



A division of Terry Young Ltd, New Zealand

INSTALLATION INSTRUCTIONS for
XANDER INSERT
WOOD BURNER
HARDWOOD TESTED - AUSTRALIA

APRIL 2016

TESTED in compliance with AS/NZS 2918: 2001

HARDWOOD TEST No. HCMG/15/088

A. Yunca recommends that competent trades persons carry out all installations (e.g. NZHHA Registered Installer), to obtain maximum performance and safe, efficient heating.

B. A permit is required and we suggest you check with local building inspectors as by-laws do vary from area to area.

Also notify your Insurance Company that a solid fuel heater has been installed.

C. Floor Protector –

1. Must extend as per table A as it can be reduced as the installation height is increased.
2. Must be at minimum of 860mm wide overall or 430mm from the centre of the unit.
3. Ash Floor Protector must be constructed of non-combustible materials.

D. Seismic restraint –

Heater must be restrained from seismic movement as required by AS/NZS 2918:2001.

E. Mantel Clearances.

1. Zero Clearance installation must have a minimum of 1180mm vertically to the nearest combustible material.
2. Masonry Install must have a minimum of 600mm vertically from the top vent to the nearest combustible material.

F. YUNCA Insert Flue Kit – Masonry (Complies with AS/NZS 2918:2001 Appendix F):

FIG A & F

1. 4.8m x 150mm stainless steel flue.
2. 1.2m x 250mm galvanised liner.
3. 1 x top cap & cowl.

YUNCA Insert Flue Kit – Zero Clearance (Complies with AS/NZS 2918:2001 Appendix F):

FIG B & G

1. 4.8m x 150mm stainless steel flue.
2. 4.8m x 200mm galvanised liner.
3. 4.8m x 250mm galvanised liner.
4. 1 x top cap & cowl.

Please Note: All flue joints must be sealed with flue sealing compound. Use stainless steel screws or rivets to join the flue pipe (three equally spaced places at each joint). The first length of flue must be fixed to the flue spigot with at least one stainless steel screw or rivet. The required minimum flue termination height is 4.6 m above the floor protector.

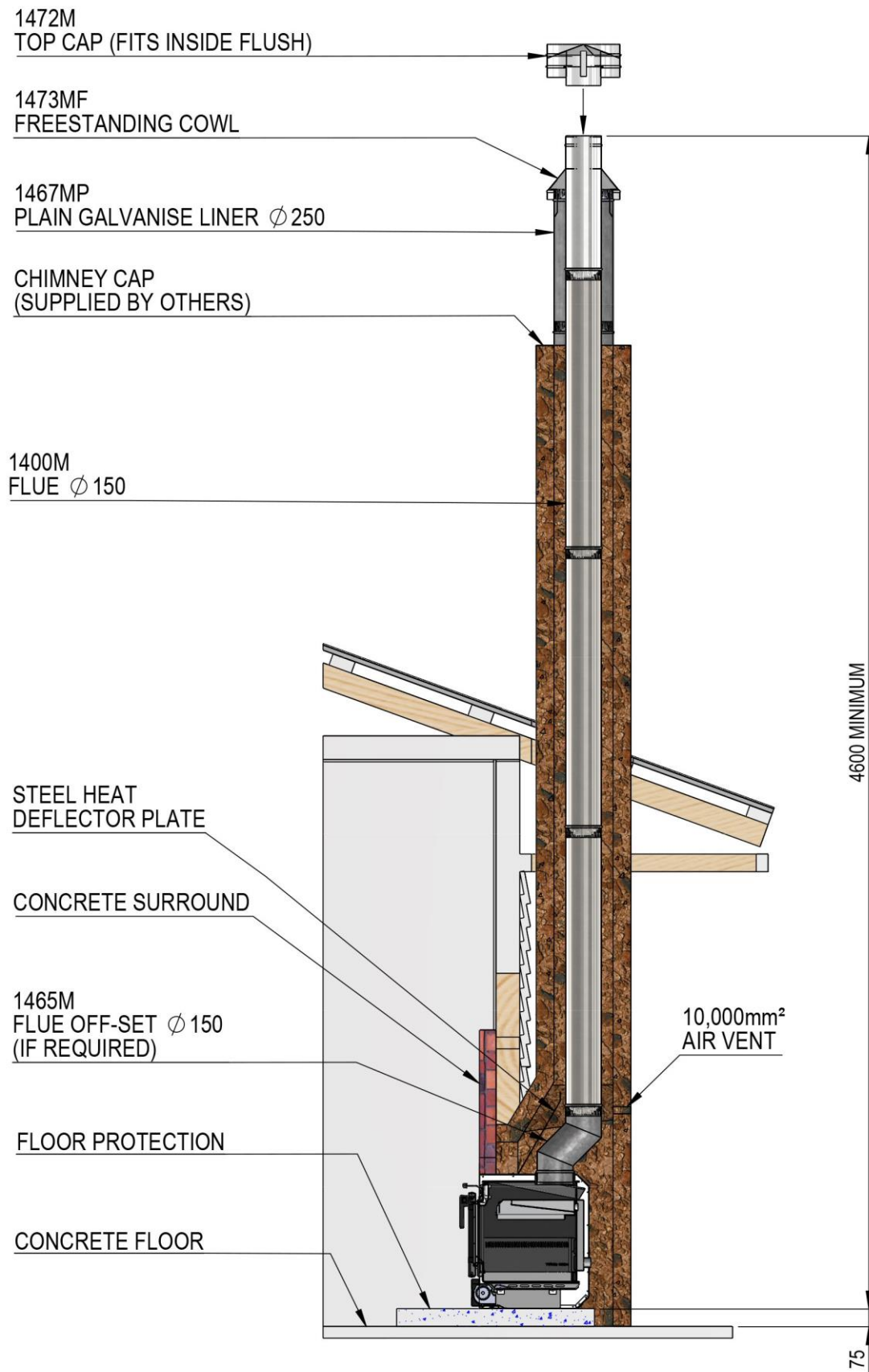
XANDER WOODBURNER – TYPICAL FLUE INSTALLATIONS

(Drawings on the following pages not drawn to scale)

