



*Fire Your Imagination*

# Studio

Balanced Flue with Thermostatic Remote Control



## Instructions for Installation

For use in NZ (New Zealand).

### IMPORTANT

**INSTALLATION AND SERVICING MUST ONLY BE CARRIED OUT BY AUTHORISED PERSONNEL.**

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

This product contains a Non-Combustible 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.

**DO NOT DISCARD:** These Instructions must be left with the appliance for future reference and for consultation when servicing the appliance. Please make the customer aware of the correct operation of the appliance before leaving these instructions with them.

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

# Contents

## Studio Balanced Flue

Covering the following models:

STUDIO 1	STUDIO 2	STUDIO 3
8700BFCHECNZ	8701BFCHECNZ	8702BFCHECNZ
P8700BFCHECNZ	P8701BFCHECNZ	P8702BFCHECNZ
8700BFLECNZ	8701BFLECNZ	8702BFLECNZ
P8700BFLECNZ	P8701BFLECNZ	-

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### WARRANTY

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



**DO NOT OPERATE THIS APPLIANCE BEFORE READING THE INSTRUCTION BOOKLET.**  
**DO NOT PLACE ARTICLES ON OR AGAINST THIS APPLIANCE.**  
**DO NOT USE OR STORE FLAMMABLE MATERIALS NEAR THIS APPLIANCE.**  
**DO NOT SPRAY AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILE IT IS IN OPERATION.**  
**DO NOT OPERATE WITH PANELS, COVERS OR GUARDS REMOVED FROM THE APPLIANCE**  
**DO NOT MODIFY THIS APPLIANCE.**

# Appliance Commissioning Checklist

To assist us in any warranty 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		
GAS CHECK		
1. Gas soundness test		
2. Standing gas Inlet pressure	kPa	kPa
3. Appliance working Inlet pressure (on High Setting) NB All other gas appliances must be operating on full	kPa	kPa

## RETAILER AND INSTALLER INFORMATION

Retailer .....

.....

.....

Contact No.....

Date of Purchase .....

Model No. ....

Serial No.....

Gas Type .....

Installation Company.....

.....

.....

Engineer.....

Contact No.....

Installer Reg No. ....

Date of Installation .....



END USER: Please keep this information safe for future reference.

# Installation Instructions

## 1. General

- 1.1 Installation and servicing must only be carried out by an authorised person.
- 1.2 In all correspondence, please quote the appliance type and serial number, which can be found on the data badge located on a plate under the Main Burner, see Diagram 1.
- 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 Do not obstruct the flue terminal in any way, i.e. by planting flowers, trees, shrubs etc. in the near vicinity, or by leaning objects against the terminal guard.
- 1.8 Do not put any objects on the terminal guard; it will lose its shape.
- 1.9 If you use a garden sprinkler, do not let quantities of water into the flue terminal.
- 1.10 This product is guaranteed 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.

**1**

**Gazco Studio 3 (NZ)**

Gas Type : Natural Gas

Test Point Pressure : 2.0kPa  
36.4 MJ/h

Gas Input Rate : 6.0kPa  
(with external pressure regulator)

Design Standard : EN613:2001

8702BFCHEC

MODELLNR. MODELLO N. SERIENNR. N. DI SERIE PIN-NR. NP	NO. DE MODELO MODELNUMMER NO. DE SERIE VOLGNUMMER NP	MODÈLE NO. MODELNUM SÉRIE NO. SCHRIJFT NO. NP PROCEUR	MODEL No. <b>8702BFCHEC</b> <b>8702BFCHEC-50000</b> <b>8702BFCHEC-51000</b>
GASKATEGORIE CAT. DE APPAREIL CAT. DELL'APPARECCHIO SCOTT APPARAT ULTRASTRUKTURKATEGORIE			<b>B11BS</b>
LEISTUNGSKLASSE CAT. DE EFFICIENCIA CLASSE D'EFFICIENZA EFFICIENCY CLASS			<b>II</b>
GASTYP TIPO DI GAS GASKATEGORIE CATEGORIE GAS GASDRUK PRESSIONE GAS ENERGIEZUHR CONSUMO CONS. ENERGICO			<b>NG</b> <b>I3H</b> <b>25 mb</b> <b>4.15kW</b>
COUNTRY OF DESTINATION PAIS DE DESTINATION PAESE DI DESTINAZIONE LAND VAN BESTEMMING			<b>UK, IE</b>

**Data Badge Example:**  
Individual details may vary.

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

## 2. Installation Checklist

1. **Siting the Appliance**
  - i) Room Location - see Appliance Location
  - ii) Clearances to Combustibles - see Studwork Installation
  - iii) Vent requirements - see Ventilation section
  - iv) Framing & Finishing - see Installation section on frames
2. **Assemble the Studwork**

See Studwork installation section for details
3. **Locate the appliance in the Studwork**
4. **Make Gas Connections**
5. **Test the pilot**
6. **Test the Gas Pressure**
7. **Install standard and optional features**
  - i) Mains Adapter
  - ii) Lining Panels
  - iii) Log effect
  - iv) Appliance Door
8. **Commission the appliance**

See Commissioning section for details

# Installation Instructions

## Technical Specification

### PACKING CHECKLIST

Qty Description	Fixing Kit containing:
<b>Stone Chipping Effect Version:</b>	1 x Instruction Manual
1 x White Stone Chippings	4 x Wood Screws
	4 x Wall Plugs
	1 x Handset
<b>Log Version:</b>	4 x AA cell batteries
1 x Log Set	1 x 9v cell batteries
1 x Vermiculite	1 x Wall box
1 x Bag Embaglow material	1 x Wall plate
	1 x Battery holder
	1 x Foam seal

2

TO BE INSTALLED ONLY BY AN AUTHORISED PERSON  
TO BE INSTALLED ON A NON-COMBUSTABLE FLOOR



**DO NOT** OPERATE THIS APPLIANCE BEFORE READING THE INSTRUCTION BOOKLET

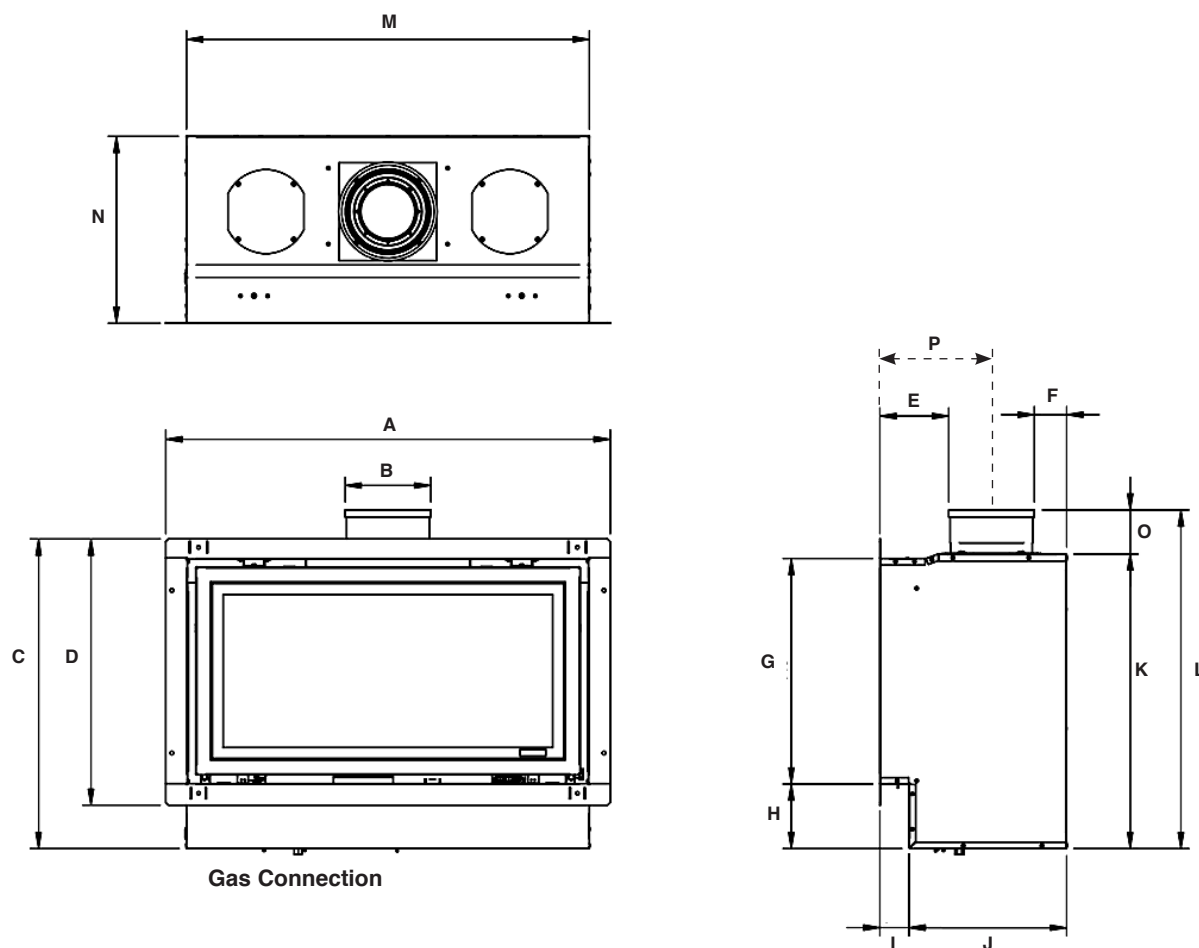
**DO NOT** PLACE ARTICLES ON OR AGAINST THIS APPLIANCE.

**DO NOT** STORE CHEMICALS OR FLAMMABLE MATERIALS, OR SPRAY AEROSOLS NEAR THIS APPLIANCE.

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

PR2048

3



Model	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Studio 1	820	158	571	491	127	60	416	119	54	291	543	624	745	345	81	206
Studio 2	1020	158	571	491	127	60	416	119	54	291	543	624	945	345	81	206
Studio 3	1410	158	571	491	127	60	416	119	54	291	543	624	1335	345	81	206

# Installation Instructions

## Technical Specification

Covering the following models:

STUDIO 1	STUDIO 2	STUDIO 3
8700BFCHENZ	8701BFCHENZ	8702BFCHENZ
P8700BFCHENZ	P8701BFCHENZ	P8702BFCHENZ

### Stone Chippings Versions

Model	Gas CAT.	Gas Type	Working Pressure	Aeration	Injector	Gas Rate m <sup>3</sup> /h	Input kW (Gross)		Country
							High	Low	
Studio 1	I <sub>2</sub> H	Natural (G20)	20mbar	16mm x 23mm	400	0.600	6.3	3.0	NZ
	I <sub>3</sub> B/P	LPG Butane (G30)	29mbar	16mm x 23mm (x2)	185	0.175	6.1	3.0	NZ
		LPG Propane (G31)							
Studio 2	I <sub>2</sub> H	Natural (G20)	20mbar	14mm x 16mm	600	0.800	8.4	4.3	NZ
	I <sub>3</sub> B/P	LPG Butane (G30)	29mbar	16mm x 23mm (x2)	225	0.209	7.3	4.0	NZ
		LPG Propane (G31)							
Studio 3	I <sub>2</sub> H	Natural (G20)	20mbar	LH 6mm x 6mm	440	0.858	9.0	5.2	NZ
				RH 6mm x 6mm					
	I <sub>3</sub> B/P	LPG Butane (G30)	29mbar	LH 16mm x 23mm (x2)	150	0.258	9.0	5.2	NZ
				LPG Propane (G31)					
Efficiency Class 2 - 81% / NO <sub>x</sub> Class 4									
Flue Outlet Size Ø 100mm									
Flue Inlet Size Ø 150mm									
Gas Inlet Connection Size Ø 8mm									

### RESTRICTOR REQUIREMENT (ALL MODELS)

VERTICAL & HORIZONTAL FLUE			TOP EXIT - VERTICAL ONLY INCLUDING OFFSET	
STUDIO 1 BF			STUDIO 1 BF	
Vertical Flue Height	Horizontal Length	Restrictor Size	Vertical Flue Height	Restrictor Size
200mm - 499mm	Up to 500mm	No restrictor	3000 - 4999mm	Ø 52mm
500mm - 999mm	Up to 1000mm	No restrictor	5000mm - 10,000mm	Ø 47mm
1000mm - 1499mm	Up to 1000mm	70mm Ø		
1500mm - 1999mm	Up to 5000mm	70mm Ø		
2000mm - 3000mm	Up to 5000mm	60mm Ø		
STUDIO 2 BF			STUDIO 2 BF	
700mm - 1499mm	Up to 1000mm	No restrictor	3000 - 4990mm	Ø 60mm
1500mm - 2499mm	Up to 5000mm	No restrictor	5000mm - 10,000mm	Ø 52mm
2500mm - 3000mm	Up to 5000mm	75mm Ø		
STUDIO 3 BF			STUDIO 3 BF	
1000mm - 1499mm	Up to 500mm	No restrictor	3000 - 4990mm	Ø 70mm
1500mm - 1999mm	Up to 1000mm	No restrictor	5000mm - 10,000mm	Ø 60mm
2500mm - 3000mm	Up to 5000mm	No restrictor		

# Installation Instructions

## Technical Specification

Covering the following models:

STUDIO 1	STUDIO 2	STUDIO 3
8700BFLECNZ	8701BFLECNZ	8702BFLECNZ
P8700BFLECNZ	P8701BFLECNZ	

### Log Versions

Model	Gas CAT.	Gas Type	Working Pressure	Aeration	Injector	Gas Rate m <sup>3</sup> /h	Input kW (Gross)		Country
							High	Low	
Studio 1	I <sub>2</sub> H	Natural (G20)	20mbar	8mm x 15mm	400	0.610	6.4	4.0	NZ
Studio 1	I <sub>3</sub> B/P	LPG Butane (G30)	29mbar	16mm x 23mm (x2)	185	0.180	6.3	4.0	NZ
		LPG Propane (G31)							
Studio 2	I <sub>2</sub> H	Natural (G20)	20mbar	10mm x 16mm	600	0.800	8.6	4.4	NZ
Studio 2	I <sub>3</sub> B/P	LPG Butane (G30)	29mbar	16mm x 23mm (x2)	150	0.229	8.0	4.4	NZ
		LPG Propane (G31)							
Studio 3	I <sub>2</sub> H	Natural (G20)	20mbar	LH 8mm x 15mm RH 8mm x 15mm	184	0.962	10.1	5.2	NZ
Efficiency Class 2 - 81% / NO <sub>x</sub> Class 4									
Flue Outlet Size Ø 150mm									
Flue Inlet Size Ø 100mm									
Gas Inlet Connection Size Ø 8mm									

SPECIFIC INFORMATION FOR NEW ZEALAND (ALL MODELS)							
STUDIO		1	2	3	1	2	3
Gas Type		Natural Gas			General Product LPG (Propane, Butane or mixture)		
Test Point Pressure		2kPa			2.75kPa		
Gas Input Rate	Stone Chippings	22.7 Mj/h	30.2 Mj/h	32.4 Mj/h	22.0 Mj/h	26.3 Mj/h	32.4 Mj/h
	Log	23.0 Mj/h	31.0 Mj/h	36.4 Mj/h	22.7 Mj/h	28.8 Mj/h	N/A
Max Supply Pressure		6kPa with external regulator			3.5kPa		
Design Standard		EN 613 : 2001					
Installation		This appliance must be installed in accordance with AS/NZS 5601:2013, the National Standard covering the Installation of gas appliances.					



Gas installation of this appliance must be in accordance with AS/NZS 5601.1-2013

# Installation Instructions

## Technical Specification

### Steel Fronts

Model	A	B	C	D	E
Studio 1	1264	528	646	320	27
Studio 2	1500	528	846	320	27
Studio 3	1990	528	1236	320	27

### Glass Fronts

Model	A	B	C	D	E
Studio 1	1264	528	650	324	29
Studio 2	1500	528	852	324	29
Studio 3	1990	528	1240	324	29

### Verve Fronts

Model	A	B	C	D	E
Studio 1	1264	528	650	324	53
Studio 2	1500	528	850	324	53
Studio 3	1990	528	1240	324	53

### Profil Fronts

Model	A	B	C	D	E
Studio 1	836	510	740	414	12.5
Studio 2	1036	510	940	414	12.5
Studio 3	1426	510	1330	414	12.5

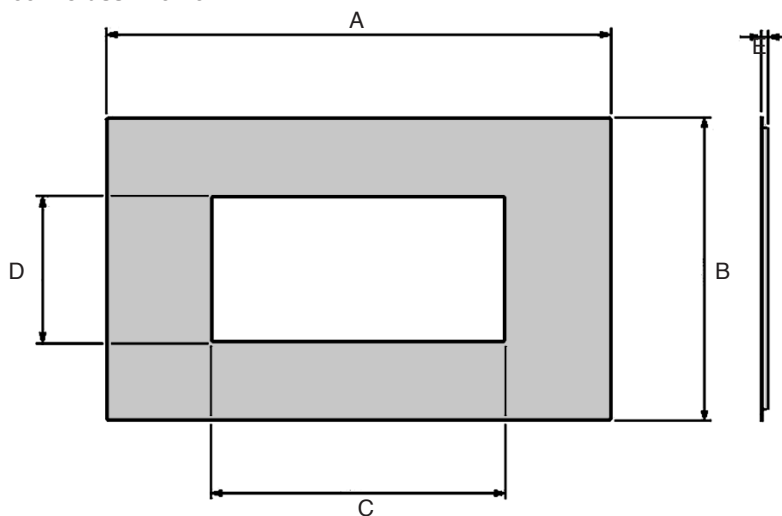
### Bauhaus Fronts

Model	A	B	C	D	E
Studio 1	850	524	740	414	28
Studio 2	1050	524	940	414	28
Studio 3	1440	524	1330	414	28

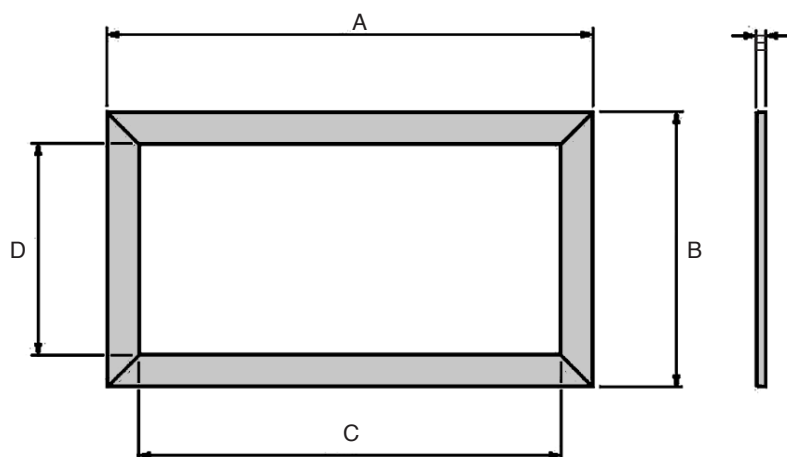
### Expression Frame

Model	A	B	C	D	E
Studio 1	940	614	740	414	40
Studio 2	1140	614	940	414	40
Studio 3	1530	614	1330	414	40

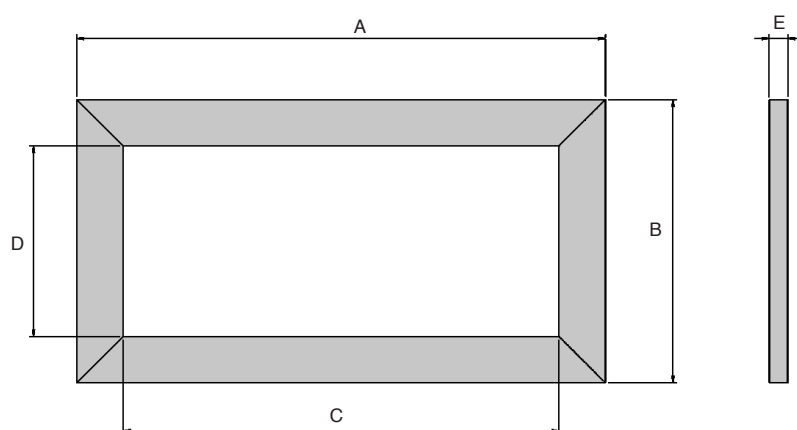
### Steel / Glass / Verve



### Profil/ Bauhaus



### Expression





# Installation Instructions

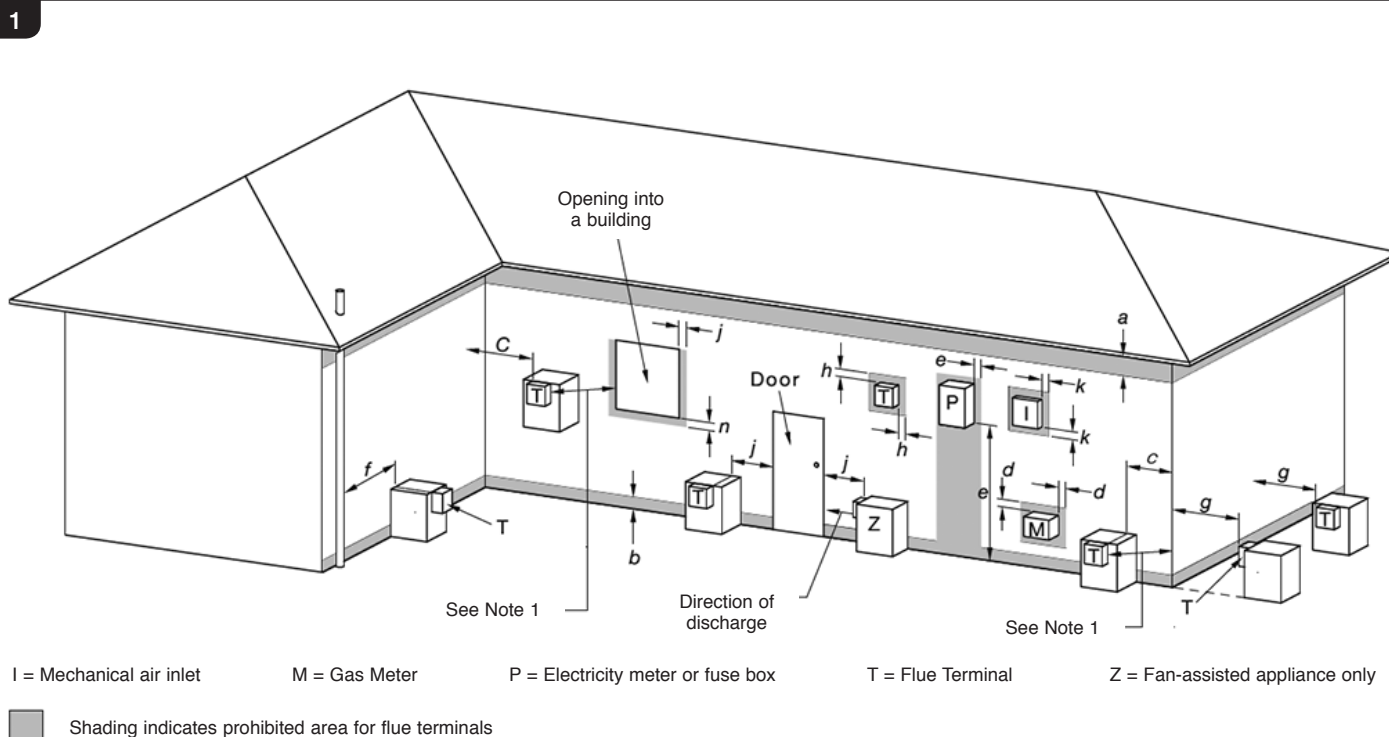
## Site Requirements

### 1. Flue & Chimney Requirements

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

You must adhere to the following:

- 1.1 The flue must be sited in accordance with the rules in force and comply with all local and National regulations, see Diagram 1.
- 1.2 Fit a guard to protect people from any terminal less than 2 metres above any access such as level ground, a balcony or above a flat roof.
- 1.3 All vertical and horizontal flues must be securely fixed and fire precautions followed in accordance with local and national codes of practice.
- 1.4 A restrictor may be required, see Technical Specifications on Page 6 & 7.
- 1.5 Two types of flue terminals are available, horizontal and vertical.
- 1.6 To measure for a horizontal terminal decide on the terminal position.
- 1.7 Measure the height from the top of the appliance to the centre of the required outlet.
- 1.8 For minimum and maximum flue dimensions, see Diagrams 2A.
- 1.9 Allow enough room either above or to the side of the appliance to assemble the flue on top.
- 1.10 Assemble a horizontal flue in the following order:
  - Vertical section
  - 90° elbow
  - Horizontal plus terminal
- 1.11 Support the opening of a masonry installation with a lintel.
- 1.12 Only the horizontal terminal section can be reduced in size.



