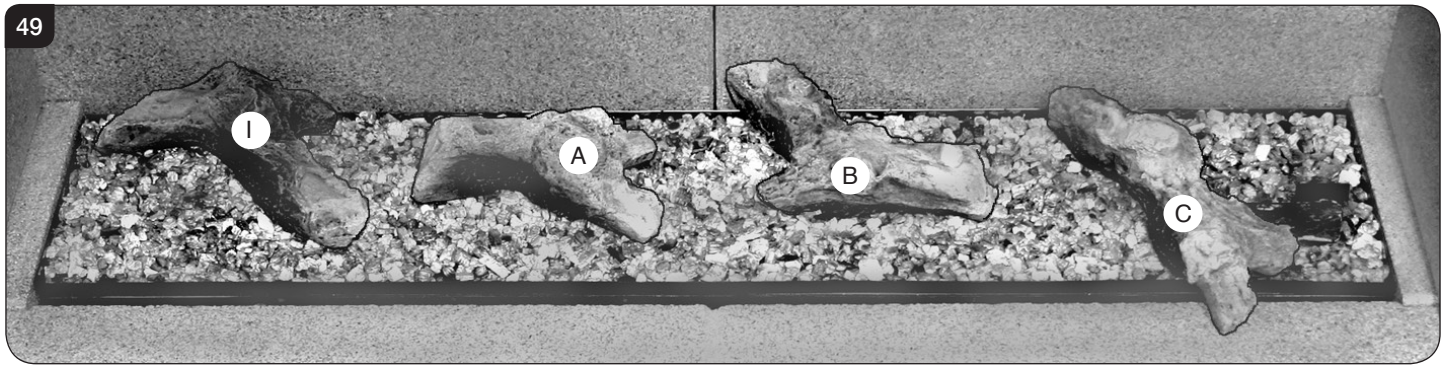
Layout for Studio 2

11.11 Preparation with vermiculite and the ceramic bark pilot shield is the same as for Studio 1, see 9.1 & 9.2.

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

11.12 Place logs I, A, B and C onto their studs, see Diagram 49.

49



Installation Instructions

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

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

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

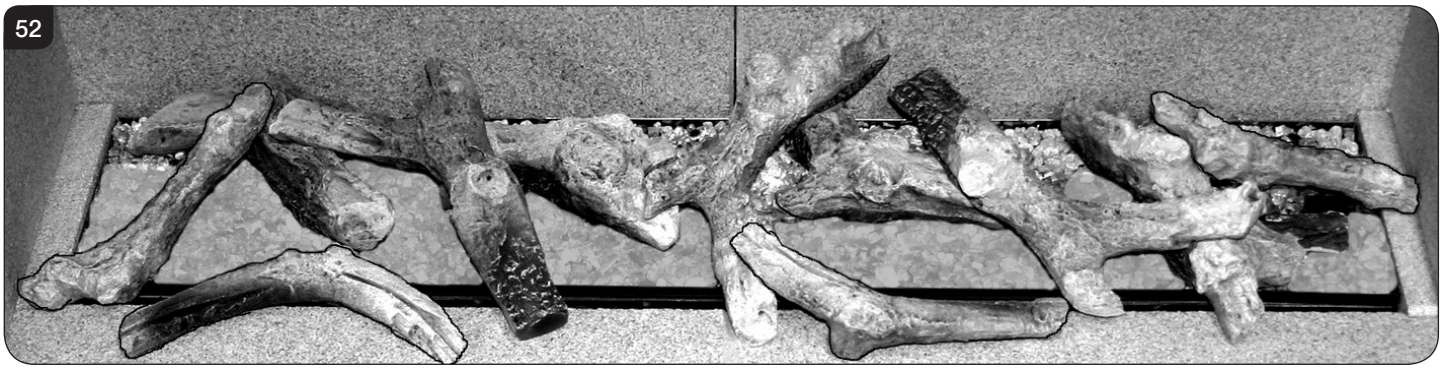
11.19 The second Log H rests anywhere on the front panel between F and J. **DO NOT LET THIS LOG OVERLAP THE BURNER.**

51

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

11.21 Place the pieces of Embaglow between the logs in the highlighted areas shown in Diagram 52. Ensure the material is placed loosely between the logs to create a random glow.

52



12. Completion of Assembly

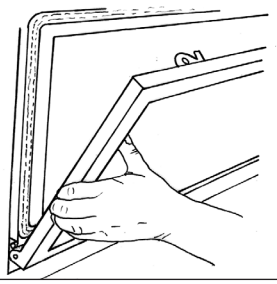
To fit the window frame:

12.1 Keep the frame in the upright position with the locks uppermost.

12.2 Offer the frame to the foot of the opening.

12.3 Slide the frame to the right to locate the right hinge pin.

53

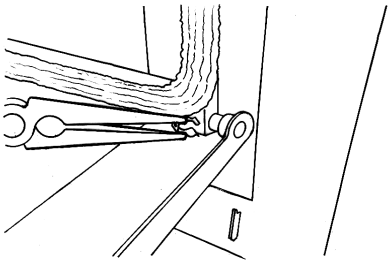


12.4 Manoeuvre the frame up towards the left side to locate the left hinge pin.

12.5 Slide onto the hinge with a right movement.

12.6 Secure in place with a spring clip at the right hinge pin, see Diagram 54.

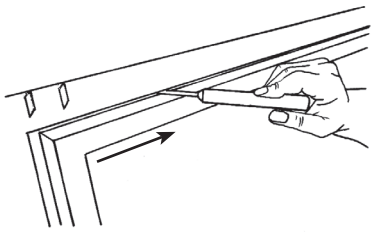
54



12.7 Close the window.

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

55



12.9 **When closing the door ensure the door catches are fully engaged**.

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

13. Decorative Frame

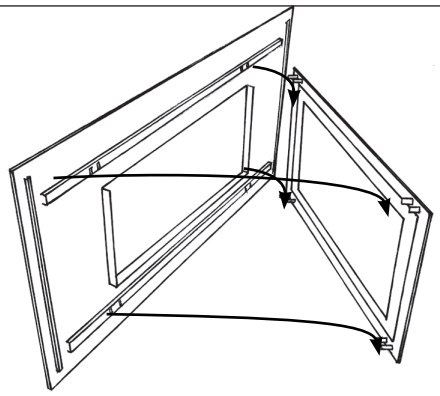
The fitting of the frame requires 2 people

To attach the frame:

13.1 Rest the lower fixing angle of the frame onto the bottom brackets attached to the appliance flange.

13.2 Lift the upper angle onto the top brackets and lower, see Diagram 56.

56



14. Operating the Appliance

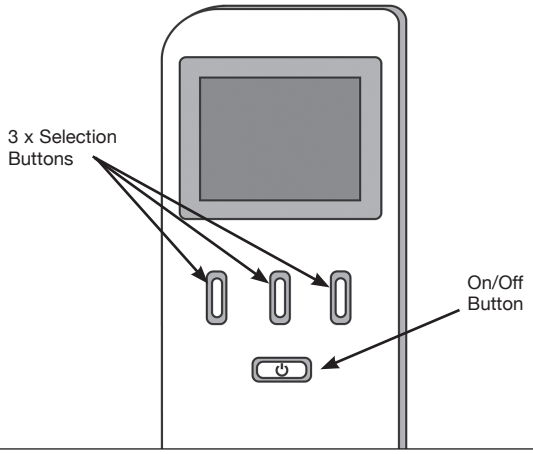
14.1 The appliance has 4 flame settings:

1. High.
2. Medium.
3. Low.
4. Standby (Pilot only).

14.2 Both touch pad and handset allow you to manually switch between flame settings.

14.3 The Thermostatic handset also allows to set the appliance to automatically regulate the room temperature.

57



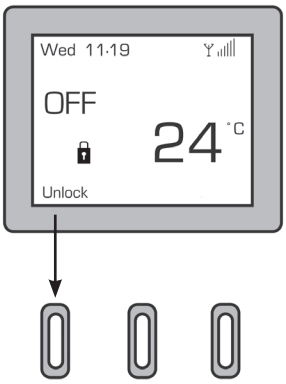
Before using the remote control:

14.4 If there is no display on the LCD screen press any key.

14.5 When first powered, the handset displays the OFF screen. The handset may be locked as indicated by the padlock symbol (🔒), see Diagram 57.

NOTE: To select a function from the options displayed at the bottom of the screen press the button directly below the desired function.

58



14.6 To unlock the handset select Unlock followed by OK - the symbol will change to an open padlock (🔓).

14.7 There are 3 different modes available for controlling and operating the appliance for full operating details see Section 2, User Instructions.

When a command from the handset is received a beep will sound and the LED on the handset will briefly illuminate.

NOTE: The LED flashes every 4 seconds to show that it is communicating with the appliance. After each command has been accepted the LED will cease flashing until the command has been carried out. Wait until the LED resumes flashing before giving another command.

Manual Mode

Switching the Appliance ON:

14.8 To light the appliance press the On/Off (⏻) button, this will bring up the LCD screen. Select the 'On' option on the left of the screen immediately followed directly by the OK button, a single beep will sound.

Installation Instructions

After the start up cycle has completed the appliance will light on the high flame setting (this can take up to 20 seconds).

Select the 'Manual' option on the screen to control the appliance.

Decreasing the Flame Height:

14.9 From the high flame setting press DOWN (↓) once to lower the flame to the medium setting.

14.10 From the medium flame setting press DOWN (↓) once to lower the flame to the low setting.

14.11 From the low flame setting press DOWN (↓) once to put the appliance in Standby mode (Pilot only).

Increasing the Flame Height:

14.12 To light the appliance when it is in Standby mode press UP (↑) once. The appliance will light on the **Low** flame setting.

14.13 From the low setting press UP (↑) once to increase the flame setting to medium.

14.14 From the medium setting press UP (↑) once to increase the flame setting to high.

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

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

Switching the Appliance OFF:

14.15 To switch the appliance OFF press the On/Off (⏻) button once, see Diagram 57.

FOR FULL OPERATING INSTRUCTIONS AND TROUBLESHOOTING SEE USER SECTION.

15. Touch Pad Control

59

The touch pad control is located on the front of the wall switch and allows manual operation of the appliance, see Diagram 55.

With the touch pad it is possible to turn the appliance ON, OFF and control the flame setting.

NOTE: When using the touch pad buttons a beep will be emitted from the appliance to indicate an accepted command.

Lighting the appliance

15.1 Press the On/Off button once.

If the pilot fails to light, press the ON/OFF button to switch OFF. Wait for at least 30 seconds before attempting to relight.

15.2 After the start up cycle has completed the appliance will light on the **high flame setting** (this can take up to 20 seconds).

If the appliance is in Standby mode, pressing the UP (∧) button will cause the main burner to ignite on the **Low** flame setting.

15.3 To increase the flame height press the UP (∧) button.

15.4 To decrease the flame height press the DOWN (∨) button.

15.5 When on the lowest flame setting pressing the Down (∨) button will switch the appliance to Standby mode (pilot only).

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

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

To Switch the Appliance OFF:

15.6 To turn the appliance **OFF** press the On/Off button once.

Touch Pad Control Not Working

If the appliance is not operating with the touch pad control:

15.7 Replace the batteries in the wall switch unit, see Section 6, User Instructions.

15.8 If the appliance still fails to operate consult your installer or Gazco retailer.

Installation Instructions/Commissioning

1. Commissioning

1.1 Check the flame picture, log/pebble layout.

1.2 Check the gas pressure.

1.3 Close all door and windows in the room.

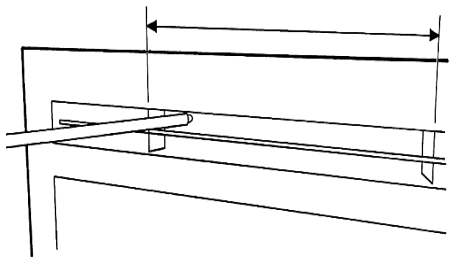
1.4 Ignite the Studio and operate on maximum for 5 minutes.

1.5 Position a lighted smoke match just inside the draught diverter opening and check all smoke is drawn in along the opening.

If there is any doubt:

1.6 Run the appliance for a further 10 minutes and repeat the test, see Diagram 1.

1



1.7 Complete the Commissioning Checklist at the front of this manual covering:

— Flue checks

— Gas checks

— Log/fuel effect layout - flame picture

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

1.8 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.

1.9 Guide the user through the User Instructions paying particular attention to:

a) Regular servicing (Section 12 of the User Instructions).

b) Ventilation (Section 13 of the User Instructions) - point out the ventilation positions where applicable.

c) Hot surfaces (Section 15 of the User Instructions).

d) How the appliance works with the touch pad control (Section 5 of the User Instructions).

e) How the appliance works with the remote control handset and the modes of operation (Section 2 of the User Instructions).

f) How to change settings in the auto mode and program modes of operation.

g) What to do if the appliance fails to operate (Section 16 of the User Instructions).

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

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

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

2. Pairing the appliance

To access the control panel in order to pair the appliance it will be necessary to remove the Main Control Assembly, see Servicing Section 4.

If there is no communication between the remote control and the appliance after replacing the control box or the handset, it will be necessary to pair the two together.

Before starting the pairing process ensure the handset is programmed to Channel 'C' see Section 3.

