GAZCO

STUDIO

Conventional Flue - Stone Chippings and Log

Instructions for Use, Installation and Servicing

For use in GB, IE (Great Britain and Eire)

IMPORTANT

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.

Parts of this appliance will become hot during operation; it is therefore recommended that a suitable guard should be used for protection of young children, the elderly or infirm.

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

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

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

PR0957 Studio (Issue 5 - September 2009)

COVERING THE FOLLOWING MODEL:
STUDIO 1 CONVENTIONAL FLUE:

Studio 1 Conventional flue:	Studio 2 Conventional flue:
8700CFCHEC	8701CFCHEC
P8700CFCHEC	P8701CFCHEC
8700CFLEC	8701CFLEC
P8700CFLEC	P8701CFLEC

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APPLIANCE COMMISSIONING CHECKLIST

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 pressure test	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		

DEALER AND INSTALLER INFORMATION

Dealer .....

.....

.....

Contact No. .....

Date of Purchase .....

Model No. .....

Serial No. .....

Gas Type .....

Installation Company .....

.....

.....

Engineer .....

Contact No. .....

Gas Safe Reg No. .....

Date of Installation .....

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

USER INSTRUCTIONS

1. GENERAL

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.

1.1 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, Diagram 5 *Installation Section*.

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

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

1.5 In the unlikely event the appliance is receiving interference from other electronic devices, the handset/Control box can be reprogrammed. Please consult your dealer if you think this may be the case.

1.6 This product is guaranteed for 2 years from the date of installation, as set out in the terms and conditions of sale between Gazco and your local Gazco dealer. Please consult with your local Gazco dealer if you have any questions. In all correspondence always quote the Model Number and Serial Number.

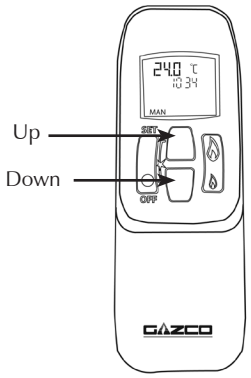
IMPORTANT : NEVER position an LCD/Plasma TV above this fire.

2. LIGHTING THE APPLIANCE

There are two ways of lighting the appliance:
- by thermostatic remote control, see 2A
- using the fire's touch pad, see 2B

2A - THERMOSTATIC and TIMER REMOTE CONTROL

1



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Turning the appliance On
Your remote can control the gas fire from pilot ignition through to shut down.
To turn the fire on:
- Press the OFF button and the UP button simultaneously.

You hear several short signals.
The pilot and main burner ignite and the remote is now in Manual Mode:
In 'MANUAL MODE' you can:
- turn on the main burner using the UP button
- regulate the flame from high to low and back
- turn off the burner leaving just the pilot burning

In 'TEMP MODE' (Automatic) you can:
- set the room temperature so the thermostat in the remote automatically maintains that temperature

In 'TIMER MODE' (Automatic) the fire:
- turns on and off according to the set time periods
- automatically regulates the room temperature during the set periods

NOTE: WHEN OPERATING THE FIRE IN TEMP OR TIMER MODE, THE PILOT REMAINS LIT AND THE FIRE THEN AUTOMATICALLY SWITCHES ON AT PROGRAMMED TIMES TO BRING THE ROOM TO THE SET TEMPERATURE WHETHER OR NOT YOU ARE IN THE ROOM.
NEVER LEAVE ANY COMBUSTIBLE MATERIALS WITHIN 1 METRE OF THE FRONT OF THE APPLIANCE.

USER INSTRUCTIONS

2.1 SWITCHING BETWEEN MODES

- Press the SET button to change to Temperature Mode
- Press again to change to Timer Mode
- Keep pressing to run through all operating modes. These are:
  - MAN
  - DAY TEMP
  - NIGHT TEMP
  - TIMER

  and back to MAN

NOTE: MAN mode can also be reached by pressing either the UP or DOWN button

2.2 MAN MODE

- Press the OFF button and the UP button simultaneously.

You hear several clicks and audible beeps as the fire begins the ignition process , (up to 30 seconds)

Turning the appliance Off

- Press the OFF button to turn the appliance off

FOR SAFETY, YOU MUST WAIT 30 SECONDS BEFORE LIGHTING THE FIRE AGAIN.

INCREASE FLAME HEIGHT

- Press the UP button once to increase flame height one stage. Press and hold the UP button to increase to maximum.

DECREASE FLAME HEIGHT

- Press the DOWN button once to decrease flame height one stage. Press and hold the DOWN button to decrease to minimum. At the lowest point the fire goes to 'Standby Mode' (Only Pilot lit).

NOTE: While pressing a button a symbol indicating transmission appears on the display. The receiver confirms transmission with a sound signal.

2.3 TEMP MODE (AUTOMATIC)

The display shows the current ***room*** temperature.
To increase or decrease the fire's output:

- Press the SET button to select either the DAY TEMP or the NIGHT TEMP mode by briefly pressing the SET button
- Hold the SET button until the TEMP display flashes and then let go
- Set the desired temperature with the UP and DOWN arrows. (Minimum temperature 5C, maximum 40C or 40F to 99F when fahrenheit is the preferred option)
- Press the OFF button to stop the display flashing or wait to return to TEMP mode.

NOTE: If you set a temperature that is beneath the current room temperature, the fire automatically switches to PILOT (Stand by).

NOTE: If you would like the <u>NIGHT</u> temperature control to turn off then decrease the temperature until [--] is displayed.

2.4 TIMER MODE (AUTOMATIC)

There are two programmable settings you can make over a 24 hour period, P1 and P2. These are normally used to provide an early morning and evening setting for each working week:

P1 + ● = Start Timed Setting 1
P1 + ☽ = End of Timed Setting 1
P2 + ● = Start Timed Setting 2
P2 + ☽ = End of Timed Setting 2

2.4.1 **P1 - Program 1 for a Timed Setting**

- Press the SET button until the TIMER mode is displayed
- Hold the SET button. The displays flashes the current time for P1. **While the time displayed is flashing you can alter the hours and minutes set**.

To set the time your fire first lights, change P1●

- Press the UP button to alter the hour
- Press the DOWN button to alter the minutes in 10 minute increments

- Press SET again to move to the end setting for P1☽ This is the time your Studio first shuts down:
  - Press the UP button to alter the hour
  - Press the DOWN button to alter the minutes

2.4.2 **P2 - Program 2 for a Timed Setting**

Use the same steps outlined in 2.4.1 to change the setting for P2.
If you have already set P1 and want to alter the setting for P2 only:

- Press the SET button until TIMER mode is displayed
- Hold the SET button **until the display flashes the current time** for P1●
- Press the SET button once again to scroll past the settings for P1● and P1☽

With the time still flashing:

- Press the UP button to alter the hour
- Press the DOWN button to alter the minutes

Once all four times are set press the OFF button.

2.4.3 To view existing settings:

- Select Timer Mode
- Press and briefly hold the SET button you see the start time for P1
- Repeat the above step for the start and end of each program.

2.5 LOW BATTERY

"BATT" is displayed on the remote when its batteries need replacement.

2.6 SETTING THE TIME

- Simultaneously press the up and down buttons
- Press the up button to set the hour and the down button to set the minutes
- Press OFF to return to the manual mode or simply wait

2.7 SETTING THE °C/24 HOUR OR °F/12 HOUR CLOCK

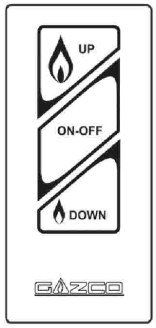
- Press OFF and the down arrow until the display changes from °C/24 hour clock to °F/12 hour clock and vice versa.

If the remote is removed, lost or damaged, signals transmitted to the receiver cease. Your fire will go to standby (pilot) mode after 6 hours.

USER INSTRUCTIONS

2B - TOUCH PAD CONTROL

2



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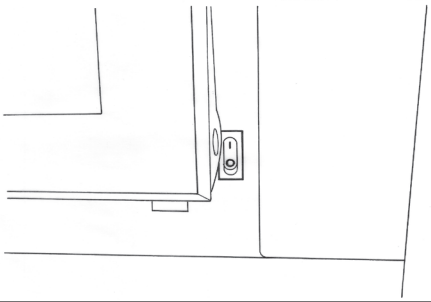
- Press the ON-OFF button to light the appliance, (up to 30 seconds)
- Press the UP button to increase the flame height
- Press the DOWN button to decrease the flame height. At the lowest point it goes to 'standby mode', (only pilot lit)
- Press the ON-OFF button to turn the appliance off

2C - EMERGENCY SHUT OFF

If the batteries fail during use of the fire, move the switch to the OFF (O) position, Diagram 3
(This switch is set to be ON during normal operation and must remain ON)

3



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3. CLEANING THE STUDIO

3.1 Make sure the fire and surrounds are cool before cleaning. Use:

- A dry cloth or stainless steel product to clean the polished plate
- A damp cloth for the painted firebox
- A damp cloth to clean the enamelled inner panels
- Use soap and water to clean the glass

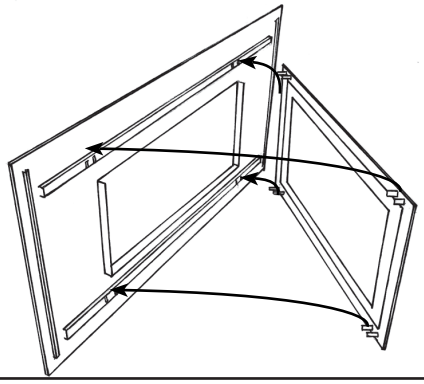
3.2 **Opening the Glass Window**

3.2.1 Steel Frame

[If fitted with a Steel Frame, this needs to be removed first:

- Lift the frame upwards off its four support brackets, Diagram 4

4



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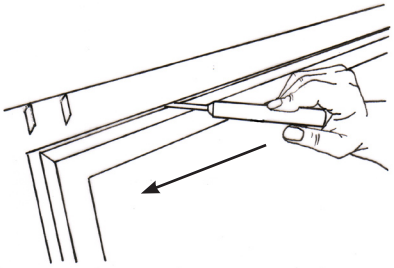
3.3 **All models**
Using the allen key provided:

- Release the two window locks at the top of the glass door, Diagram 5. The locks move from shut to open towards the outer edges of the glass door, Diagram 5

5



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- Support the frame and let it fall gently forward
- Open it down to its stop position

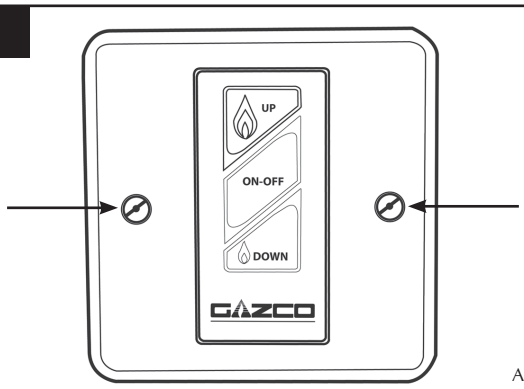
When closing the window ensure the window catches are fully engaged.

4. CHANGING THE APPLIANCE BATTERIES

The appliance batteries are located behind the wall switch plate.

- Undo the two screws securing the wall switch and plate and remove, Diagram 6

6



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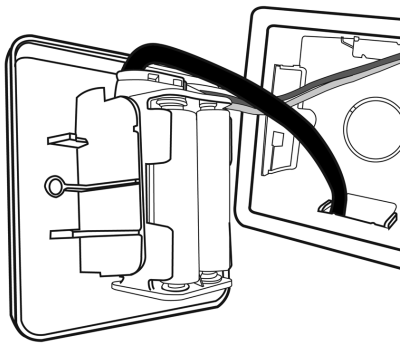
USER INSTRUCTIONS

• Unclip the battery holder from the wall switch plate and remove the old batteries
• Correctly position the four new AA size batteries into the battery holder
• Re-assemble the battery holder as shown in Diagram 7

7



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

5. ARRANGEMENT OF FUEL BED

5.1 **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.

5.1 **Stone Chippings:** If you need to replace stone chippings and refill the tray, make sure the stone chippings are flattened so they are level with the rim of the tray.

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

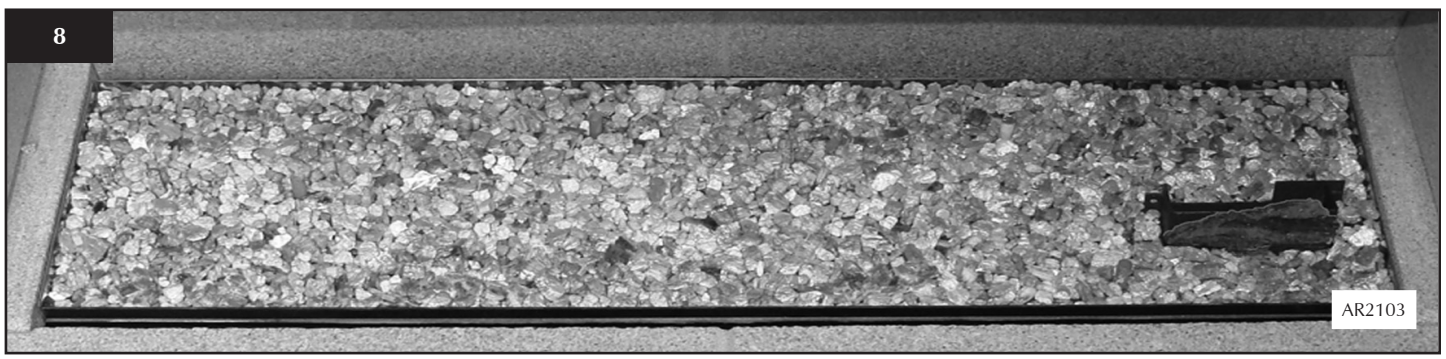
TAKE CARE NOT TO SPILL STONE CHIPPINGS OR VERMICULITE INTO THE PILOT AREA. ONLY STONE CHIPPINGS OR VERMICULITE SUPPLIED BY GAZCO CAN BE USED IN THIS FIRE.

6. LOG LAYOUT

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

6.1 • Use all the vermiculite to fill the burner tray and spread evenly across the whole burner
• Rest the ceramic bark against the front face of the pilot shield, Diagram 8

8

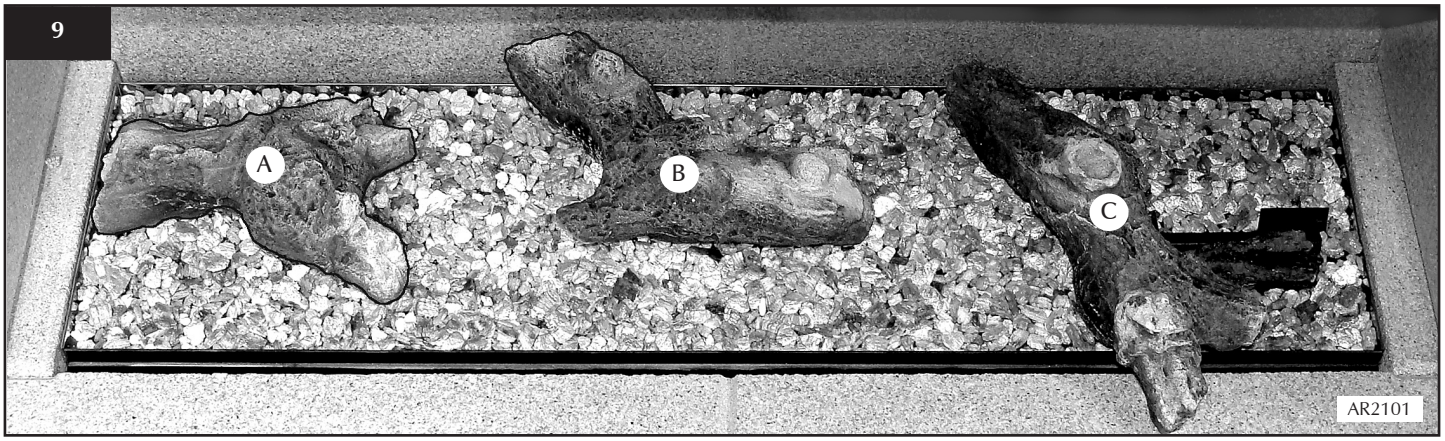


All logs can be identified by a letter (A - H) on their underside. The first three logs, A, B and C, also have holes to locate each onto a burner stud.