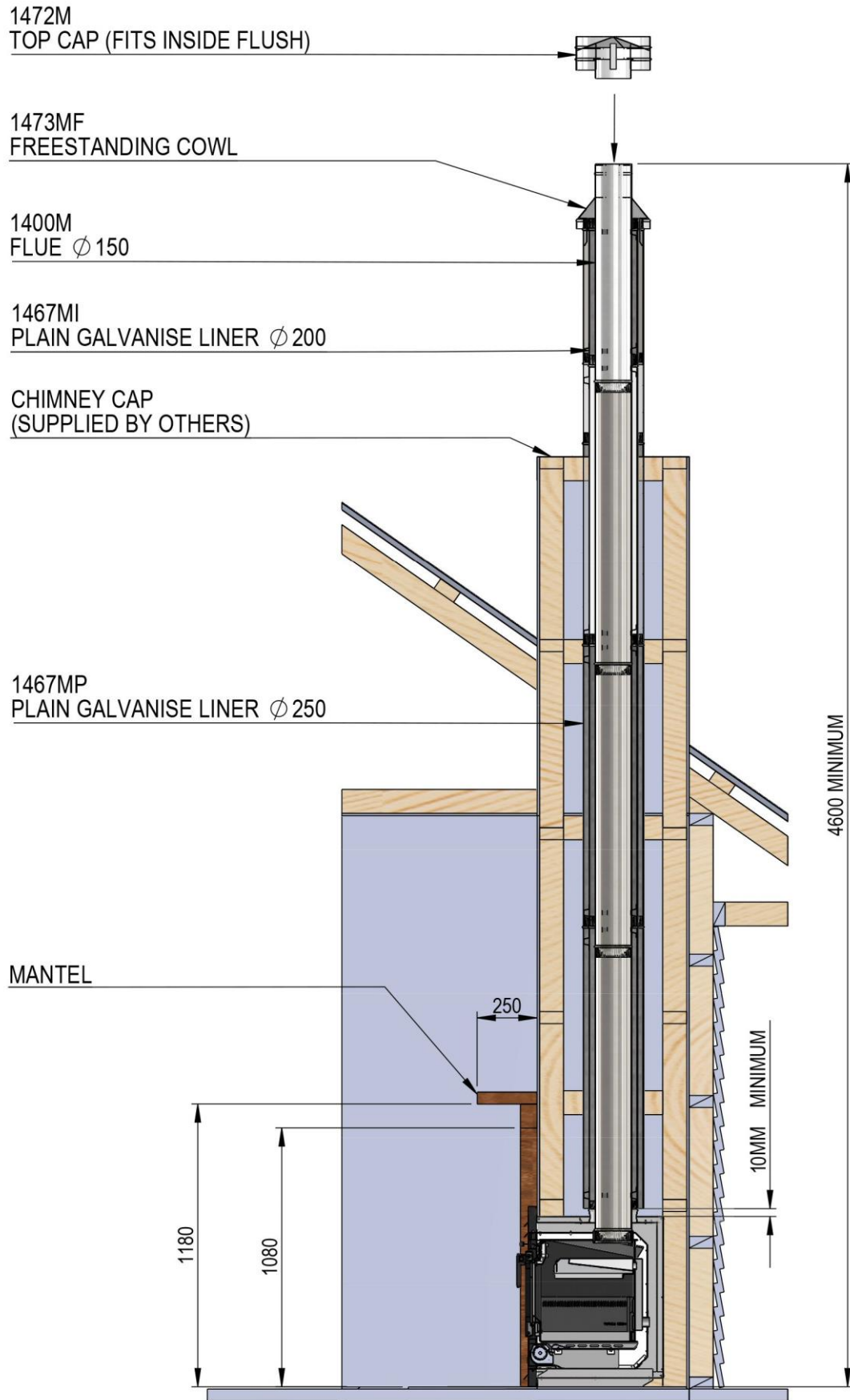
FIG A XANDER WOODBURNER

(Masonry) Kit Installation

Complies (with heater) to AS/NZS 2918:2001



**FIG B XANDER WOODBURNER
(Zero Clearance) Kit Installation**
Complies (with heater) to AS/NZS 2918:2001



CONDITIONS FOR FLUES (Refer Fig. C)

1. The FLUE shall extend to:

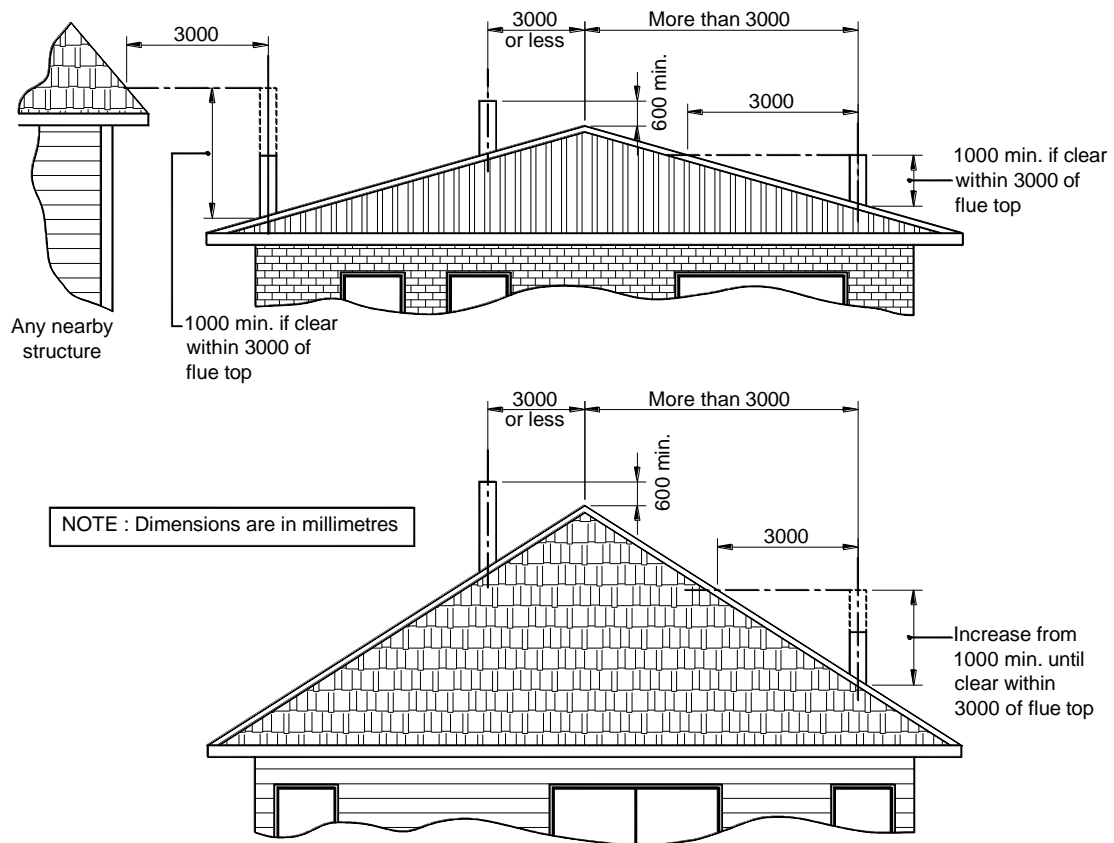
Not less than 600mm above the highest point on the roof if within 3.0m of that point, or
Not less than 1000mm above the intersection point with the roof and not lower than any point of the roof within 3.0m.

