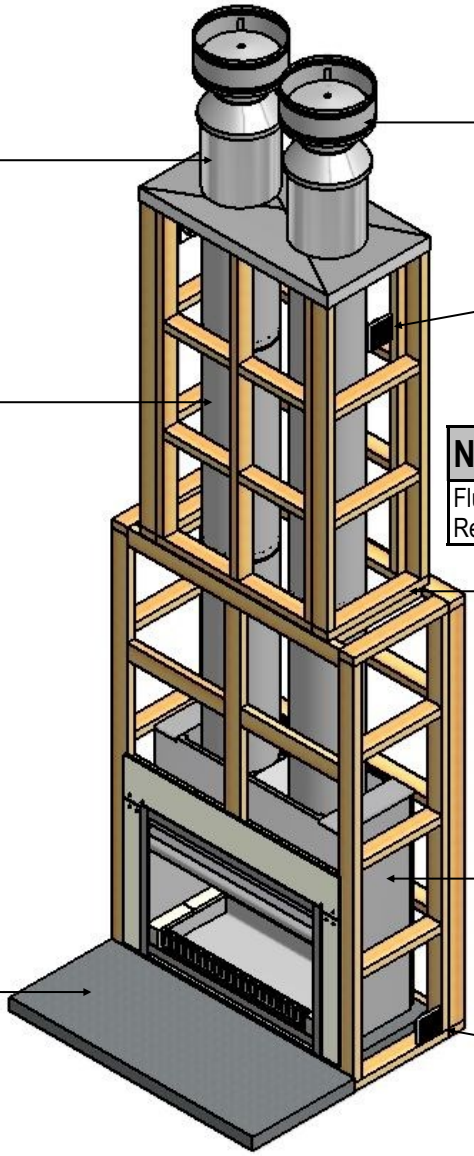
17 October 2017

SI 1100 Double Flue

Open Fire - Wood Burner
Installation Instructions



Note: FLUE SYSTEMS casing.

Flue System may require to be Doubled Lined to comply.
Ref ASNZS:2918:2001 4.3 Flue pipe casing

Visit www.warmington.co.nz for Spec's, DWG's and PDF uploads of Fires

Fire, Flue System and Instructions to Comply with ASNZS 2918:2001

Keep these Instructions for further reference……Ensure that you have the correct and current Installation details for the Warmington Fire

Installation

The Warmington unit is to be Installed by a Certified Warmington Installer or a Certified NZHHA Installation Technician .
See www.homeheat.co.nz/members for a Certified NZHHA SFAIT Installer in your area .

IMPORTANT

Read all the Instructions carefully before commencing the Installation. Failure to follow these Instructions may result in a Fire Hazard and void the warranty

POINTS TO CONSIDER PRIOR TO INSTALLATION

Location of the Fire. Open fires are better located at one end of a room or area, as they project the heat away from their opening.

The Topography of the land .
The slope and position of the land in relation to the home has a bearing on how the wind will interact with the fire and flue system. Care needs to be taken to ensure that the flue termination is in the correct position to maximise performance.

The Prevailing Wind.
Care needs to be taken to ensure that the flue termination is in the correct position as wind and gusts that hits the flue and cowl system may overcome the cowl and draft back down the flue into the home. This can be a combination of down draft and high pressure.

Hearth and Plinth:
The Height of the Hearth off the Floor. The Finishing that is to be used on the Hearth is to be allowed for at the design stage.
Note : Ensure Air Intake at Base of Firebox is not blocked or restricted .

Positioning of the Flue System:
There is a maximum distance that an offset flue can be Installed . Reference to AS/NZS 2918:2001 .

Flue And Fire Clearance:
To be maintained to the Manufactures Instructions &/or Comply with appropriate Standards & Building Codes .

Pressure Differential, Venting & External Air into the Building :
All fires need air to burn and draw correctly, Kitchen Fans, Air Conditioning units, High Wind Zones, Naturally forming Draft spaces, can all have an effect on the pressure difference from inside the building to the outside. A lower pressure in the building may induce a draft down the flue system and back into the building causing the fire to smoke or spill into the building. **Care needs to be taken at the design and installation stage to adequately vent the building, or some mechanical system to ensure that there is always a neutral or positive pressure at the fireplace and a negative pressure at the flue outlet.** This will ensure that the draft in the flue system is always to the outside.