USER INSTRUCTIONS

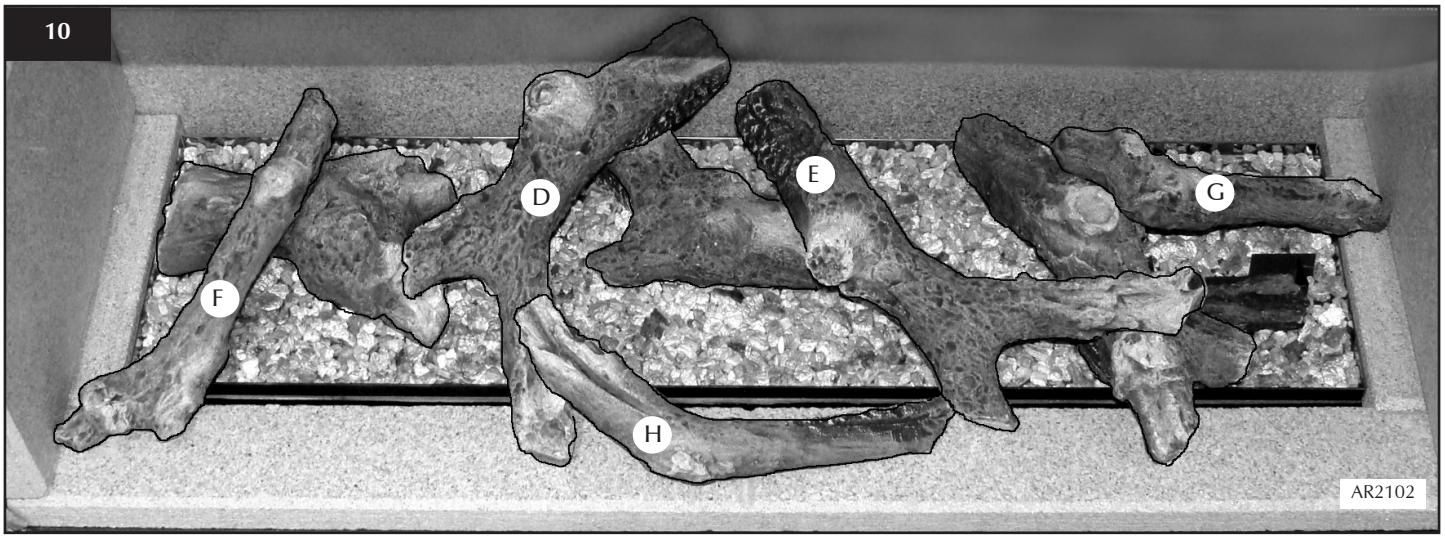
6.2 Working from left to right:

- Place logs A, B and C onto their studs as illustrated in Diagram 9



6.3 Diagram 10 shows the layout of logs D to H:

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



- Log F fits centrally onto Log A with its front edge resting on the front panel
- 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
- The small branch underneath Log H rests on the front panel and overlaps Log D just touching Log E

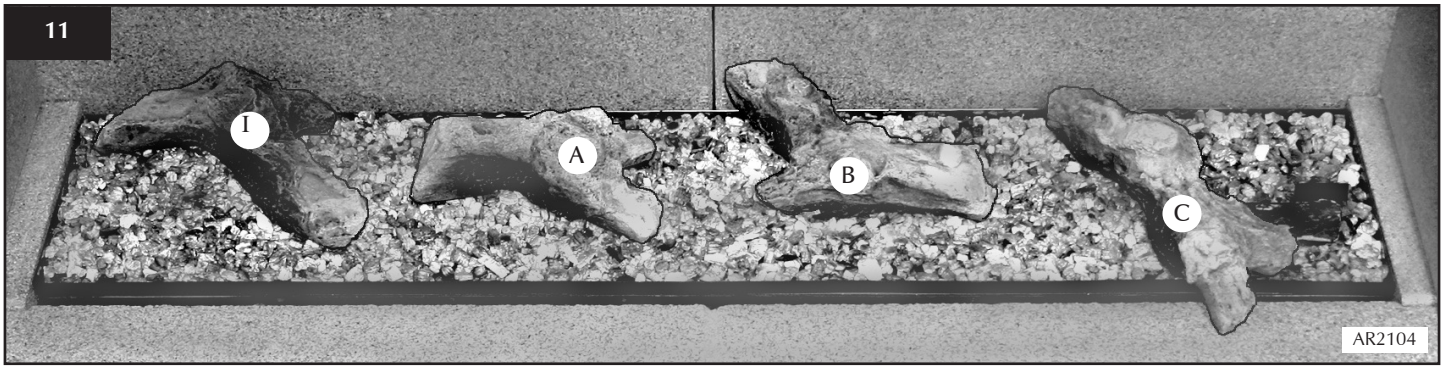
LAYOUT FOR STUDIO 2

6.4 Preparation with vermiculite and the ceramic bark pilot shield is the same as for Studio 1, see paragraph 6.1 above.
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.

- Place logs I, A, B and C onto their studs as illustrated in Diagram 11

USER INSTRUCTIONS

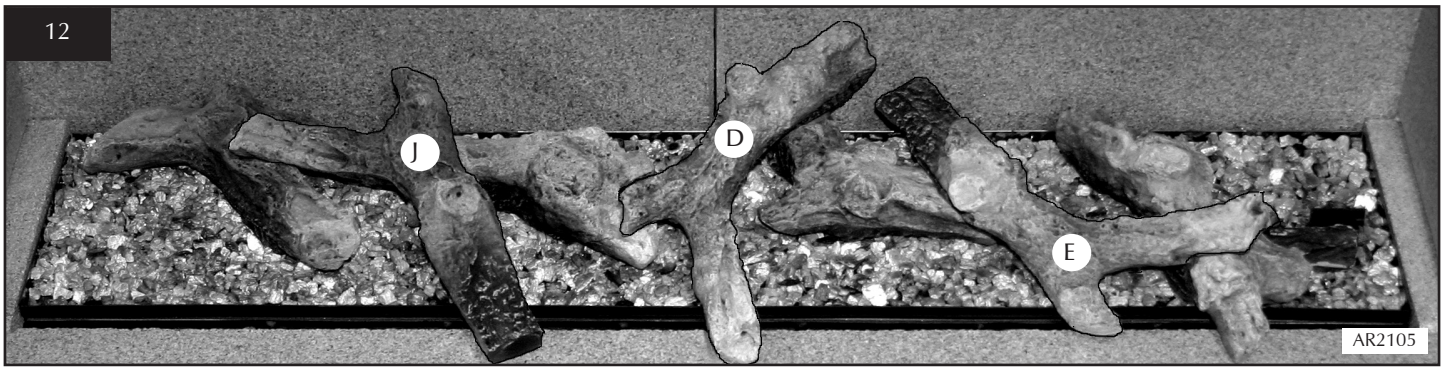
11



6.5 Diagram 12 shows the layout of logs D, E and J:

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

12



- 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 12 above.

6.6 Diagram 13 shows the layout of the last four logs, F, G and two of log H:

- Log F fits centrally onto Log I with its front edge resting on the front panel.
- 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
- the first Log H rests on the front panel, overlapping Log D and touching Log E
- the second Log H rests anywhere on the front panel between F and J. **DO NOT LET THIS LOG OVERLAP THE BURNER**.

13

USER INSTRUCTIONS

7. FLAME FAILURE DEVICE

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

8. RUNNING IN

8.1 The surface coating on the metal used in your GAZCO fire will "burn off" during the first few hours of use producing a harmless and temporary odour. This will disappear after a short period of use. If the odour persists, ask your installer for advice.

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

9. SERVICING

9.1 The fire must be serviced every 12 months by a qualified Gas Engineer. In all correspondence always quote the Model number and the Serial number which may be found on the data badge.

10. VENTILATION

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

11. INSTALLATION DETAILS

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

12. HOT SURFACES

12.1 Parts of this appliance become hot during normal use.
- Regard all parts of the appliance as a 'working surface'
- Provide a suitable fire guard to protect young children and the infirm

13. FIRE WILL NOT LIGHT

13.1 If you cannot light the Studio:
- Check that the emergency shut off switch is in the ON (1) position, see *Section 2C, Emergency Shut Off*
- Check and change the batteries in the remote handset
- Check and change the appliance batteries, Section 4.

Consult your Gazco dealer if the Studio still does not light.

INSTALLATION INSTRUCTIONS
TECHNICAL SPECIFICATION

COVERING THE FOLLOWING MODELS:

STUDIO 1 CF:	STUDIO 2 CF:
8700CFCHEC	8701CFCHEC
P8700CFCHEC	P8701CFCHEC

STONE CHIPPINGS VERSION

Model	Gas CAT.	Gas Type	Working Pressure	Aeration	Injector	Gas Rate m^3/h	Input kW (Gross)		Country
							High	Low	
Studio 1 CF	12H	Natural G20	20mbar	6 x 10	390	0.657	6.9	4.0	GB, IE
Studio 1 CF	13+	Propane G31	37mbar	Open both sides	185	0.257	6.9	4.0	GB, IE
		Butane G30	29mbar			0.197			

Model	Gas CAT.	Gas Type	Working Pressure	Aeration	Injector	Gas Rate m^3/h	Input kW (Gross)		Country
							High	Low	
Studio 2 CF	12H	Natural G20	20mbar	9 x 15 offset	530	0.791	8.3	4.2	GB, IE
Studio 2 CF	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%**	**NO_X Class 4**
Studio 2					**Efficiency Class 2 - 78%**	**NO_X Class 4**
Weight	Fire Only	Profil	Bauhaus	Steel	Flue Size	
					TOP EXIT	**REAR EXIT**
Studio 1	52 Kg	3.6 Kg	3.6Kg	18.5Kg	127mm ø	178mm ø minimum
Studio 2	60Kg	4.6Kg	4.6Kg	21.8Kg	Gas Inlet Connection Size = 8mm ø	
					Minimum Flue Specification = T260/N2/0/D/1	
					Minimum Flue Temp = $220^{O}C$	

INSTALLATION INSTRUCTIONS
TECHNICAL SPECIFICATION

COVERING THE FOLLOWING MODELS:

STUDIO 1 CF:	STUDIO 2 CF:
8700CFLEC	8701CFLEC
P8700CFLEC	P8701CFLEC

LOG VERSION

Model	Gas CAT.	Gas Type	Working Pressure	Aeration	Injector	Gas Rate m^3/h	Input kW (Gross)		Country
							High	Low	
Studio 1 CF	12H	Natural G20	20mbar	6 x 10	375	0.638	6.7	4.0	GB, IE
Studio 1 CF	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			

Model	Gas CAT.	Gas Type	Working Pressure	Aeration	Injector	Gas Rate m^3/h	Input kW (Gross)		Country
							High	Low	
Studio 2 CF	12H	Natural G20	20mbar	6 x 15	530	0.790	8.5	4.4	GB, IE
Studio 2 CF	13+	Propane G31	37mbar	6 x 8 16 x 23	150	0.331	8.8	4.4	GB, IE
		Butane G30	29mbar	5 x 16 16 x 23 (2)		0.253			

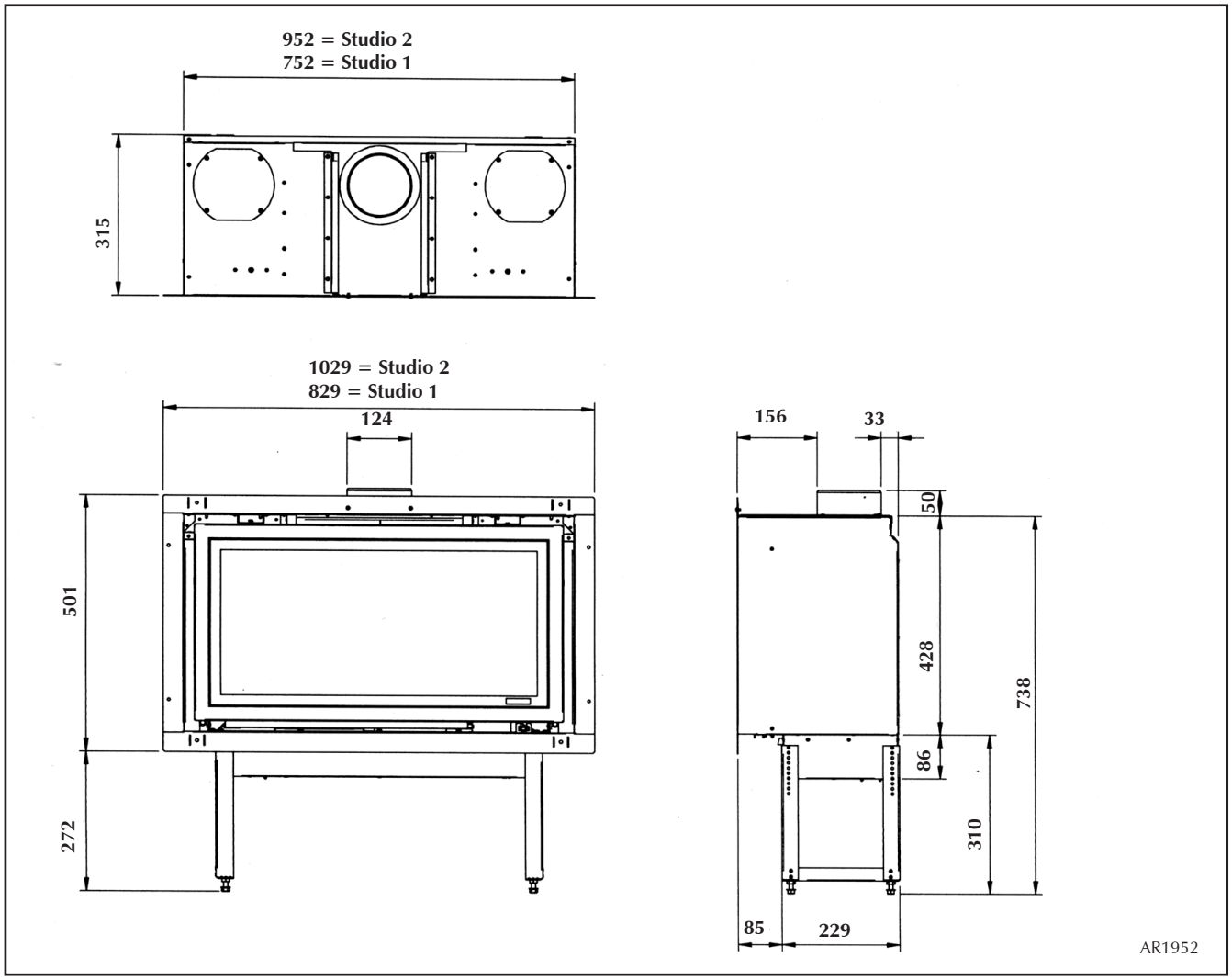
Studio 1					**Efficiency Class 2 - 70%**	**NO_X Class 4**
Studio 2					**Efficiency Class 2 - 78%**	**NO_X Class 4**
Weight	Fire Only	Profil	Bauhaus	Steel	Flue Size	
					TOP EXIT	**REAR EXIT**
Studio 1	52 kg	3.6 kg	3.6 kg	18.5 kg	127mm ø	178mm ø minimum
Studio 2	60 kg	4.6 kg	4.6 kg	21.8 kg	Gas Inlet Connection Size = 8mm ø	
					Minimum Flue Specification = T260/N2/0/D/1	
					Maximum Flue Temp = 220^{O}C	

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:-
For Stone Chippings Layout 1 White Stone Chippings **For Log Layout** 1 Log Set 1 Vermiculite	1 x Instruction Manual 4 x Wood Screws 4 x Rawl Plugs 1 x Handset 4 x AA cell batteries 1 x 9V cell batteries 1 x wall box 1 x touch pad/wall plate 1 x battery holder 1 x Foam Seal