2.2 Ensure batteries are fitted and working in the handset.

2.3 Check all leads and cables are connected correctly.

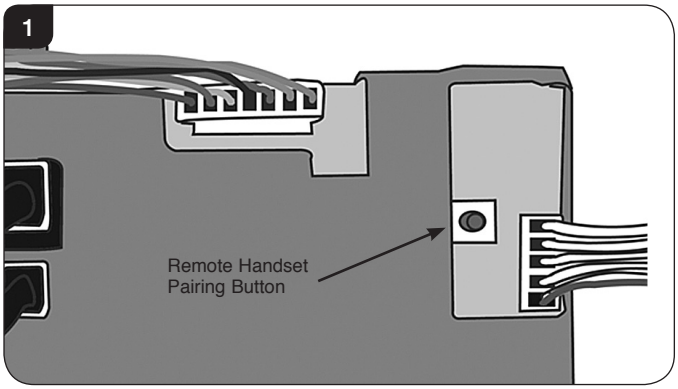
2.4 Ensure the handset is unlocked. To unlock the handset select Unlock followed by OK - the symbol will change to (🔓).

2.5 Press the ON/OFF button (⏻) on the handset and keep it depressed until the screen changes to the configuration menu. This may take up to 30 seconds and the screen may go blank before changing to the configuration screen.

2.6 When the configuration menu screen appears change the Pairing option to ON using the Change button.

2.7 Within 20 seconds press the yellow button on the control unit repeatedly until a single beep is heard confirming the pairing operation has been successful, see Diagram 1. This may be easier using a pencil, ball point pen or similar.

1



Commissioning

2.8 The remote handset will display a signal level in the top right hand corner. This may take up to 4 minutes.

2.9 Press the back button on the handset to return to the configuration menu and then again to return to the main menu.

3. Changing channel

WHEN ATTEMPTING A NEW PAIRING PROCEDURE THE HANDSET SHOULD BE SET TO CHANNEL 'C'. IF THE APPLIANCE IS ALREADY SET TO CHANNEL 'C' BUT NO COMMUNICATION SIGNAL STRENGTH IS SHOWN ON THE HANDSET, IT WILL BE NECESSARY TO CHANGE THE COMMUNICATION CHANNEL USING THE FOLLOWING PROCEDURE.

3.1 Ensure the handset is unlocked. To unlock the handset select Unlock followed by OK - the symbol will change to (🔓).

3.2 Press the ON/OFF button (⏻) on the handset and keep it depressed until the screen changes to the configuration menu. This may take up to 30 seconds and the screen may go blank before changing to the configuration screen.

3.3 Press the button below the down arrow (↓) to scroll through the menu until 'Channel' is displayed.

3.4 The channel is normally pre-set to C. Press the button below 'Select' and then use the down arrow (↓) to set the handset to channel A or B.

3.5 Disconnect the batteries from the control box and reconnect after 10 seconds.

3.6 The remote handset will display a signal level in the top right hand corner. This may take up to 4 minutes, check the strength of the signal in the top right hand corner of the LCD display (📶).

Servicing/Fault Finding Charts

1. Servicing Requirements

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

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

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

1.1 **Before Testing:**

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

1.2 **Special checks:**

- Clean the burner using a vacuum cleaner with a soft brush attachment. Ensure all debris is removed from the burner ports.
- Clean away lint or fluff from the pilot.
- Clean away lint or fluff from under the burner.
- Check the spark gap on the pilot is correct.

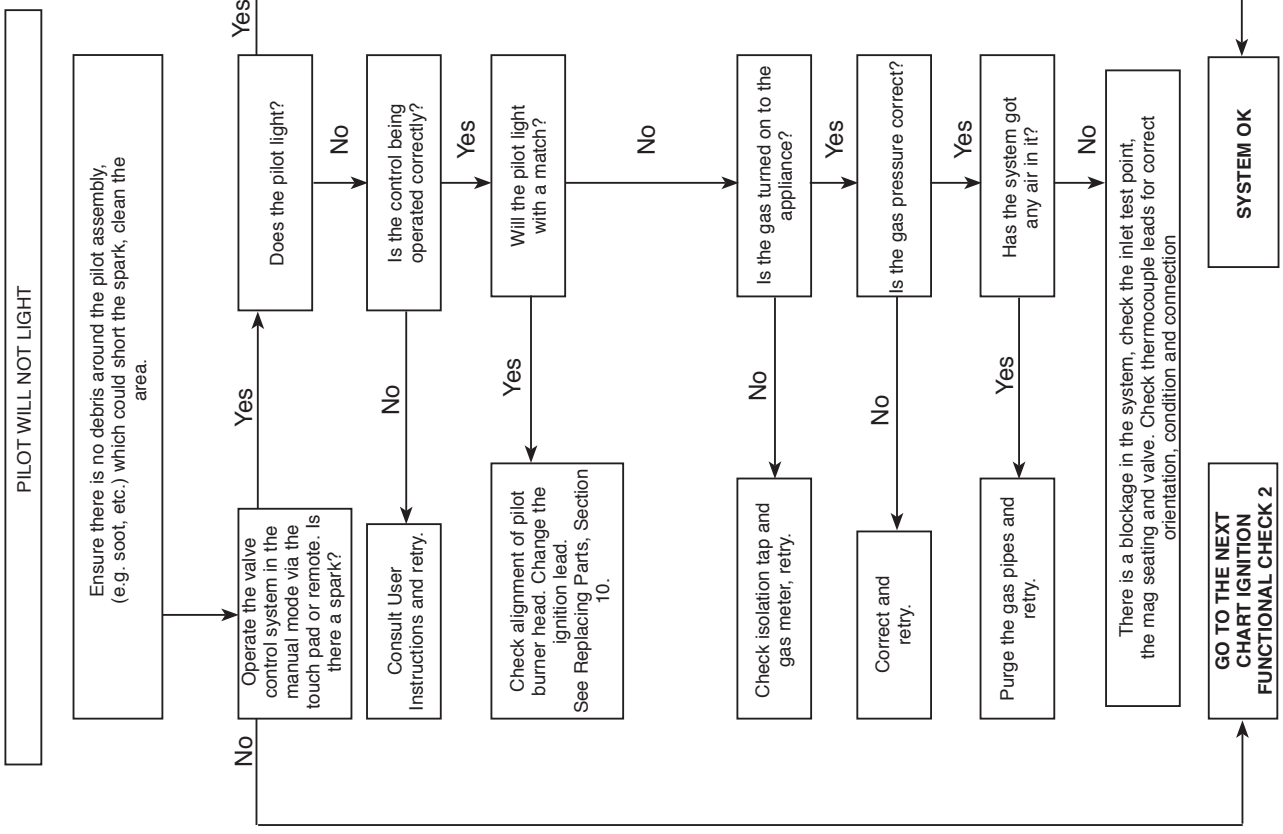
1.3 Correct any faults found during the initial test.

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

1.5 Advise the customer of any remedial work undertaken.

REPLACE BATTERIES BEFORE ATTEMPTING TO RECTIFY ANY FAULTS.