"CAITEC AIR" the limits and requirements. See details in these Spec's

Wind Noise:
You may encounter wind noise in some installations. It is recommended to use an enclosed chase with a chimney pot to help reduce noise. There will always be some noise from the flue systems of all fireplaces.

INSTALLATION ORDER OF OPERATIONS

Prior to Construction and Installation<u>Important Notes</u>:
Install to AS/NZS 2918:2001.
Install to manufacture's specifications.
All new installations require a permit.
For special requirements concerning materials (timber mantle and surrounds) within close proximity of Warmington products, please contact your local Warmington Technical Consultant.

Stage 1: Frame Construction Procedure by Builder.
Mark out flue centre.
Mark out heat cell clearance requirements.
Construct plinth only, to required height. *

Stage 2: Install Procedure by Certified "Warmington Installer" only or see www.homeheat.co.nz go to "members" & follow Instructions to get a Certified NZHHA SFAIT Installer .

Fit fire to plinth.
Fit adaptor to Firebox.
Fit Heat Cell System.
Fit flue system.
Fit cowl and flashing system

Stage 3: Finishing Procedure by Builder.
Construct hearth to required thickness. *
* Note: certified installer can install hearth and plinth.

Ensure that the Warmington and flue system is swept annually or more frequently if required.

To sweep flue and firebox:
Cover front of fire with sheets.
Remove cowl from top of chimney.
Sweep from the top, down the flue.
Remove all soot and ash.
Ensure cowl and bird protection is clean and replaced.

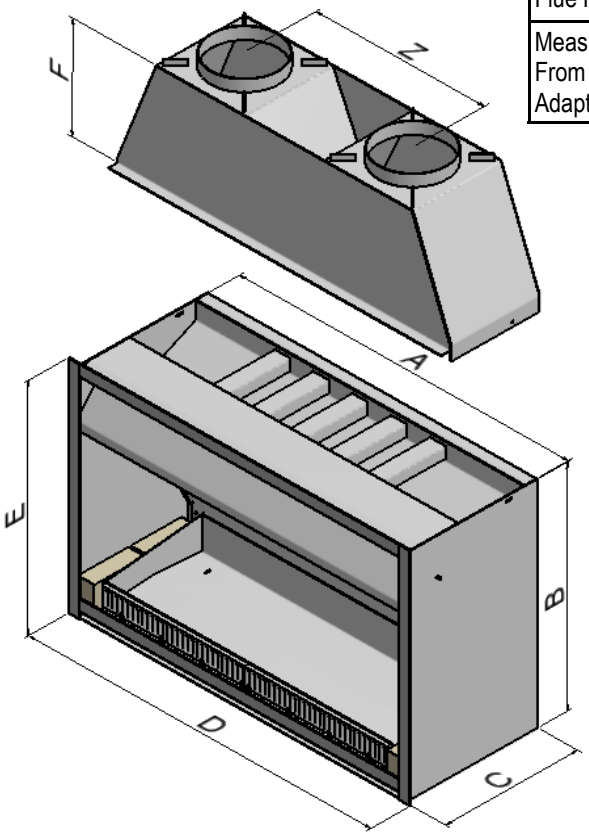
Visually inspect fireplace and flue system.

WARMINGTON FIREBOX DIMENSION

Firebox		SI 1100 DF
Firebox Width	A	1100
Firebox Height	B	800
Firebox Depth	C	500
Flange Width	D	1150
Flange Height	E	825
Adaptor Height	F	278
Centre of Flue	J	338
Flue	K	250
Flue Liner	L	350
Between Flue Centres	Z	550
Heat Output	kW	
Peak*		30
Range*		14

*Estimated unless stated otherwise.

Minimum Flue Height	
Flue Height	3600
Measured From Top of Adaptor	B + F + 3600

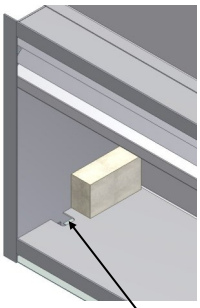


lote:

DO NOT FRAME OUT TO THESE DIMESIONS. CHECK HEAT CELL ALCOVE ON PAGE 5 & 6.

FIREBOX HEAT SHIELD CABINET

Firebox		SI 1100 DF
Cabinet Width	G	1170
Cabinet Height	H	1200
Cabinet Depth	I	580



Seismic Restraint Located under bricks

Adaptor Fitting
Seal Adaptor to Firebox using High-temp Gasket Sealant. Bolt through holes provided.
Seismic Restraint
Secure Firebox through Anchor Positions provided.