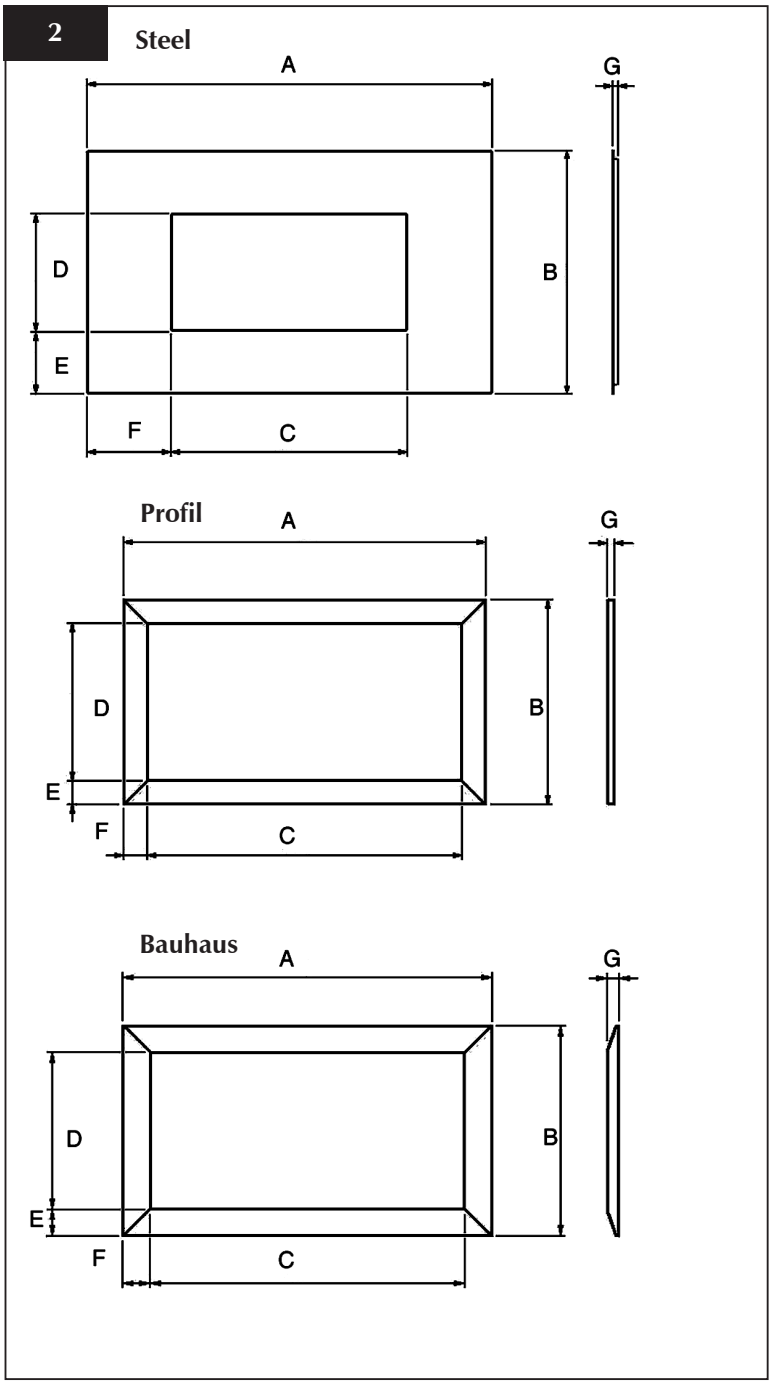
INSTALLATION INSTRUCTIONS
TECHNICAL SPECIFICATION

STEEL FRAME DIMENSIONS		
Dimension	Studio 1	Studio 2
A	1120	1350
B	675	675
C	646	846
D	320	320
E	177	177
F	237	237
G	25	25

PROFIL FRAME DIMENSIONS		
Dimension	Studio 1	Studio 2
A	846	1046
B	520	520
C	750	950
D	424	424
E	48	48
F	48	48
G	12.5	12.5

BAUHAUS FRAME DIMENSIONS		
Dimension	Studio 1	Studio 2
A	860	1060
B	534	534
C	750	950
D	424	424
E	55	55
F	55	55
G	28	28

2



INSTALLATION INSTRUCTIONS
SITE REQUIREMENTS

1. FLUE AND 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:
- A flexible liner must be continuous from the appliance spigot to the roof terminal
- The minimum effective height of the flue must be 3 metres (10ft)
- The flue must be free from any obstruction
- Any damper plates must be removed or secured in the fully open position and no restrictor plates fitted
- 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 fire.

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 fire.
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 5.85cm^2.

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

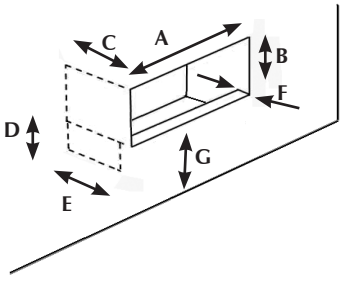
5. APPLIANCE LOCATION

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.

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

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

1a



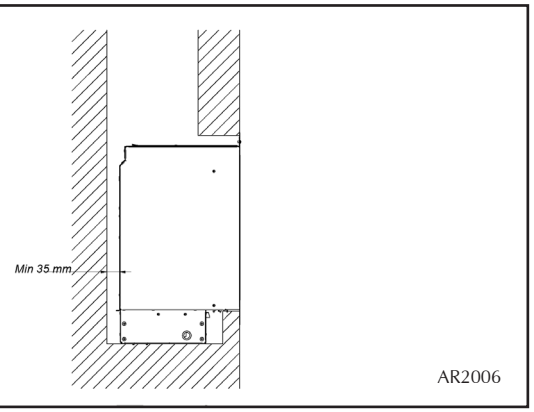
	Studio 1	Studio 2
A	760mm	960mm
B	440mm	440mm
C	350mm	350mm
D	85mm	85mm
E	305mm	305mm
F	45mm max	45mm max
G	175mm min	175mm min

AR1906

INSTALLATION INSTRUCTIONS
SITE REQUIREMENTS

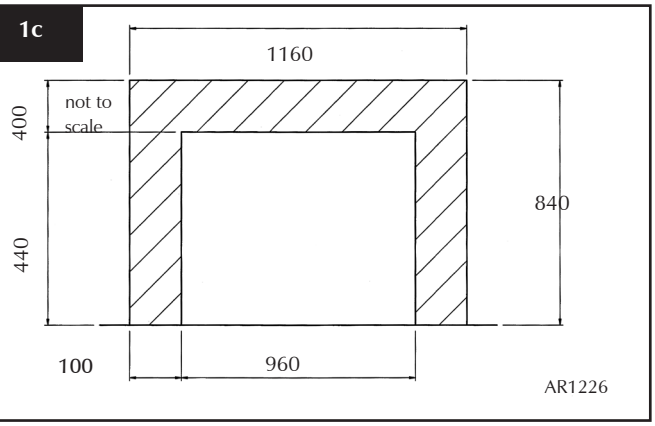
5.2 When the appliance is installed in a masonry chimney without a liner, there must be a minimum debris collection area, Diagram 1b

1b



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

1c



5.4 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.

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

INSTALLATION INSTRUCTIONS
INSTALLATION

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 APPLIED IN THE COUNTRY OF USE.
FOR DETAILS OF CHANGING BETWEEN GAS TYPES REFER TO SECTION 10, ***SERVICING***, 'REPLACING PARTS'.

1. SAFETY PRECAUTIONS

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

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.

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.

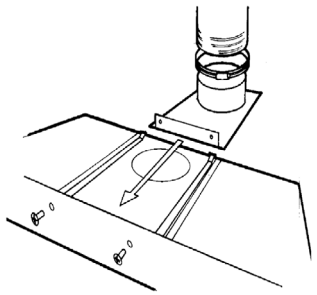
2.1 This appliance can be installed in four different ways:

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. 8727 CFFK01 for Studio 1 and 8727 CFFK02 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, Diagram 1.

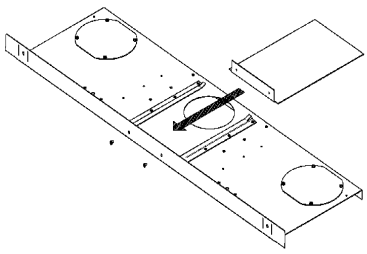
1



AR1010

2.3 When installing the appliance into a masonry chimney without a liner, it must be converted to a rear exit:
- Remove the two fixing screws securing the spigot assembly
- Slide the blanking plate into the guides
- Replace the two fixing screws, Diagram 2

2



AR2007

The flue must be in good condition and clear products of combustion, see *Commissioning*)
Option 3) and 4) (Studwork with or without a frame) must be fitted using the top exit only with rigid twin wall flue pipe.

2.4 **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.**

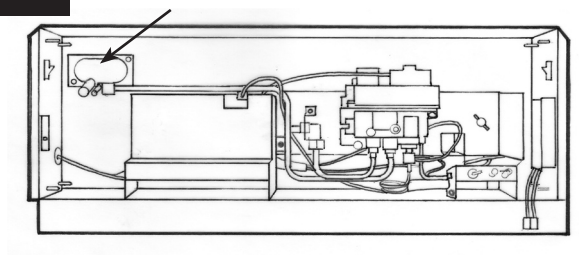
2.5 Remove the appliance from the carton and discard all unnecessary packaging. Ensure no components are thrown away when unpacking.

2.6 To access the controls and gas inlet:
- Remove the glass door, liners, burner and splitter plate, refer to *Services*, *Replacing Parts, Section 3, 5 or 6, 7 and para 8.2*

2.7 The gas supply enters the fire through a silicon panel on the floor under the access panel, Diagram 3:
- Slit with a sharp knife before bringing through the supply pipe, Diagram 1

INSTALLATION INSTRUCTIONS
INSTALLATION

3



AR1963

3. STUD WORK 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

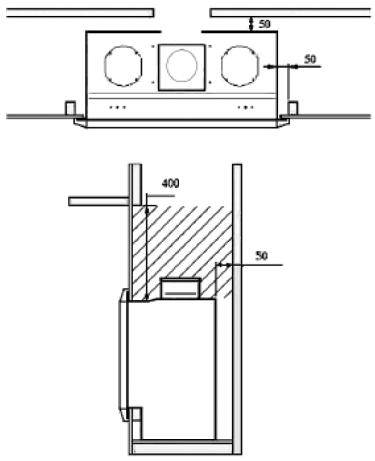
2) FOR AN INSTALLATION WHERE THE STUDIO SITS FLUSH TO THE FINISHED 'EDGE' OF THE WALL, SEE SECTION 5

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, DIAGRAM 4.

4



AR2077

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

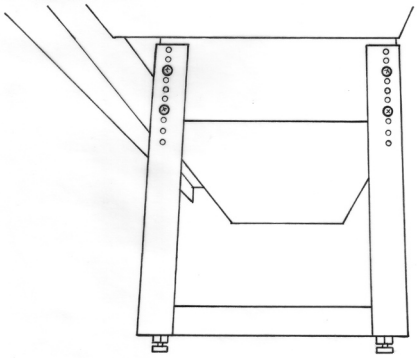
3.3 THE VOID BUILT FOR THE CASSETTE MUST BE VENTILATED TO PREVENT A BUILD-UP OF HEAT. IF THE VOID IS SEALED, THEN YOU MUST FIT VENTS AT BOTH LOW AND HIGH LEVELS OF APPROXIMATELY 50CM² EACH. THESE VENTS MUST TAKE COLD AIR FROM THE ROOM AND RETURN WARM AIR BACK INTO THE ROOM

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, Diagram 5

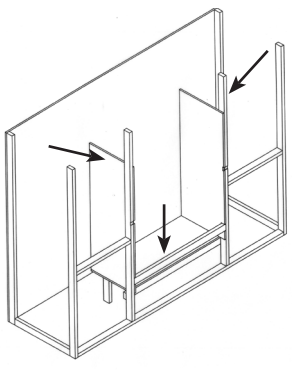
5



AR1964

- Build the studwork chimney breast and enclosures to the desired size to include the protected platform at the required height.
- Line the aperture for the appliance with 12mm thick non-combustible material as shown, Diagram 6

6



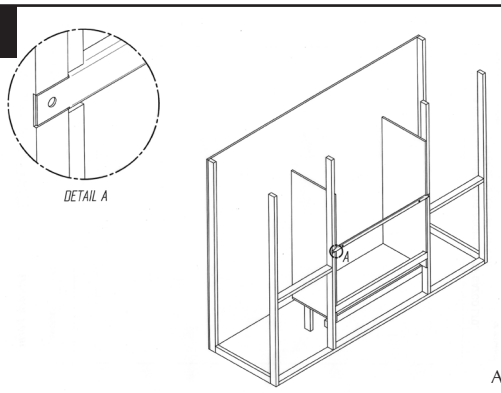
AR1902

INSTALLATION INSTRUCTIONS
INSTALLATION

- Ensure the clearances are maintained, see Diagram 4
- Site the appliance and decide on flue requirements
- Cut a hole for the flue exit
- Provide gas and electric services into the cassette void on the left-hand side

Because no combustible material can be used above the fire, we provide a support bar:
- **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, Diagram 7**

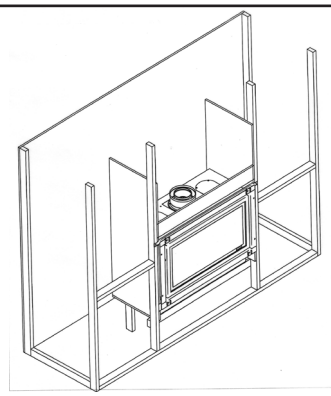
7



AR1903

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

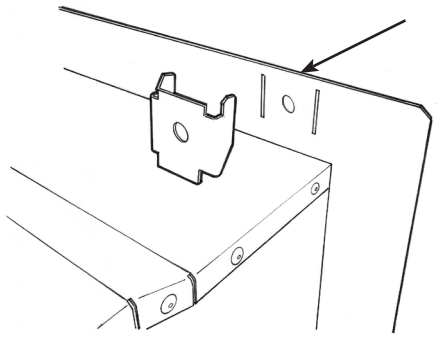
8



AR1904

- Attach the 4 frame fixing brackets to the fire, Diagram 9
- Fix foam seal to the outer flange of the fire

9



AR1913

- Position the fire
- Fit non-combustible board to the studwork around the fire. 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).
- Apply plasterboard to the remainder of the studwork
- Secure the fire back to the studwork using four screws through flange, bracket, support bar
- Apply a plaster finish to the front of the chimney breast

Slips

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

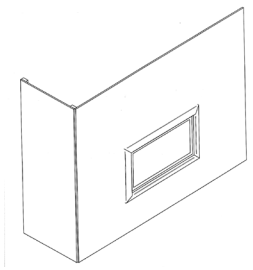
Never use a one-piece slip as expansion (even cracking) can occur.

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

To finish this installation:
- Connect the wall box and batteries following instruction in Section 8
- Connect:
- the flue system
- the gas services using the opening in the side of the chimney breast for access.