In any case the length of the flue shall not be less than 4.6m from the ash floor protector.

In some situations the Local Council may vary the above requirements.

2. The flue system must be tested and comply with AS/NZS2918:2001, Appendix F.
3. The insulation boundary shield shall be capable of preventing accidental migration of loose-fill or any combustible material by any action of wind or by persons moving in the ceiling space.

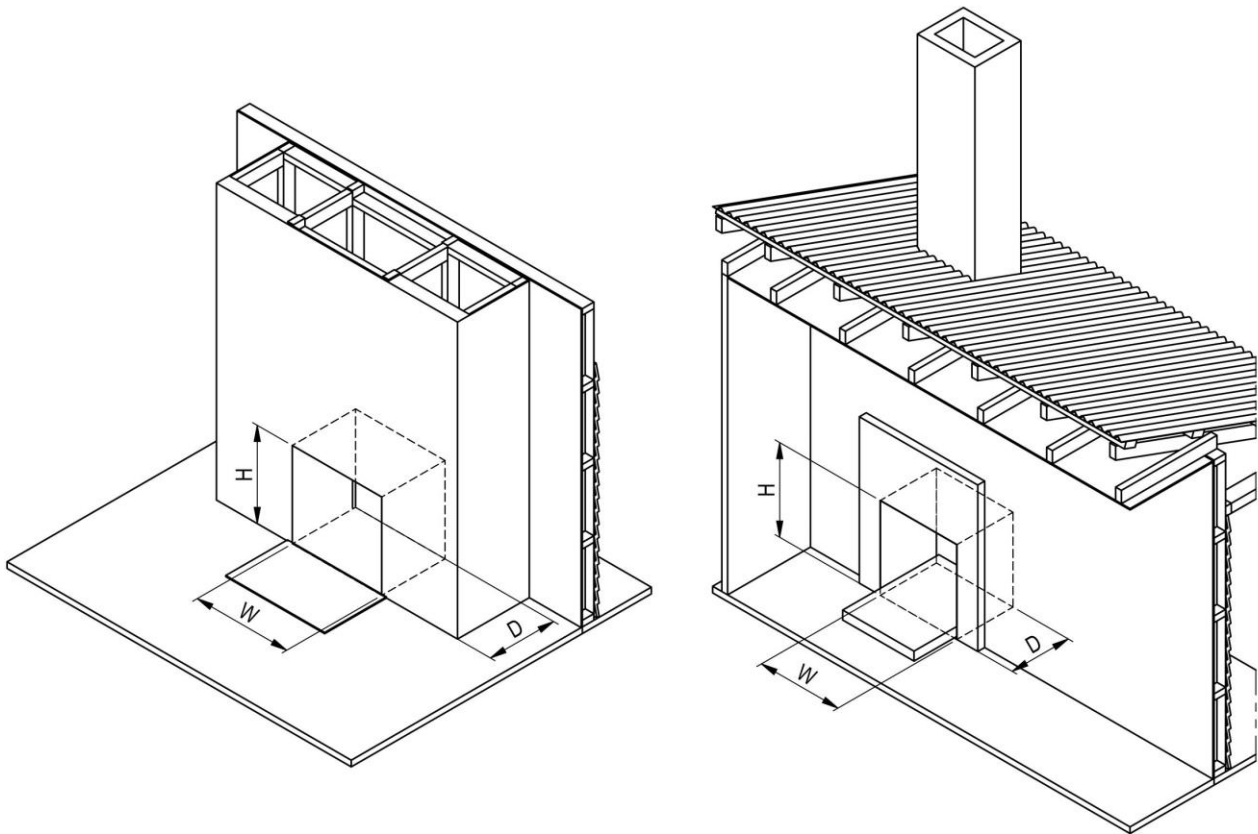
FIG. C: Conditions for Flues



MINIMUM HEIGHT OF FLUE SYSTEM EXIT

These instructions, spare parts information, operation and maintenance guides may be downloaded from www.yunca.co.nz

FIG. D: Cavity Dimensions. (Not to scale)