# Installation Instructions

## Site Requirements

Minimum clearances required for the flue terminals showing in Diagram 1 on page 9.

Ref	Item	Minimum clearances (mm)
		Natural Draught
a	Below eaves, balconies and other projections: Gas appliances up to 50 MJ/h	300
b	From the ground, above a balcony or other surface	300
c	From a return wall or external corner	500
d	From a gas meter (M)	1000
e	From an electricity meter or fuse box (P) †	500
f	From a drain pipe or soil pipe	150
g	Horizontally from any building structure or obstruction facing a terminal	500
h	From any other flue terminal, cowl, or combustion air intake	500
j	Horizontally from an openable window, door, non-mechanical air inlet, or any other opening into a building with the exception of sub-floor ventilation: Gas appliances up to 150 MJ/h input	500
k	From a mechanical air inlet, including a spa blower	1500
n	Vertically below a openable window, non-mechanical air inlet or any other opening into a building with the exception of sub-floor ventilation: Space heaters up to 50 MJ/h input	150

† Prohibited area below electricity meter or fuse box extends to ground level,

### NOTE:

- (1) Where dimensions c, j or k cannot be achieved an equivalent horizontal distance measured diagonally from the nearest discharge point of the terminal to the opening may be deemed by the Technical Regulator to comply.

## Flue Clearances

### Minimum Flue Clearances to Combustibles

To the sides and undersides: 25mm

Above the flue: 75mm

# Installation Instructions

## Site Requirements

## 2. Flue Options

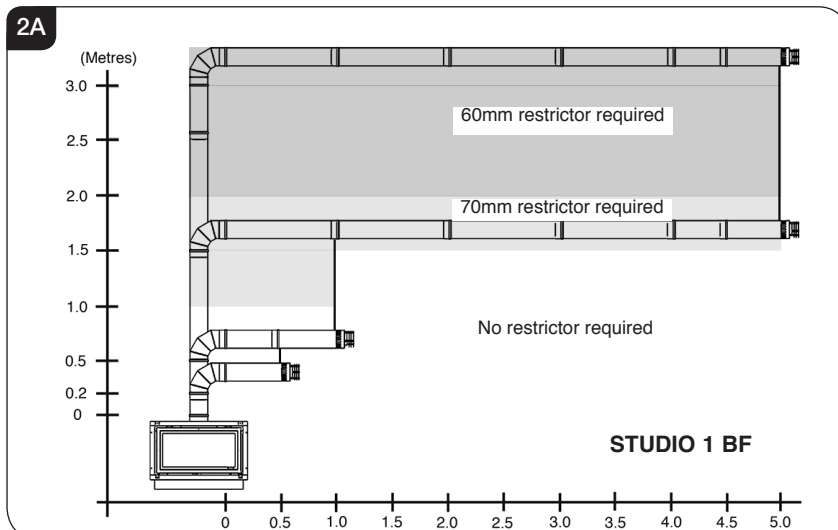
### 2A. Top Flue Up and Out Kit

2.1 The basic kit comprises:

#### STUDIO 1 BF (8534)

- 1 x 200mm vertical length
- 1 x 500mm terminal length (cut to length on site)
- 1 x 90° elbow
- 1 x wall plate
- 1 x 70mm restrictor
- 1 x 60mm restrictor

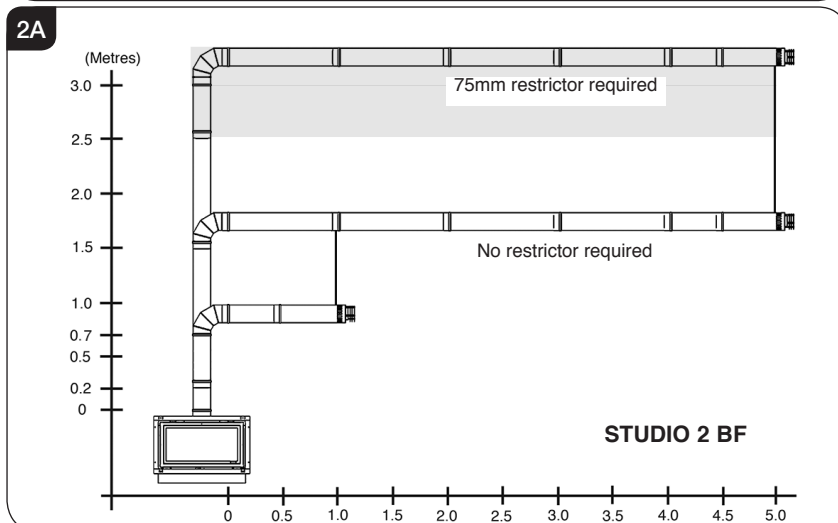
Start of bend to centre line of horizontal flue 170mm. Centre line of vertical flue to end of bend 220mm. Vertical from the top of the appliance then horizontally out, see Diagram 2A.



#### STUDIO 2 BF (8509)

- 1 x 200mm vertical length
- 1 x 500mm vertical length
- 1 x 500mm terminal length (cut to length on site)
- 1 x 90° elbow
- 1 x wall plate
- 1 x 75mm restrictor

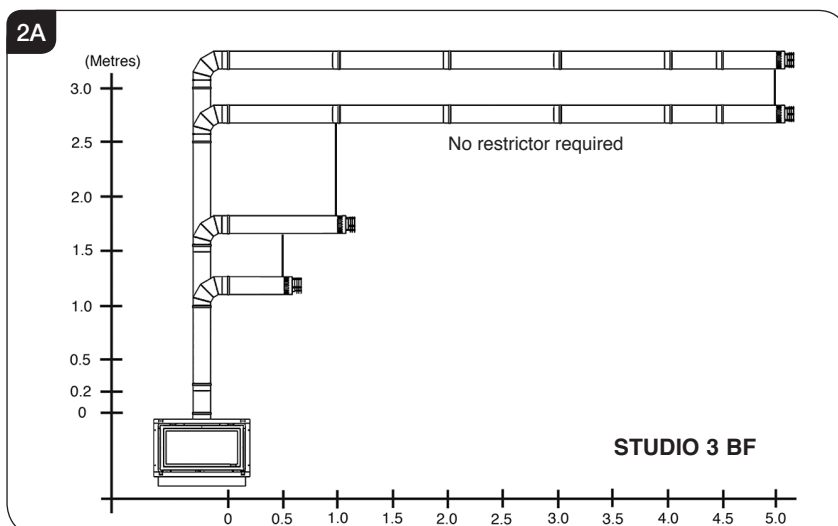
The kit may be used on its own. (Note – STUDIO 1 BF with a 200mm rise only the 500mm terminal length can be used). Extra lengths may be added to the vertical and horizontal from the table, see Section over page.



#### STUDIO 3 BF (8567)

- 1 x 1000mm vertical length
- 1 x 500mm terminal length (cut to length on site)
- 1 x 90° elbow
- 1 x wall plate

The kit may be used on its own. (Note – STUDIO 1 BF with a 200mm rise only the 500mm terminal length can be used). Extra lengths may be added to the vertical and horizontal from the table, see Section over page.



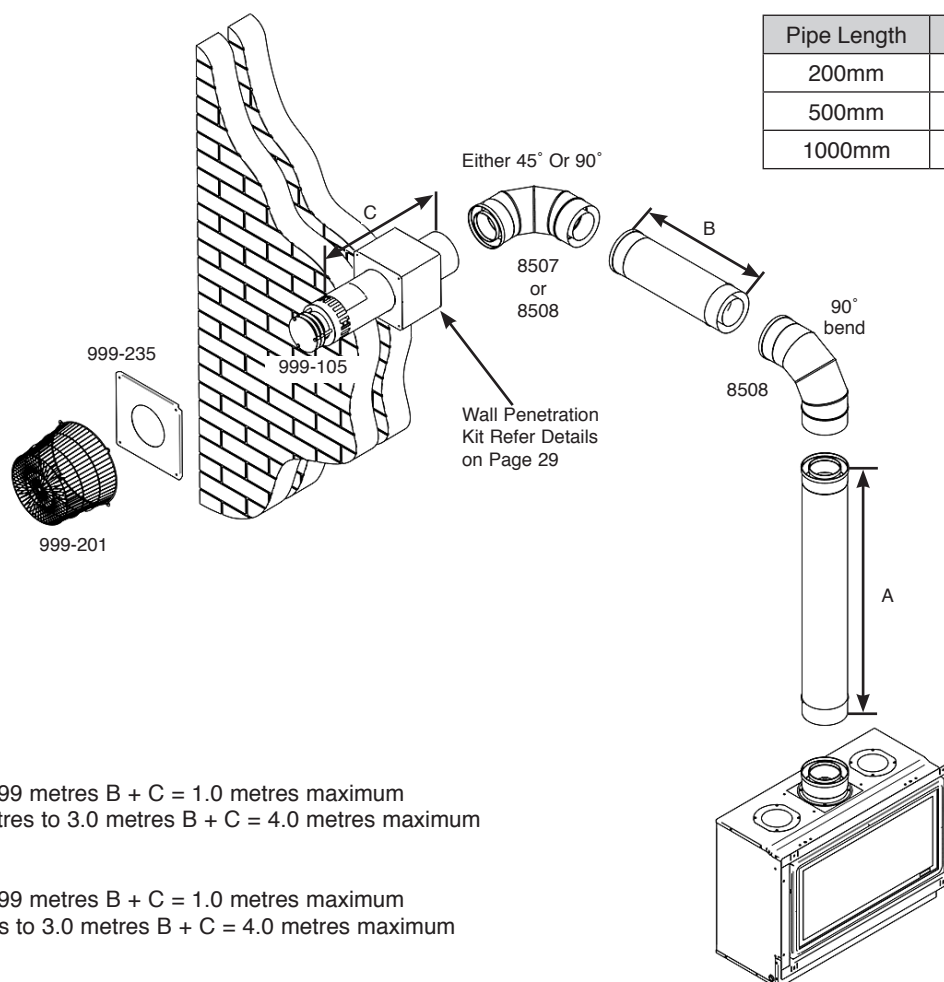
# Installation Instructions

## Site Requirements

### 2B. Top Flue Up and Out with Additional Bend

2.2 An additional bend may be used on the horizontal section (either 45° or 90°), but the overall horizontal flue run will be reduced, see Diagram 2B.

2B



#### Studio 1 & 2

When A = 1.0 to 1.499 metres B + C = 1.0 metres maximum

When A = 1.499 metres to 3.0 metres B + C = 4.0 metres maximum

#### Studio 3

When A = 1.5 to 2.499 metres B + C = 1.0 metres maximum

When A = 2.5 metres to 3.0 metres B + C = 4.0 metres maximum

## Optional Extra Flue Lengths and Bends

All flue components are 150mm diameter (6")

NOMINAL LENGTH	ACTUAL LENGTH	STAINLESS FINISH
200mm	140mm	8527
500mm	440mm	8528
1000mm	940mm	8529
40° Bend	N/A	8507
90° Bend	N/A	8508

**NOTE - Carefully consider:**

- a) Terminal positions
- b) Flue supports
- c) Weatherproofing
- d) Fire precautions

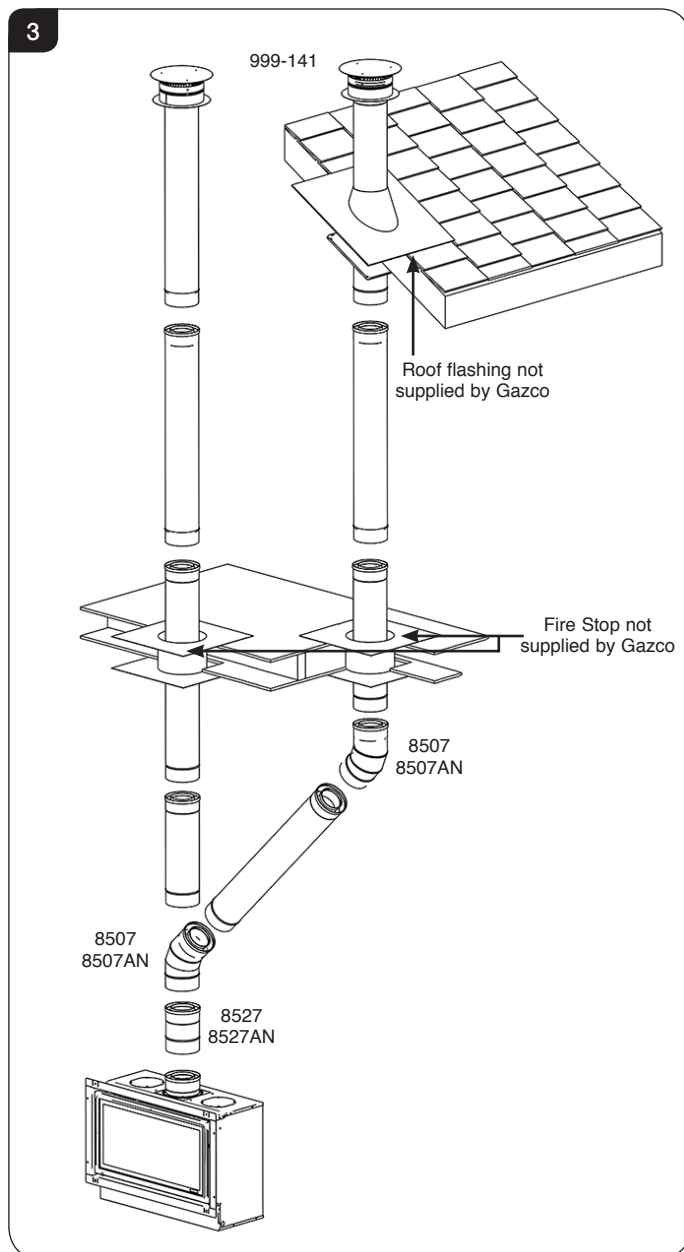
**For all the above options, you must conform to local and national codes of practice.**

# Installation Instructions

## Site Requirements

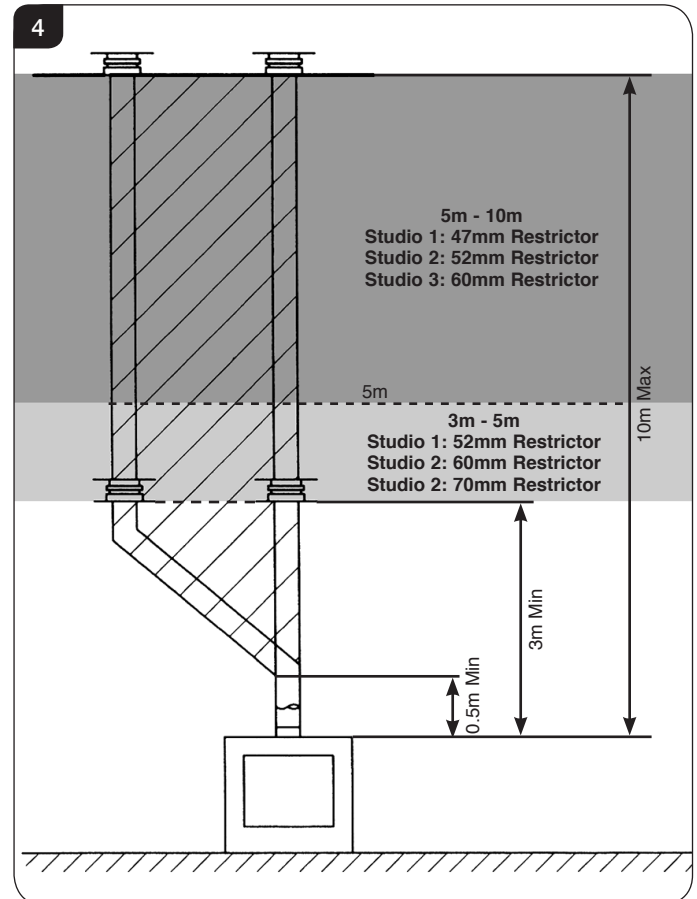
### 2C. Top Flue Vertical Kit (8524)

- 2.3 Vertical from the top of the appliance, see Diagram 3.  
A minimum vertical rise 3m (9'10") to a maximum 10m (32'10"). The basic kit comprises:
- 2 x 1m lengths
  - 1 x 1m terminal length
  - 1 x 52mm restrictor
  - 1 x 47mm restrictor
  - 1 x 60mm restrictor
  - 1 x 70mm restrictor
- Extra lengths may be added from the table, see Page 12.



### 2D. Top Flue Vertical Offset Kit (8530)

- 2.4 Used with kit 8524. A minimum rise of 500mm (19½") is required to the first bend, see Diagram 4.



Pipe Length	Stainless Steel Finish
200mm	8527
500mm	8528
1000mm	8529

**i** **Note:** Vertical Terminations can only use a maximum of 2 x 45° bends where offsets are required. DO NOT use 90° bends.

# Installation Instructions

## Site Requirements

### 3. Gas Supply

**IMPORTANT: ALL NATURAL GAS FIRE INSTALLATIONS IN NEW ZEALAND MUST HAVE A REGULATOR FITTED UPSTREAM FROM THE APPLIANCE. THE REGULATOR MUST BE FITTED IN A SUITABLE LOCATION FOR SERVICING.**

- 3.1 Before installation, ensure that the local distribution conditions (identification of the type of gas and pressure) and the adjustment of the appliance are compatible.
- 3.2 Ensure the gas supply delivers the required amount of gas and is in accordance with the rules in force and specifications.
- 3.3 Soft copper tubing can be used 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 before 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

- 4.1 This appliance has its own dedicated air supply through the flue system and requires no additional ventilation. The cavity housing the appliance must be ventilated to prevent a build up of heat. Refer to Section 7.4 (Page 15) for details.

### 5. Appliance Location

- 5.1 Please note this appliance has been primarily designed for studwork applications. However, there are circumstances where one of the kits could be used on a block or brickwork fireplace using different methods and materials for the final effect.

**The three methods of studwork installation are:**

- 1. **Decorative Frame** - Timber framing details for the Studio with a selected Decorative Frame.
- 2. **Edge** - Framing details for the Studio with additional Studio Edge kit (without frame).
- 3. **Cool Wall** - Framing details for the Studio with the additional Studio Cool Wall kit with Edge Plus Frame finish.

- 5.2 This appliance must stand on a Non-Combustible platform that is at least 12mm thick.

### 6. List of Approved Material for Studwork installation

**The following is a list of approved Non-Combustible Material, tested to AS1530.1 or AS/NZS1530.3, and classed as Fire Resistant by for use in the construction lining of a studwork frame out:**

9mm Villaboard (Restricted use only for internal frame out linings and for Cool Wall kits as shown elsewhere)  
 9mm Promina Board  
 12mm - 20mm Promatect H  
 12mm - 20mm Eterpan LD  
 12mm Supalux

It is essential to maintain the correct distances to Combustible material when constructing a studwork frame out.