After commissioning:
- Finish the sides of the chimney breast, Diagram 10

10



AR1905

INSTALLATION INSTRUCTIONS
INSTALLATION

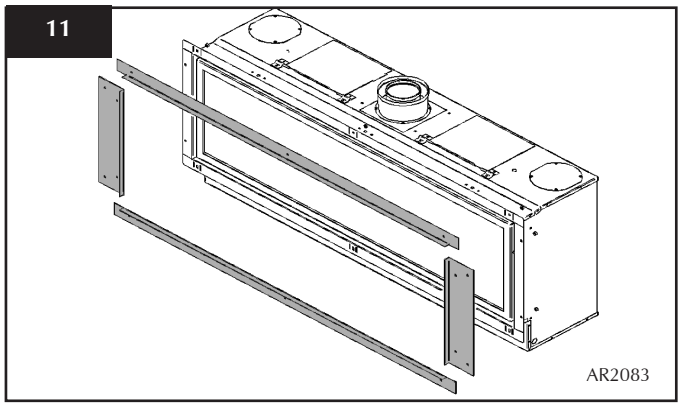
5. STUDWORK FOR STUDIO EDGE INSTALLATION KIT

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

Using the installation kit:

- Fit the four metal brackets of the kit to the fire, Diagram 11

11

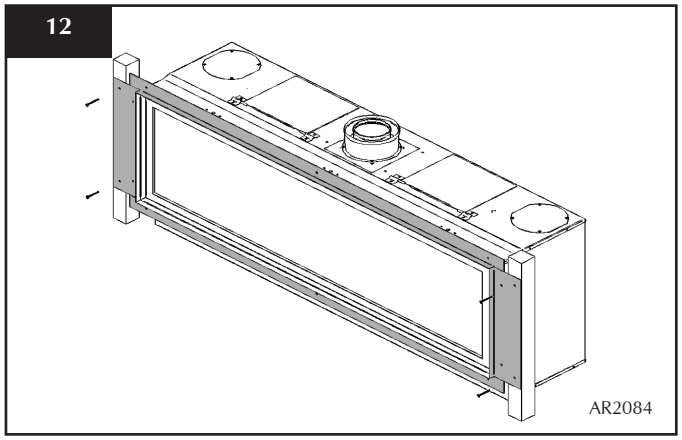


AR2083

- Put vertical studwork at minimum clearance to the side of the fire (50mm)
- Secure to the vertical studwork through the holes in the metal brackets fitted to the fire

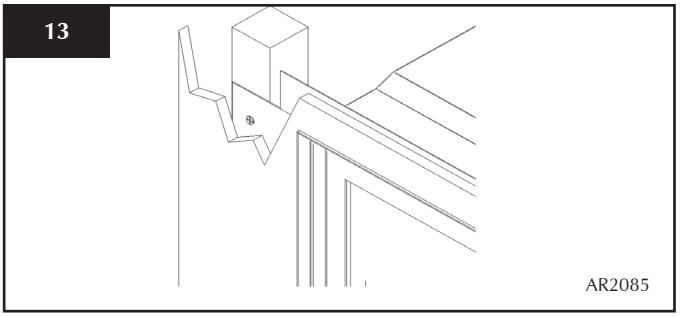
The kit has been designed so that non-combustible board can be taken right up to the edge of the four brackets, Diagrams 12 & 13

12



AR2084

13

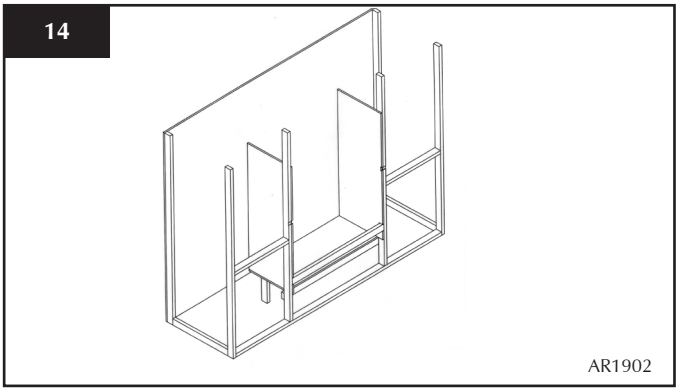


AR2085

Build the studwork chimney breast to the desired size:

- Ensure all clearances to combustible material are maintained, 3.1 above
- Decide on flue requirements
- Cut a hole for the flue exit

14

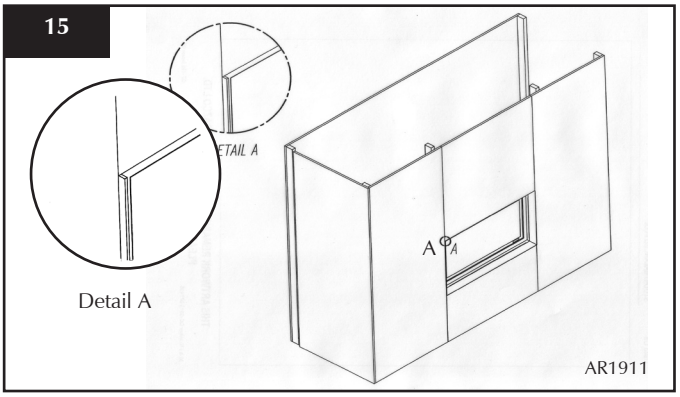


AR1902

- Fit non-combustible board to the studwork above the fire. This should extend a minimum of 400m above the appliance.
- Fit plasterboard to the remaining chimney breast front
- 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, Diagram 15

15



Detail A

AR1911

- Apply a plaster finish to the chimney breast using heat resistant plaster in the area directly above the fire

INSTALLATION INSTRUCTIONS
INSTALLATION

6. STUDWORK FOR COOL WALL INSTALLATION KIT

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

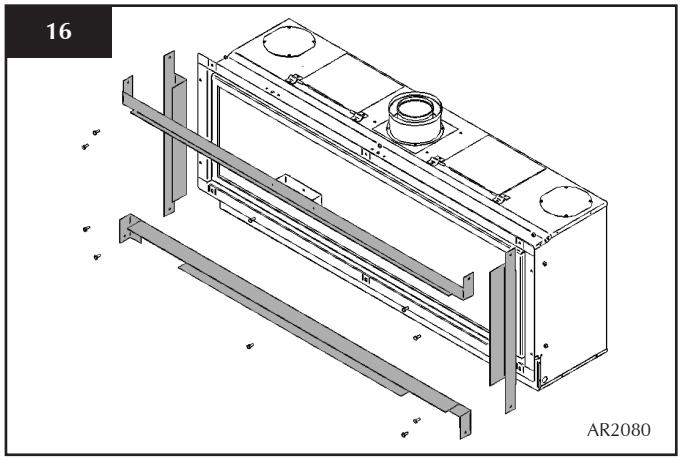
The cool wall installation kit is provided unfinished. This allows the kit to be finished to match the front face decor.

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

6.1 Using the fixing kit:

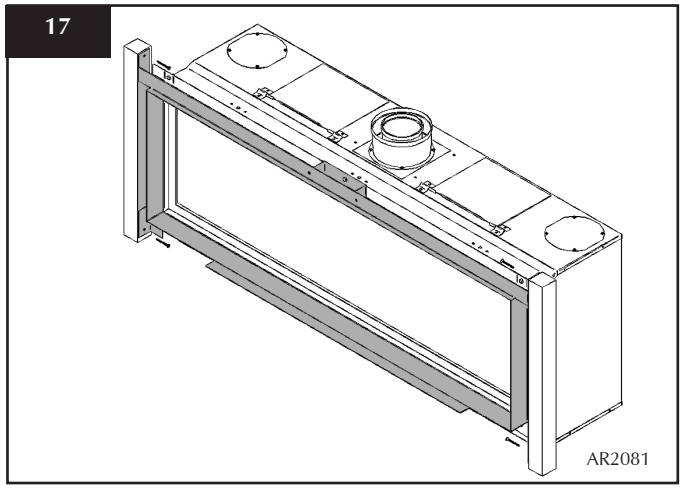
- Fit the four metal brackets of the kit to the fire, Diagram 16. There is a deliberate gap at the top for convected heat.

16

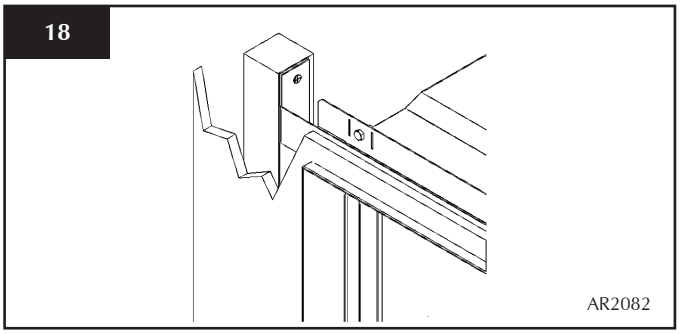


This now determines the width of your two vertical studwork supports. The kit has been designed so that non-combustible board can be taken right up to the edge of the four brackets, Diagrams 17 & 18.

17

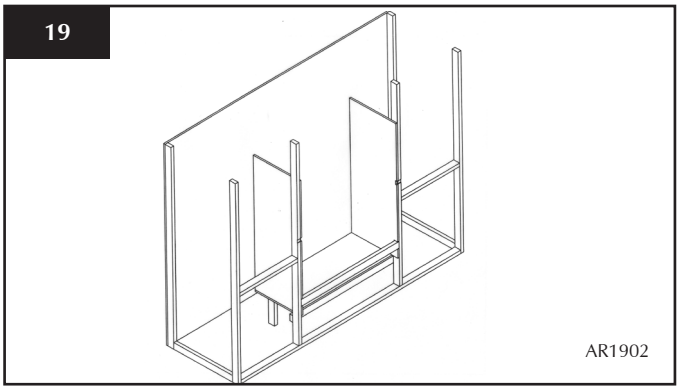


18



6.3
- Fix the left and right metal brackets into the studwork Build the studwork chimney breast to the desired size:
- Ensure all clearances to combustible material are maintained, *Section 3, 3.1* above
- Decide on flue requirements
- Cut a hole for the flue exit

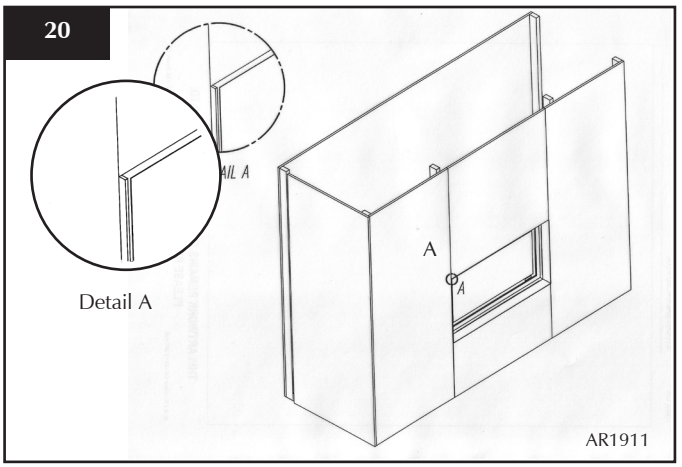
19



6.4
- Fit non-combustible board to the studwork above the fire. This should extend a minimum of 400m above the appliance.
- Fit plasterboard to the remaining chimney breast front

6.5
- 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, Diagram 20

20



INSTALLATION INSTRUCTIONS
INSTALLATION

6.6 The top of the chimney breast must have a minimum 200cm² vent.

- Apply a plaster finish to the chimney breast

7. MASONRY CHIMNEY INSTALLATION

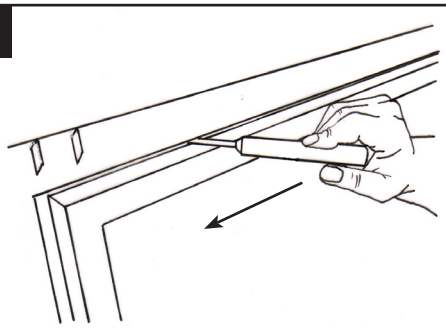
NOTE: Do not use the legs (of the appliance) in this installation

7.1 • Remove the glass door

Using the allen key provided:
• Release the two window locks

The locks need to be moved from shut to open towards the outer edge of the door, Diagram 21.

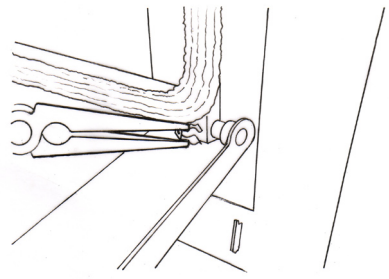
21



AR1860

7.2 With the door lowered:
• Remove the spring clip from the right-hand hinge pin, Diagram 22

22

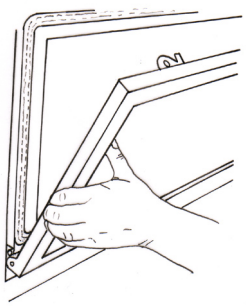


AR1862

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

• 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, Diagram 23

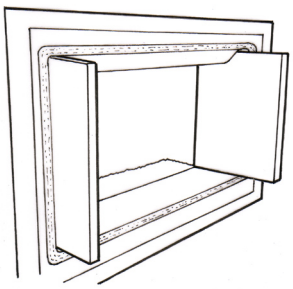
23



AR1863

7.3 • Remove all the enamelled panels, see *Section 5* of ***Replacing Parts,*** Diagram 24
or
• Remove all vermiculite panels, see *Section 6* of ***Replacing Parts***

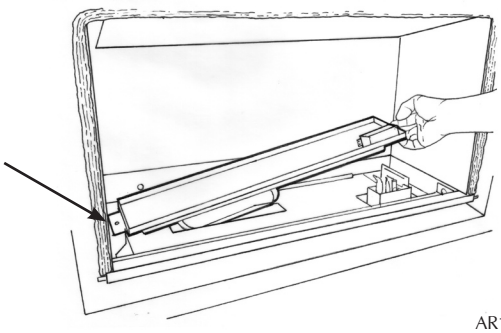
24



AR1865

7.4 • Remove the screw retaining the burner
• Move the burner to the left to disengage the burner flange from the slot and injector
• Raise the right side and remove the burner, Diagram 25

25



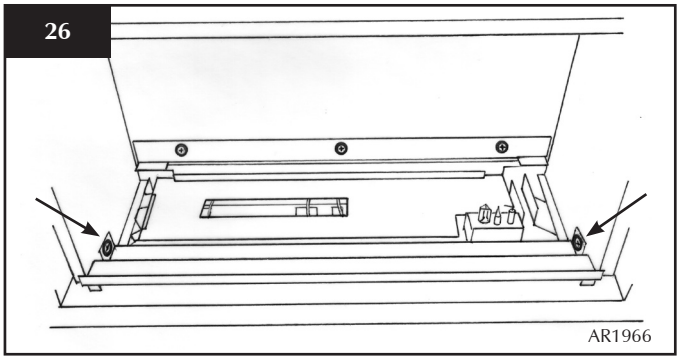
AR1965

7.5 • Loosen the two screws retaining the plate beneath the burner

The front of the plate can now be lifted off the screws:
• Pull it forward and remove, Diagram 26

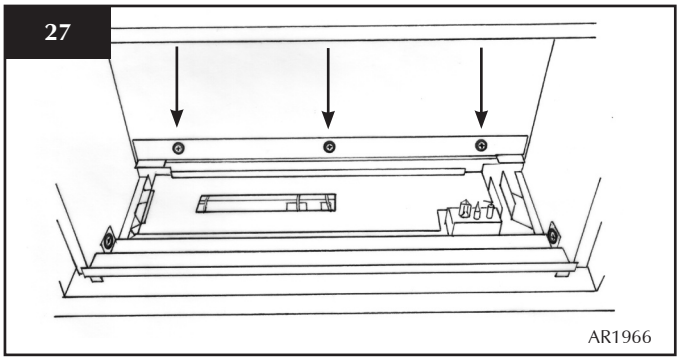
INSTALLATION INSTRUCTIONS
INSTALLATION

26



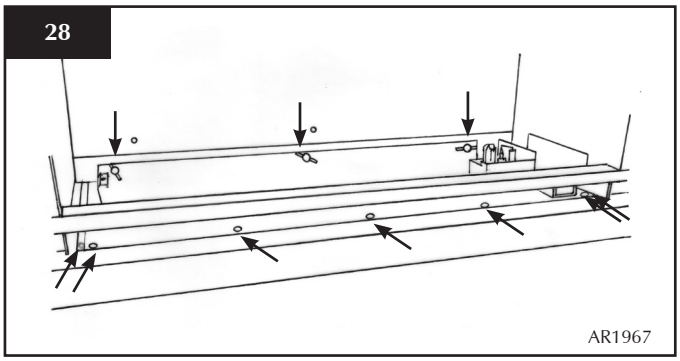
7.6 • Remove the three screws retaining the rear back panel
• Lift and pull forward off the slotted brackets

27



7.7 With the appliance on its back:
• Remove the three wing nuts and screws retaining the loose box, Diagram 28

28

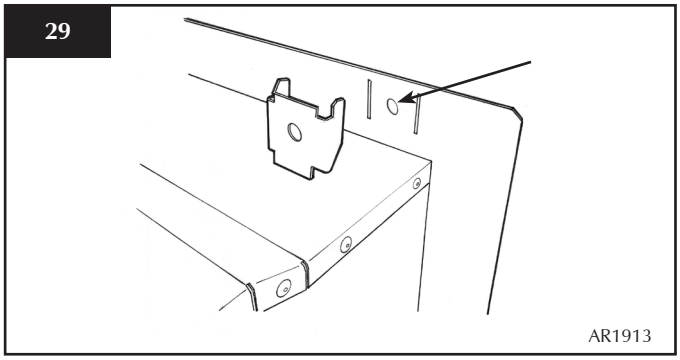


• Move the box forward to release the rear off the studs
• Tilt the front edge of the box upwards and remove from the appliance