TIMBER CAVITY INSTALLATIONS

MASONRY CAVITY INSTALLATIONS

MODEL	MINIMUM DIMENSIONS (mm)		
	WIDTH (W)	HEIGHT (H)	DEPTH (D)
INSERT TIMBER	777	731	550
INSERT MASONRY	665	715	490

XANDER WOODBURNER THERMAL CLEARANCES

FIG E: THERMAL CLEARANCES FRONT VIEW

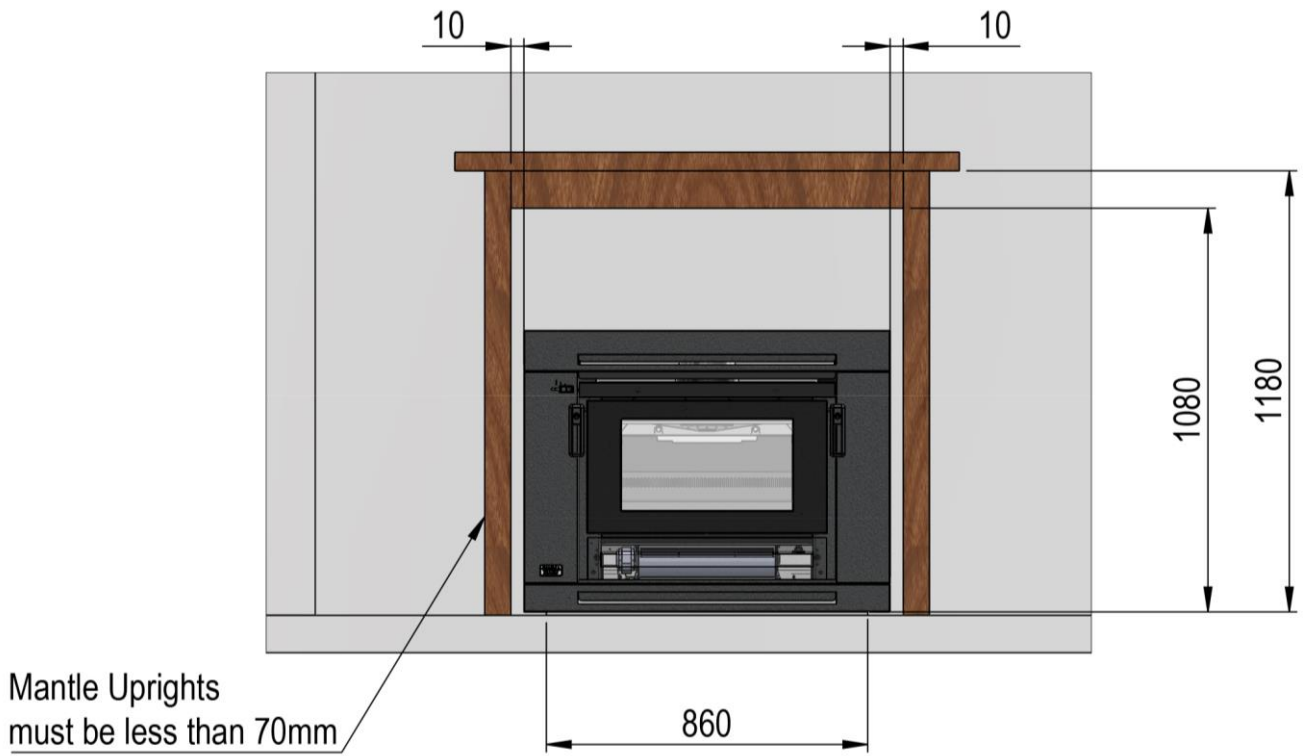


FIG F & G: THERMAL CLEARANCES CROSS SECTIONS

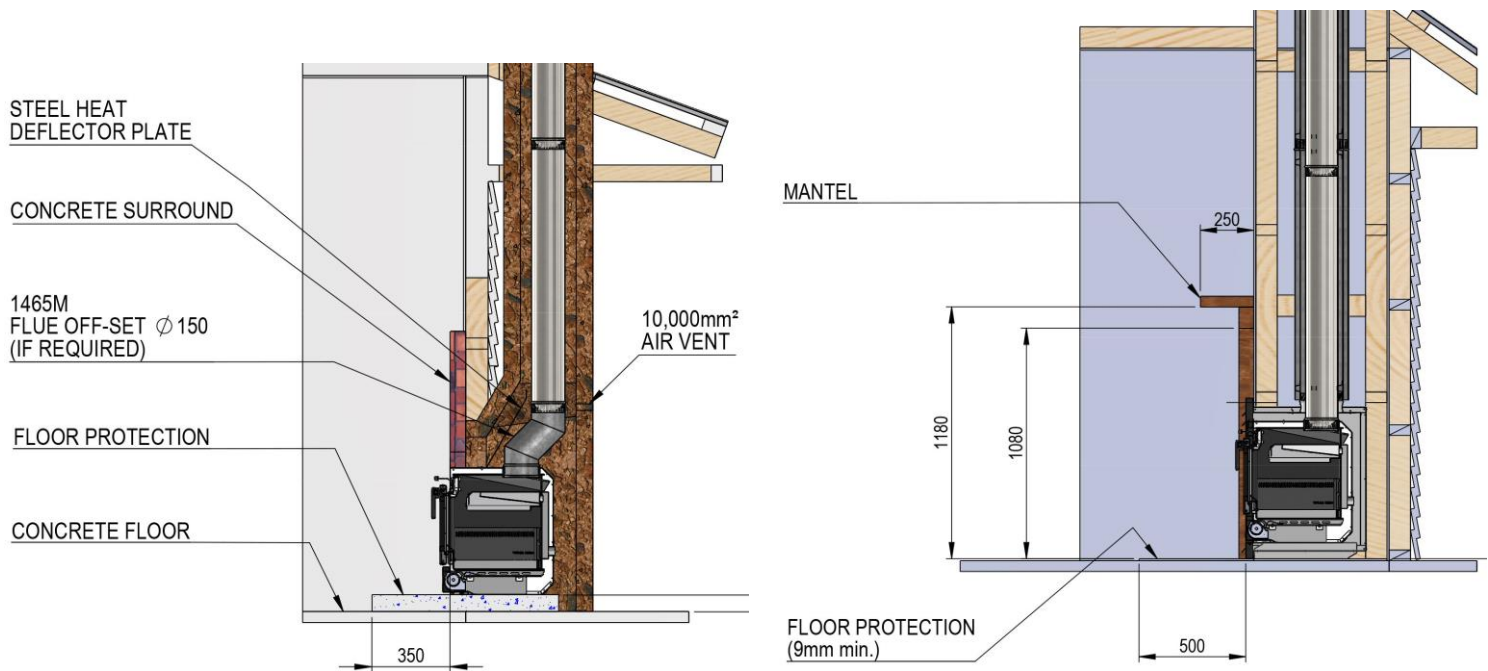


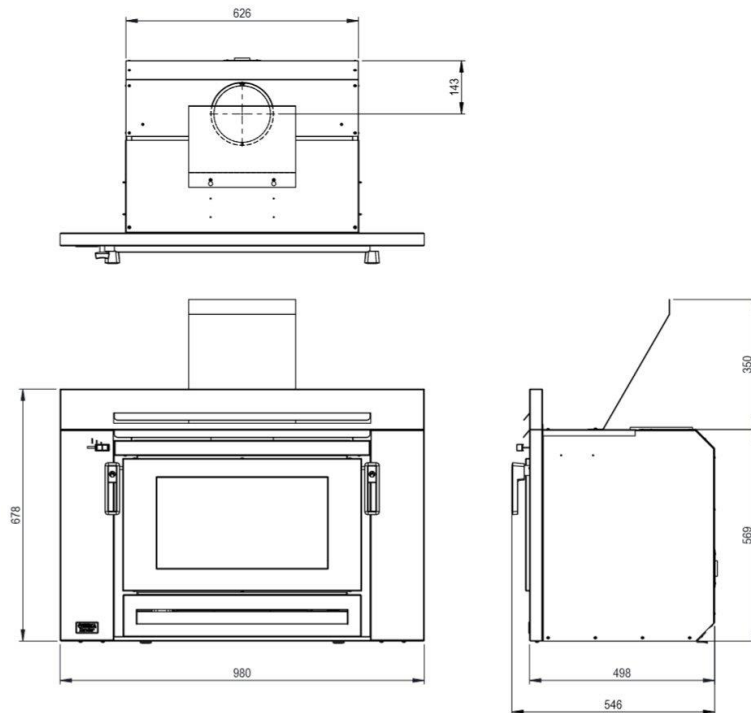