- 7.1 DISTANCE TO COMBUSTIBLE MATERIAL**  
COMBUSTIBLE PARTS OF THE STUDWORK MUST BE KEPT BEYOND THE MINIMUM DIMENSIONS SHOWN IN DIAGRAM 5. EVEN IF THE FRAMEWORK IS PROTECTED BY NON-COMBUSTIBLE MATERIAL, THESE DIMENSIONS MUST BE MAINTAINED, SEE DIAGRAM 5.
- 7.2 DISTANCE TO NON-COMBUSTIBLE OR COMBUSTIBLE MATERIAL ON STUDIO 3 ONLY**  
TO CREATE ENOUGH CLEARANCE FOR THE TOP VENTS TO OPEN ON THE STUDIO 3 IT IS IMPORTANT THAT NO PART OF THE STUDWORK, (COMBUSTIBLE OR NOT) IS BUILT WITHIN 400MM OF THE TOP OF THE BOX.
- 7.3 ALL MODELS**  
DO NOT PACK THE VOID AROUND OR ABOVE THE APPLIANCE WITH INSULATION MATERIALS SUCH AS MINERAL WOOL.
- 7.4** 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 - SEE INDIVIDUAL INSTALLATION REQUIREMENTS. THESE VENTS MUST TAKE COLD AIR FROM THE ROOM AND RETURN WARM AIR BACK INTO THE ROOM.

- 7.5 AN ACCESS HATCH MUST BE LEFT IN THE SIDE OF THE CHIMNEY BREAST FOR FUTURE SERVICING AND INSPECTION OF THE FLUE AND APPLIANCE.**
- 7.6** A combustible shelf must be:
- Maximum 150mm in depth from the front of the appliance.
  - Minimum 400mm high above the appliance.
- A combustible side wall must be a minimum of 150mm from the appliance.
- 7.7** This appliance can be installed with an up and out flue (vertical wall - horizontal flue) or with a vertical flue with roof termination, see Site Requirements, Section 2, Flue Options.
- 7.8** This appliance is not suitable for installation onto a combustible wall. Remove all combustible material from the area shown. see Diagram 5.

The image contains two technical drawings of a fireplace surround, labeled (a) and (b).

**Drawing (a) - Front Elevation:** This drawing shows the front view of the fireplace surround. It features a central opening with a decorative frame. The top of the surround is labeled "Non-Combustible Board". The sides are labeled "Studwork". Dimensions include a top width of 25, a top height of 50 min, a side width of 50 min, and a bottom width of 150. A "Decorative Frame Support Bar" is shown checked into the side studs.

**Drawing (b) - Side Elevation:** This drawing shows the side view of the fireplace surround. It features a decorative frame. The top is labeled "Decorative Frame Support Bar checked into side studs". Dimensions include a top width of 150, a top height of 400, and a side width of 50. A "Decorative Frame Support Bar" is shown checked into the side studs.

**Legend:** A shaded gray area is labeled "No Combustible Materials in this area".

# Installation Instructions

## 1. Safety Precautions

- 1.1 For your own and other's safety, you must install this appliance according to local and national codes of practice. Failure to install the appliance correctly could lead to prosecution. **Read these instructions before installing and using this appliance.**
- 1.2 These instructions must be left intact with the user.
- 1.3 Do not attempt to burn rubbish on this appliance.
- 1.4 Keep all plastic bags away from young children.
- 1.5 Do not place any object on or near to the appliance and allow adequate clearance above the appliance.

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

**i** **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, SEE PAGES 6 & 7.**

**FOR DETAILS OF CHANGING BETWEEN GAS TYPES REFER TO SERVICING INSTRUCTIONS, SECTION 18, REPLACING PARTS.**

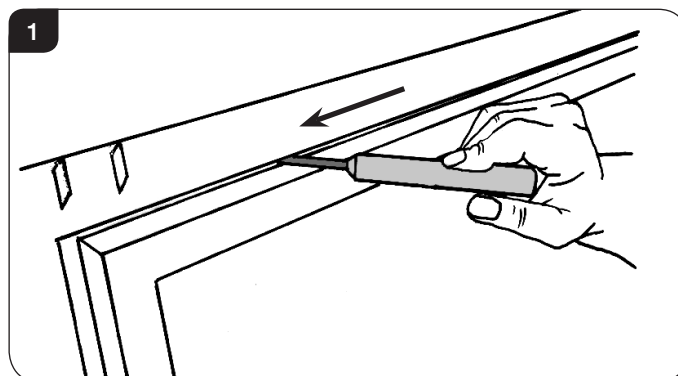
## Unpacking

- 1.6 Remove the appliance from its packaging, and check that it is complete and undamaged.  
  
Put the loose parts to one side so that they are not damaged during installation.

## 2. Installation of the Appliance

**i** **THERE IS AN OPTIONAL WARM AIR DUCTING KIT, CODE No. 8572 WHICH CAN BE FITTED AT THE SAME TIME AS THE APPLIANCE INSTALLATION.**

- 2.1 To open the glass door, use the hexagon key provided:
- 2.2 Release the window locks moving each from shut to open towards the outer edge of the glass door, see Diagram 1.



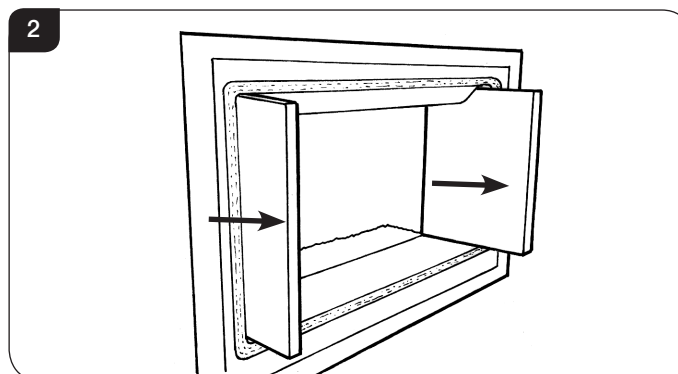
- 2.3 Remove the box from the appliance and store safely as it contains the remote control and fuel effects, etc.
- 2.4 Remove all the liners where necessary.

## Enamel Liners

The Enamel Liners for all appliances are already in place. The rear panels on Studio 1 and 3 can remain in place.

To remove the liners:

- 2.5 Slide the side panels forward until clear of the appliance, see Diagram 2.



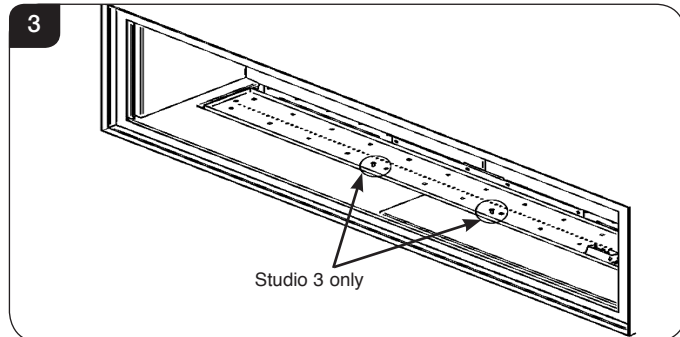
- 2.6 Pull the bottom panel forward and out of the appliance.



# Installation Instructions

## STUDIO 3 BF ONLY

- 2.7 Undo each screw on the left and right front of the burner tray, see Diagram 3.

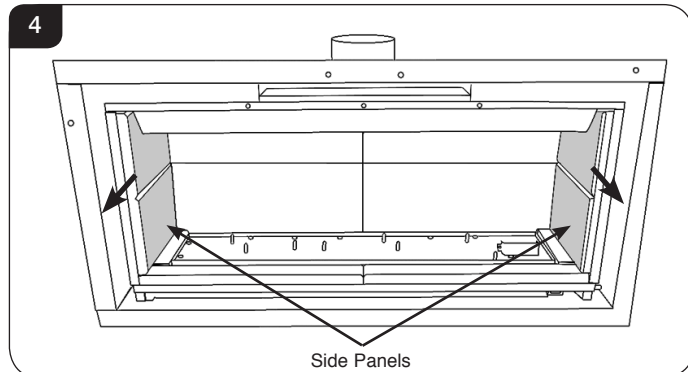


## Vermiculite/Black Reeded Liners

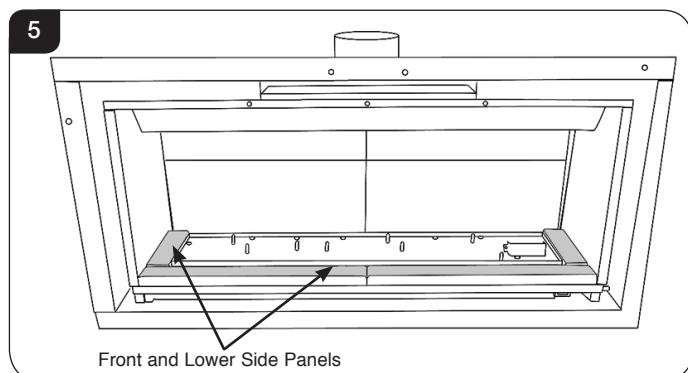
- 2.8 The Studio 1 & 2 Liners are packed separately and do not need to be removed.

### Studio 3 only

- 2.9 The Studio 3 is supplied with all the Liner panels in place. The rear liner can remain in the appliance during installation.
- 2.10 Slide the side panels forward to remove, see Diagram 4.



- 2.11 Remove the front and side lower panels, see Diagram 5.



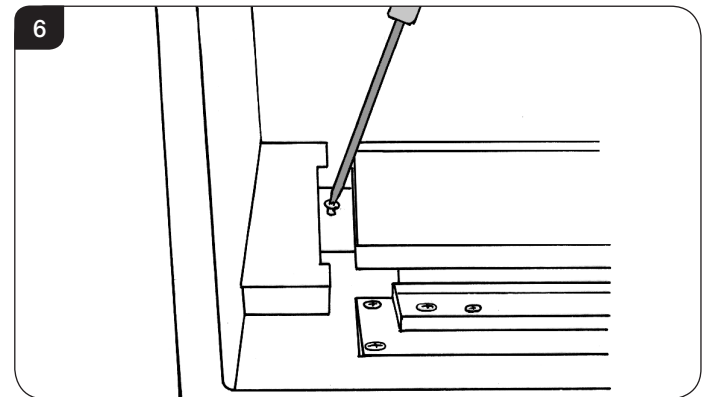
**The rear liners are held in place by a bracket. This must be removed before the panels can be removed.**

- 2.12 Remove the main burner.

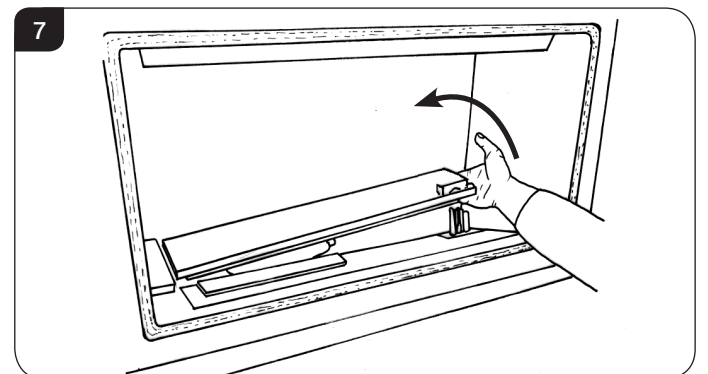
## Removing the Main Burner

To remove the main burner:

- 2.13 Remove the burner securing screw from the left side of the burner, see Diagram 6.



- 2.14 Slide the burner fully to the left and lift the right side clear of the pilot, see Diagram 7.



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

- 2.16 The Access Panel can now be reached when the gas supply needs to be connected.

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

- 1) FOR STUDIO WITH A DECORATIVE FRAME, SEE SECTION 3.
- 2) FOR AN INSTALLATION WHERE THE STUDIO SITS FLUSH TO THE FINISHED 'EDGE' OF THE WALL, SEE SECTION 4.
- 3) FOR A FURTHER 'EDGE' INSTALLATION PROVIDING A COOL WALL ABOVE THE APPLIANCE TO ALLOW CUSTOMERS TO HANG PICTURES ETC. SEE SECTION 5.

# Installation Instructions

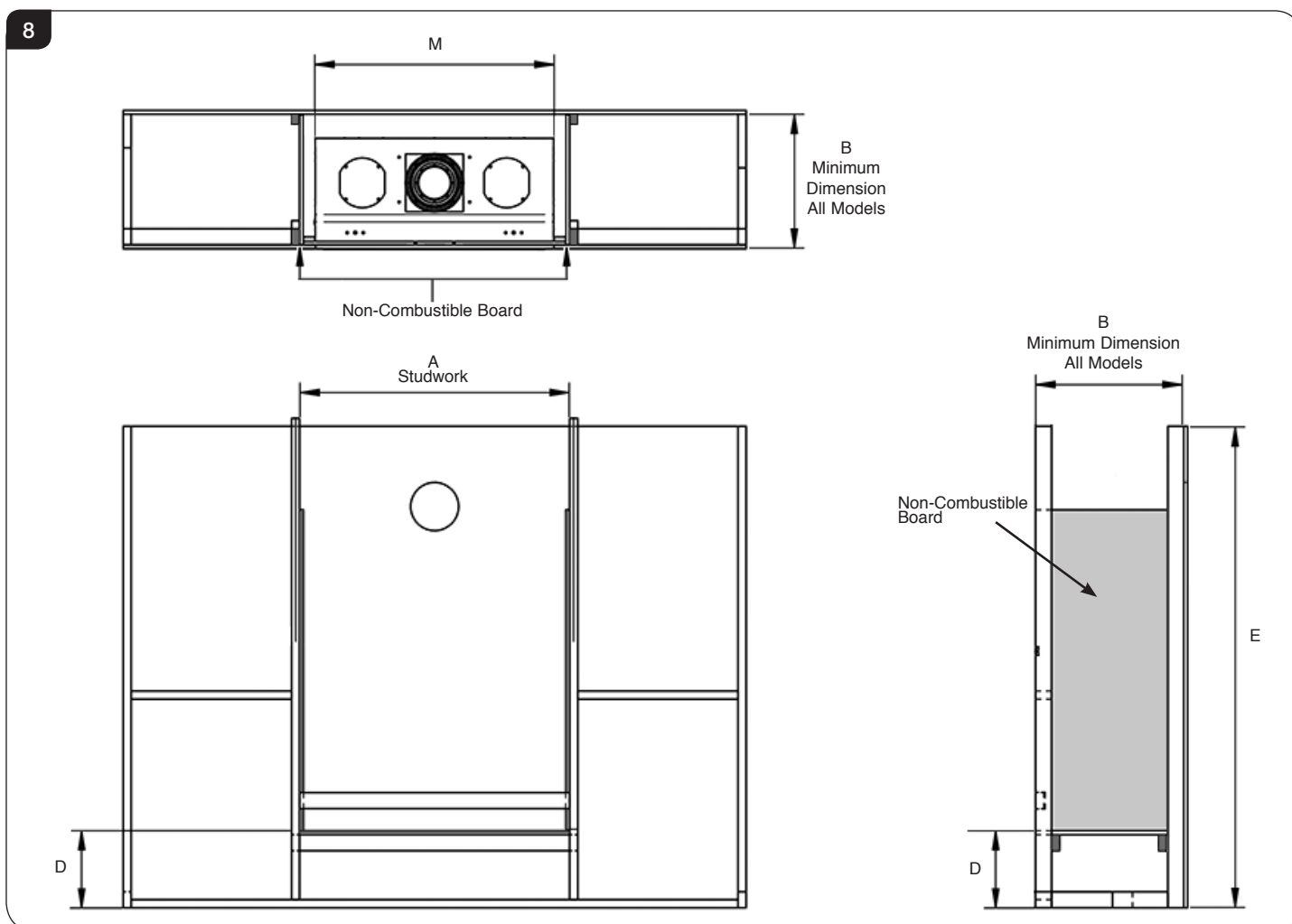
## 3. Studwork Installation for Studio with frames

### 3.1 BUILD THE STUDWORK CHIMNEY BREAST AND ENCLOSURES TO THE SPECIFICATIONS ON PAGE 18 & 19.

- The appliance can be installed in a timber frame out.
  - The following details are the absolute minimum required based on using 90 x 45 framing.
  - The following dimensions are based on wall finishing using Non-combustible board.
- If using tiles, stonework or similar provision must be made for the minimum clearances required.

**Note:**

These dimensions are for a studwork frame out used in conjunction with a decorative frame.  
For Edge and Cool Wall dimension fitting requirements see Installation Sections 4 or 5.



Model	A	B	M	D	E
Studio 1	845	395	745	150	939
Studio 2	1045	395	945	150	939
Studio 3	1435	395	1335	150	939



This appliance is NOT suitable for installation into a combustible wall. Remove all combustible material from the area shown, see Diagram 5, Page 15.

No part of the stud work must be built within 400mm of the top and 50mm to the sides of the firebox.

If the fascia of the fireplace is to be constructed from natural materials (stone) it is recommended that this is laid in 3 or more sections along the top edge to prevent cracking. It is recommended for such finishes that an Edge kit be used to aid the alignment around the front face of the appliance.

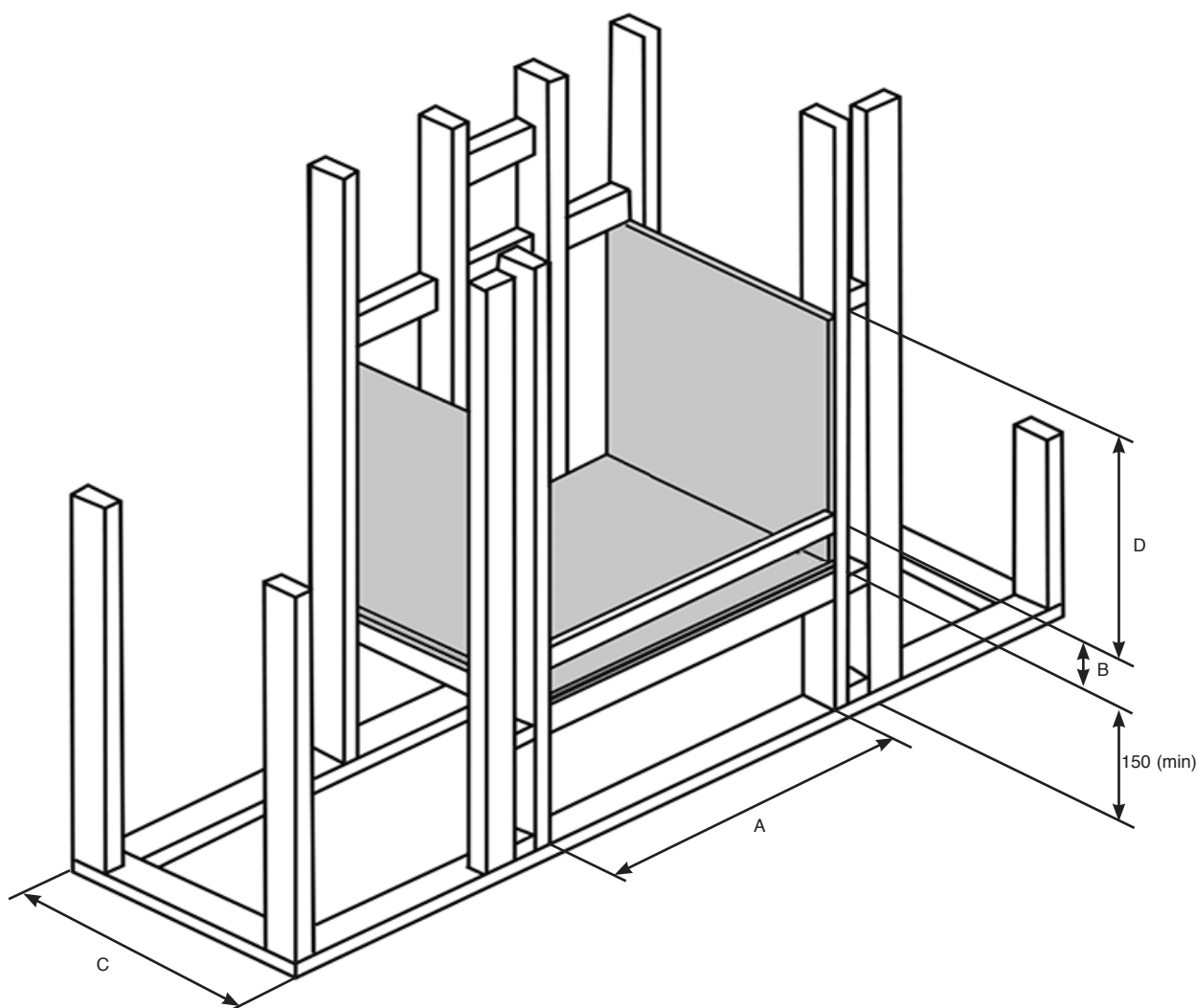
# Installation Instructions

## Studwork Installation for Studio with frames continued

**IMPORTANT:** The cavity into which the Studio is fitted must be ventilated to prevent a build up of heat. If the cavity is sealed then it will be necessary to fit vents of approximately 50cm<sup>2</sup> each at both low and high levels. These vents should take cold air from the room and return warm air back into the room.