Check List	
Firebox	
Adaptor (Fastenings)	
Ash pan	
Bricks	
Louvers	
Badge	
Damper Handle	
Packed By	

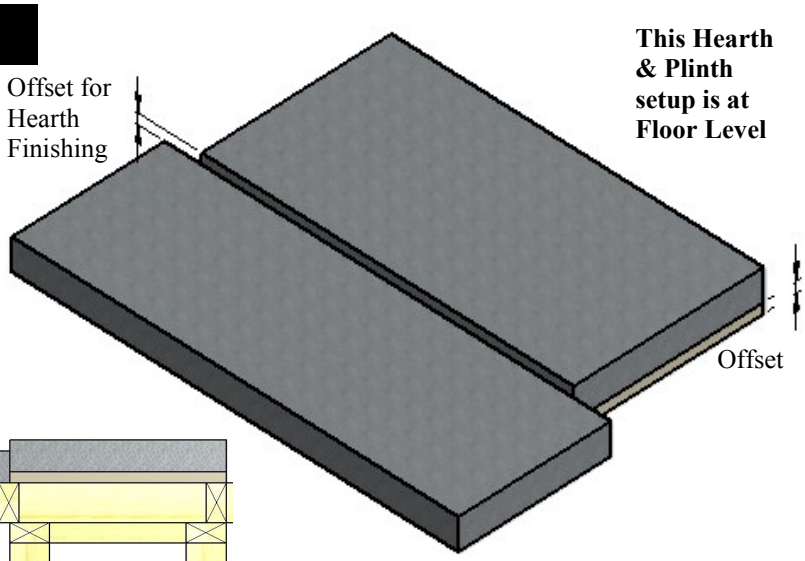
FIREBOX INSTALLATION

This is a general installation guide only – Contact a "NZHHA Installer" for Installation Advice.
See : www.homeheat.co.nz , choose "members" & pick your Area & Fire type (wood / gas etc) this will provide you with a NZHHA Certified Installer (use the SFAIT Installers Only .)

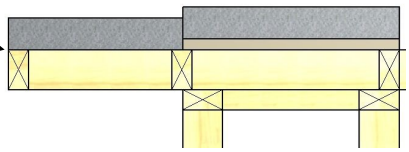
1. All the dimensions are minimums
2. Fit the Plinth into position in the Cavity. If onto a wooden floor ensure that an insulating plinth is fitted as per the specifications. **Ensure that the plinth is elevated to allow for finishing on the hearth. (See Hearth and plinth details)**
3. Assemble back panel and sides of the heat shield, position into Cavity.
4. Fit the firebox into the Cavity, allow for the Fascia to fit behind the flange and to the timber framing. (Approx 10mm) Bolt the fire box to the plinth or through to the floor with the bolting point provided on the Left and Right hand sides of the fire box (seismic restraints).
5. Fit the Adaptor to the Fire box. Ensure that exhaust sealant is used between the fire and Adaptor. Bolt into position with the bolt in the Left and right hand sides of the Fire box.
6. Install the flue system.
7. Fit the front of the heat shield and rivet into position. Fit Lintel cap and Caps to the heat shield.
8. Fit the Fascia kit between the heat shield and behind the firebox flange. This fitment will be firm and will complete the shielding around the fire system.

HEARTH & PLINTH CONSTRUCTION DETAILS

Note: Hearth and Plinth Construction.
For Combustible Flooring an Insulating Hearth and Plinth of 75mm ACC Block is required.
Plinth to be Offset above Hearth by the Hearth Finishing's (e.g. Tiles / Granite / Solid Plaster / etc)
Raised Hearth's & Plinth's with cantilevered Hearth's must be adequately supported to take the weight in Accordance with the NZ Building Code .