TABLE A - XANDER WOODBURNER FLOOR PROTECTOR REDUCTIONS

(Refer to Fig F & G) The floor protector extension from the unit can be reduced if the unit is elevated as per the following table:

	Elevation Increase (mm)							
	0	50	100	150	200	250	300	350
Zero Clearance	500	464	421	366	293	182	158	0
Masonry	350	312	262	186	64	0	0	0

XANDER WOODBURNER ELEVATIONS

MASONRY



ZERO CLEARANCE

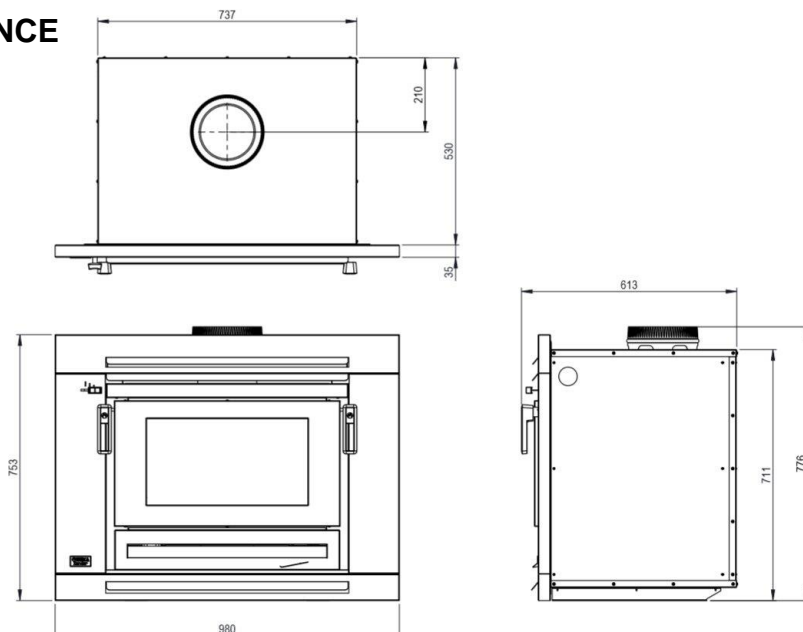
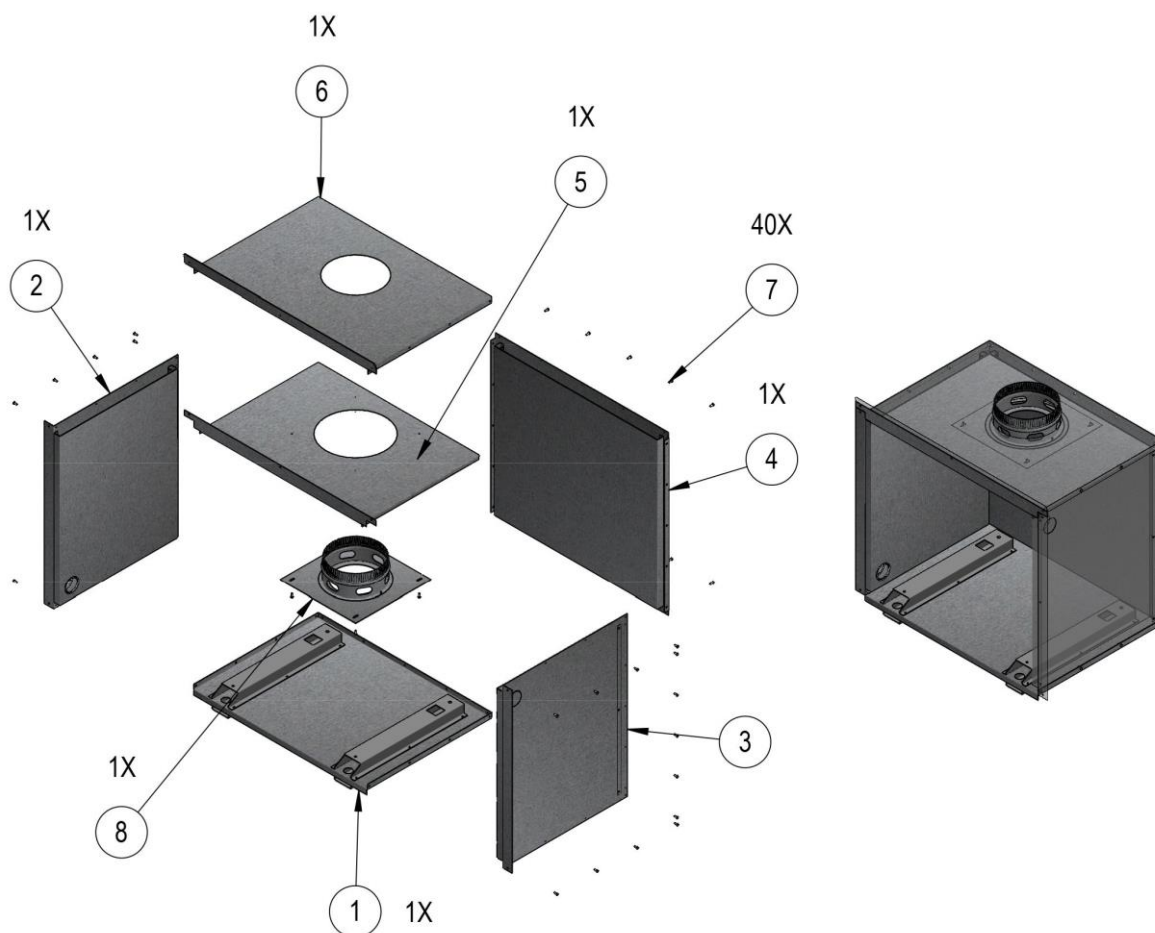