- 3.2 Line the inside cavity for the unit with Non-combustible board as shown in Diagram 9.  
**IMPORTANT: Non-Combustible Board MUST be used (see Approved Materials list - Page 14) or board that meets AS1530.1 or ASNZS1530.3 definition for Non-Combustible Material.**

9



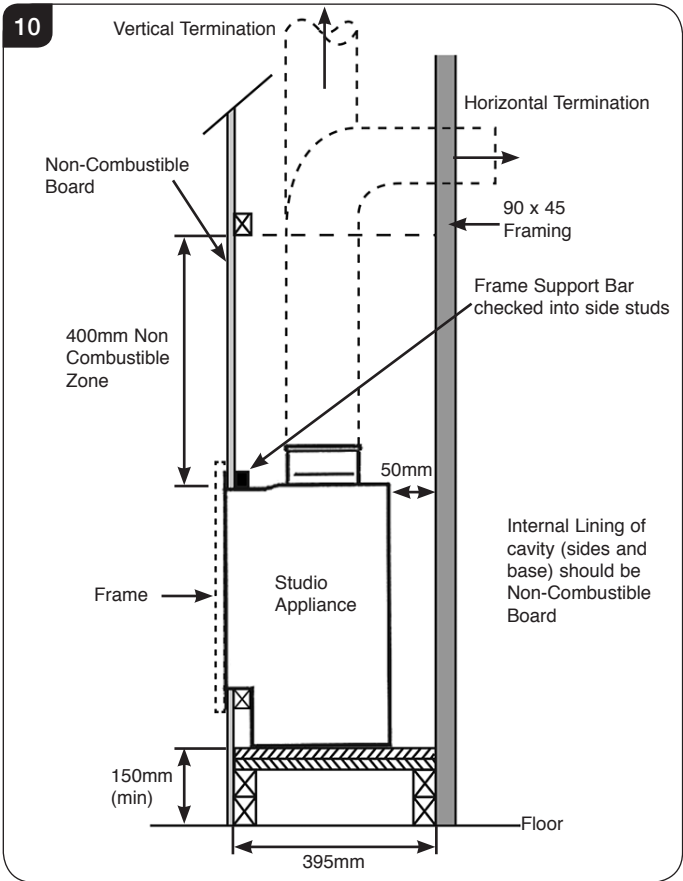
Minimum Framing Trim Out Dimensions for Studio Frames

Model	A	B	C	D
Studio 1	845	119	395	820
Studio 2	1045	119	395	820
Studio 3	1435	119	395	820

**IMPORTANT:** This appliance must stand on a Non-Combustible floor platform that is at least 12mm thick. It is acceptable to use 2 x 9mm pieces of Non Combustible Board but dimension B must be measured from the top board as shown in Diagram 9.

# Installation Instructions

- 3.3 Site the appliance and decide on flue requirements, see Diagram 10.
- 3.4 Cut a hole for the flue exit.

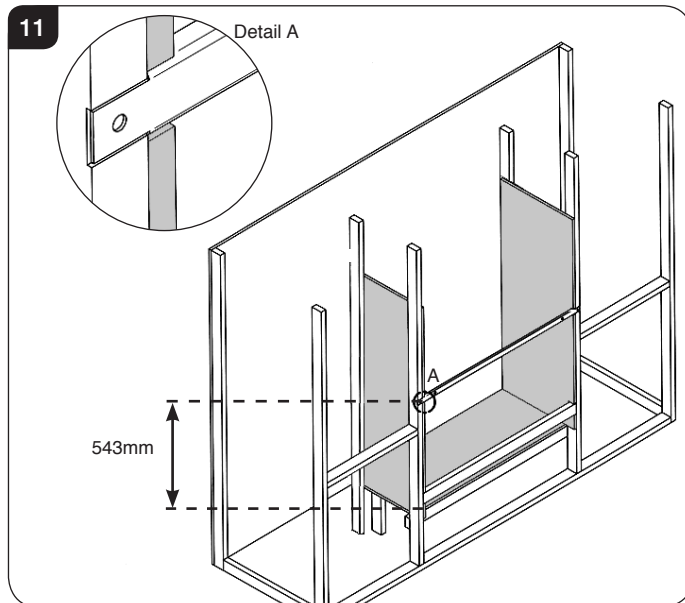


- 3.5 Provide gas and electric services into the cassette void on the left-hand side.

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

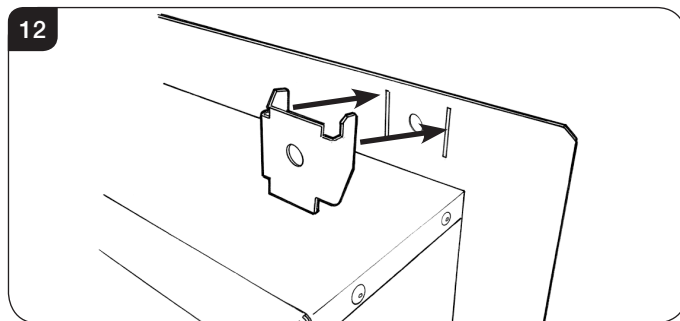
- 3.6 Mark out the position to fit the supplied top support bar into the studwork at a height of 543mm from the base level.

**This bar needs to be recessed into the studwork, see Diagram 11.**

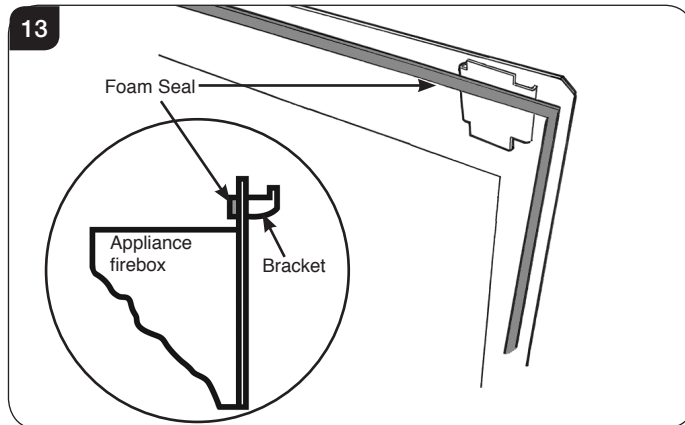


Before placing the appliance in the studwork:

- 3.7 Attach the 4 x frame fixing brackets to the appliance, see Diagram 12.



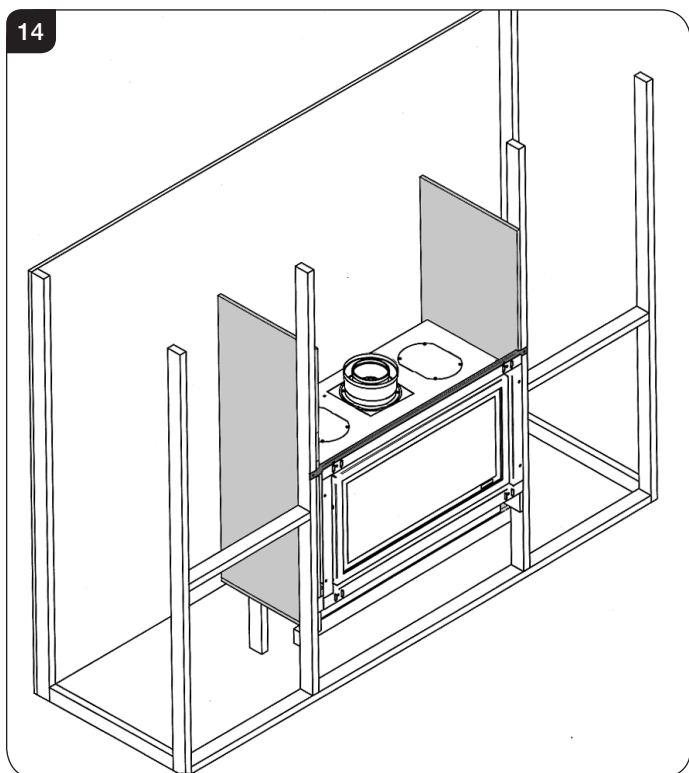
- 3.8 Fix foam seal to the rear of the outer flange of the appliance, see Diagram 13.



- 3.9 Position the appliance on the platform.

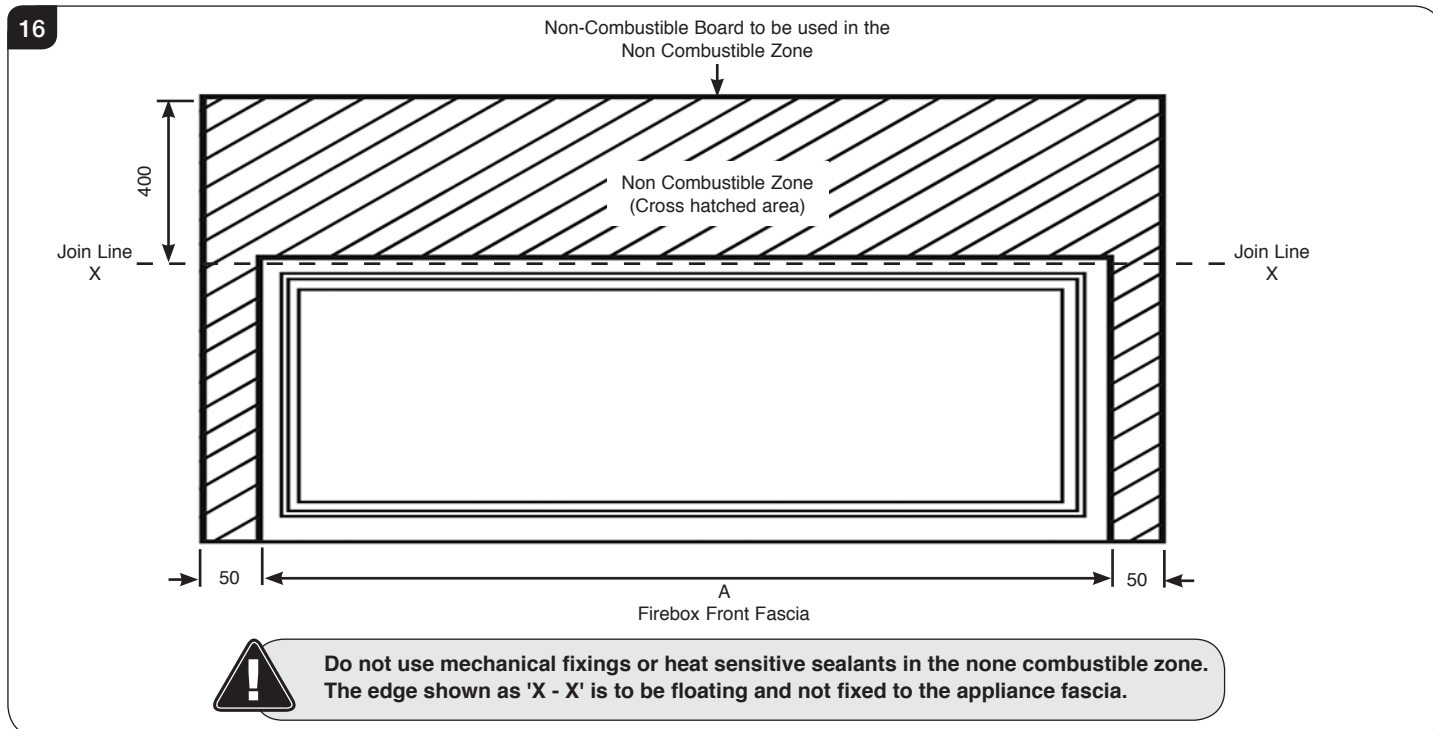
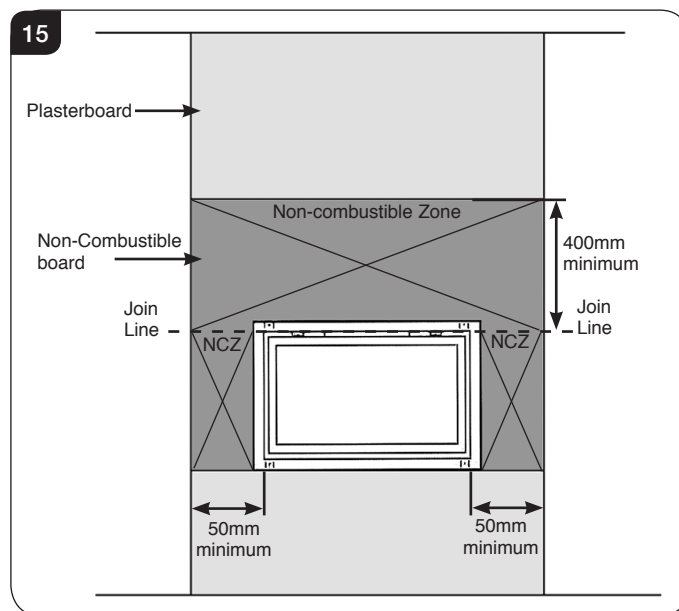
# Installation Instructions

- 3.10 Fit the support bar into the recessed cutouts in the studwork, see Diagram 14.



- 3.11 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), see Diagram 15.

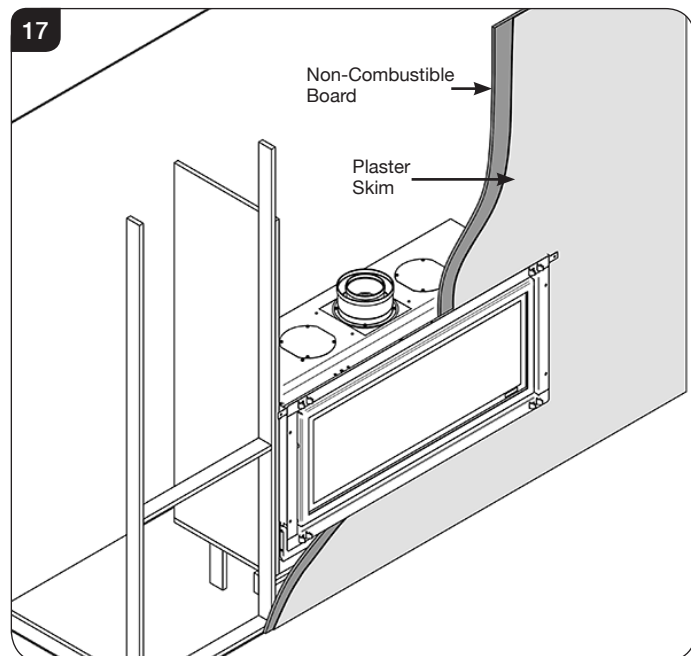
- 3.12 Apply plasterboard to the remainder of the studwork.



# Installation Instructions

3.13 Secure the back of the appliance to the studwork using 4 screws through flange, bracket and support bar.

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



**i** For finishes other than Decorative Frames (eg Marble or tiles) use an Edge kit as detailed in Section 4.

Ensure any Marble, tile or stonework finish has joint breaks in the 400mm Non-combustible Zone above the appliance to minimise the risk of heat cracking.

To finish this installation:

3.15 Connect the wall box and batteries following the instructions in Section 6.

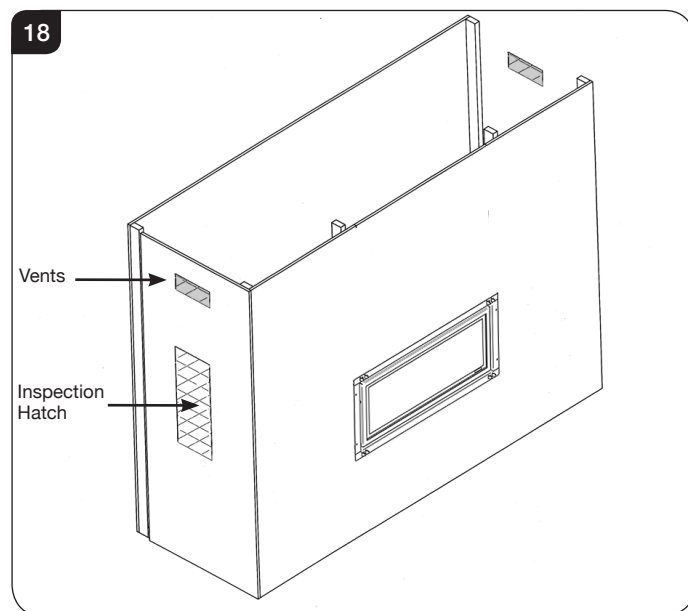
**An access hatch should be left in the side of the chimney breast for future servicing and inspection of the flue and appliance.**

3.16 Connect:

- The flue system, see Installation, Section 7.
- Gas services, see Installation, Section 2.

After commissioning:

3.17 Finish the sides of the chimney breast, see Diagram 18.



3.18 Attach the decorative frame.

# Installation Instructions

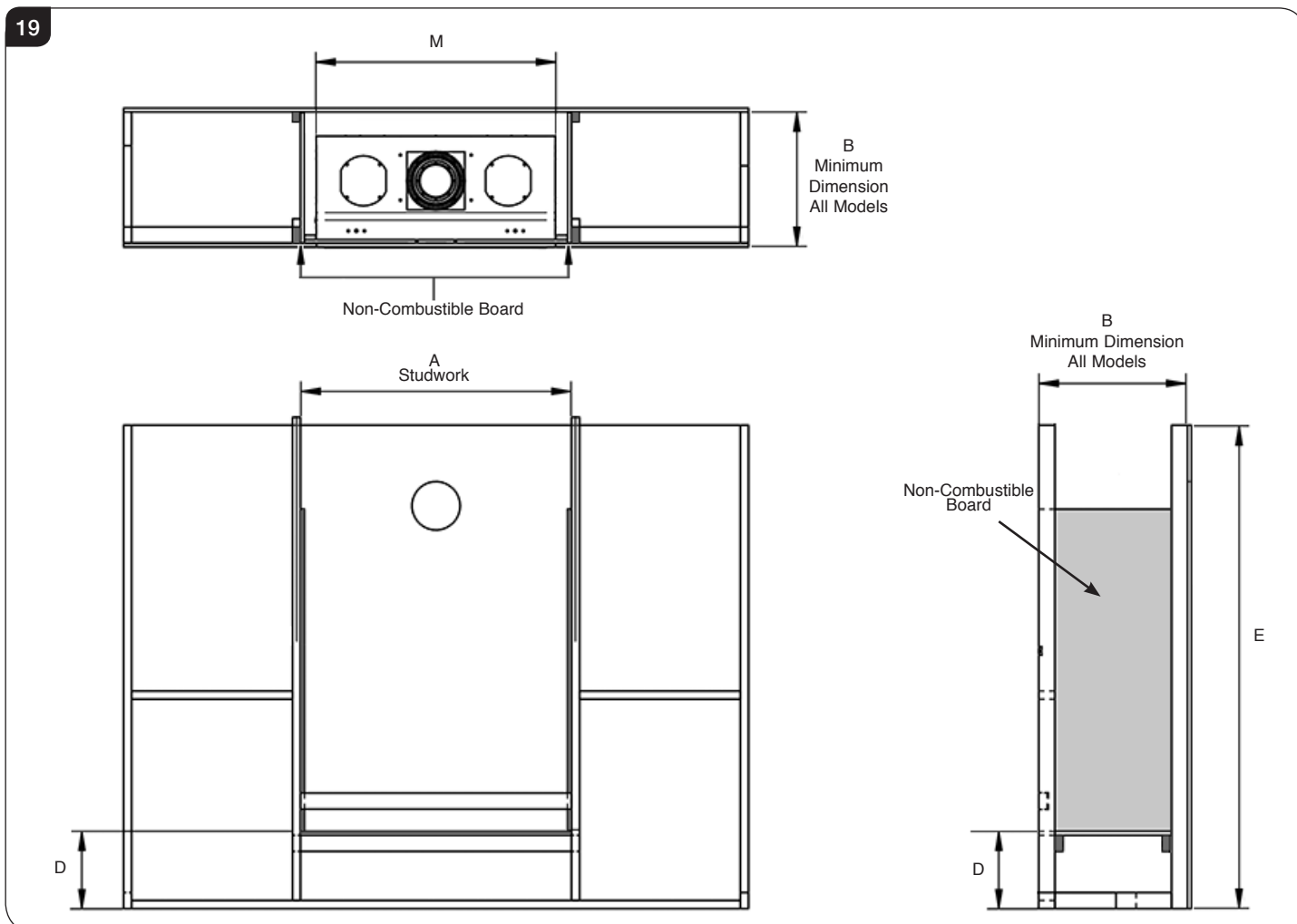
## 4. Studwork Installation for Studio with Edge Kit

### 4.1 BUILD THE STUDWORK CHIMNEY BREAST AND ENCLOSURES TO THE SPECIFICATIONS ON PAGE 23 & 24.

- The appliance can be installed in a timber frame out.
  - The following details are the absolute minimum required based on using 90 x 45 framing.
  - The following dimensions are based on wall finishing using Non-combustible board.
- If using tiles, stonework or similar provision must be made for the minimum clearances required.

**Note:**

These dimensions are for a studwork frame out used in conjunction with an Edge Frame kit.  
For Decorative Frame and Cool Wall kit requirements see Installation Sections 3 or 5.