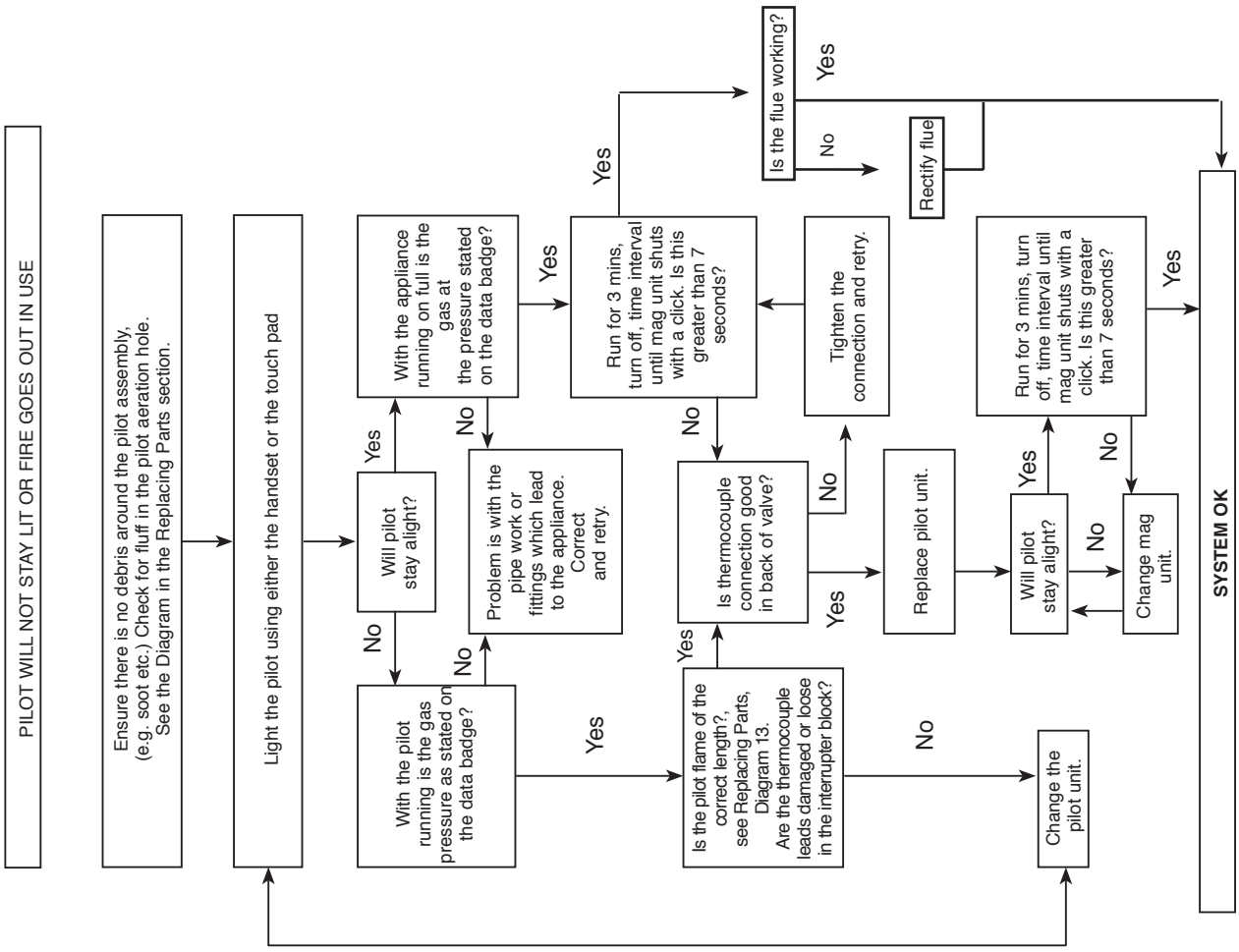
IGNITION FUNCTIONAL CHECK 1



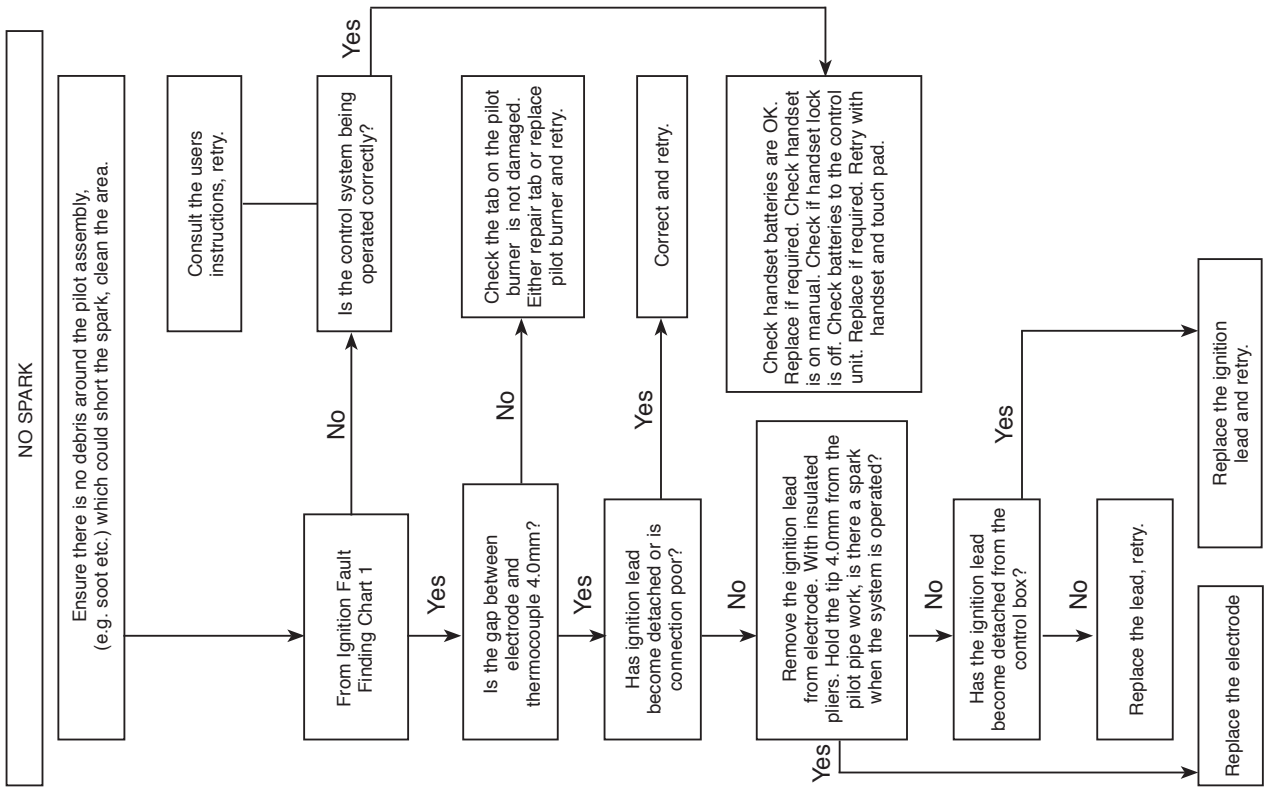
Servicing Instructions

Fault Finding Charts

FLAME FAILURE FUNCTIONAL CHECK 3



IGNITION FUNCTIONAL CHECK 2



Fault Finding Charts

ELECTRONIC CONTROL VALVE FAULT ANALYSIS

Problem	Cause	Error Message	LCD Display	Solution
Does not ignite	No batteries or flat batteries in battery box	10 beeps	BATTERY ERROR	Place new batteries in battery box
	ROM error	2 cycles of 3 beeps	ROM ERROR	Change control unit
	Support test error	2 cycles of 5 beeps	SUPPORT ERROR	Connect earth cable from control box to valve
	Bad reception of remote handset signal			Change batteries in the remote handset
				Check the reception of signal from a shorter distance
				Try pairing again
				Try changing the channel in the configuration menu
	No response to touch control buttons	If LED is continuously on, the cable is connected the wrong way round		Ensure the touch control cable is correctly connected (see installation manual)
	Cable loose or broken or connected wrong way round			Change touch control
	Supply cable to valve disconnected or broken	2 cycles of 5 beeps	SUPPORT ERROR	Reconnect or replace valve cable
	Ignition cable disconnected or broken			Connect ignition cable
Sparks but no pilot ignition	Gas valve supply off or no gas			Check gas installation. Open gas valve
	Valve cable disconnected or broken			Connect valve cable correctly
	Interrupter cable disconnected or broken			Connect correctly or replace pilot cable
Pilot ignites but does not stay on	Pilot is not warmed up			Check pilot flame and verify that it heats the pilot
	Interrupter cable badly connected			Change polarity of pilot cable
	Interrupter cable disconnected or broken			Connect pilot cable
Ignites from remote handset but not from touch pad	Touch control cable disconnected or broken			Connect or replace touch control cable
	Defective touch control buttons			Change touch control
Ignites from touch pad but not from remote	Bad communication with handset			Check batteries in handset
				Check reception of signal from a shorter distance
				Try pairing again
				Try changing the channel in the configuration menu
Switches off after 6 seconds	Short circuit in touch control	5 beeps	BUTTON ERROR	Change touch control wiring
Low batteries on remote			Low battery	Change the batteries in the remote
Appliance switches off		2 cycles of 3 beeps	CONFIG ERROR	Change control unit
		2 cycles of 3 beeps	EEPRON ERROR	Try pairing again
				Change control unit
	Loss of communication between appliance and remote for 18min	20 beeps		The remote is too far from the appliance