FIG H - XANDER WOODBURNER ZERO CLEARANCE ASSEMBLY

Note: The Xander Zero Clearance Kit is supplied as a flat pack and will require assembly before installation:



ITEM	DESCRIPTION	QTY
1	COWL BASE ASSEMBLY	1
2	LEFT SIDE COWL ASSEMBLY (SIDE-HOLE OPEN WITH RUBBER GROMMETS)	1
3	RIGHT SIDE COWL ASSEMBLY (SIDE HOLE COVERED)	1
4	REAR SIDE COWL ASSEMBLY	1
5	TOP SIDE COWL PANEL – INNER	1
6	TOP SIDE COWL PANEL – OUTER	1
7	8G x 1/2 PAN POZI SELF TAPPER ZP (0013)	40
8	COWL ADAPTER SPIGOT ASSEMBLY	1

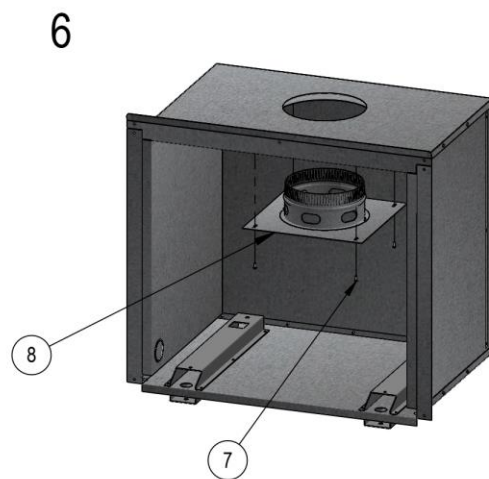
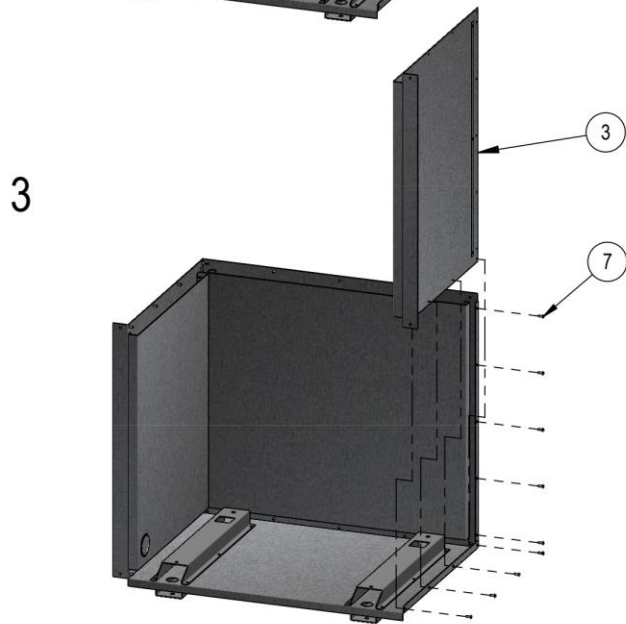
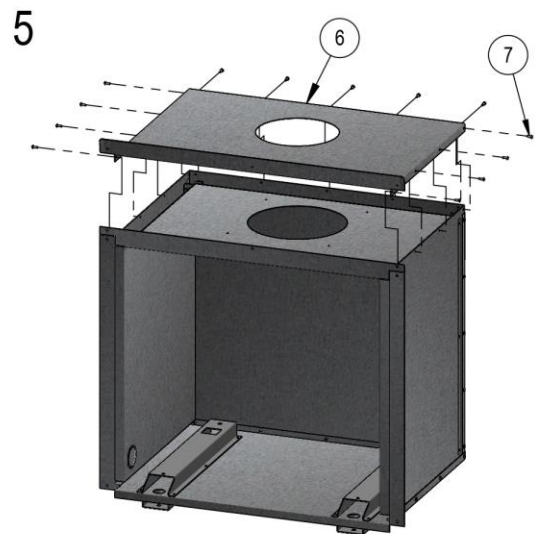
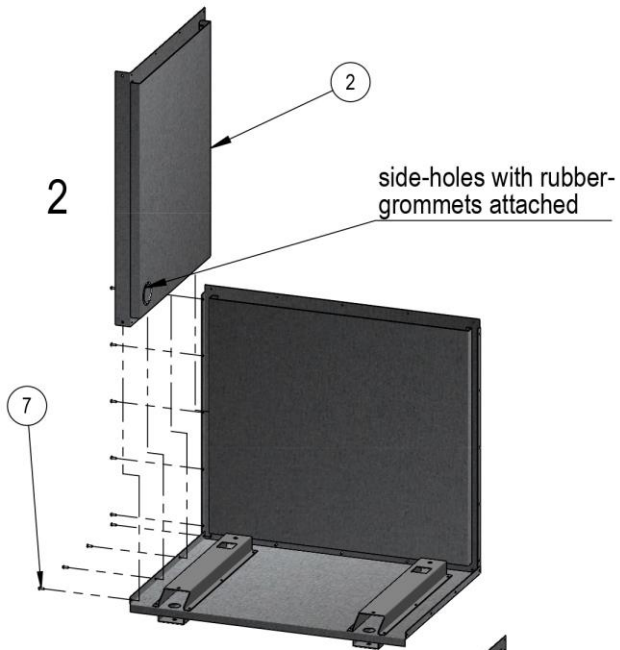
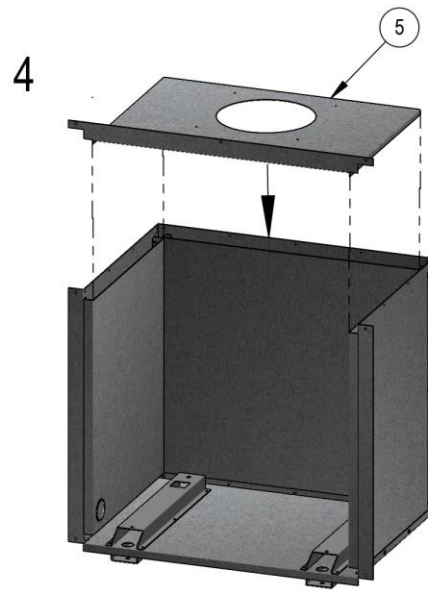
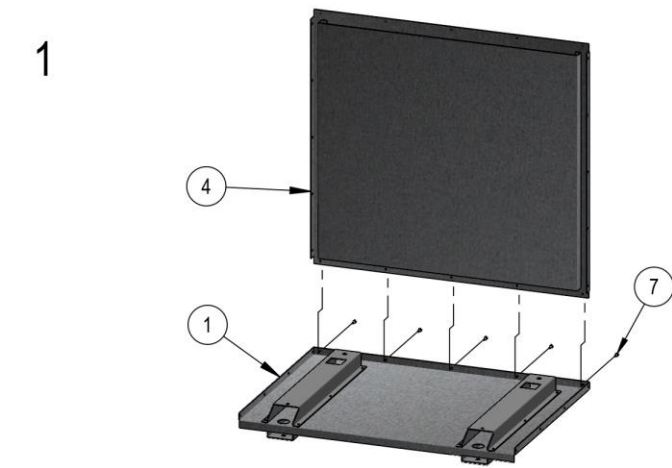