Model	A	B	M	D	E
Studio 1	845	395	745	150	939
Studio 2	1045	395	945	150	939
Studio 3	1435	395	1335	150	939

# Installation Instructions

## Studwork Installation for Studio with Edge Kit continued

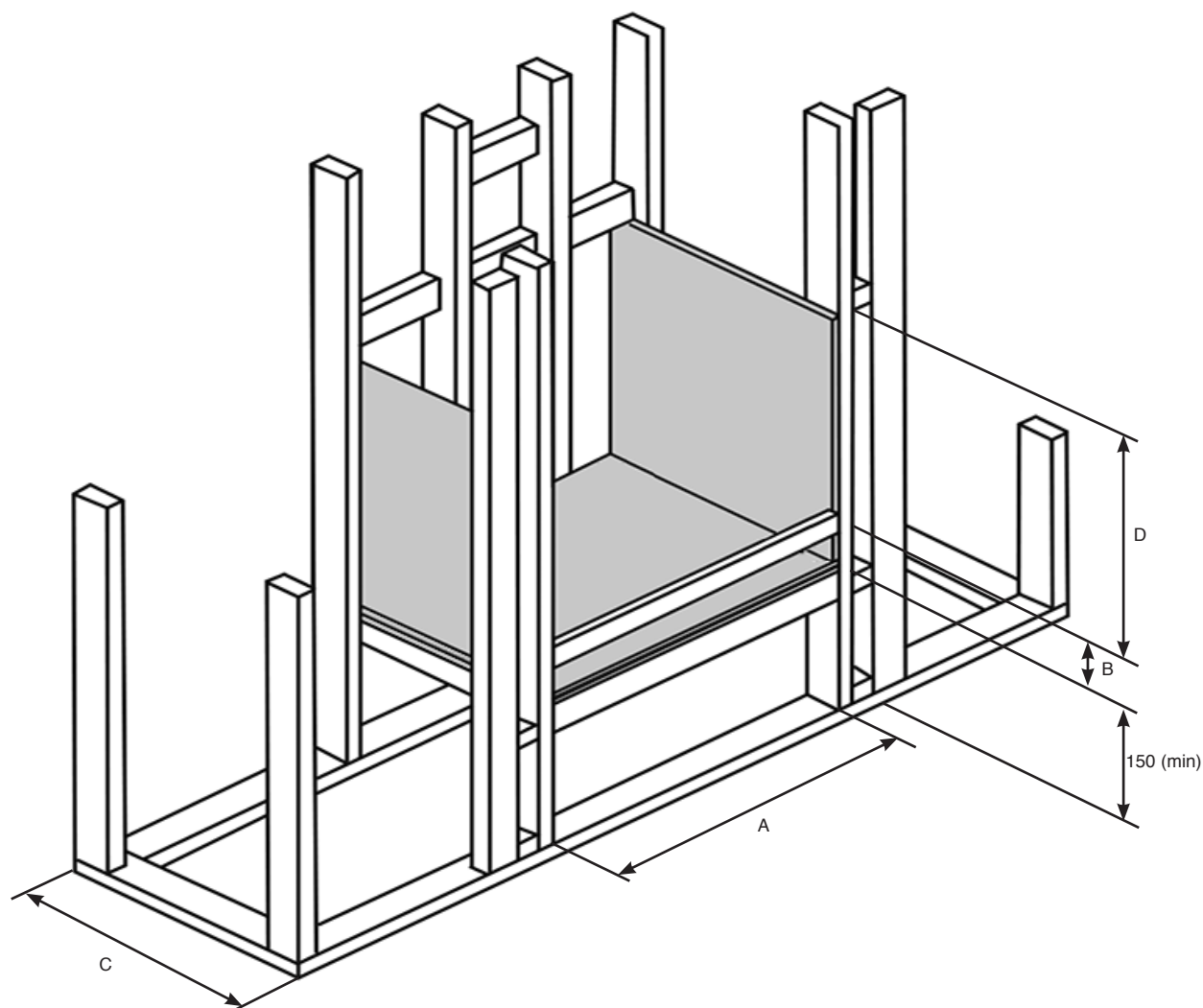


**IMPORTANT:** The cavity into which the Studio is fitted must be ventilated to prevent a build up of heat. If the cavity is sealed then it will be necessary to fit vents of approximately 50cm<sup>2</sup> each at both low and high levels. These vents should take cold air from the room and return warm air back into the room.

4.2 Line the inside cavity for the unit with Non-Combustible Board as shown in Diagram 20.

**IMPORTANT:** Non-Combustible Board **MUST** be used (see Approved Materials list - Page 14) or board that meets AS1530.1 or ASNZS1530.3 definition for Non-Combustible Material.

20



Minimum Framing Trim Out Dimensions for Studio with Edge kit

Model	A	B	C	D
Studio 1	845	119	395	820 min
Studio 2	1045	119	395	820 min
Studio 3	1435	119	395	820 min



**IMPORTANT:** This appliance must stand on a Non-Combustible floor platform that is at least 12mm thick. It is acceptable to use 2 x 9mm pieces of Non Combustible Board but dimension B must be measured from the top board as shown in Diagram 20.



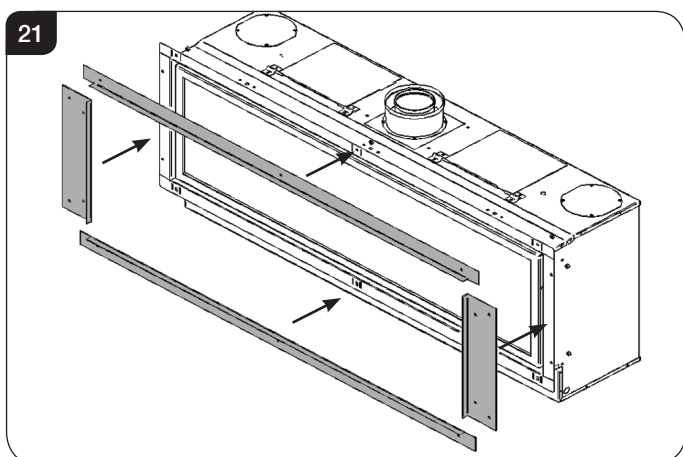
# Installation Instructions

There is an optional Studio Edge Installation Kit available for installing the appliance without a frame:  
Studio 1 BF Code No. 8727BFEK01, Studio 2 BF Code No. 8727BFEK02, Studio 3 BF Code No. 8727BFEK03.

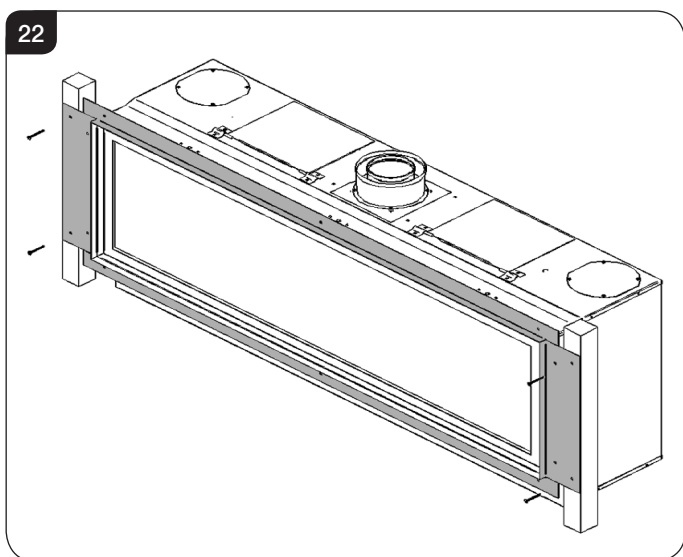
**i** The Edge kit should only be for installation with Slips, Tiles or other Natural Stone Materials.

Using the installation kit:

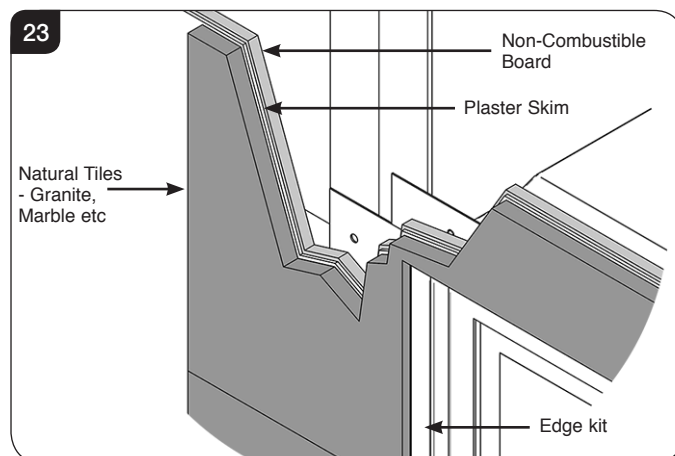
- 4.3 Fit the 4 metal brackets of the kit to the appliance, see Diagram 21.



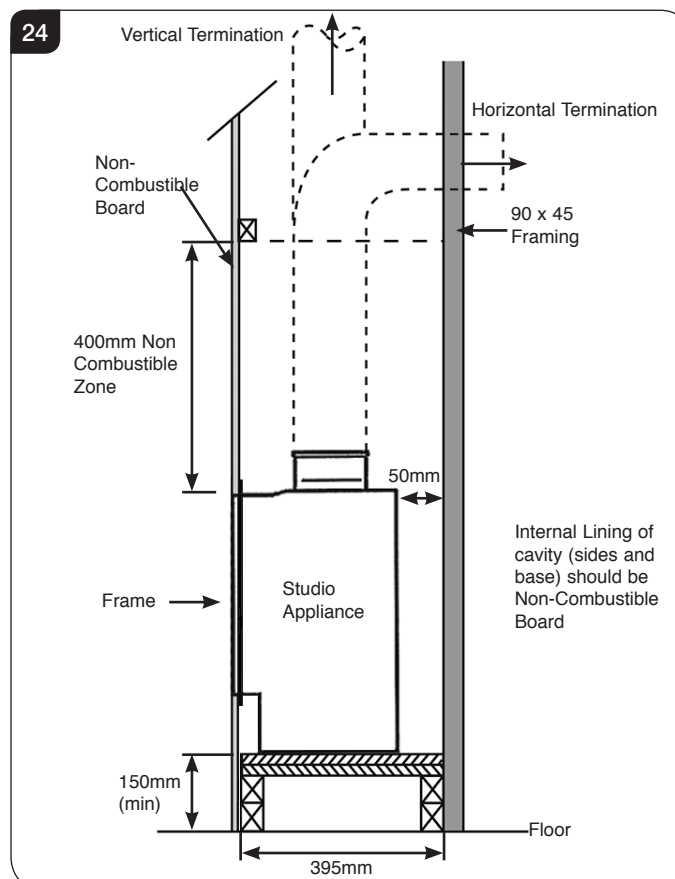
- 4.4 Build studwork enclosure to the specifications on pages 23 & 24.  
4.5 Ensure all clearances to combustible material are maintained, see Page 15.  
4.6 Secure the appliance to the vertical studwork through the holes in the metal brackets fitted to the appliance.



- 4.7 The kit has been designed so that Non-Combustible board can be taken right up to the edge of the 4 brackets, see Diagrams 23.

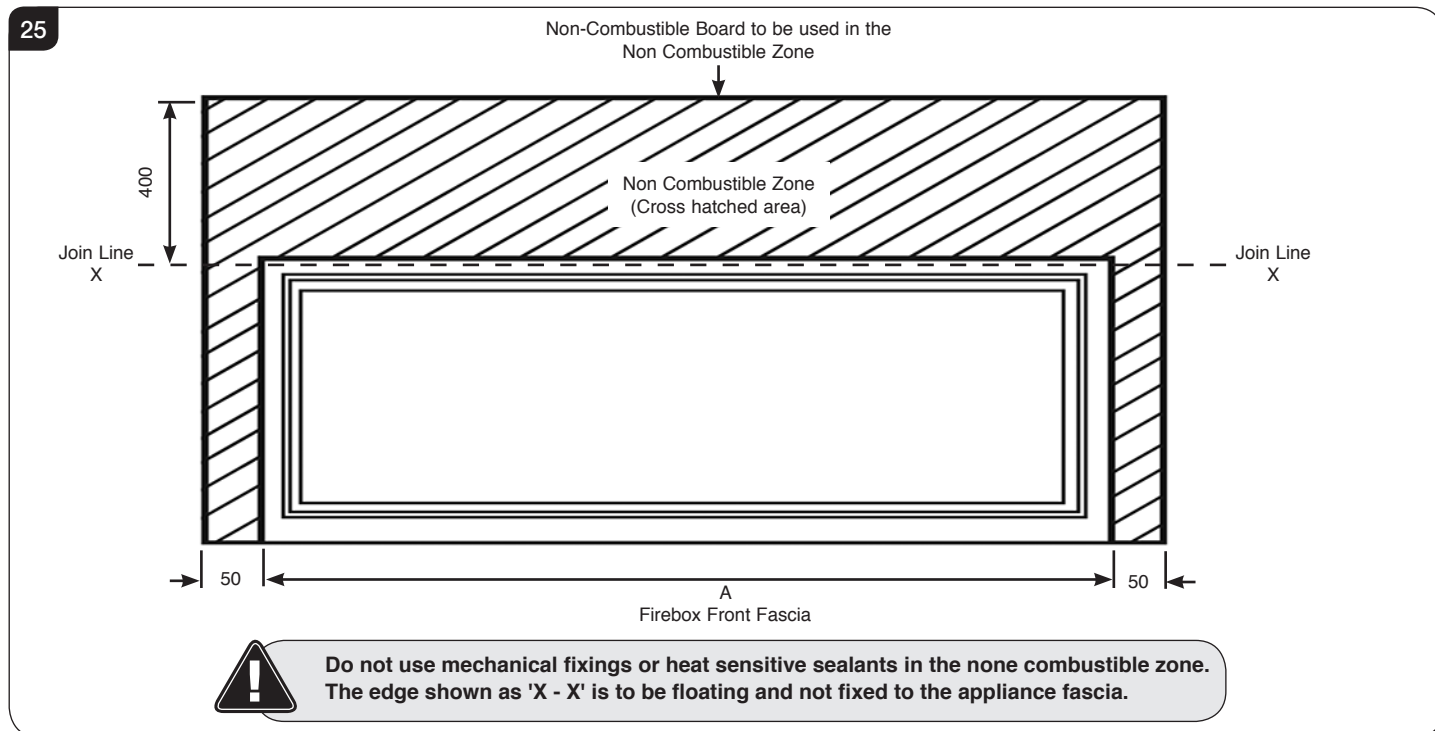


- 4.8 Decide on flue requirements.  
4.9 Cut a hole for the flue exit, see Installation Instructions, Flue Assembly.

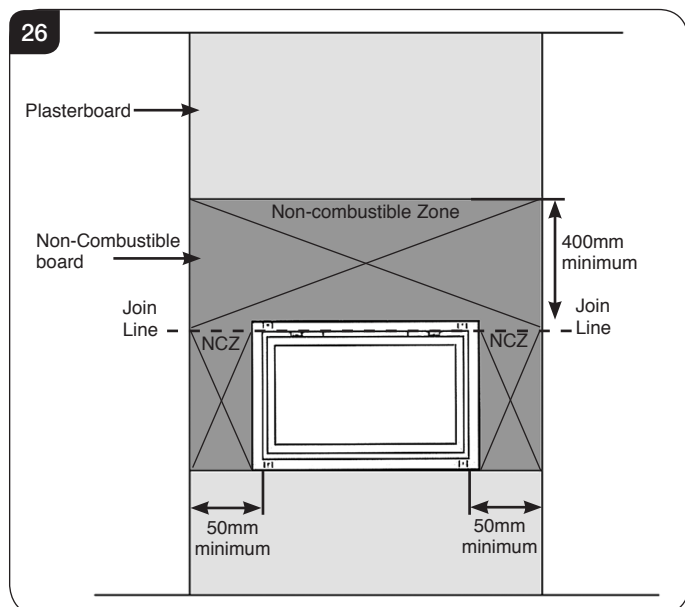


# Installation Instructions

- 4.10 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).

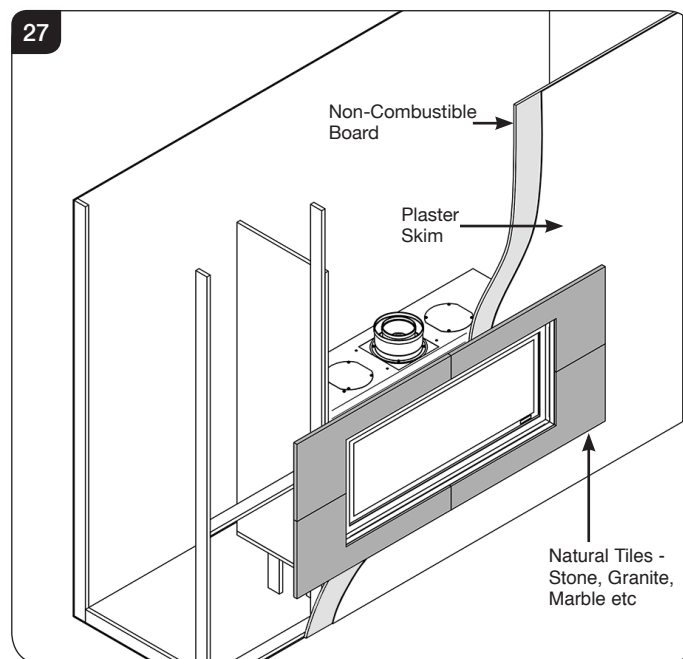


- 4.11 Fit plasterboard to the remaining chimney breast front.



- 4.12 Natural Tiles (Stone, Granite etc)

- If lining the fascia of the fireplace opening with Natural Materials such as Stone, Granite or Marble tiles Gazco recommend they are cut into three or more sections to prevent cracking. Resin based materials may not be suitable.

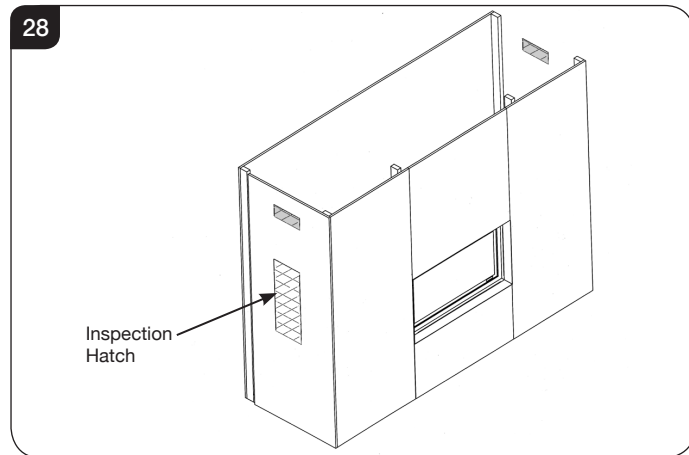


# Installation Instructions

**An access hatch should be left in the side of the chimney breast for future servicing and inspection of the flue and appliance.**

4.13 Connect the flue system and make the gas connection.

4.14 After commissioning finish the sides of the chimney breast, see Diagram 28.



4.15 Finish as required.

# Installation Instructions

## 5. Studwork for Cool Wall installation kit (with Edge Plus Frame)

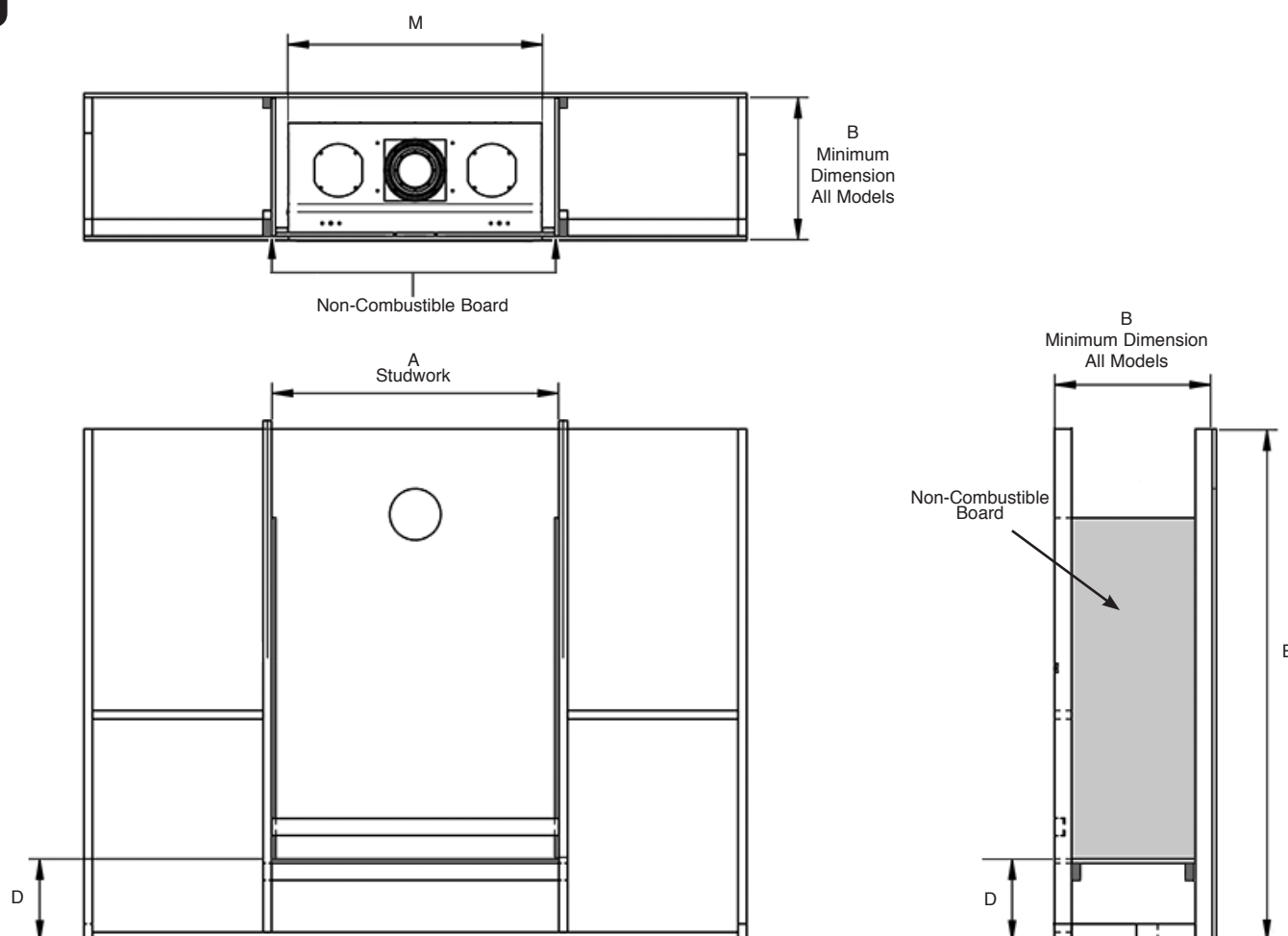
### 5.1 BUILD THE STUDWORK CHIMNEY BREAST AND ENCLOSURES TO THE SPECIFICATIONS ON PAGE 28 & 29.

- The appliance can be installed in a timber frame out.
  - The following details are the absolute minimum required based on using 90 x 45 framing.
  - The following dimensions are based on wall finishing using Non-Combustible Board.
- If using tiles, stonework or similar provision must be made for the minimum clearances required.

**Note:**

These dimensions are for a studwork frame out used in conjunction with an Cool Wall kit.  
For Decorative Frame and Edge Frame kit requirements see Installation Sections 3 or 4.