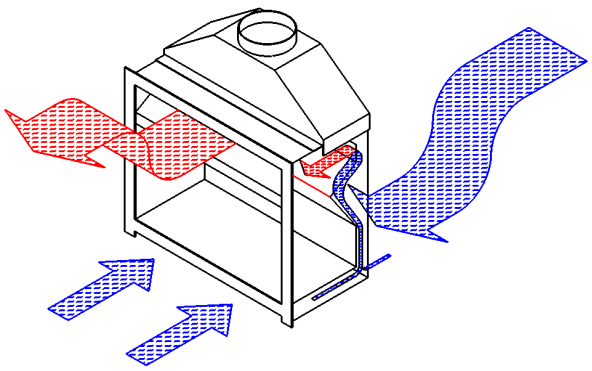
This is a Raised & cantilevered Hearth.
See page 15 for further Raised Hearth Detail



***Note: If Solid Plastering the Heat Cell Structure, it is recommended to use a Fibreglass Mesh with a Latex Based Plaster to minimise the chance of the Solid Plaster cracking. (See your Solid Plasterer for correct materials and applications).**

Visit the Warmington Web Site for "ACC Block (Hebel)" instruction (PDF Download)..

"CAITEC" TECHONOLGY—ROOM AIR REPLACEMENT



Caitec" draws air from an external air source to ensure that the open fire has pre-heated combustion air maximising efficiency while maintaining the home at constant pressure equilibrium, reducing the risk of back drafting .
Ensure that the cavity is vented to Outside fresh Air and the Warmington will take care of the rest. 2 x 100mm Diameter vent are required (Or equivalent to that.)
Builder to supply external air to the Cavity and the "Warmington Fire" takes care of the rest.

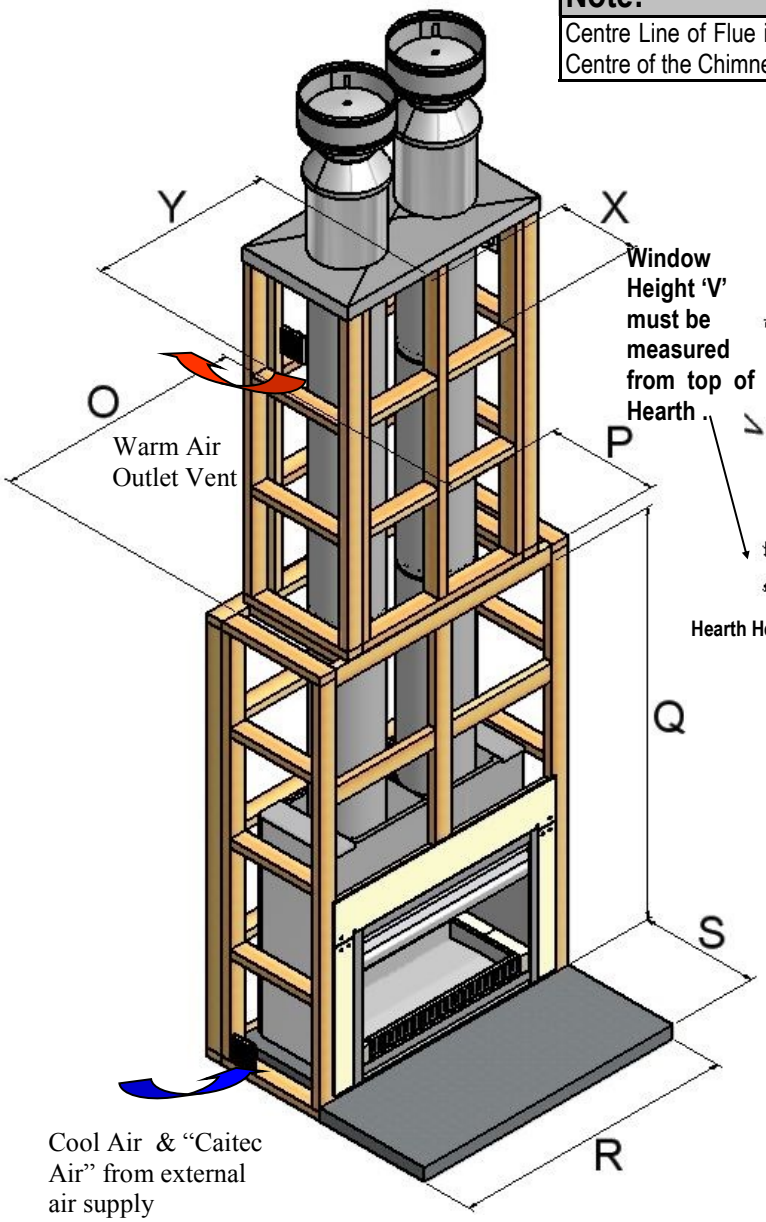
NOTE : Points to Consider regarding Pressure differential.