				Replace batteries in handset
	High temperature on control unit	1 long beep	TEMP ERROR	If this occurs more than once call the technical service
	Ambient temperature higher than configured		Over Temperature	Check the correct configuration of safety temperature

Servicing Instructions - Replacing Parts

1. General

1.1 All main components can be replaced without removing the appliance from its installation.

IT IS ESSENTIAL THAT THE GAS SUPPLY TO THE APPLIANCE IS TURNED OFF AT THE ISOLATION DEVICE BEFORE PROCEEDING FURTHER.

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

Removal of Flue

1.3 **If, for any reason, the flue has to be removed from the appliance, the seal must be replaced in the inner spigot.**

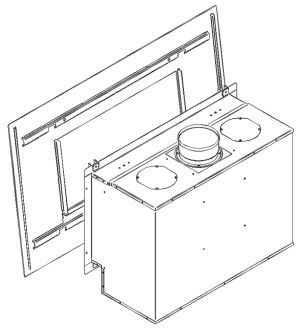
1.4 Access to the controls is restricted and the whole control assembly must be removed as one unit (see Section 8 below).

2. Decorative Frame

The same method is used to remove each frame.

2.1 Lift the frame upwards off the four support brackets, see Diagram 1.

1



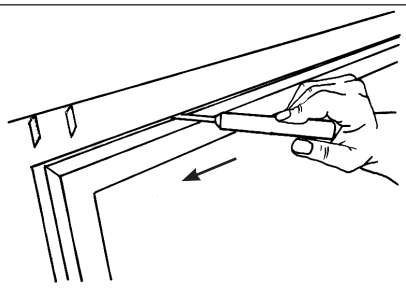
**NOTE: THE STEEL FRAME IS HEAVY.
TAKE CARE WHEN LIFTING.**

3. Window Frame Assembly

3.1 To open the glass door use the hexagon key provided.

3.2 Release the window locks by moving them from shut to open towards the outer edges, see Diagram 2.

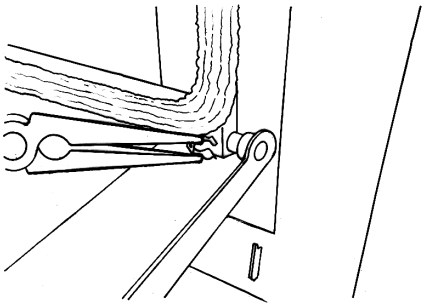
2



To completely remove the glass front:

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

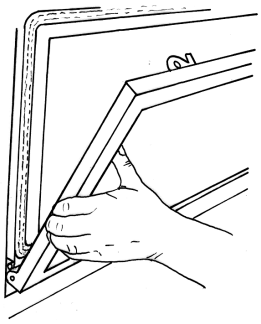
3



3.4 With the window frame in an upright position slide the frame to the left so that it comes off the left hinge pin.

3.5 Still keeping the frame upright drop the left side down and forward slightly, see Diagram 4.

4



3.6 Slide the frame to the right so it comes off the right hinge pin. The window frame should now be free.

3.7 Refit in reverse order.

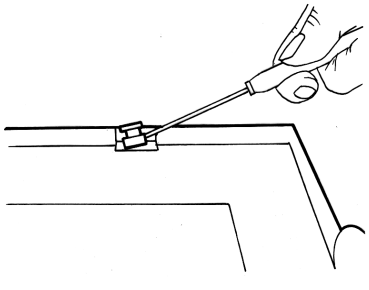
7.9 **When closing the door ensure the door catches are fully engaged**.

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

4. Glass Window

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

5



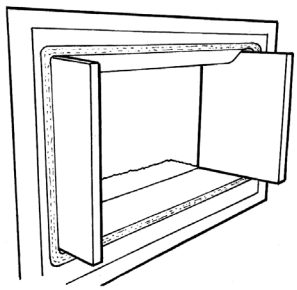
Servicing Instructions - Replacing Parts

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

5. Black Enamelled Panels

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

6



5.2 Lift the bottom panel out of the appliance.

5.3 Lift the panel from the appliance.

5.4 Lean the top of the rear panel forward and lift off the support rail.

To reassemble the panels in reverse order:

5.5 At an angle, slide the bottom of the back panel into place before the top edge is pushed back.

5.6 Replace the lower panel.

5.7 Replace the side panels.

6. Vermiculite/ Black Reeded Panels for Studio with Logs

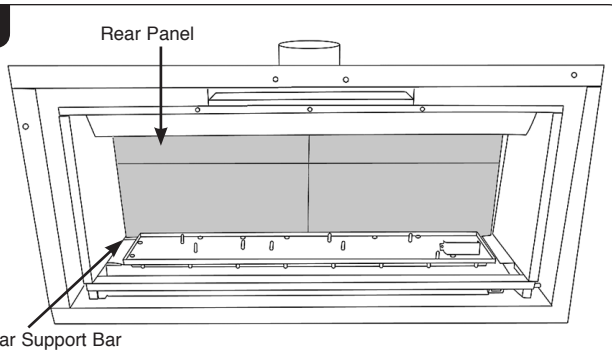
NOTE: STUDIO 1 & 2 FRONT PANELS ARE IN TWO PIECES:

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

6.1 Place the rear panel behind the locating bracket on the rear support bar.

6.2 Centralise the rear panelwith the chamfers touching and pushed together, see Diagram 7.

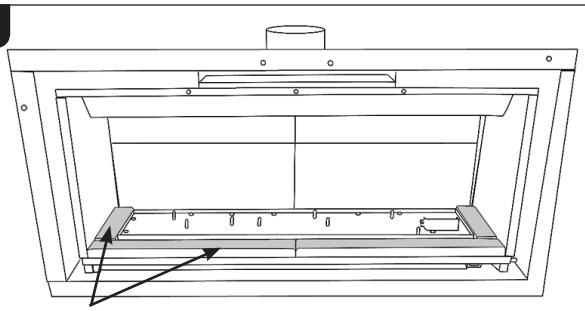
7



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

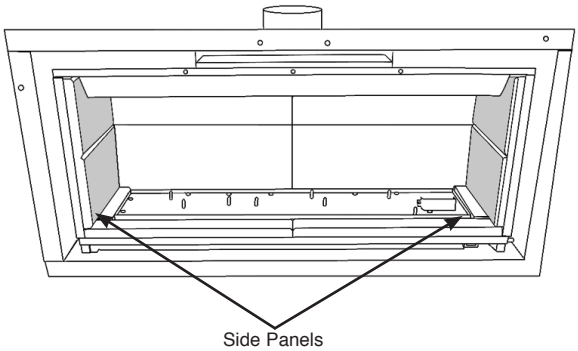
6.4 Ensure the two-piece front panels are engaged against the centre support tags on the burner and are pushed together. in the middle, see Diagram 8.

8



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

9



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

6.6 Replace the side panels.

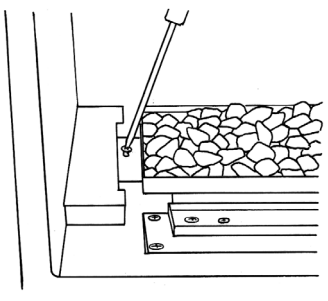
7. Main Burner

To replace the main burner:

7.1 Remove the stone Stone Chippings from the burner (optional).

7.2 Remove the burner securing screw from the left side of the burner, see Diagram 10.

10

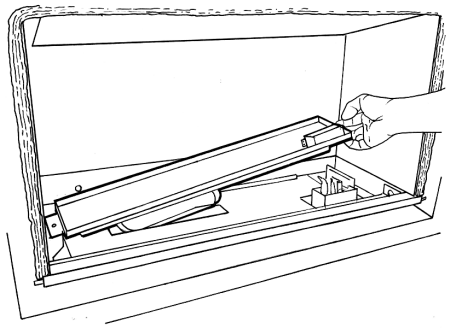


Servicing Instructions - Replacing Parts

7.3 Slide the burner fully to the left.

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

11



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

7.6 Refit in reverse order.

When refilling the Stone Chippings, fill to the rim of the burner tray and flatten until level.

Ensure no stone Stone Chippings fall into the pilot area.

8. Main Control Assembly

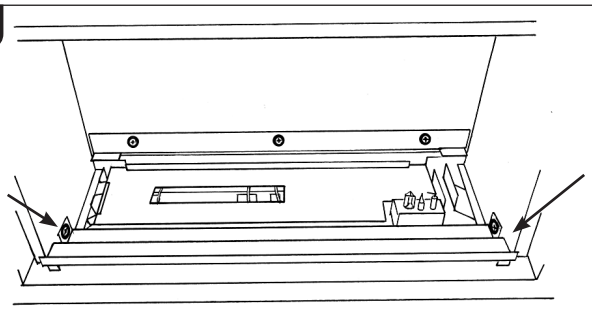
8.1 To access the main control assembly first remove:

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

8.2 To remove the splitter plater:

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

12



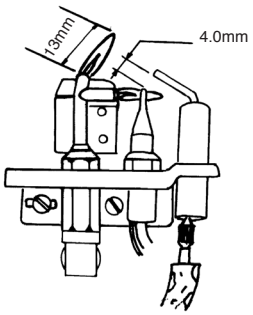
All components can be replaced without removing the control assembly.

9. Pilot Unit Assembly

9.1 Remove the screw retaining the pilot cover.

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

13



9.3 Undo the pilot pipe and thermocouple from the rear of valve.

9.4 Remove the two fixing screws and retain the vida flex sleeve which is needed for the replacement.

9.5 Replace in reverse order.

9.6 Ensure the thermocouple and ignition lead are threaded through the vida flex and secured with a cable tie. There is a cut out in the pilot shroud to hold the vida flex.

9.7 Check for gas leaks.

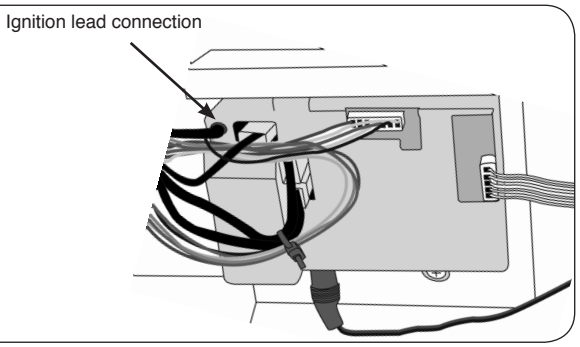
10. Ignition Lead

10.1 Cut the cable tie securing the vida flex (if present) and disconnect the ignition lead from the electrode.

10.2 Pull the lead through the vida flex.

10.3 If necessary cut any cable ties and disconnect the lead from the control box, see Diagram 14.

14



10.4 Replace in reverse order.

10.5 Ensure the lead is passed through the vida flex, secured with a cable tie and the red insulated end is attached to the electrode.