29



Model	A	B	M	D	E
Studio 1	845	455	745	150	939
Studio 2	1045	455	945	150	939
Studio 3	1435	455	1335	150	939

# Installation Instructions

## Studwork Installation for Studio with Cool Wall kit (with Edge Plus Frame) continued

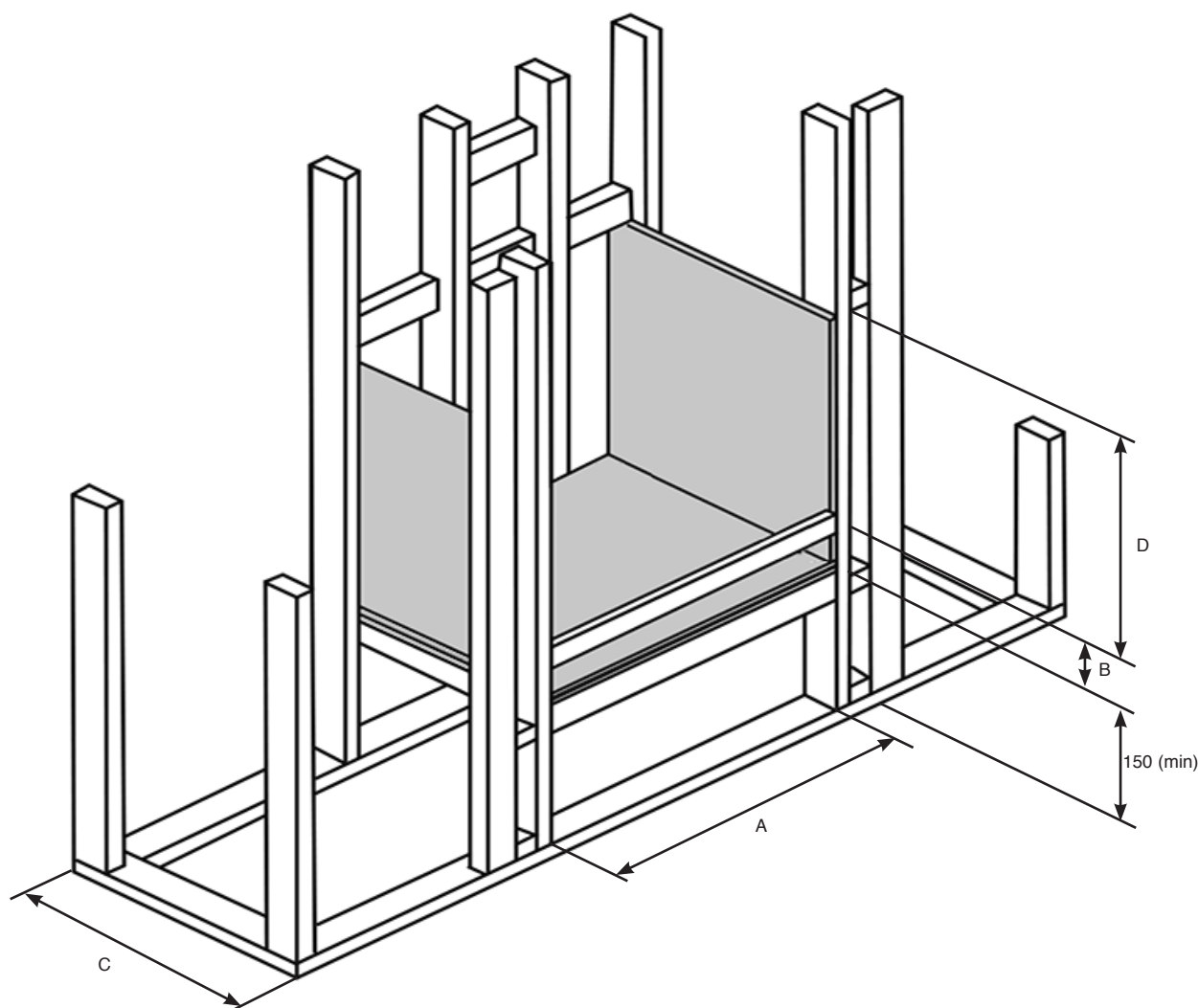


**IMPORTANT:** The cavity into which the Studio is fitted must be ventilated to prevent a build up of heat. It will be necessary to fit vents of approximately 200cm<sup>2</sup> each at both low and high levels. These vents should take cold air from the room and return warm air back into the room.

5.2 Line the inside cavity for the unit with Non-Combustible Board as shown in Diagram 30.

**IMPORTANT:** Non-Combustible Board **MUST** be used (see Approved Materials list - Page 14) or board that meets AS1530.1 or ASNZS1530.3 definition for Non-Combustible Material.

30



Minimum Framing Trim Out Dimensions for Studio with Cool Wall kit.

Model	A	B	C	D
Studio 1	845	119	455	820 min
Studio 2	1045	119	455	820 min
Studio 3	1435	119	455	820 min



**IMPORTANT:** This appliance must stand on a Non-Combustible floor platform that is at least 12mm thick. It is acceptable to use 2 x 9mm pieces of Non Combustible Board but dimension B must be measured from the top board as shown in Diagram 20.

# Installation Instructions

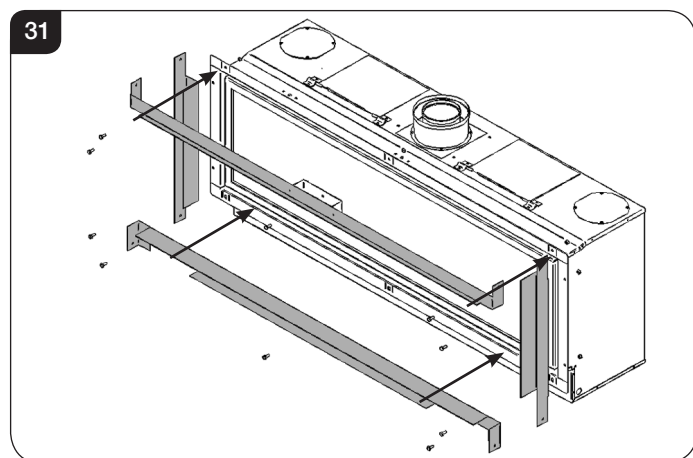
For the cool-wall installation, convected heat produced by the appliance is channelled into the chimney cavity and vented at the top.

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

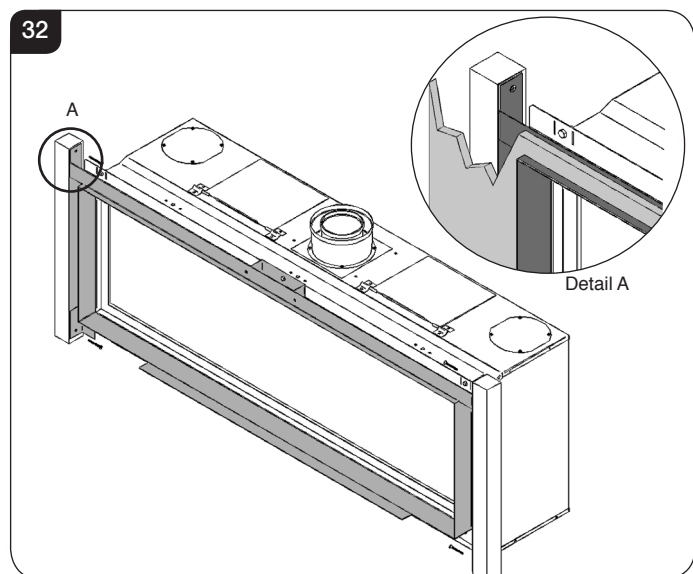
There is an optional Studio Cool Wall Installation Kit available for installing the appliance without a frame: Studio 1 BF Code No. 8727BFCW01, Studio 2 BF Code No. 8727BFCW02, Studio 3 BF 8727BFCW03.

Using the fixing kit:

- 5.3 Fit the 4 metal brackets of the kit to the appliance, see Diagram 31. There is a deliberate gap at the top for convected heat.

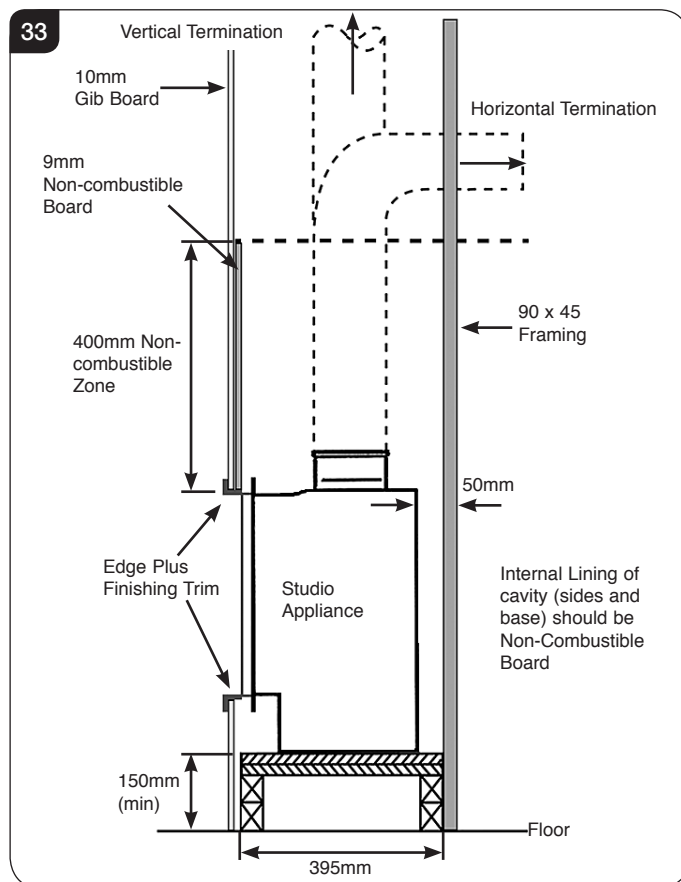


- 5.4 This now determines the width of your 2 vertical studwork supports. The kit has been designed so that Non-combustible board can be taken right up to the edge of the 4 brackets, see Diagram 32.

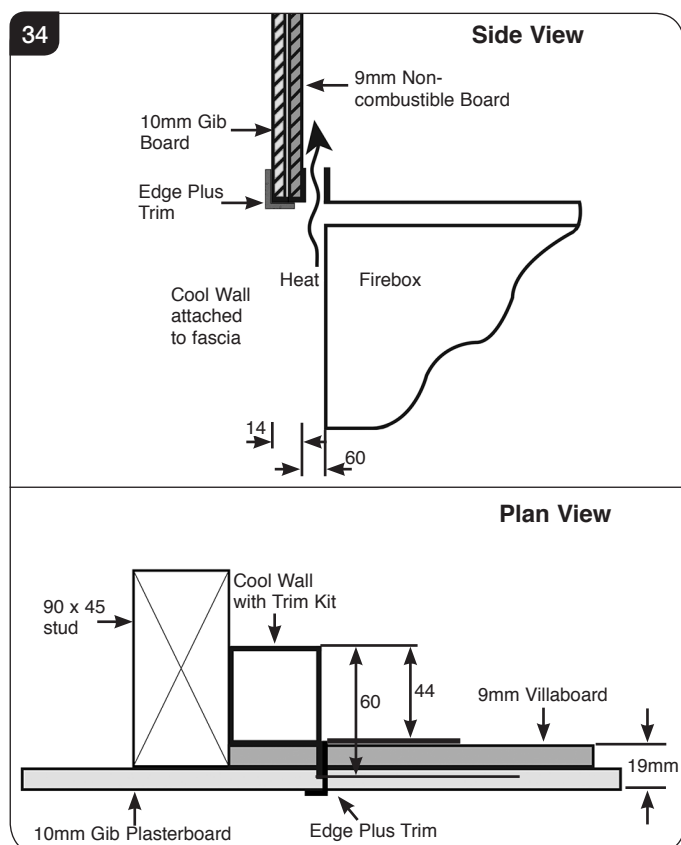


- 5.5 Build studwork enclosure to the specifications on page 28/29.  
5.6 Ensure all clearances to combustible material are maintained, see Page 15.  
5.7 Decide on flue requirements.

- 5.8 Cut a hole for the flue exit, see Installation Instructions, Flue Assembly.

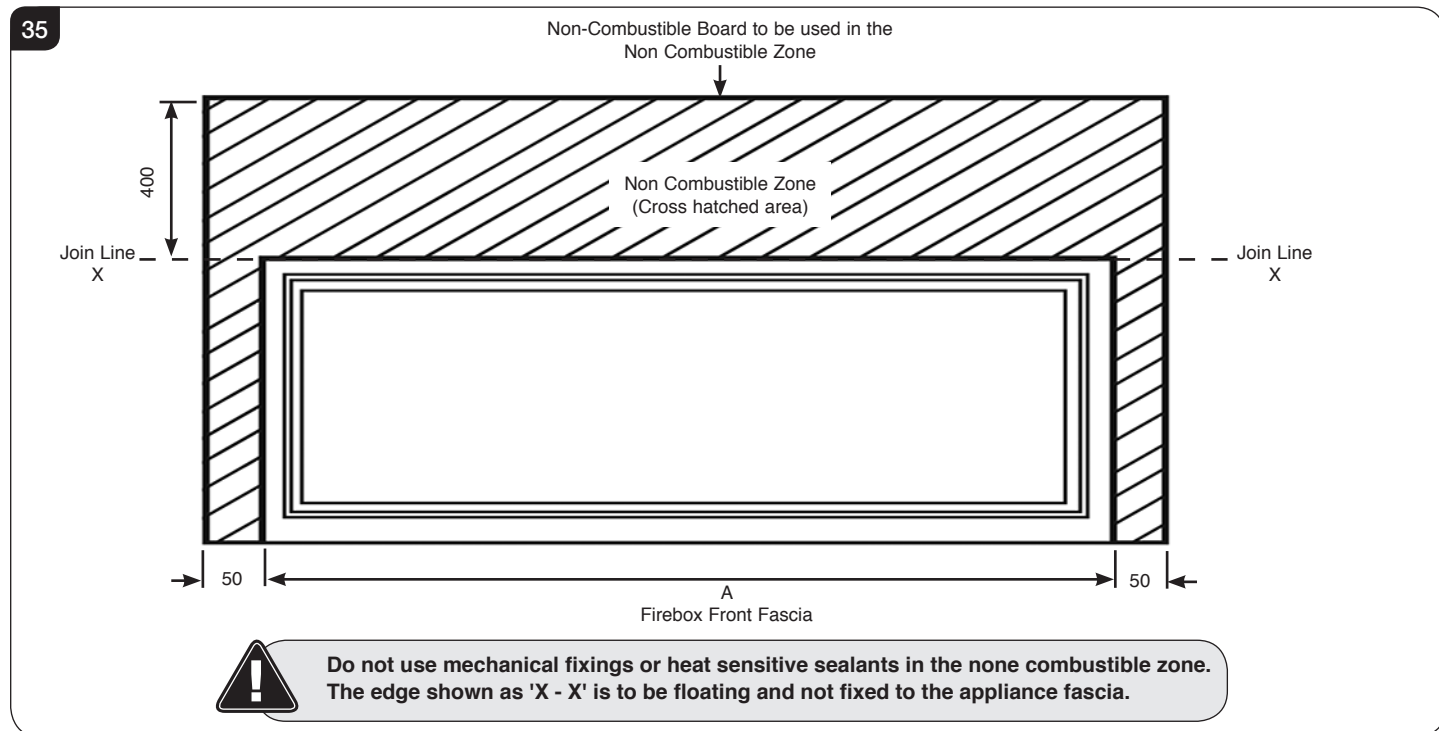


- 5.9 Secure the appliance to the vertical studwork through the holes in the metal brackets fitted to the appliance.

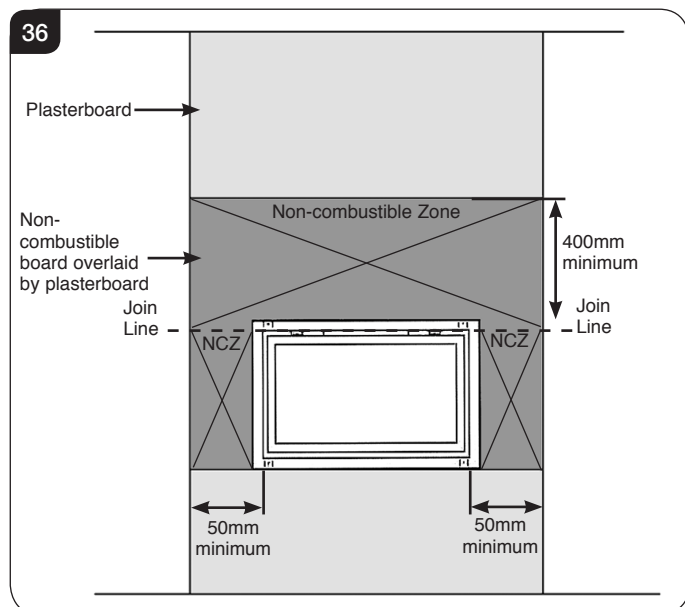


# Installation Instructions

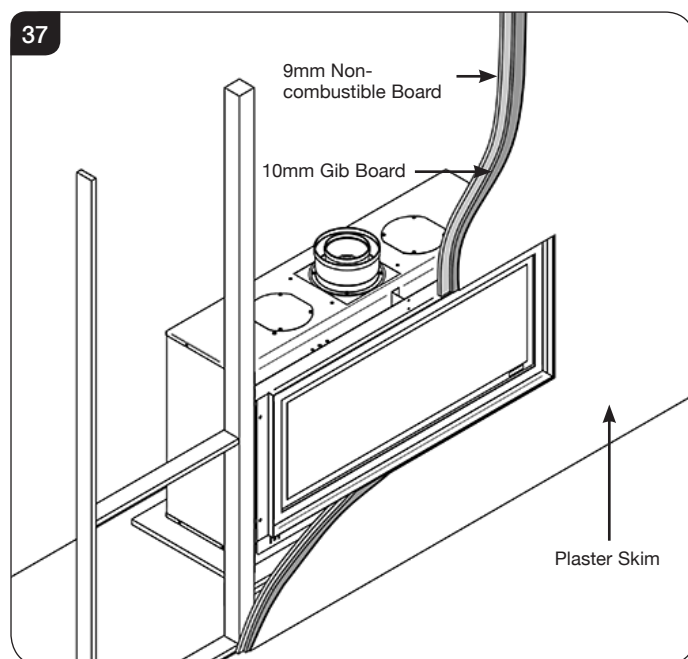
- 5.10 Fit Non-combustible board to the studwork around the appliance. This should extend a minimum of 400mm above the appliance and at least 50mm to the sides of the appliance (from the outer box, not the flanges).



- 5.11 Fit plasterboard to the remaining chimney breast front.



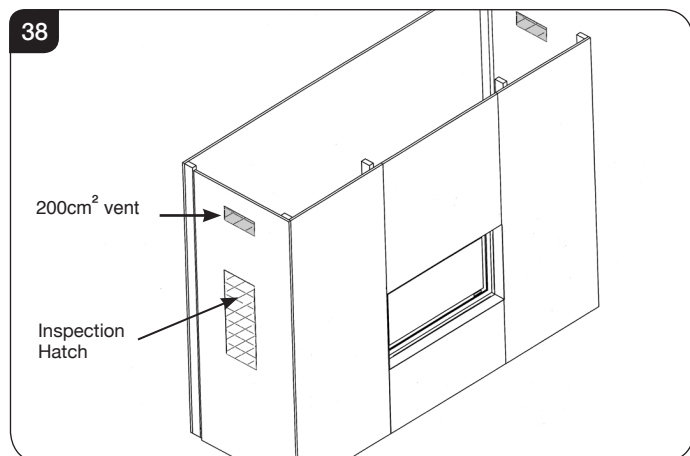
- 5.12 The Non-combustible Zone must be finished vertically and horizontally with 9mm Non-combustible board overlaid with 10mm Plasterboard. No mechanical or adhesive fixing should be placed in the 400mm above the appliance. Screw fixings to side and top supports only.



An access hatch should be left in the side of the chimney breast for future servicing and inspection of the flue and appliance.

# Installation Instructions

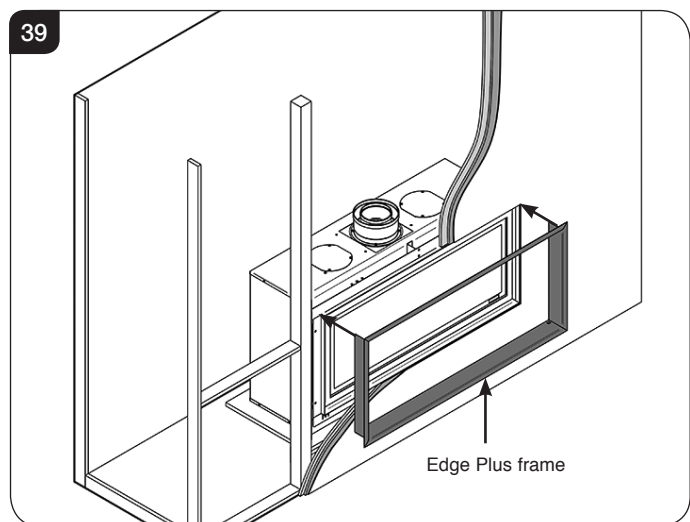
- 5.13 Connect the flue system and make the gas connection.
- 5.14 After commissioning, finish the sides of the chimney breast, see Diagram 38.