7.8 METHOD 1 - FRAME

• Fit the four frame fixing brackets through the rear of the flanges.
• Attach the foam seal around the rear of the flange,
• Fit the main firebox into the aperture and secure with the screws and rawl plugs provided through the top and bottom flanges, Diagram 29

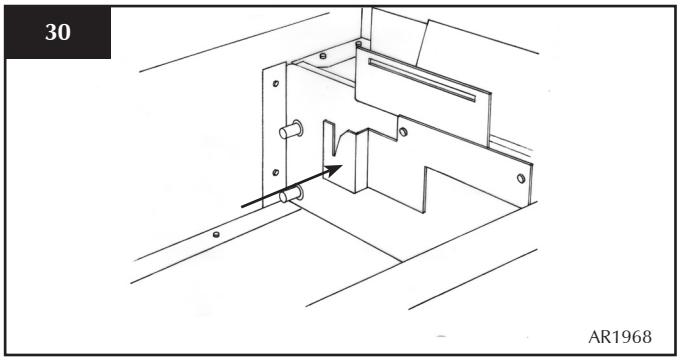
29



• Feed the wires for the remote touch pad through the grommet in the left side of the loose box
The wires are then fed inside the firebox and routed through the available access

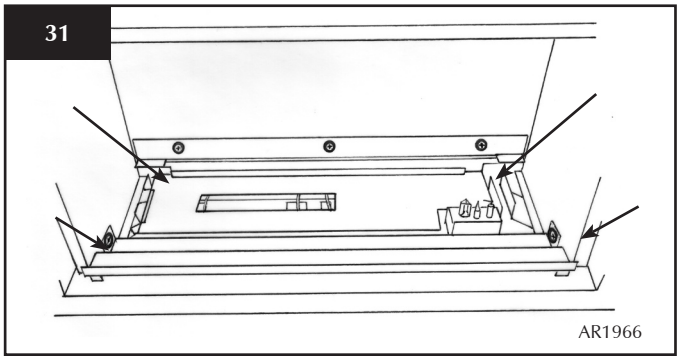
• Replace the loose box inside the main firebox ensuring the wires are not trapped
• Replace the three wing nuts and seven screws
• Connect the gas supply and check for leaks
• Replace the rear panel ensuring the bottom edge locates in the tapered brackets, Diagram 30

30



NOTE: To check gas pressure refer to paragraph 7.11
• Replace the splitter plate
• Locate the rear two tabs into the rear panel
• Engage the two side slots over the screws and secure, Diagram 31

31

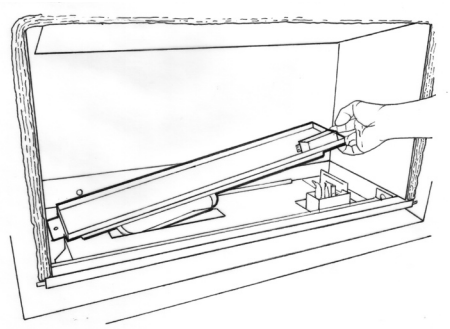


To replace the burner:
• Locate the left-hand side into the burner bracket

INSTALLATION INSTRUCTIONS
INSTALLATION

• Lower the right-hand side to engage the injector onto the venturi and also the pilot into the aperture in the burner skin
• Push the burner to the right and engage the burner into the slot in the bracket
• Replace the fixing screw, Diagram 32

32



AR1965

To replace the doors and panels, refer to *Replacing Parts, Sections 3, 5 and 6*.

7.9 METHOD 2 - NO FRAME

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

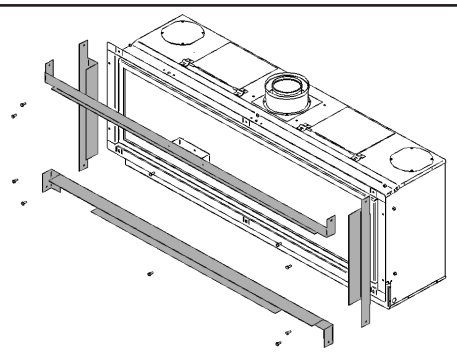
Cool Wall:

For this cool-wall Edge installation, the convected heat of the fire 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.

• Proceed as described in *Section 7.1 to 7.8,* but do not fit the frame brackets

You have now removed the box from the appliance and should use the following:
• Fit the edge kit to the two sides and lower edge using the screws and rawl plugs provided, Diagram 33

33



AR2080

• Stud the face of the chimney breast using a similar method 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

• Fit the non-combustible board and the plasterboard as described in *Section 3.3*
• Apply plaster skim to the front of the chimney breast

Edge Kit:

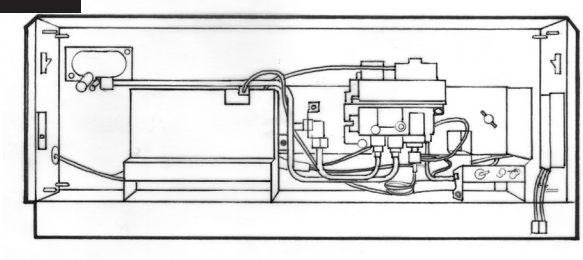
• Apply the same method for an Edge finish as described in the above Cool Wall paragraphs but refer to *Section 5*.

BOTH METHOD 1 OR 2 - MASONRY INSTALLATION

7.10 • Remove the compression elbow from the appliance and connect it to the gas supply pipe

As the loose box is fitted into the main appliance:
• Pass the elbow and supply pipe through the silicone panel on the left side
• Engage the rear of the box onto the three studs on the rear of the appliance and lower the front edge
• Replace the three wing nuts and seven screws
• Replace the rear loose panel
• Ensure the lower edge engages into the tapered brackets
• **PURGE THE SUPPLY PIPE**. This is essential to expel any debris that may block the gas controls
• Connect the elbow to the appliance inlet pipe, Diagram 34

34



AR1963

7.11 • Connect a suitable pressure gauge to the test point located on the inlet fitting

• Turn on the gas
The burner must be temporarily fitted whilst completing this procedure

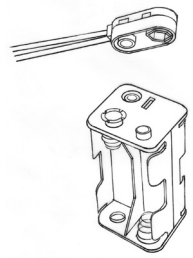
• Light the appliance and check for leaks
• Turn the appliance to maximum and check that the supply pressure is as stated on the data badge
• Turn off the gas and replace the test point screw
• Turn the gas back on and check the test point for leaks
• Replace the splitter plate and burner

INSTALLATION INSTRUCTIONS
INSTALLATION

8. ALL TYPES OF INSTALLATION INTO STUDWORK - WALL BOX & BATTERIES

• Decide on the position for the wall box containing the batteries and wall switch
• Connect the wire from the fire to the battery pack, Diagram 35

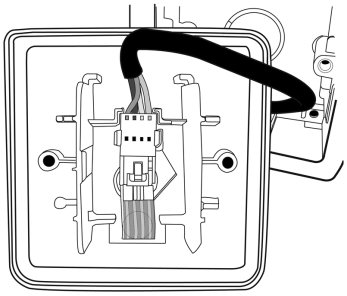
35



AR1920

• Connect the wire from the fire to the touch pad/ connector, Diagram 36

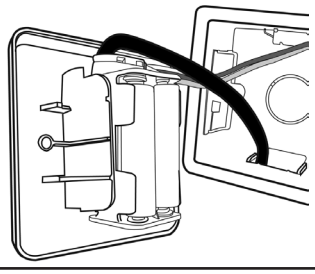
36



AR2306

• Correctly position the four new AA size batteries into the battery holder
• Re-assemble the battery holder as shown in Diagram 37

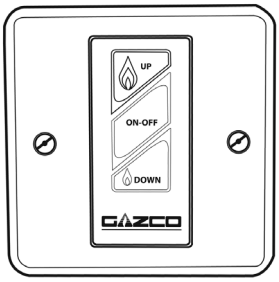
37



AR2305

• Secure the wall plate with the touch pad attached to the wall box, Diagram 38

38



AR2304

9. ASSEMBLING THE APPLIANCE

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

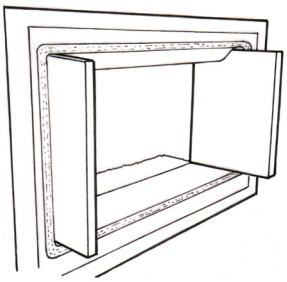
TAKE CARE NOT TO SPILL Stone chippings OR VERMICULITE INTO THE PILOT AREA
ONLY STONE CHIPPINGS OR VERMICULITE SUPPLIED BY GAZCO CAN BE USED IN THIS FIRE
Vermiculite Only: Use the exact amount of vermiculite supplied. This is just enough to cover the burner.

9.2 The back panel is already in place:
• Place the bottom panel(s) at the base of the fire

For **Studio 2 only**: Locate the bottom edge of the liner behind the bracket on the support bar.

• Slide the side panels into position

39



AR1865

9.3 VERMICULITE PANELS

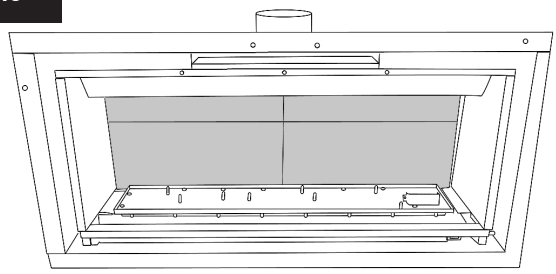
NOTE: STUDIO 1 & 2 FRONT PANELS AND STUDIO 2 REAR PANELS ARE IN TWO PIECES:
• HOLD THE REAR PANELS UNTIL ALL THE OTHER PANELS ARE IN PLACE AS THEY CAN FALL FORWARD

• Place the rear panel(s) behind the locating bracket on the rear support bar
The Studio 1 rear panel is already in place.

• Ensure the two-piece rear panels are centralised, with the chamfers touching and pushed together, Diagram 40

INSTALLATION INSTRUCTIONS
INSTALLATION

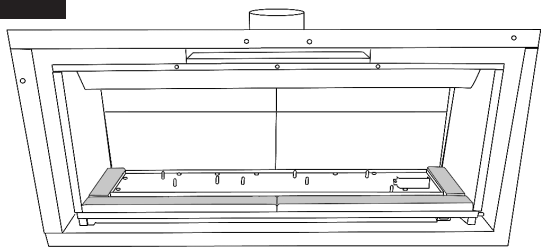
40



AR2148

• Place the lower side and front panels in position so the chamfers meet at the front edge of the Burner.
• Ensure the two-piece front panels are engaged against the centre support tags on the Burner and are pushed together in the middle, Diagram 41

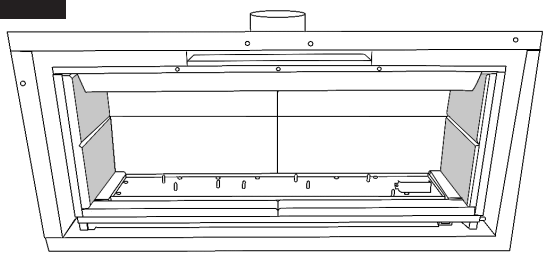
41



AR2149

• Slide the two side panels up to the rear panel, Diagram 42

42



AR2150

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

10. ARRANGEMENT OF 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 **Stone chippings:** If you need to replace stone chippings and refill the tray, make sure the stone chippings are flattened so they are level with the rim of the tray.

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

TAKE CARE NOT TO SPILL STONE CHIPPINGS OR VERMICULITE INTO THE PILOT AREA. ONLY STONE CHIPPINGS OR VERMICULITE SUPPLIED BY GAZCO CAN BE USED IN THIS FIRE.

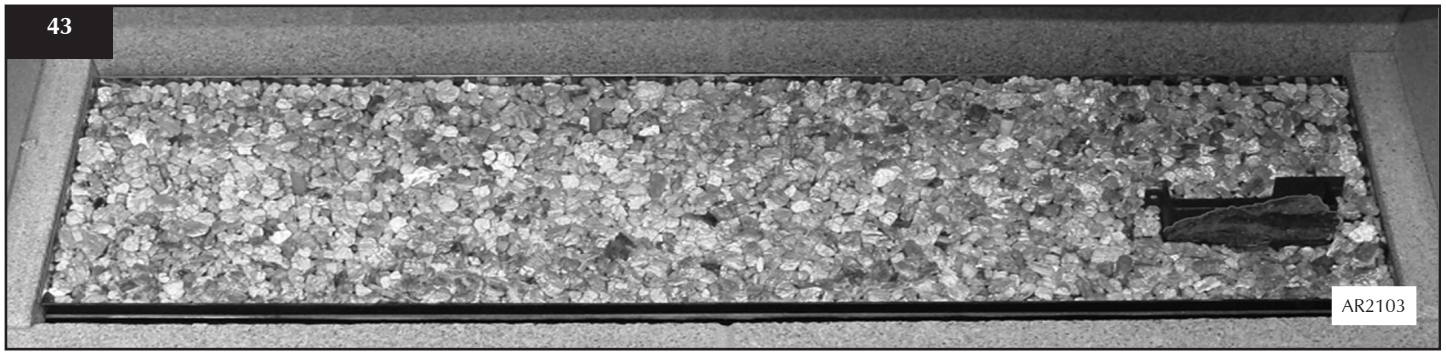
INSTALLATION INSTRUCTIONS
INSTALLATION

11. LOG LAYOUT

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

11.1 • Use all the vermiculite to fill the burner tray and spread evenly across the whole burner
• Rest the ceramic bark against the front face of the pilot shield, Diagram 43

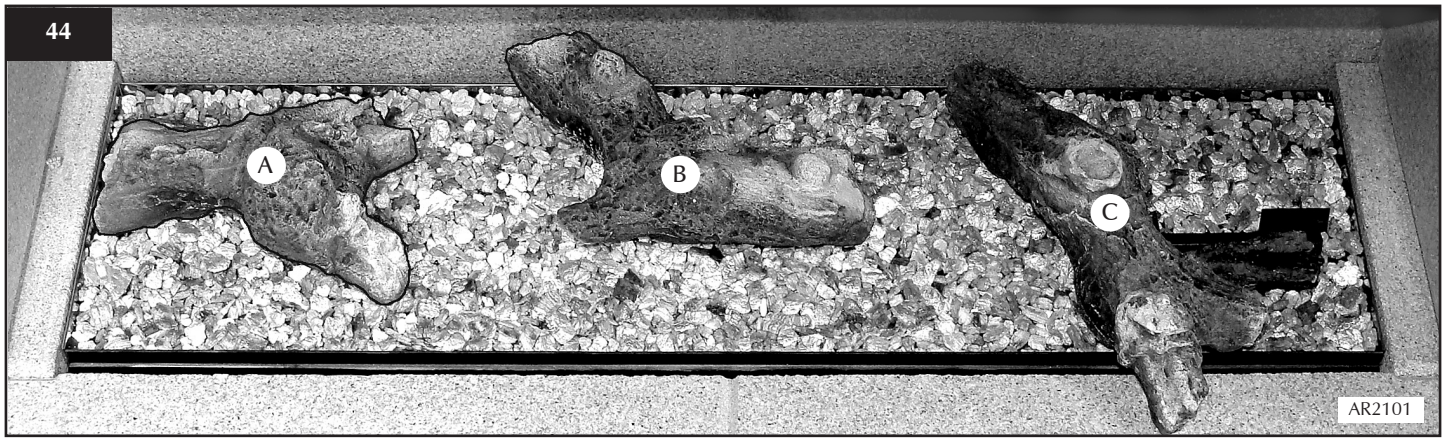
43



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.