Servicing Instructions - Replacing Parts

11. Gas Valve

To change the gas valve:

11.1 Disconnect the gas inlet pipe.

11.2 Disconnect the gas outlet pipe.

11.3 Disconnect the pilot pipe.

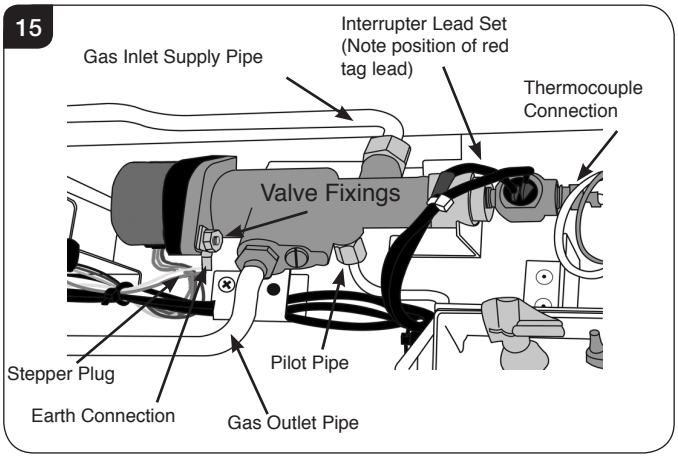
11.4 Disconnect the thermocouple, interrupter leads and the interrupter block.

Note - make a note of the location in the interrupter block of the lead with the red tag marking.

11.5 Remove the 2 x M4 nuts securing the valve to the support bracket and withdraw the valve.

11.6 Disconnect the stepper motor cable plug. Push in the latching clip on the plug to withdraw, see Diagram 15.

15



Replace in reverse order ensuring:

11.7 The earth cable ring tag is positioned between the valve body and the bracket.

11.8 The interrupter leads are connected correctly with the red tag lead nearest to the gas valve body.

12. Magnetic Safety Valve

To replace the magnetic safety valve:

12.1 Undo the thermocouple from the interrupter block and remove the two interrupter leads.

12.2 Unscrew the interrupter block from the back of the valve.

12.3 Undo the silver magnetic valve retaining nut on the back of the valve.

12.4 Gently tap out the mag valve.

12.5 Replace with a new unit.

12.6 Reassemble in reverse order ensuring that the interrupter leads are connected correctly with the red tag lead nearest to the gas valve body.

12.7 Check for leaks.

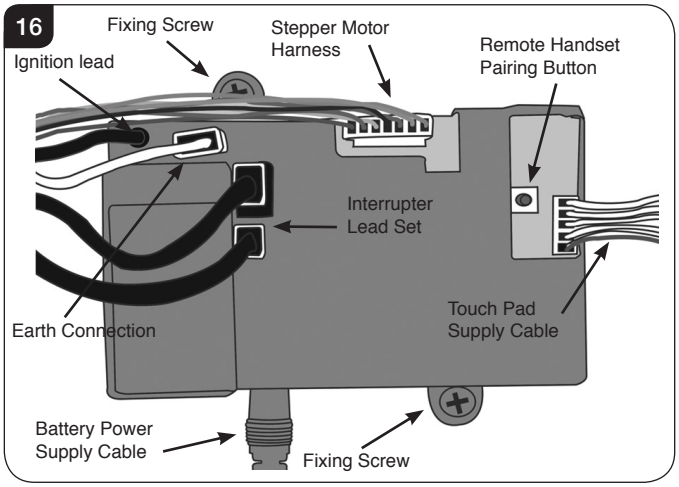
13. Control Box

13.1 Disconnect from the control box:

- Ignition lead
- Interrupter leads
- Earth connection
- 7-way stepper motor plug
- The battery power supply cable
- The touch pad control cable

See Diagram 16 for details.

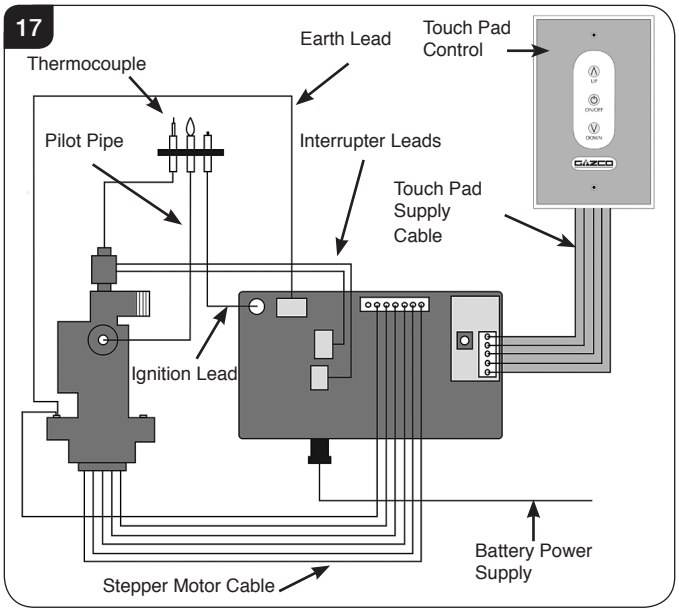
16



13.2 Undo the two screw fixings holding the PCB box (see Diagram 16). The control box can now be replaced.

13.3 After replacing the control box ensure all cables connections are refitted, see Diagram 17.

17



13.4 Prior to re-connection of the control box to the appliance, if there is no communication between the remote handset and the appliance, or if the handset is replaced, it will be necessary to pair the handset with the appliance. Please refer to Commissioning Section 2.

13.5 Ensure batteries are fitted and working in the handset.

13.6 Re-fit the touch pad control cable and the battery power supply cable to the control box.

14. Main Injector

To change the main injector:

14.1 Undo the injector feed pipe.

14.2 Undo the lock nut from the injector and remove the silencer.

14.3 Replace with the correct size injector.

14.4 Check for leaks.

15. Primary Aeration Plate

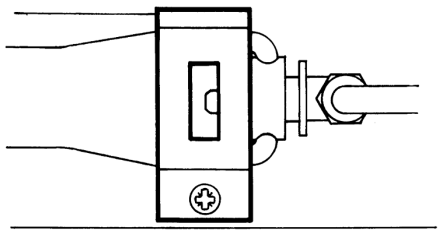
NOT ALL MODELS HAVE AERATION PLATES. REFER TO TECHNICAL SPECIFICATIONS, PAGES 14 & 15.

15.1 Remove the burner module as described in Replacing Parts Section 7.

15.2 Remove the fixing screw and slide the plate off the venturi.

15.3 Replace with the correct size plate and secure with the screw. Ensure the lower edge of the plate is located over the venturi flange, see Diagram 18.

18



16. Debris Area Access

16.1 Remove the Steel frame (if fitted).

16.2 Remove the glass door assembly.

16.3 Remove the enamelled panels.

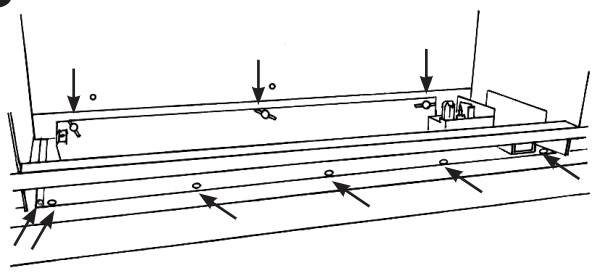
16.4 Remove the burner and splitter plate.