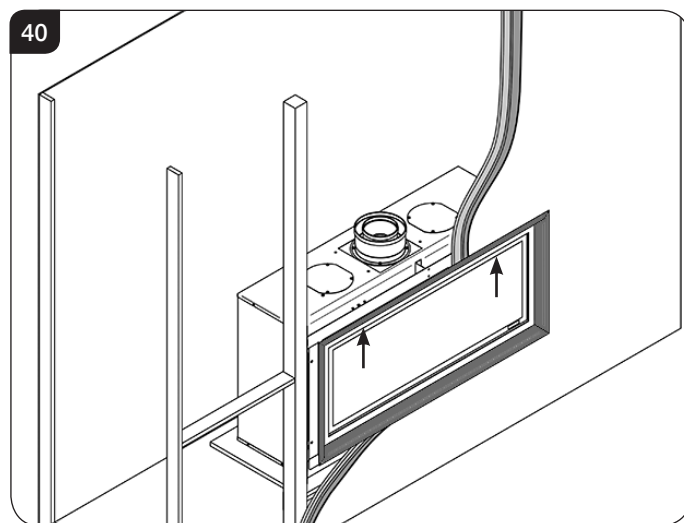
- 5.15 The top of the chimney breast must have a minimum 200cm<sup>2</sup> vent.
- 5.16 Finish as required.

## Edge Plus Frame

- 5.17 To finish the effect with the Edge Plus frame offer the decorative trim to the front of the finished Cool Wall installation, see Diagram 39.



- 5.18 Carefully fit the top of the frame and slide the bottom into place. The lower flange is held by magnets. Secure the top using the two screw holes provided, see Diagram 40.



## 6. All types of installation into Studwork - Wall Flush Mounting Box & Batteries

**i** 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.

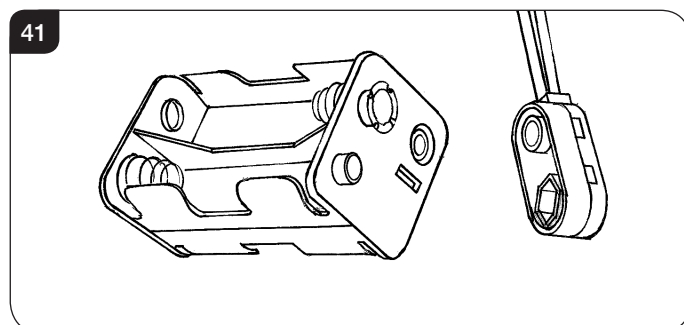
If installing an appliance with the adapter make provision for a mains power socket within 1.5m of the control box and follow the instructions provided.

When installing the wall flush mounting box allow at least 100mm of slack wire in the battery lead where they enter the appliance on the right hand side. This allows the removal of the control assembly during servicing.

- 6.1 Decide on the position for the wall flush mounting box containing the batteries and cut the necessary hole.

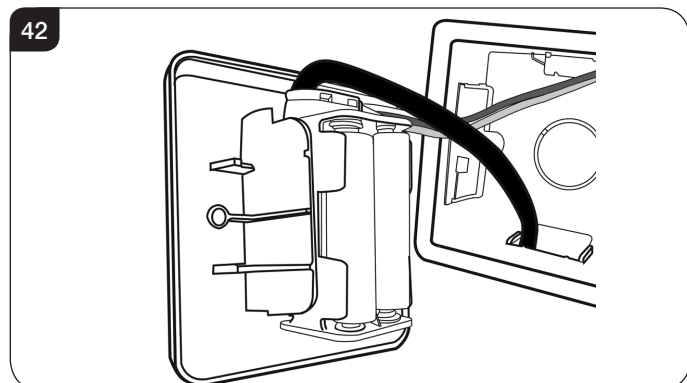
A battery power supply cable is supplied and pre-fitted to the appliance control. Provision is made for the cable to exit either the left or right of the appliance through the grommet. The cable is 3 metres long.

- 6.2 Connect the wire from the appliance to the battery pack, see Diagram 41.

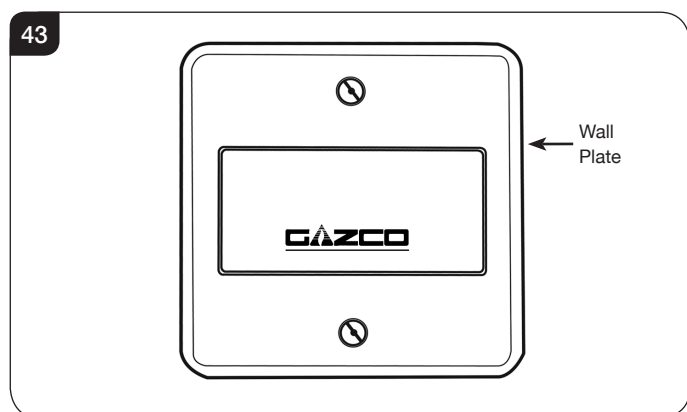




- 6.3 Correctly position the 4 new AA size batteries and re-assemble the battery holder as shown, see Diagram 42.



- 6.4 Secure the wall plate to the wall box using the 2 fixing screws, see Diagram 43.



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

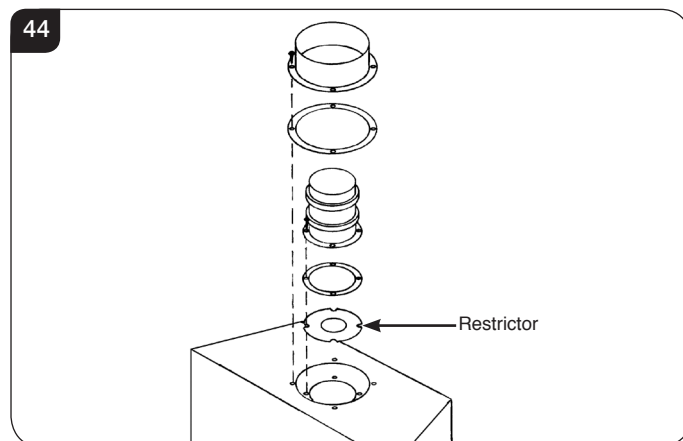
**i** **IMPORTANT**  
The wall plate must be installed using a non-metallic mounting box, please ensure that the plastic dry lining box is used wherever possible. If it is intended to install the wall plate on a masonry it is possible to drill through the rear of this box and secure in position using wall plugs and screws although a small amount of finishing work will be required to cover the plastic side securing tags. Alternatively a standard 47mm deep pattress box can be used to surface mount the wall plate.

# Installation Instructions

## 7. Flue Assembly

- 7.1 See Site Requirements, Section 2, Flue Options.

**TAKE CARE WHEN MARKING OUT FOR THE FLUE AS IT IS DIFFICULT TO MOVE AFTER INSTALLATION. IF A RESTRICTOR IS REQUIRED FIT THIS BETWEEN THE SMALL OUTLET SPIGOT AND THE AIR DUCT, SEE DIAGRAM 44. REFER TO TECHNICAL SPECIFICATIONS FOR RESTRICTOR SIZE.**



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

- a) Core drill
- b) Hammer and chisel

- 7.3 Drill small holes around the circumference when using method b). Make good both ends of the hole.

- 7.4 Allow enough room either above or to the side of the appliance to assemble the flue on top.

- 7.5 Assemble a horizontal flue in the following order:

- Vertical section
- 90° elbow
- Horizontal plus terminal

- 7.6 Support the opening of a masonry installation with a lintel.

- 7.7 Only the horizontal terminal section can be reduced in size.

To find the length:

- 7.8 Measure from the outside of the wall to the stop on the 90° elbow.

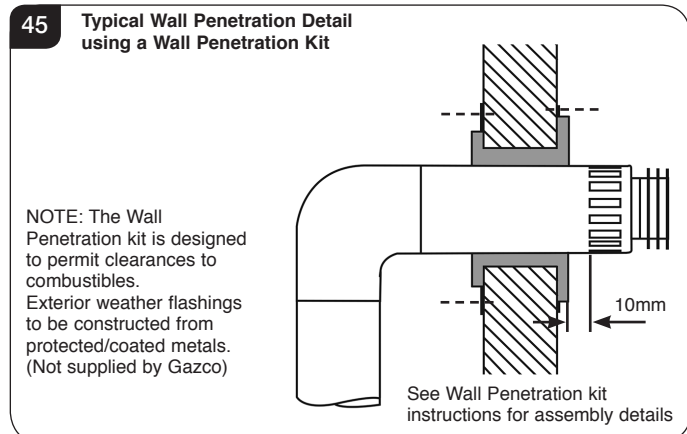
- 7.9 **Add 10mm to the outlet end.**

# Installation Instructions

- 7.10 Use a Wall Penetration kit with a moisture seal when installing horizontally.  
**Note: This kit is not supplied by Gazco and it is essential to read the instructions supplied with the kit before attempting to install.**

7.11 Measure from the edge of the slots closest to the wall.

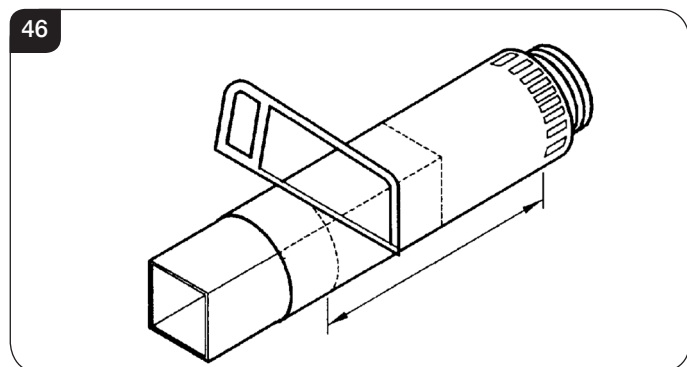
7.12 Mark around the flue, see Diagram 45.



7.13 Assemble the plate onto the flue but do not secure to wall until the flue is fully assembled, see Diagram 45.

7.14 The cardboard fitment in the terminal is used to support the flue whilst it is cut to length.

**ONCE CUT TO SIZE REMOVE THE CARDBOARD REMNANT,** see Diagram 46.



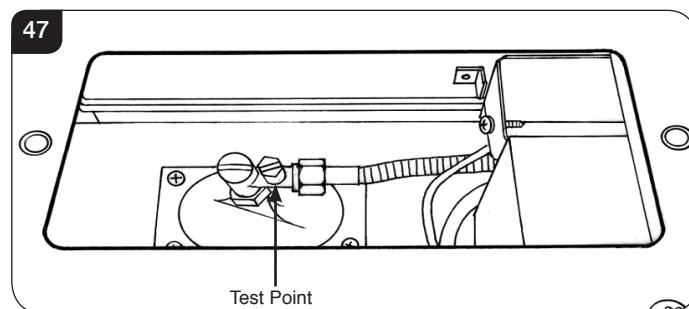
7.15 Remove the compression elbow from the appliance and connect it to the gas supply pipe.

As the appliance is fitted into the enclosure:

7.16 Pass the elbow and supply pipe through the silicone panel on the LEFT HAND side.

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

7.18 Connect the elbow to the appliance inlet pipe, see Diagram 47.



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

7.20 Turn on the gas.

7.21 Light the appliance and check for leaks.

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

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

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

## 8. Assembling the Appliance

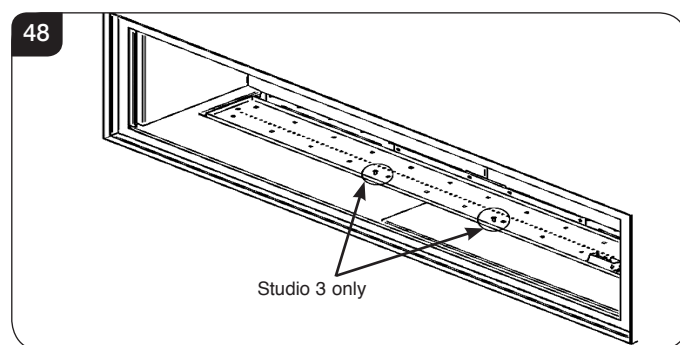
### 8.1 ENAMEL LINERS

For Studios 1 and 3 the back panel is already in place:

8.2 Place the bottom panel(s) at the base of the appliance.

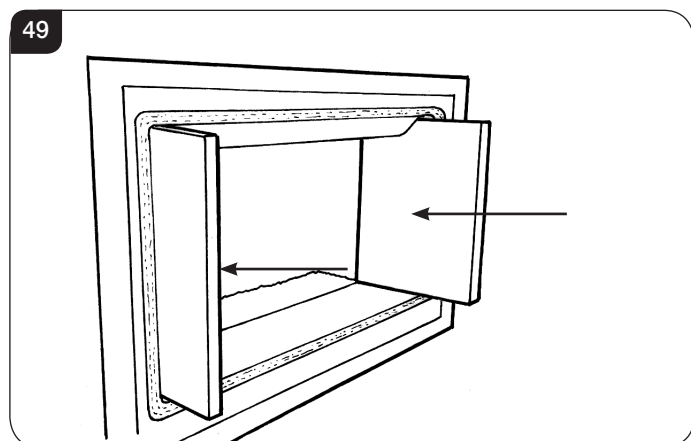
**Studio 3 only:** Secure the two base panels with screws.

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



# Installation Instructions

- 8.3 Slide the side panels into position.



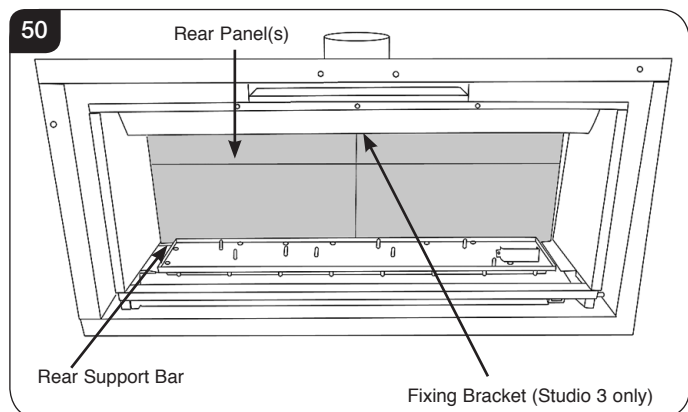
- 8.4 The Studio appliances have the option of two different liner finishes:  
Vermiculite  
Black Reeded Panels

**NOTE: ALL FRONT PANELS AND THE STUDIO 3 REAR PANELS ARE IN TWO PIECES.**

**STUDIO 1 & 2: HOLD THE REAR PANELS UNTIL ALL THE OTHER PANELS ARE IN PLACE AS THEY CAN FALL FORWARD.**

**STUDIO 3 HAS A TOP BRACKET TO SECURE THE PANELS THIS MUST BE REMOVED PRIOR TO ATTEMPTING TO FIT THE REAR PANELS.**

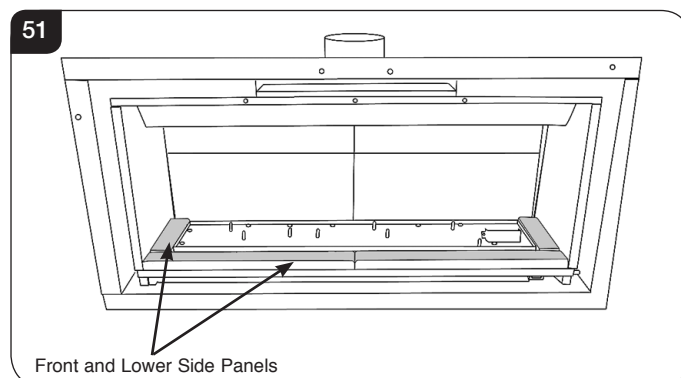
- 8.5 Place the rear panel(s) behind the locating bracket on the rear support bar.
- 8.6 Centralise the rear panel(s) with the chamfers touching and pushed together, see Diagram 50.



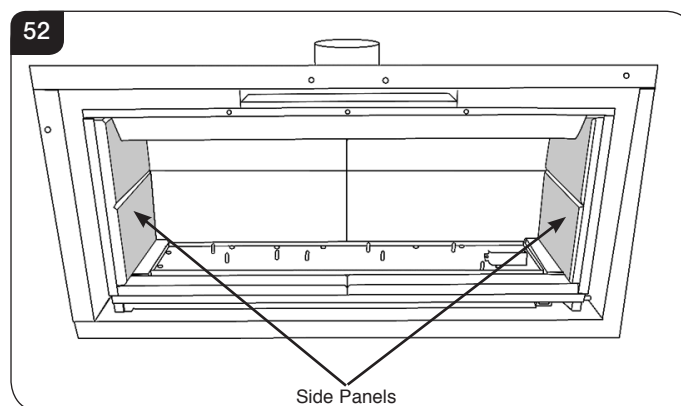
If installing the panels on a Studio 3 model replace the L shaped fixing bracket at the top rear of the firebox to hold the two rear liners in place.

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

- 8.8 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 51.



- 8.9 Slide the two side panels up to the rear panel, see Diagram 52.



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

# Installation Instructions

## 9. 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.

- 9.1 **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.

It is important to wash the Stone Chippings or Glass Granules to remove any dust particles. Alternatively clean with a low pressure air hose.

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

**TAKE CARE NOT TO SPILL THE EFFECT INTO THE PILOT AREA.**

**STACK STONES/GLASS EFFECT IN FRONT OF THE PILOT SHIELD TO OBSCURE THE BLACK METAL SHIELD.**

**ONLY GENUINE GAZCO PARTS CAN BE USED IN THIS APPLIANCE.**

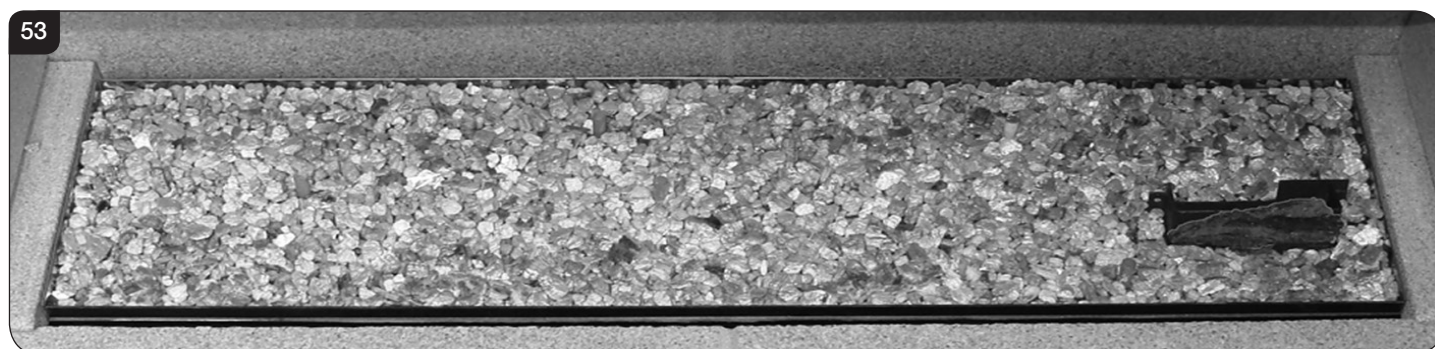
## 10. Log Layout

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

### Layout for Studio 1

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

- 10.2 Rest the ceramic bark against the front face of the pilot shield, see Diagram 53.



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.



# Installation Instructions

10.3 Working from left to right place logs A, B and C onto their studs, see Diagram 54.

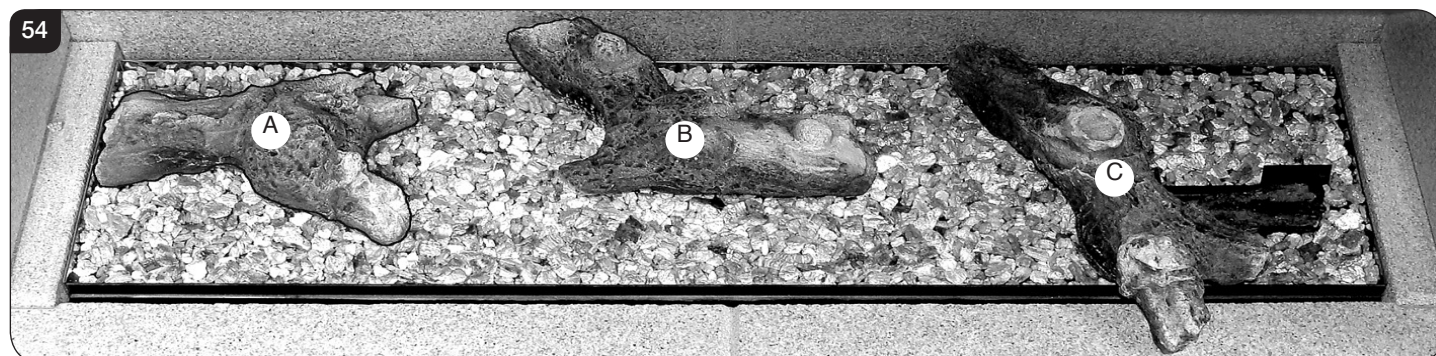
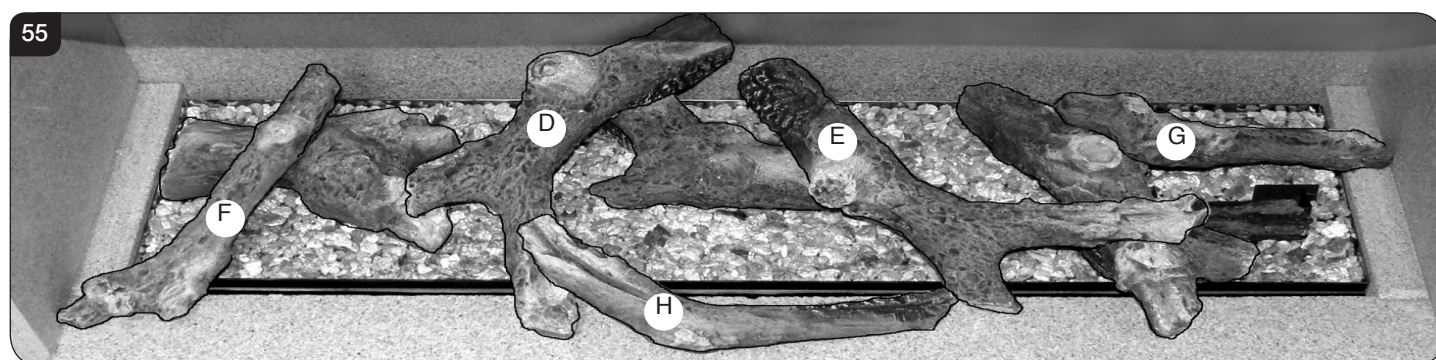


Diagram 55 shows the layout of logs D to H.