TIMBER FRAMING & TRIM OUT DETAILS

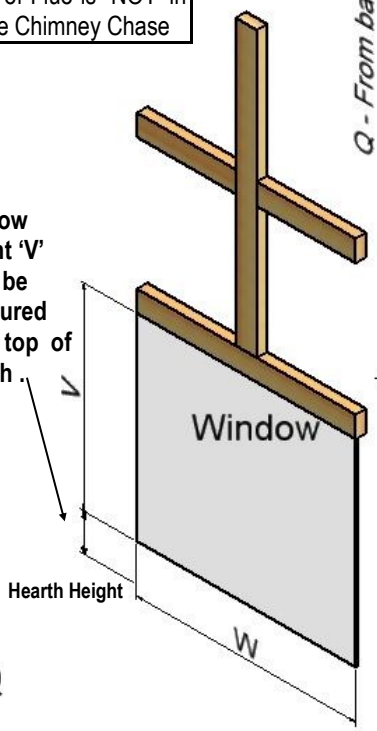
Firebox		SI 1100 DF
Heat cell Clearance Width	O	1350
Heat Cell Clearance Depth	P	610
Heat Cell Clearance Height	Q	2203
Hearth Width	R	1550
Hearth Projection	S	650
Window Height	V	1000
Window Width	W	1350
Chimney Chase Clearance	X	450
Chimney Chase Clearance	Y	1000

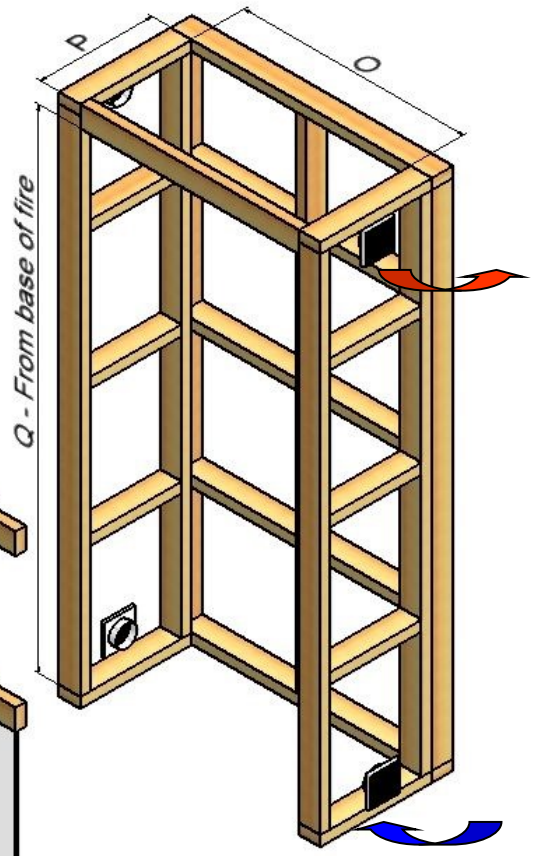
MINIMUM HEAT CELL ALCOVE CLEARANCES & FRAME OUT

Note:
Centre Line of Flue is `NOT' in Centre of the Chimney Chase



Window Height 'V' must be measured from top of Hearth .





Note: Front Framing to be constructed after Firebox is installed

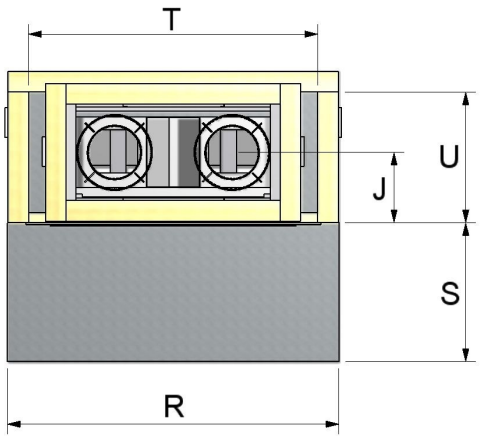
Note:
Centre Line of Flue is `NOT' in Centre of Alcove