FIG I - XANDER WOODBURNER SEISMIC FIXINGS

Note: Please ensure the unit is fixed using dynabolts or similar in the locations as shown in the image at the bottom if this page.

Follow local Council's Specifications.

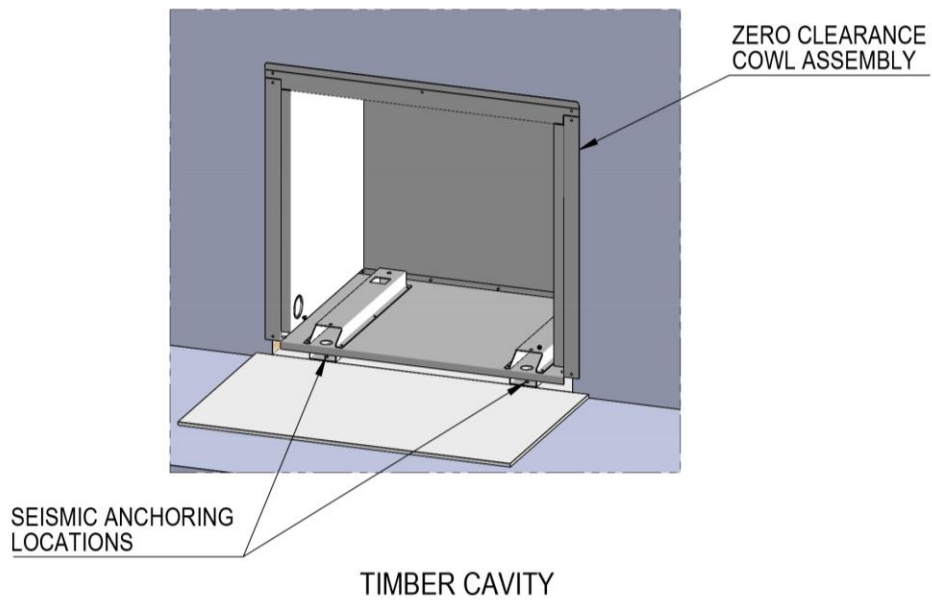
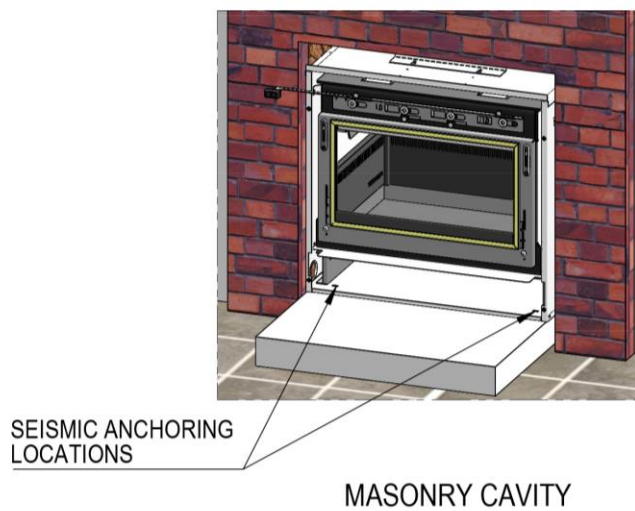
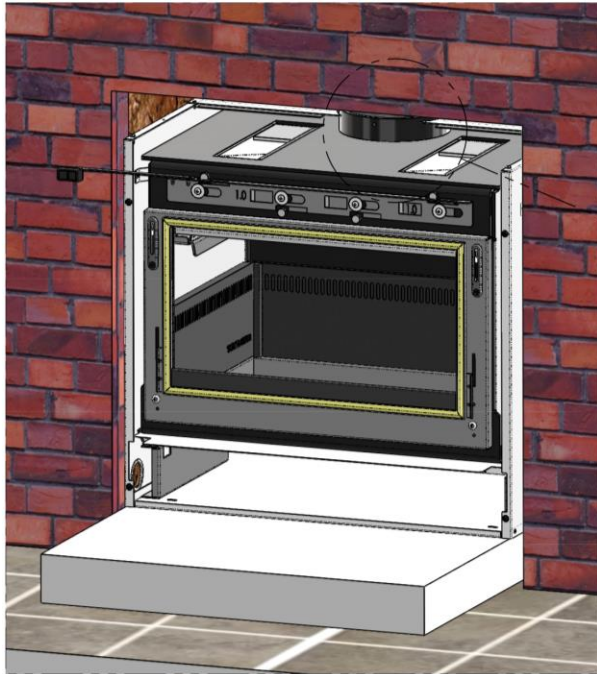
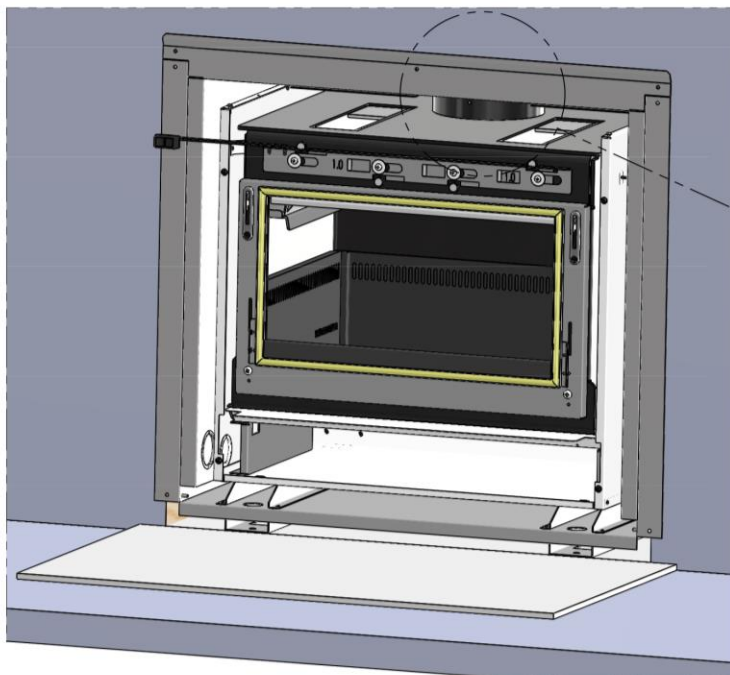