10.4 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.

10.5 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.



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

10.7 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.

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

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

10.10 Place the pieces of Embaglow between the logs in the highlighted areas shown in Diagram 56. Ensure the material is placed loosely between the logs to create a random glow.





# Installation Instructions

## Layout for Studio 2

10.11 Preparation of vermiculite and the ceramic bark pilot shield is the same as for Studio 1, see 10.1 and 10.2.

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.

10.12 Place logs I, A, B and C onto their studs, see Diagram 57.

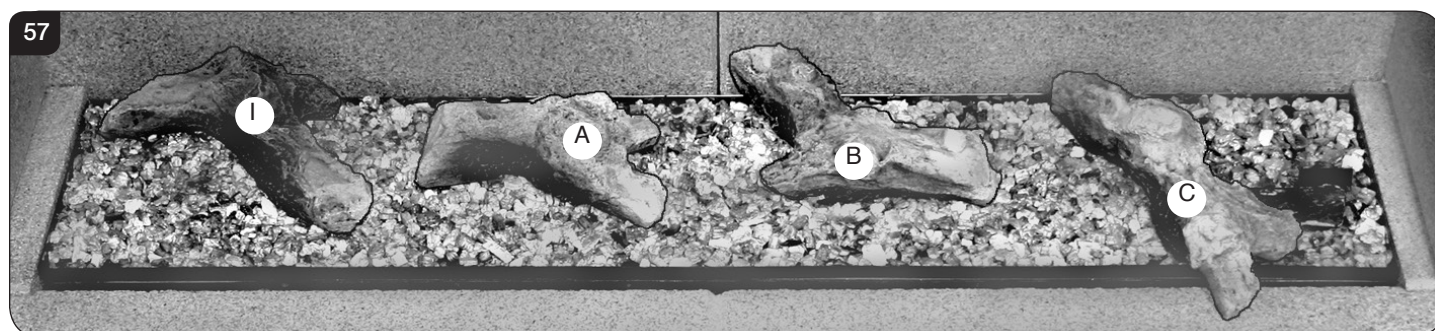


Diagram 58 shows the layout of logs D, E and J.

10.13 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.

10.14 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.

10.15 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 58.

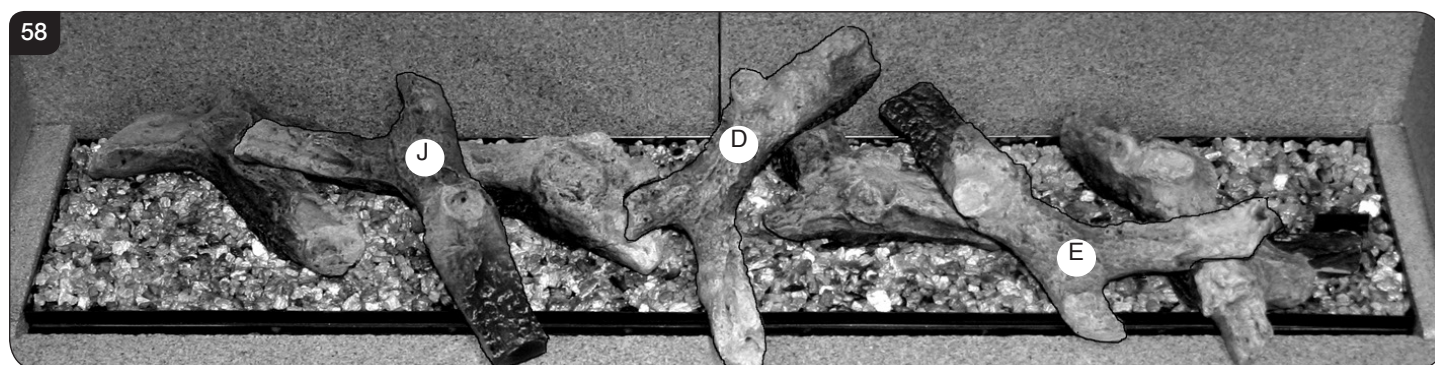


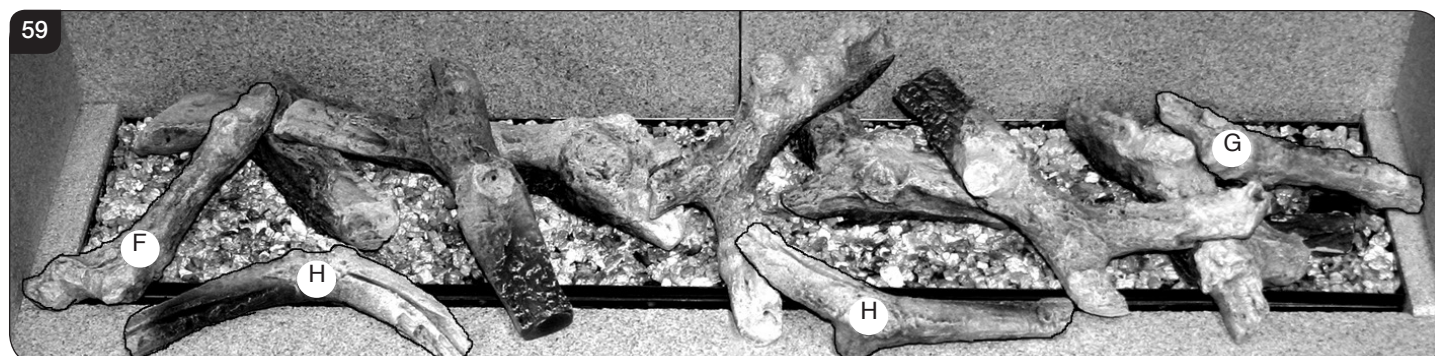
Diagram 59 shows the layout of the last four logs, F, G and two of log H:

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

10.17 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.

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

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





# Installation Instructions

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

10.21 Place the pieces of Embaglow between the logs in the highlighted areas shown in Diagram 60. Ensure the material is placed loosely between the logs to create a random glow.



## Layout for Studio 3

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

10.23 Rest the ceramic bark against the front face of the pilot shield, see Diagram 61.

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

10.24 Place logs K, I, A, B and C onto their studs as illustrated in Diagram 61.

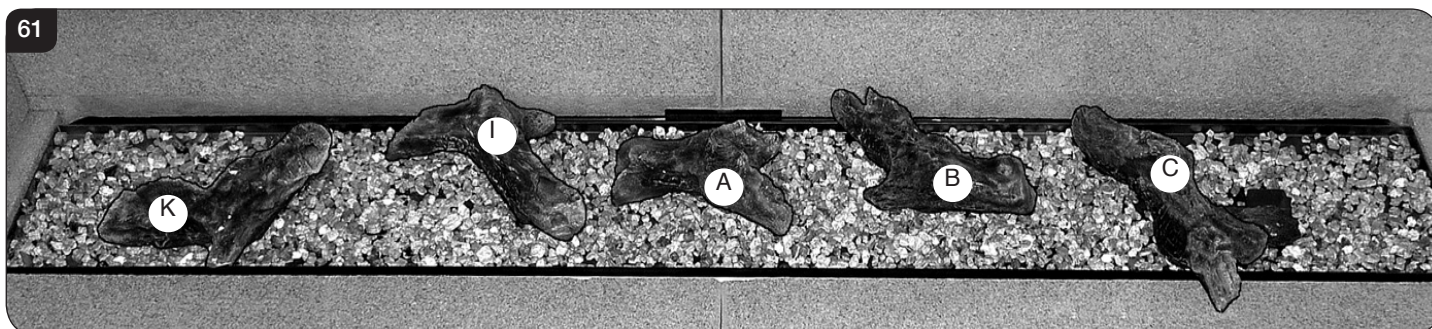
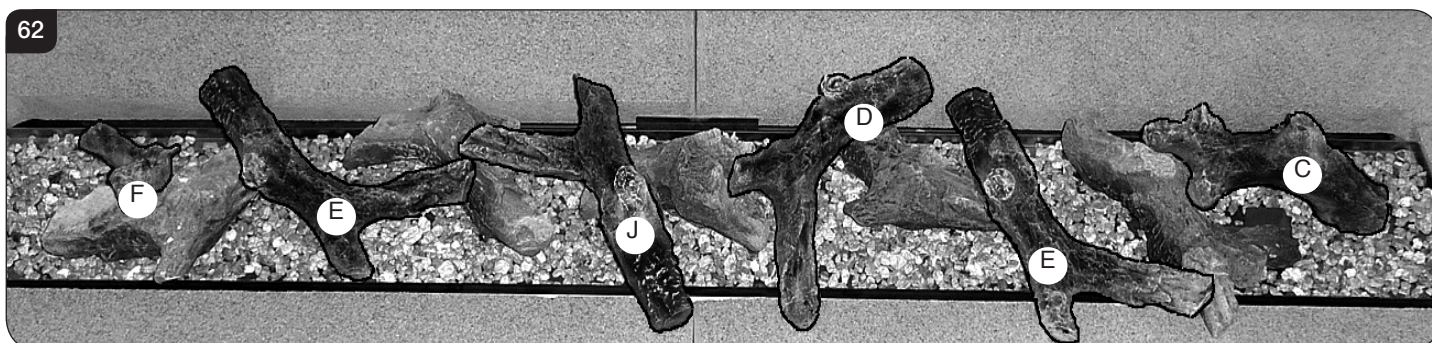


Diagram 61 shows the layout of logs F, E, J, D, E and C. Working from left to right:

10.25 Log F rests in an indent in Log K with the letter on the underside facing down and a top stud lying towards the back left of the burner tray.

10.26 Log E fits onto the stud on the back right of Log K. The right-hand branch rests against Log I, see Diagram 62.

10.27 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 rests in a recess in Log I, see Diagram 62.



10.28 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.



# Installation Instructions

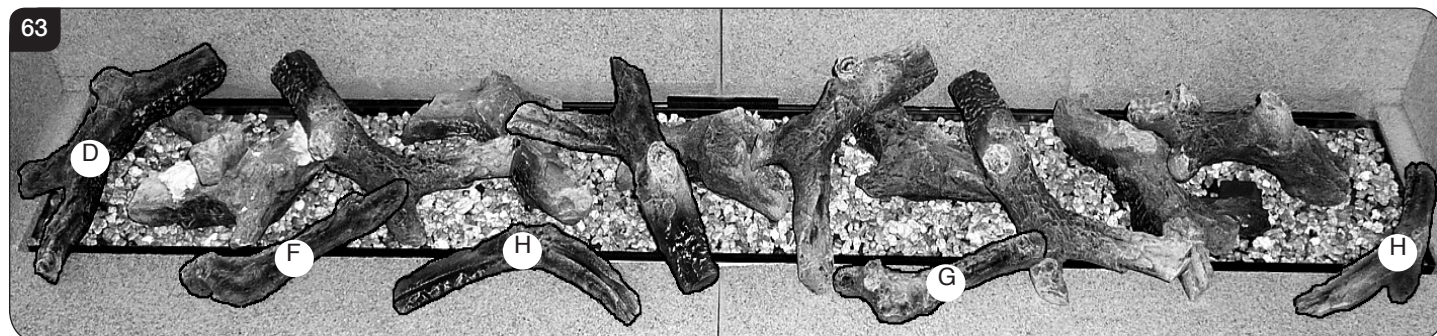
10.29 A recess in the back of Log E fits the stud on Log B and its long branch rests snugly behind a wood knot of Log C.

10.30 The fork of the branches of Log C rest around the wood knot of Log C beneath and cross the pilot shield below.

Diagram 63 shows the layout of logs D, E, H, G, H. Working from left to right:

10.31 Log D's recess fits the stud at the back left of Log F. The branch must overlap the side and front edge panels, see Diagram 63.

10.32 Log F rests on a little notch on the lower branch of Log E and overlaps the front edge panel, see Diagram 63.



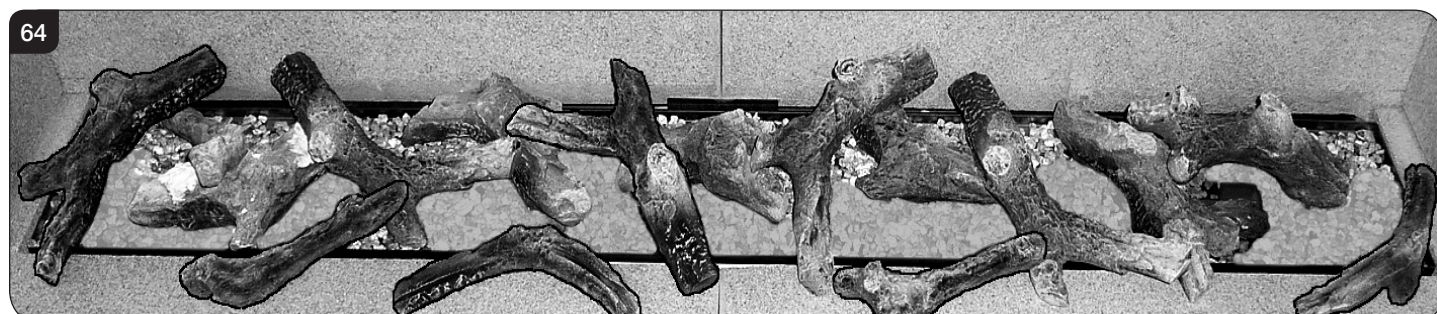
10.33 Log H rests anywhere on the front panel between F and J.

10.34 Log G rests against the lower branch of Log E, see Diagram 63.

10.35 The second Log H arches across the side and front panels. **DO NOT LET THIS LOG SIT ON THE BURNER TRAY.**

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

10.37 Place the pieces of Embaglow between the logs in the highlighted areas shown in Diagram 64. Ensure the material is placed loosely between the logs to create a random glow.

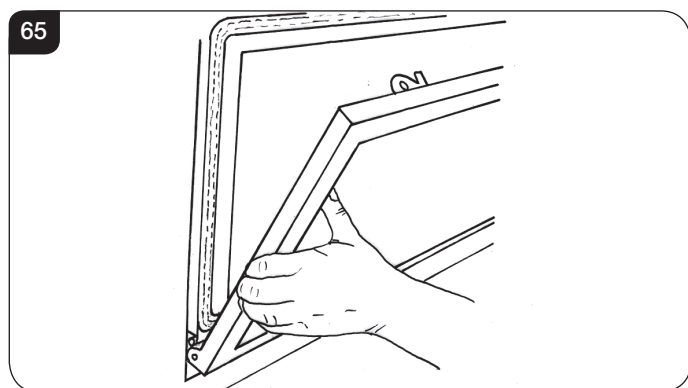




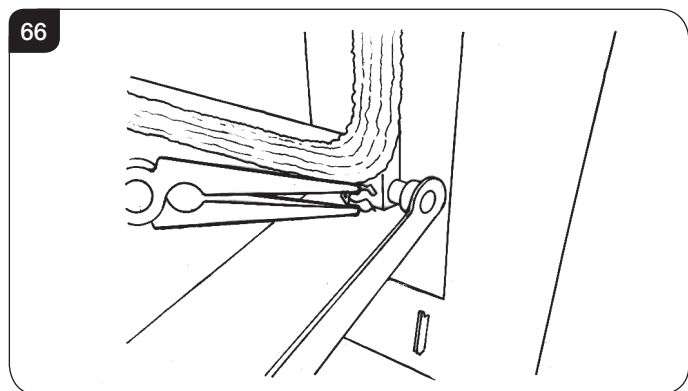
# Installation Instructions

## 11. Completion of Assembly

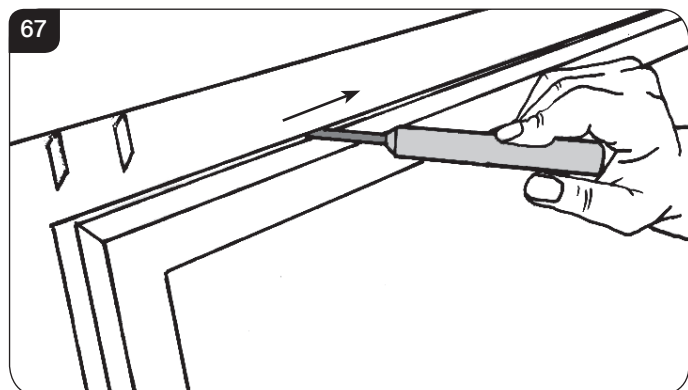
- 11.1 To fit the window frame keep the frame in the upright position with the locks uppermost.
- 11.2 Offer the frame to the foot of the opening.
- 11.3 Slide the frame to the right to locate the right hinge pin.
- 11.4 Manoeuvre the frame up towards the left side to locate the left hinge pin.
- 11.5 Slide onto the hinge with a right movement.



- 11.6 Secure in place with a spring clip at the right hinge pin, see Diagram 66.



- 11.7 Close the window.
- 11.8 Using the hexagon key provided close the window locks by moving from open to shut towards the window centre, see Diagram 67.



- 11.9 When closing the door ensure the door catches are fully engaged.



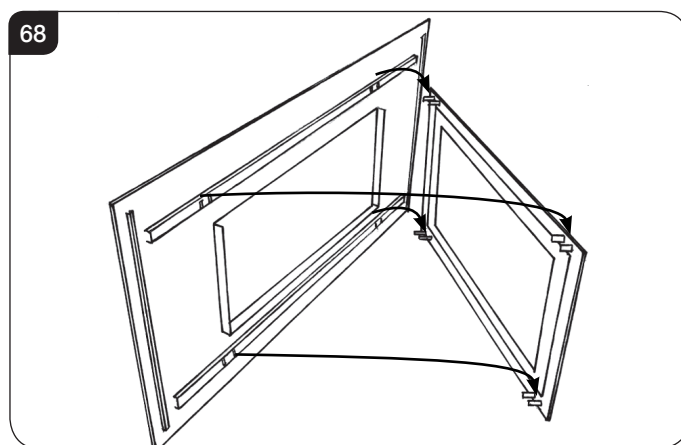
**UNDER NO CIRCUMSTANCES SHOULD THE APPLIANCE BE USED WITHOUT THE CATCHES HOLDING THE DOOR IN PLACE.**

## 12. Decorative Frame

The fitting of the frame requires 2 people.

**To attach the frame:**

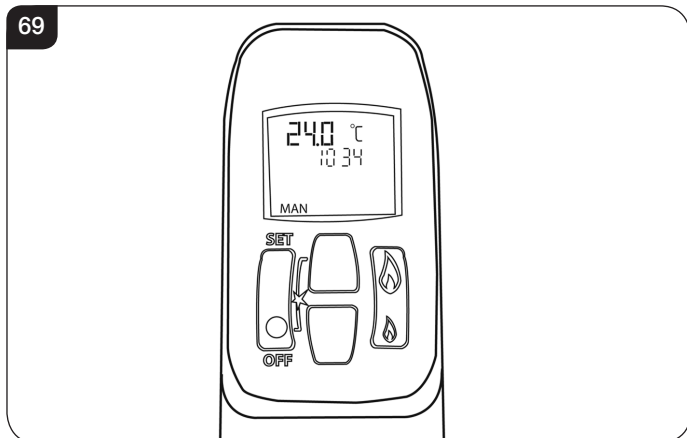
- 12.1 Rest the lower fixing angle of the frame onto the bottom brackets attached to the appliance flange.
- 12.2 Lift the upper angle onto the top brackets and lower, see Diagram 68.



# Installation Instructions

## 13. Lighting the Appliance

The appliance is operated by thermostatic remote control. This remote controls the appliance from pilot ignition through to shut down.



In 'MANUAL MODE' you can:

- light the pilot
- turn on the main burner
- regulate the flame from low to high and back
- turn off the burner leaving just the pilot burning

In 'TEMP MODE' you can:

- set the room temperature so the appliance automatically maintains that temperature

In 'TIMER MODE' the fire:

- turns on and off according to the set time periods
- automatically regulates the room temperature during the set periods

### 13.1 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.**

#### 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.**



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



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

**FOR FULL OPERATING INSTRUCTIONS AND TROUBLESHOOTING SEE USER INSTRUCTIONS.**

## Troubleshooting



**IMPORTANT:** In the unlikely event that the handset fails to communicate correctly with the appliance it may be necessary to turn off the gas supply at the isolation valve until any problems can be resolved.

The gas meter and isolation valve can be located outside in a meter box, under the stairs, beneath the kitchen sink or in the garage. Whilst this list is not exhaustive, it is important to be able to identify the location of the valve in case of any gas emergency.

To turn off the gas supply, simply turn the handle so the lever is at 90 degrees to the upright gas pipe.

If you smell gas, open doors and windows and never operate any electrical switches. Immediately call the Gas Emergency Services.

# Commissioning

## 1. Commissioning

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

- Flue checks
- Gas checks
- Log layout - flame picture

For working pressure test, use the access panel at the gas connection ensuring the burner is in position. Refer to Technical Specifications, Pages 6 & 7.

1.2 Ensure all safety checks listed in the Commissioning Section are completed, paying particular attention to the glass panel checks and securing of the glass frame.

1.3 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.

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

- a) Regular servicing (Section 9 of the User Instructions).
- b) Ventilation (Section 10 of the User Instructions) - point out the ventilation positions where applicable.
- c) Hot surfaces (Section 12 of the User Instructions).
- d) How the appliance works with the remote control handset and the modes of operation (Section 2 of the User Instructions).
- e) How to change settings in the auto mode and program modes of operation.
- f) What to do if the appliance fails to operate (Section 13 of the User Instructions).

### **Reprogramming handset/Control box**

To access the control box see Servicing Instructions, Section 10 - Main Control Assembly.

- 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 two additional short signals confirming the new code is set.
- If there is a single long signal the code learning sequence has failed or the wiring is incorrect.

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A member of the Stovax Group  
Adapted from English Issue 16

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PR2095