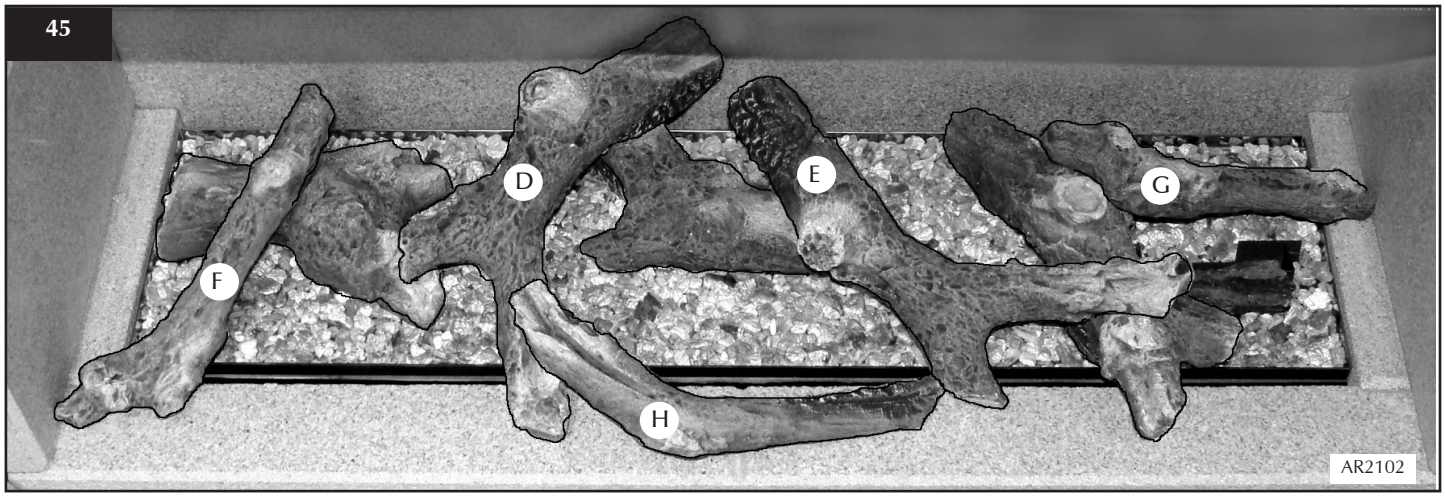
11.2 Working from left to right:
• Place logs A, B and C onto their studs as illustrated in Diagram 44

44



11.3 Diagram 10 shows the layout of logs D to H:
- 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.
- A recess in the back of Log E fits the stud on Log B and its long branch rests snuggly behind a wood knot of Log C

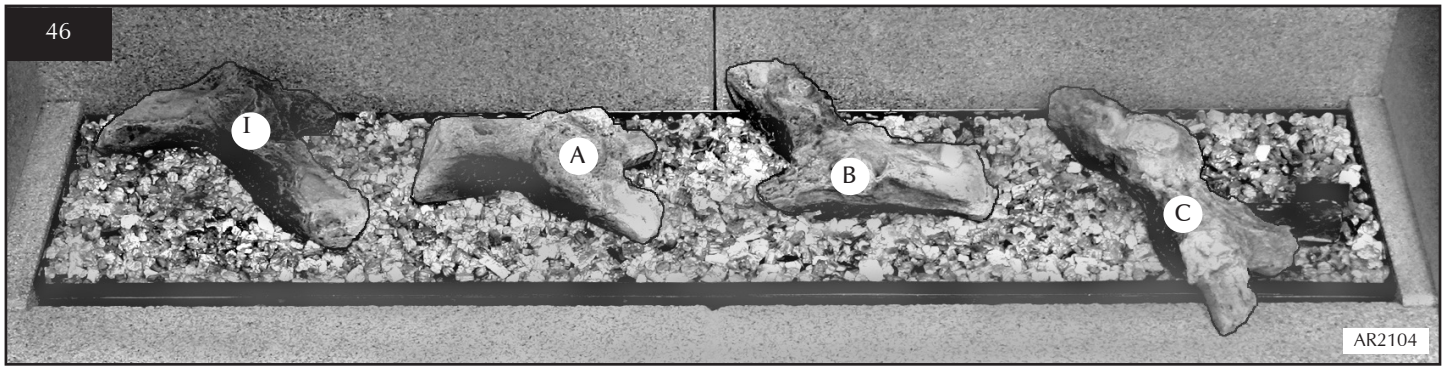
INSTALLATION INSTRUCTIONS
INSTALLATION



- Log F fits centrally onto Log A with its front edge resting on the front panel
- 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
- The small branch underneath Log H rests on the front panel and overlaps Log D just touching Log E

LAYOUT FOR STUDIO 2

11.4 Preparation with vermiculite and the ceramic bark pilot shield is the same as for Studio 1, see paragraph 11.1 above.
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.



11.5 Diagram 47 shows the layout of logs D, E and J:
- 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.
- A recess in the back of Log E fits the stud on Log B and its long branch rests snuggly behind a wood knot of Log C

INSTALLATION INSTRUCTIONS
INSTALLATION

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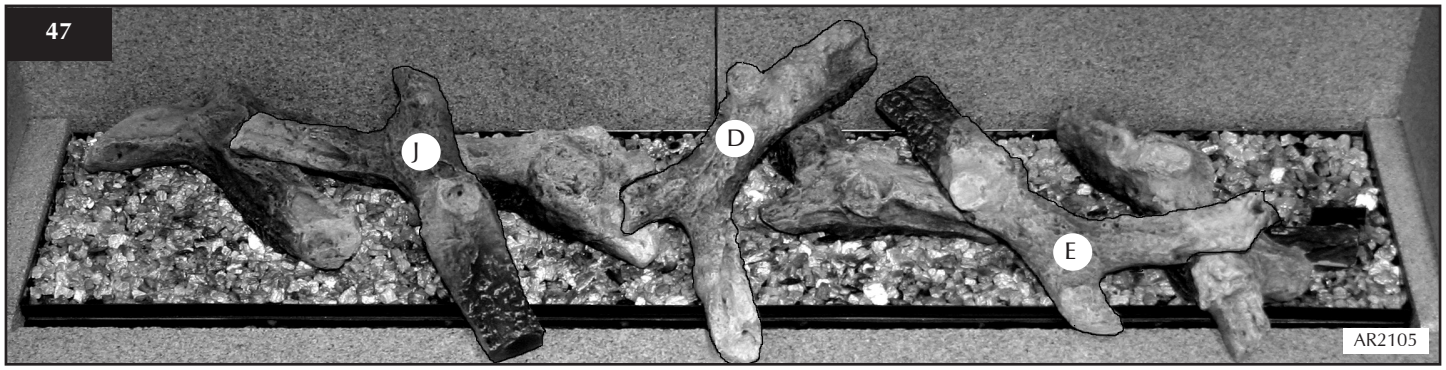


- The underside of log J has a moulded 'stop'. This rests about 12mm in from the left edge of Log A. The left branch of Log J also rests in the recess in Log I. See Diagram 12 above.

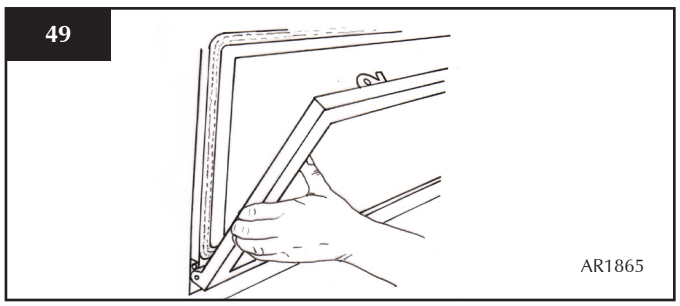
11.6 Diagram 48 shows the layout of the last four logs, F, G and two of log H:
- Log F fits centrally onto Log I with its front edge resting on the front panel.
- Log G is centrally positioned around the moulded wood knot of Log C and rests against the right side panel crossing the pilot shield beneath
- the first Log H rests on the front panel, overlapping Log D and touching Log E
- the second Log H rests anywhere on the front panel between F and J. **DO NOT LET THIS LOG OVERLAP THE BURNER**.

48

12. COMPLETION OF ASSEMBLY

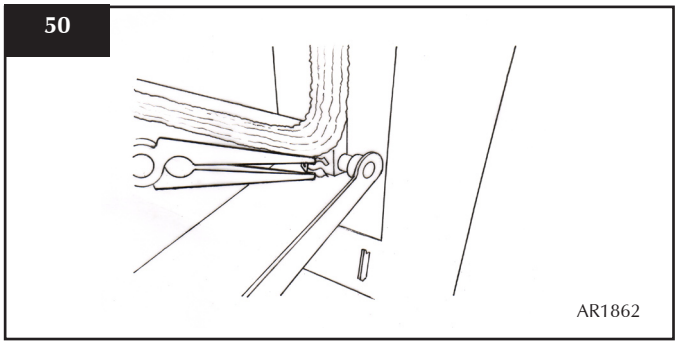
12.1 To fit the window frame:
- Keep the frame in the upright position with the locks uppermost
- Offer the frame to the foot of the opening
- Slide the frame to the right to locate the right hinge pin

49



12.2 • Manoeuvre the frame up towards the left side to locate the left hinge pin
- Slide onto the hinge with a right movement
- Secure in place with a spring clip at the right hinge pin, Diagram 50

50



- Close the window

12.3 Using the allen key provided:
- Close the window locks by moving from open to shut towards the window centre

INSTALLATION INSTRUCTIONS
INSTALLATION

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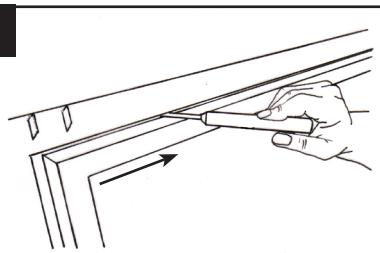


AR1860

13. LIGHTING THE STUDIO

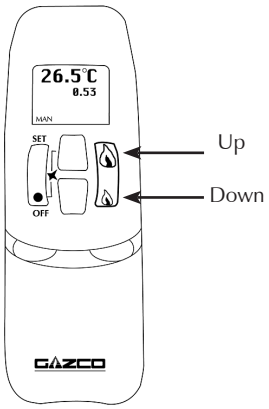
Note: The Emergency Shut Off switch must be in the ON position, refer to *Section 2, User Instructions*.

There are two ways of lighting the Studio:
- by thermostatic remote control
- using the fire's touch pad

THERMOSTATIC REMOTE CONTROL

Turning the Studio On
Your remote can control the gas fire from pilot ignition through to shut down.

52

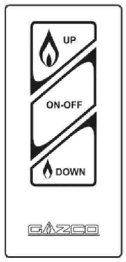


AR2182

To light the appliance using the handset:
• Press OFF and UP buttons simultaneously
You hear a beep as the ignition process begins.

TOUCH PAD CONTROL

53



AR1885

- Press the ON-OFF button to light the appliance, (up to 30 seconds)
- Press the UP button to increase the flame height
- Press the DOWN button to decrease the flame height. At the lowest point it goes to 'standby mode', (only pilot lit)
- Press the ON-OFF button to turn the appliance off

INSTALLATION INSTRUCTIONS
COMMISSIONING

1. COMMISSIONING

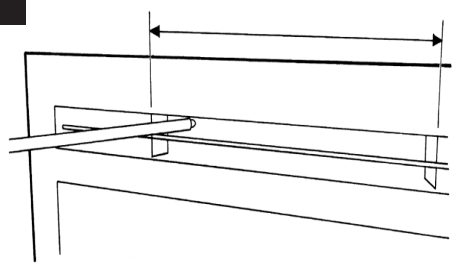
1.1 Check the flame picture, log/pebble layout

1.2 Check the gas pressure

1.3 • Close all door and windows in the room
• Ignite the Studio and operate on maximum for 5 minutes
• 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:
• Run the appliance for a further 10 minutes and repeat the test, Diagram 1

1



AR0757

1.4 **In the unlikely event that the appliance is receiving interference from other electronic devices, re-programme the handset/Control box**

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.

SERVICING INSTRUCTIONS
SERVICING / FAULT FINDING CHARTS

1. SERVICING REQUIREMENTS

IMPORTANT – The glass panel on this appliance should be checked for any signs of damage on the front face of the glass panel (scratches, scores, cracks or other surface defects). If damage is observed, the glass panel must be replaced and the appliance must not be used until a replacement is installed. Under no circumstances should the appliance be used if any damage is observed. Please isolate the appliance until a replacement glass panel has been obtained and installed. Replacement glass panels can be purchased from Gazco via the dealer 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 serviced by best practice as described by the current Gas Safe recommendations.

1.1 Before any tests are undertaken on the stove:
- Conduct a gas soundness test for the property to ensure there are no gas leaks prior to starting work.

1.2 • Fully check the operation of the stove

Special checks

1.2.1 Clean any lint or fluff from the pilot - pay particular attention to the aeration hole in the side of the pilot

1.2.2 Clean away any fluff or lint from under the burner

1.2.3 Check the spark gap on the pilot is correct

- Correct any faults found during the initial tests
- Re-commission the stove conducting the usual safety checks

1.3 Advise the customer of any remedial action taken.

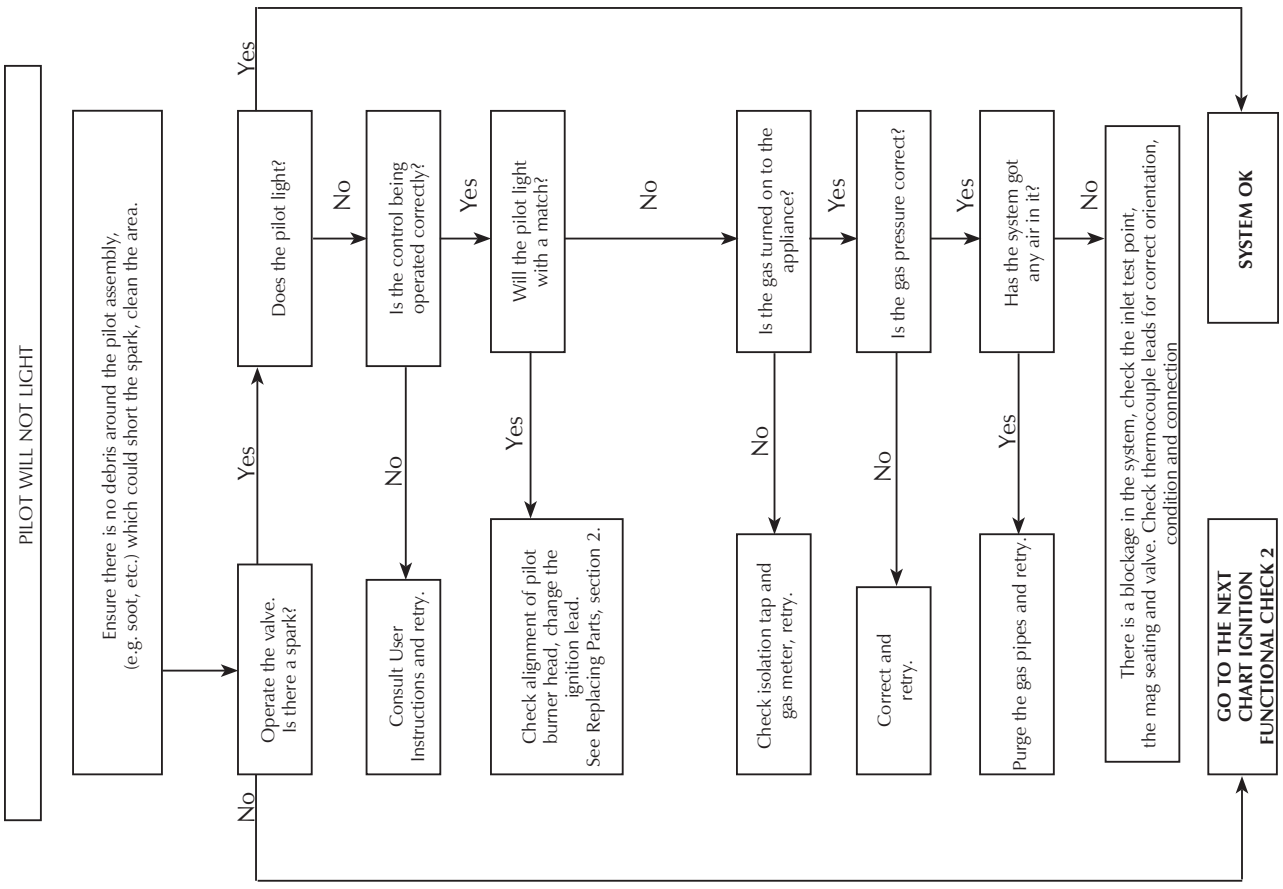
REPLACE BATTERIES BEFORE ATTEMPTING TO RECTIFY ANY FAULTS

IF THE FIRE DOES NOT WORK, BUT HAS WORKED IN THE PAST:

•CHECK THE EMERGENCY SHUT OFF SWITCH, (BOTTOM RIGHT CORNER BY THE DOOR), IS SWITCHED ON, SEE USER SECTION, PAGE 6

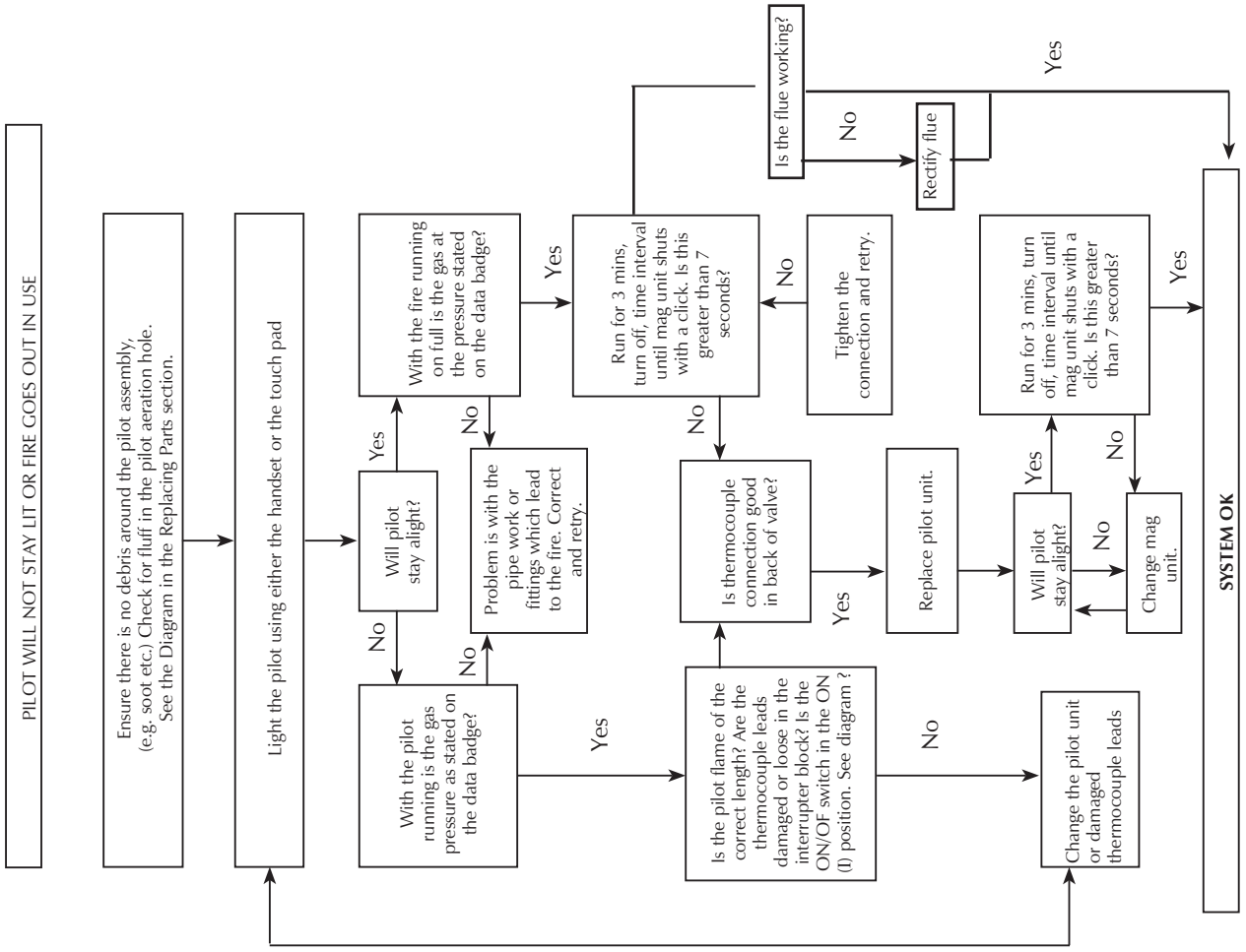
ELECTRONIC CONTROL VALVE FAULT ANALYSIS		
Symptom	**Cause**	**Remedy**
3 short beeps from control	Batteries low in appliance	Replace appliance batteries
No ignition, 5 seconds continuous tone (there can be several short beeps before)	1. ON/OFF switch is in OFF position 2. Loose/damaged wire	1. Move switch to ON position 2 Check interrupter block and wires
No ignition, no tone, motor turned slighted when operated	Receiver board damaged	Replace receiver
No pilot flame and control continues to spark	Thermocouple circuit wired incorrectly	Correct wiring
Pilot lights, control continues to spark, vale shuts down after 10-30 seconds	1. No spark at pilot burner 2. Loose/damaged wire	1. Rectify spark at pilot burner 2. Check interrupter and wires

IGNITION FUNCTIONAL CHECK 1

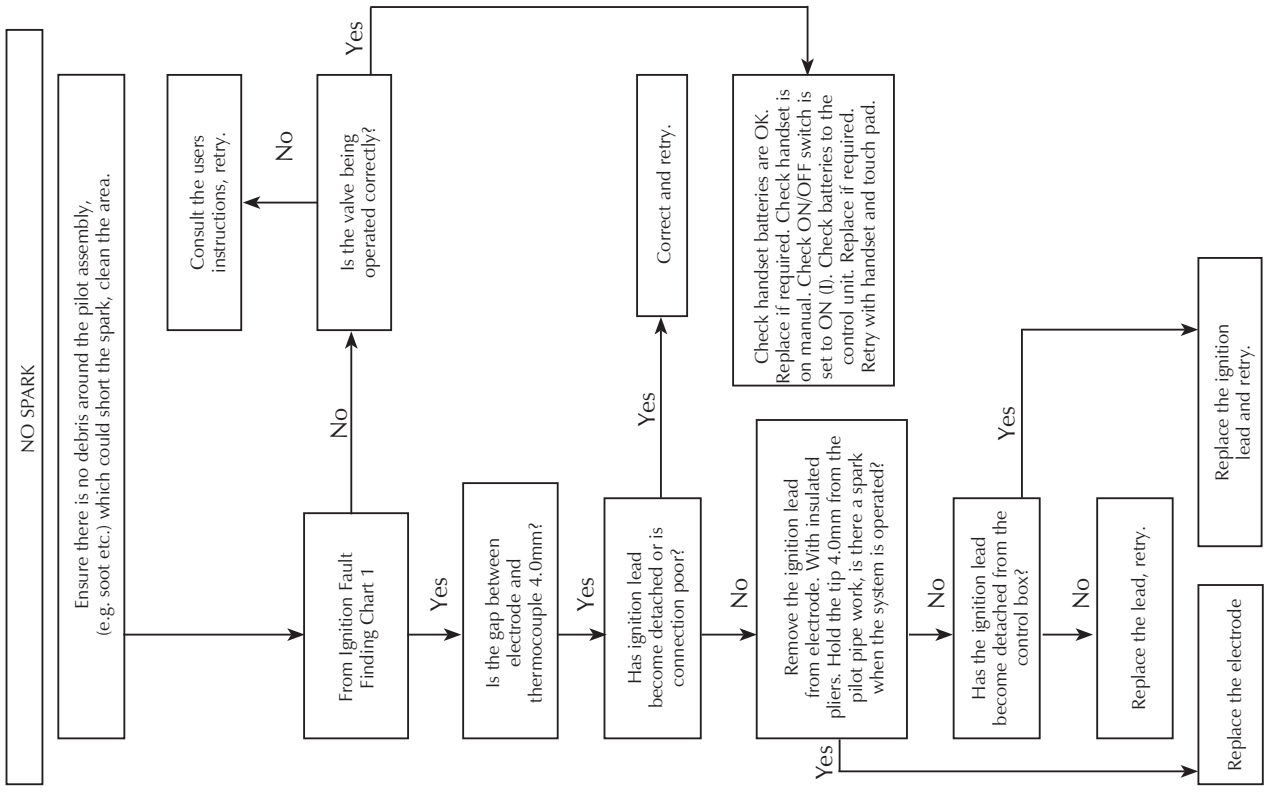


SERVICING INSTRUCTIONS
FAULT FINDING CHARTS

FLAME FAILURE FUNCTIONAL CHECK 3



IGNITION FUNCTIONAL CHECK 2



SERVICING INSTRUCTIONS
REPLACING PARTS

1. GENERAL

1.1 All main components can be replaced without removing the stove from its installation. **IT IS ESSENTIAL THAT THE GAS SUPPLY TO THE STOVE IS TURNED OFF AT THE ISOLATION DEVICE BEFORE PROCEEDING FURTHER.**

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

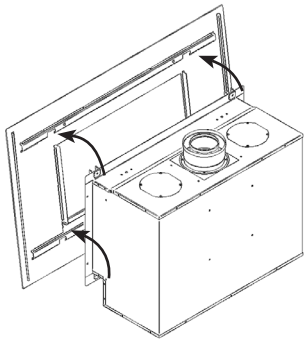
1.4 Access to the controls is restricted and the whole of the control assembly is to be removed as one unit. Refer to Section 7 below

2. DECORATIVE FRAME

2.1 The same method is used to remove each frame.

- Lift the frame upwards off the four support brackets, Diagram 1

1



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

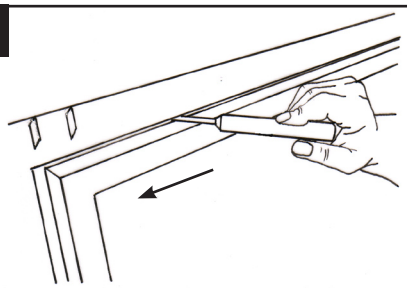
3. WINDOW FRAME ASSEMBLY

3.1 To open the glass door, use the allen key provided:

- Release the two window locks

The lock needs to be moved from shut to open towards the outer edges, Diagram 2

2

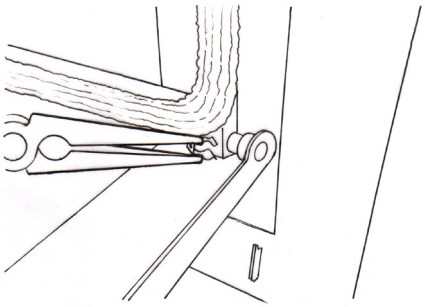


AR1860

3.2 To completely remove the glass front:

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

3



AR1862

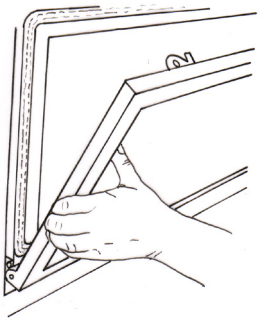
3.3 With the window frame in an upright position:

- Slide the frame to the left so that it comes off the left hinge pin

Still keeping the frame upright:

- Drop the left side down and forward slightly, Diagram 4

4



AR1863

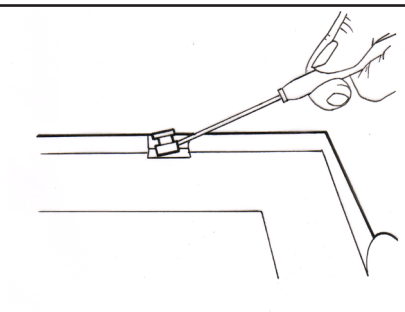
- Slide the frame to the right so that the frame comes off the right hinge pin. The window frame is now free.
- Refit in reverse order

SERVICING INSTRUCTIONS
REPLACING PARTS

4. GLASS WINDOW

4.1 Remove the two clips and brackets from either side of the frame, Diagram 5

5



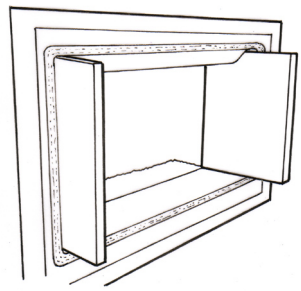
AR1864

- 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, Diagram 6

6



AR1865

- Lift the bottom panel out of the appliance
- Lift the panel from the appliance

5.2
- Lean the top of the rear panel forward and lift off the support rail

5.3 To reassemble the panels in reverse order:

- At an angle, slide the bottom of the back panel into place before the top edge is pushed back
- Replace the lower panel
- Replace the side panels
- Replace the side panels

6. VERMICULITE PANELS FOR STUDIO WITH LOGS

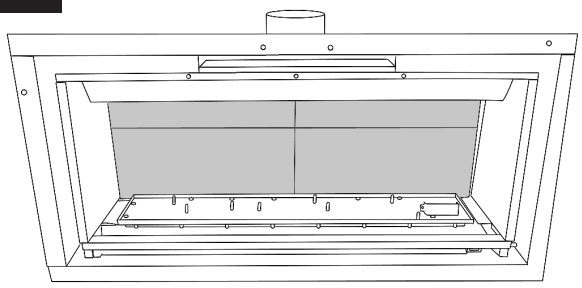
NOTE: STUDIO 1 & 2 FRONT PANELS AND STUDIO 2 REAR PANELS ARE IN TWO PIECES:

- **HOLD THE REAR PANELS UNTIL ALL THE OTHER PANELS ARE IN PLACE AS THEY CAN FALL FORWARD**
- Place the rear panel(s) behind the locating bracket on the rear support bar

The Studio 1 rear panel is already in place.

- Ensure the two-piece rear panels are centralised, with the chamfers touching and pushed together, Diagram 7

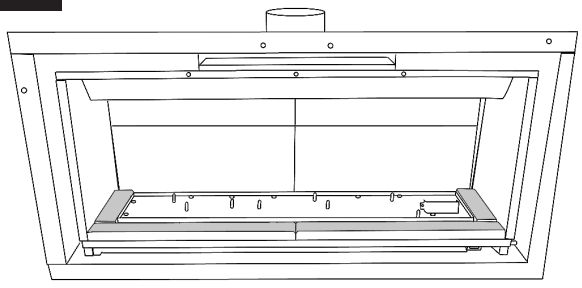
7



AR2148

- Place the lower side and front panels in position so the chamfers meet at the front edge of the Burner.
- Ensure the two-piece front panels are engaged aggainst the centre support tags on the Burner and are pushed together in the middle, Diagram 8

8

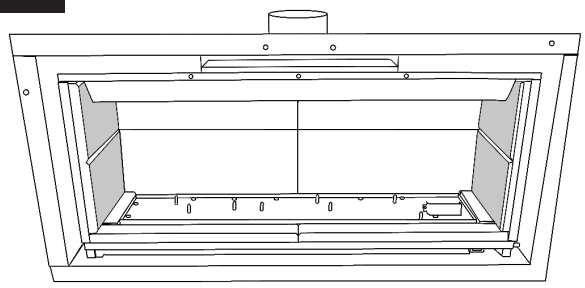


AR2149

- Slide the two side panels up to the rear panel, Diagram 9

SERVICING INSTRUCTIONS
REPLACING PARTS

9



AR2150

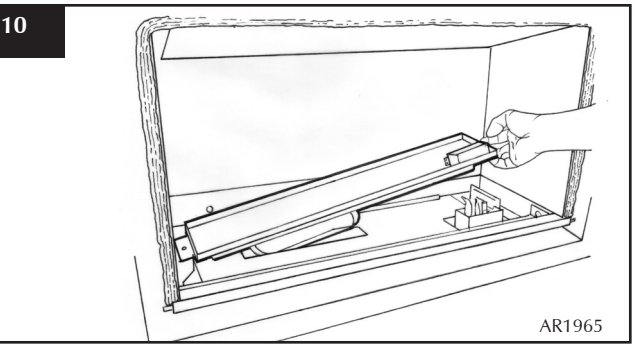
Note: THE HORIZONTAL CHAMFERS MUST ALIGN ON THE REAR AND SIDE PIECES.