16.5 Isolate the gas supply.

16.6 Disconnect the isolating device from the inlet pipe on the appliance.

16.7 Remove the seven screws from the front of the loose box, see Diagram 19.

19



16.8 Remove the three screws from the rear panel.

16.9 Lift the panel to disengage the locating brackets, see Diagram 19.

16.10 Remove the three wing nuts and screws retaining the loose box, see Diagram 19.

To release the box from the main body:

16.11 Rotate the front of the box upwards and draw the box forward off the rear studs.

16.12 Ensure the gas pipe passes through the silicon seal in the base of the box.

Any debris can now be removed through the aperture.

16.13 Replace in reverse order taking care not to damage the gas pipe when replacing the box.

17. Changing Between Gas Types

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

Contact your Gazco retailer for further information.

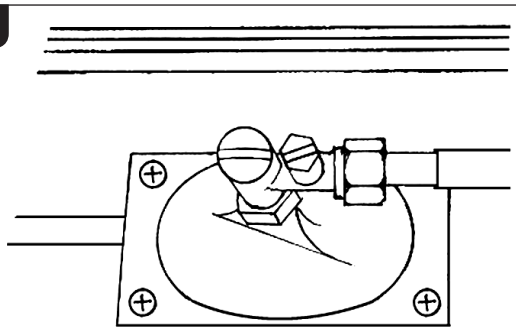
A kit of parts is available for this. Always quote the Model number and Serial number when ordering any spare parts.

18. Pressure and leak testing the appliance

18.1 Follow Section 8, Main Control Assembly.

18.2 Access to the pressure test point can now be reached, see Diagram 20.

20



18.3 Refer to Installation Instructions, Section 7.48 to check gas pressure

18.4 Light the appliance and spray any joints with leak detector fluid.

18.5 Tighten joints or replace as required.

18.6 To check the inlet working pressure, replace the control assembly and connect a manometer to the pressure test point, see Diagram 20. Replace the burner and relight the appliance. Operate the appliance at highest flame setting and check that the inlet pressure is in accordance with specifications detailed on page 15 & 16.

Servicing Instructions - Replacing Parts

19. Short Spares List

STONE CHIPPINGS VERSIONS

COMPONENT	STUDIO 1 CF		STUDIO 2 CF	
	NG	LPG	NG	LPG
PILOT	PI0036	PI0037	PI0036	PI0037
MAIN INJECTOR	IN0028	IN0040	IN0029	IN0041
BURNER ASSEMBLY	GZ6714	GZ6759	GZ6861	GZ6860
AERATION PLATE	G20 - GZ3869	G30 - N/A	G20 - GZ3868	G30 - N/A
	G25 - GZ4333	G31 - N/A	G25 - GZ3270	G31 - GZ3866
MAG UNIT	GC0109			
IGNITION LEAD	EL0508			
GAS VALVE	GC0170	GC0172	GC0170	GC0172
CONTROL BOX	EL0575			
REMOTE CONTROL	EL0574			
INTERRUPTER BLOCK	GC0026			
INTERRUPTER LEADS	EL0499			
TOUCH PAD /WALL PLATE ASSEMBLY	EL0501			
TOUCH PAD LEAD	EL0502			
BATTERY HOLDER	EL0503			
BATTERY HOLDER CABLE	EL0504			
REAR ENAMELLED PANEL	GZ6488		GZ6867	
SIDE ENAMELLED PANEL	GZ6489			
BASE ENAMELLED PANEL	GZ6490		GZ6866	
STONE CHIPPINGS	CE1085		CE1088	

Servicing Instructions - Replacing Parts

20. Short Spares List

LOG VERSIONS

COMPONENT	STUDIO 1 CF		STUDIO 2 CF	
	NG	LPG	NG	LPG
PILOT INJECTOR	PI0036	PI0037	PI0036	PI0045
MAIN INJECTOR	IN0045	IN0068	IN0029	IN0058
BURNER ASSEMBLY	GZ7007	GZ7540	GZ7545	GZ7436
AERATION PLATE	G20 - GZ3869	G31 - GZ3869	G20 - GZ2016	G31 - GZ5427
ELECTRODE	PI0075		PI0075	
MAG UNIT	GC0109		GC0109	
IGNITION LEAD	EL0508		EL0508	
GAS VALVE	GC0170	GC0172	GC0170	GC0172
CONTROL BOX	EL0575			
REMOTE CONTROL	EL0574			
INTERRUPTER BLOCK	GC0026			
INTERRUPTER LEADS	EL0499			
TOUCH PAD /WALL PLATE ASSEMBLY	EL0501			
TOUCH PAD LEAD	EL0502			
BATTERY HOLDER	EL0503			
BATTERY HOLDER CABLE	EL0504			
VERMICULITE	CE0745		CE0746	
LOG SET	CE0696		CE0729	
EMBAGLOW PACK	GZ8471			

LINERS				
	STUDIO 1 CF		STUDIO 2 CF	
	Vermiculite	Black Reeded	Vermiculite	Black Reeded
LINER BASE SIDE PIECE (2 PER APPLIANCE)	CE0673	CE1219	CE0673	CE1219
LINER BASE FRONT L/H PIECE	CE0674	CE1220	CE0687	CE1228
LINER BASE FRONT R/H PIECE	CE0708	CE1223	CE0709	CE1232
LINER BACK PANEL	CE0675	CE1221	N/A	N/A
LINER SIDE PANEL (2 PER APPLIANCE)	CE0676	CE1222	CE0676	CE1222
LINER BACK PANEL L/H SIDE	N/A	N/A	CE0688	CE1229
LINER BACK PANEL R/H SIDE	N/A	N/A	CE0728	CE1230

Service Records

1ST SERVICE

Date of Service .....

Next Service Due .....

Signed .....

Retailer's Stamp/Gas Safe Registration Number

2ND SERVICE

Date of Service .....

Next Service Due .....

Signed .....

Retailer's Stamp/Gas Safe Registration Number

3RD SERVICE

Date of Service .....

Next Service Due .....

Signed .....

Retailer's Stamp/Gas Safe Registration Number

4TH SERVICE

Date of Service .....

Next Service Due .....

Signed .....

Retailer's Stamp/Gas Safe Registration Number

5TH SERVICE

Date of Service .....

Next Service Due .....

Signed .....

Retailer's Stamp/Gas Safe Registration Number

6TH SERVICE

Date of Service .....

Next Service Due .....

Signed .....

Retailer's Stamp/Gas Safe Registration Number

7TH SERVICE

Date of Service .....

Next Service Due .....

Signed .....

Retailer's Stamp/Gas Safe Registration Number

8TH SERVICE

Date of Service .....

Next Due .....

Signed .....

Retailer's Stamp/Gas Safe Registration Number

9TH SERVICE

Date of Service .....

Next Service Due .....

Signed .....

Retailer's Stamp/Gas Safe Registration Number

10TH SERVICE

Date of Service .....

Next Service Due .....

Signed .....

Retailer's Stamp/Gas Safe Registration Number

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E-mail: technicalservices@gazco.com