FIG J - XANDER WOODBURNER FLUE RING FIXING

Note: Access to fix the flue to the Flue is as follows:



MASONRY CAVITY

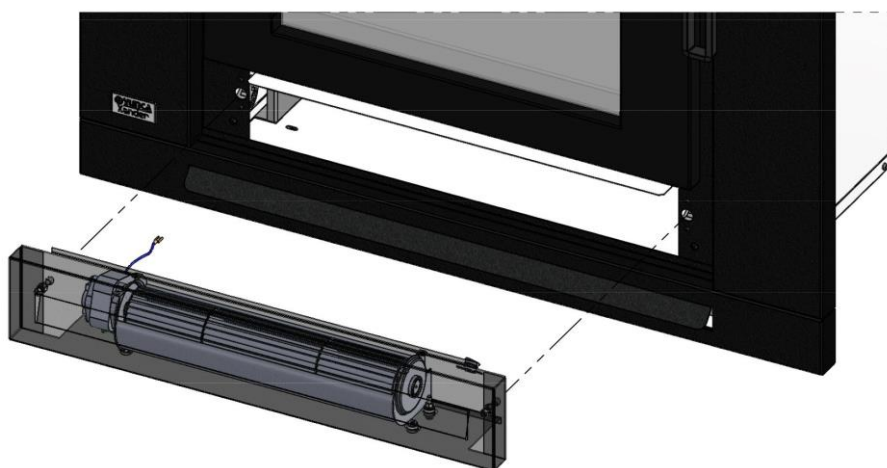


TIMBER CAVITY

FIG K - XANDER WOODBURNER FAN INSTALLATION

Note:

- Please ensure the fan is wired by a registered electrician and complies with all local regulations.
- Note the entry and exit point for the cabling and ensure measures are taken within the cavity to allow for this.
- Although the fan is controlled automatically by thermostat it is recommended that a speed control / isolator is installed in conjunction.



IMPORTANT INFORMATION

- THE APPLIANCE AND FLUE SYSTEM SHALL BE INSTALLED IN COMPLIANCE WITH AS/NZS 2918:2001 AND THE APPROPRIATE REQUIREMENTS OF THE RELEVANT BUILDING CODE OR CODES.**
- APPLIANCES INSTALLED IN ACCORDANCE WITH THIS STANDARD SHALL COMPLY WITH THE REQUIREMENTS OF AS/NZS 4013 WHERE REQUIRED BY THE REGULATORY AUTHORITY I.E. THE APPLIANCE SHALL BE IDENTIFIABLE BY A COMPLIANCE PLATE WITH THE MARKING "TESTED TO AS/NZS 4013"**
- ANY MODIFICATION OF THE APPLIANCE THAT HAS NOT BEEN APPROVED IN WRITING BY THE TESTING AUTHORITY IS CONSIDERED TO BE IN BREACH OF THE APPROVAL GRANTED FOR COMPLIANCE WITH AS/NZS 4013**
- MIXING OF APPLIANCE OR FLUE SYSTEM COMPONENTS FROM DIFFERENT SOURCES OR MODIFYING THE DIMENSIONAL SPECIFICATION OF COMPONENTS MAY RESULT IN HAZARDOUS CONDITIONS. WHERE SUCH ACTION IS CONSIDERED, THE MANUFACTURER SHOULD BE CONSULTED IN THE FIRST INSTANCE.**
- CRACKED AND BROKEN COMPONENTS E.G. GLASS PANELS OR FIRE BRICKS, MAY RENDER THE INSTALLATION UNSAFE.**