7. MAIN BURNER

7.1 To replace the main burner:

- Remove the stone Stone Chippings from the burner (optional)
- Remove the burner securing screw from the left side of the burner, Diagram 10

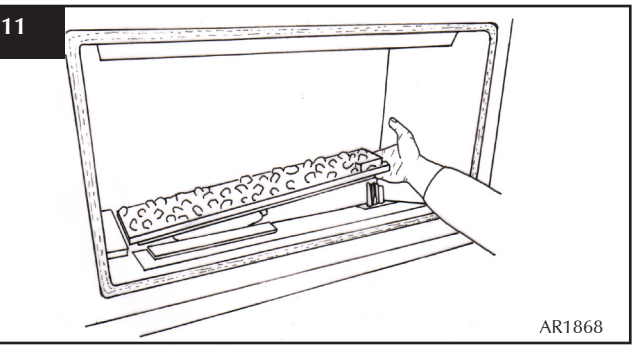
10



AR1965

- Slide the burner fully to the left
- Lift the right side clear of the pilot, Diagram 11

11



AR1868

- Slide the burner to the right and out of its location
- 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

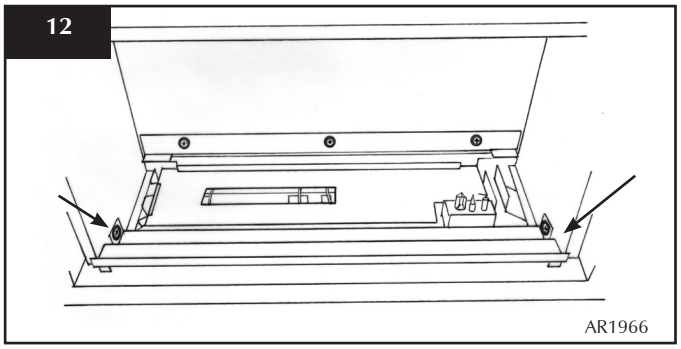
8.1 To access the main control assembly, first remove:

- 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, Diagram 12

12



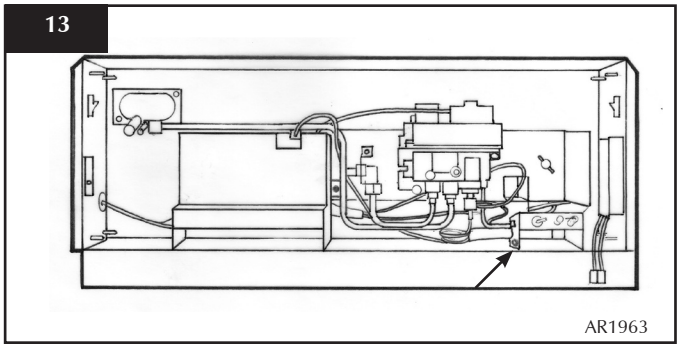
AR1966

All components can be replaced without removing the control assembly.

9. PILOT UNIT ASSEMBLY

9.1 • Remove the screw retaining the pilot cover, Diagram 13

13

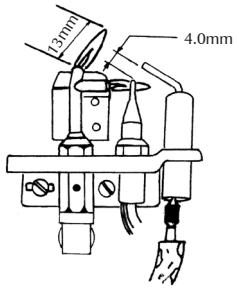


AR1963

SERVICING INSTRUCTIONS
REPLACING PARTS

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

14



AR0097

• Undo the pilot pipe and thermocouple

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

• Replace in reverse order

• 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.

• Check for gas leaks

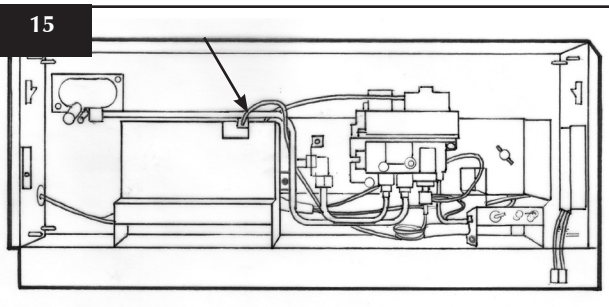
10. IGNITION LEAD

10.1 • Cut the cable tie securing the vida flex and disconnect the ignition lead from the electrode

• Pull the lead through the vida flex

• Cut the remaining cable tie and disconnect the lead from the control box, Diagram 15

15



AR1963

• Replace in reverse order

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

NOTE: DO NOT ROUTE THE IGNITION LEAD IN THE VICINITY OF THE ANTENNA ON THE CONTROL BOX. THIS DAMAGES THE COMPONENTS.

11. GAS VALVE

11.1 To change the gas valve:

• Disconnect the inlet pipe

• Disconnect the feed pipe

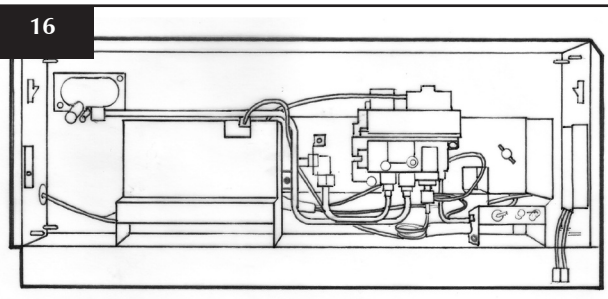
• Disconnect the pilot pipe

• Disconnect the thermocouple, thermo current wires and the interrupter block

• Remove the two screws and rotate the valve to access the front

The cable can now be removed from the valve, Diagram 16

16



AR1963

• Reassemble in reverse order and check for leaks

12. MAGNETIC SAFETY VALVE

12.1 To replace the magnetic safety valve:

• Undo the thermocouple from the interrupter block and remove the two thermo current cables

• Unscrew the interrupter block from the back of the valve

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

• Gently tap out the mag valve

• Replace with a new unit

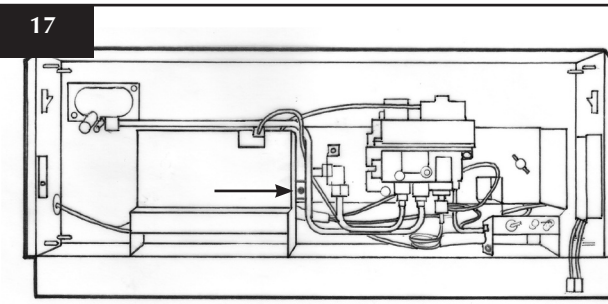
• Reassemble in reverse order

• Check for leaks

13. CONTROL BOX

• Remove the cover fixing screw, Diagram 17

17

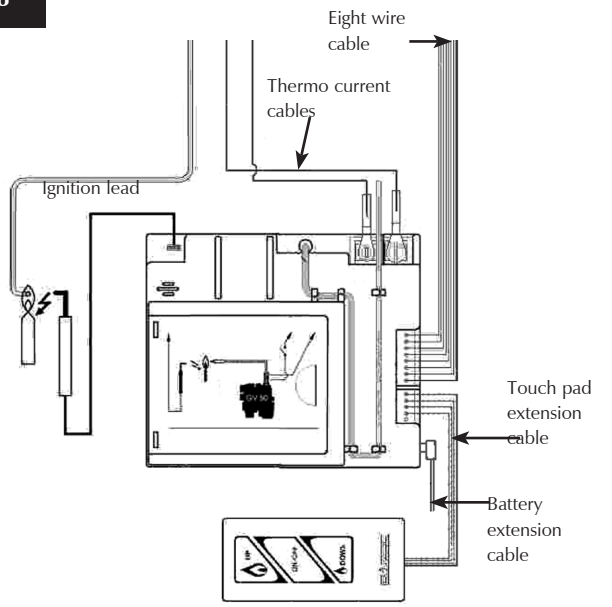


AR1963

SERVICING INSTRUCTIONS
REPLACING PARTS

• Remove the two thermo current cables by removing the two screws, Diagram 18
• Remove the ignition lead, Diagram 18
• Remove the eight loom wire from the control box, Diagram 18

18



• Remove the battery extension cable, Diagram 18
• Remove the touch pad extension cable

The control box can now be replaced.
After replacing the control box you may need to reprogram the handset:

• Press and hold the reset button on the control box until you hear two signals. After the second longer signal:
  • Release the reset button and within 20 seconds
  • Press the DOWN button on the handset until you hear an additional long signal confirming the new code
• Refer to separate handset instructions to set new code

14. MAIN INJECTOR

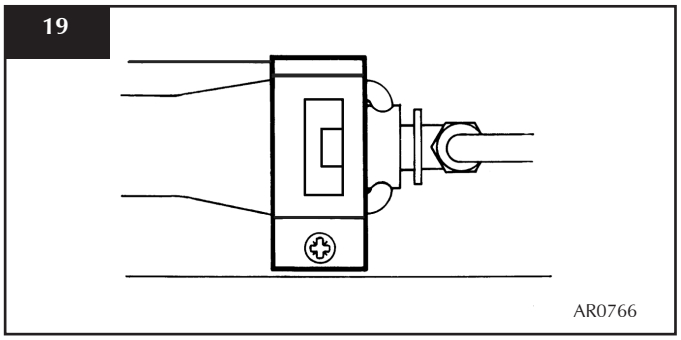
14.1 To change the main injector:
• Undo the injector feed pipe
• Undo the lock nut from the injector and remove the silencer
• Replace with the correct size injector
• Check for leaks

15. PRIMARY AERATION PLATE

NOT ALL MODELS HAVE AERATION PLATES. REFER TO NOTE AT BEGINNING OF INSTALLATION INSTRUCTIONS.

15.1 Remove the burner module as described in *Replacing Parts Section 6*.
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, Diagram 19.

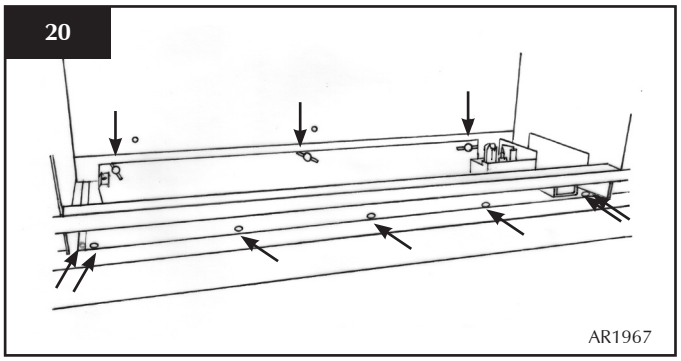
19



16. DEBRIS AREA ACCESS

• Remove the Steel frame (if fitted)
• Remove the glass door assembly
• Remove the enamelled panels
• Remove the burner and splitter plate
• Isolate the gas supply
• Disconnect the isolating device from the inlet pipe on the appliance
• Remove the seven screws from the front of the loose box, Diagram 20

20



• Remove the three screws from the rear panel
• Lift the panel to disengage the locating brackets, Diagram 20

• Remove the three wing nuts and screws retaining the loose box, Diagram 20

To release the box from the main body:

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

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

Any debris can now be removed through the aperture.

• 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 the following items:

Burner Unit

Pilot

Control Valve

Injector

Aeration Plate (if required)

Data badge

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

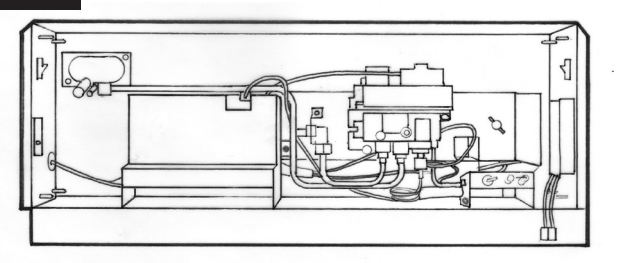
NOTE: THE CONTROL VALVE IS FACTORY PRESET FOR THE CORRECT GAS TYPE AND MODEL, A NEW UNIT WILL NEED TO BE ORDERED WHEN CHANGING BETWEEN GAS TYPES.

18. PRESSURE AND LEAK TESTING THE APPLIANCE

18.1 Follow ***Section 8, Main Control Assembly, 8.1 and 8.2***

• Access to the pressure test point can now be reached, Diagram 21

21



AR1963

Refer to paragraph 7.11 of the *Installation Instructions* to check gas pressure

• Light the appliance and spray any joints with leak detector fluid

• Tighten joints or replace as required

SERVICING INSTRUCTIONS
REPLACING PARTS

19. SHORT SPARES LIST

STONE CHIPPINGS VERSIONS

	Studio 1 CF		Studio 2 CF	
COMPONENT	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	GC0092		GC0092	
IGNITION LEAD	GC0125		GC0125	
GAS VALVE	GC0123		GC0123	
CONTROL BOX	GC0150		GC0150	
REMOTE CONTROL	GC0149		GC0149	
INTERRUPTER BLOCK	GC0124		GC0124	
THERMO CURRENT CABLE	GC0126		GC0126	
THERMO CURRENT CABLE SWITCH	GC0128		GC0128	
TOUCH PAD /WALL PLATE ASSEMBLY	GC0164		GC0164	
TOUCH PAD LEAD	GC0144		GC0144	
BATTERY HOLDER	EL0410		EL0410	
BATTERY HOLDER CABLE	GC0127		GC0127	
CONTROL BOX/VALVE CABLE	GC0133		GC0133	
REAR ENAMELLED PANEL	GZ6488		GZ6867	
SIDE ENAMELLED PANEL	GZ6489		GZ6489	
BASE ENAMELLED PANEL	GZ6490		GZ6866	
STONE Stone Chippings	CE0647		CE0579	

SERVICING INSTRUCTIONS
REPLACING PARTS

20 SHORT SPARES LIST

LOG VERSIONS

	STUDIO 1 CF		STUDIO 2 CF	
COMPONENT	**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	GC0092		GC0092	
IGNITION LEAD	GC0125		GC0125	
GAS VALVE	GC0123		GC0123	
CONTROL BOX	GC0150		GC0150	
REMOTE CONTROL	GC0149		GC0149	
INTERRUPTOR BLOCK	GC0124		GC0124	
THERMOCURRENT CABLE	GC0136		GC0136	
THERMOCURRENT SWITCH CABLE	GC0128		GC0128	
TOUCH PAD /WALL PLATE ASSEMBLY	GC0164		GC0164	
TOUCH PAD LEAD	GC0144		GC0144	
BATTERY HOLDER	EL0410		EL0410	
BATTERY HOLDER CABLE	GC0138		GC0138	
CONTROL BOX/VALVE CABLE	GC0133		GC0133	
LINER BASE SIDE PIECE (2 PER APPLIANCE)	CE0673		CE0673	
LINER BASE FRONT L/H PIECE	CE0677		CE0689	
LINER BASE FRONT R/H PIECE	CE0706		CE0707	
LINER BACK PANEL	CE0678		N/A	
LINER SIDE PANEL (2 PER APPLIANCE)	CE0679		CE0679	
LINER BACK PANEL L/H SIDE	N/A		CE0690	
LINER BACK PANEL R/H SIDE	N/A		CE0727	
VERMICULITE	CE0745		CE0746	
LOG SET	CE0696		CE0729	

SERVICE RECORDS

1ST SERVICE
Date of Service:.....
Next Service Due:.....
Signed:.....
Dealer's Stamp/Gas Safe Registration Number

2ND SERVICE
Date of Service:.....
Next Service Due:.....
Signed:.....
Dealer's Stamp/Gas Safe Registration Number

3RD SERVICE
Date of Service:.....
Next Service Due:.....
.
Signed:.....
Dealer's Stamp/Gas Safe Registration Number

4TH SERVICE
Date of Service:.....
Next Service Due:.....
Signed:.....
Dealer's Stamp/Gas Safe Registration Number

5TH SERVICE
Date of Service:.....
Next Service Due:.....
Signed:.....
Dealer's Stamp/Gas Safe Registration Number

6TH SERVICE
Date of Service:.....
Next Service Due:.....
Signed:.....
Dealer's Stamp/Gas Safe Registration Number

7TH SERVICE
Date of Service:.....
Next Service Due:.....
Signed:.....
Dealer's Stamp/Gas Safe Registration Number

8TH SERVICE
Date of Service:.....
Next Due:.....
Signed:.....
Dealer's Stamp/Gas Safe Registration Number

9TH SERVICE
Date of Service:.....
Next Service Due:.....
Signed:.....
Dealer's Stamp/Gas Safe Registration Number

10TH SERVICE
Date of Service:.....
Next Service Due:.....
Signed:.....
Dealer's Stamp/Gas Safe Registration Number

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