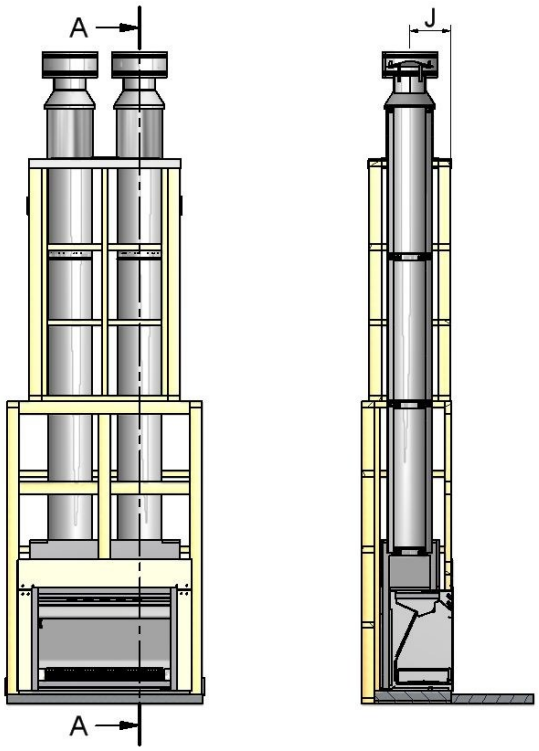
Note:
All Framing Dimensions are Internal Only

TIMBER : PLAN, FRONT ELEVATION & CROSS SECTION

Firebox		SI 1100 DF
Hearth Width	R	1550
Hearth Projection	S	650
Plinth Width	T	1350
Plinth Depth	U	610
Centre of Flue	J	338
Chimney Chase Clearance	X	450
Chimney Chase Clearance	Y	1000

Note:
Centre Line of Flue is `NOT' in Centre of Alcove

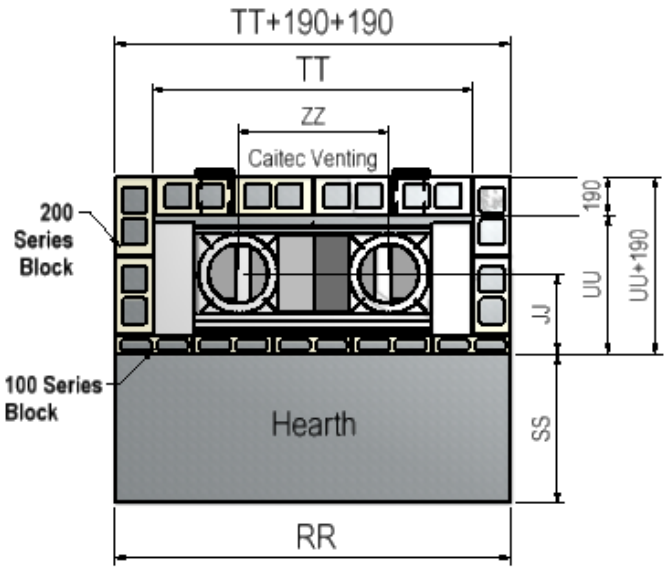


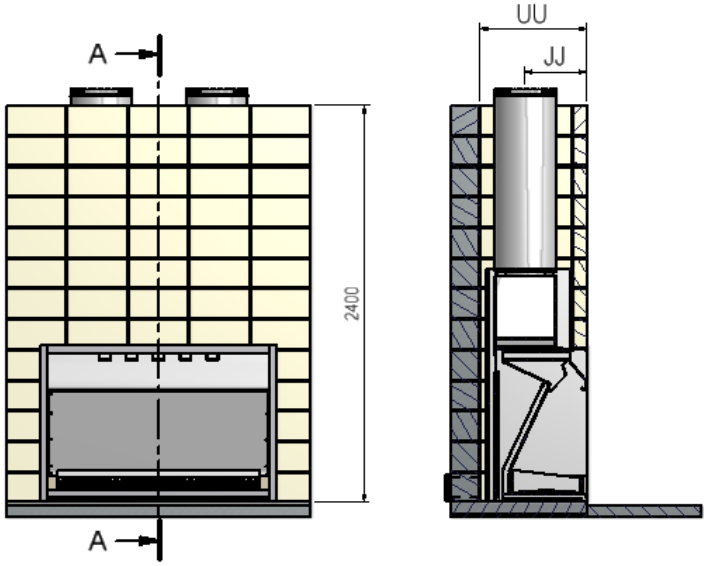


BLOCK : PLAN, FRONT ELEVATION & CROSS SECTION

Firebox		SI 1100 DF
Hearth Width	RR	1550
Hearth Projection	SS	650
Plinth Width	TT	1210
Plinth Depth	UU	700
Centre of Flue	JJ	338
Between Flue Centres	ZZ	550

Note:
Centre Line of Flue is `NOT' in Centre of Alcove

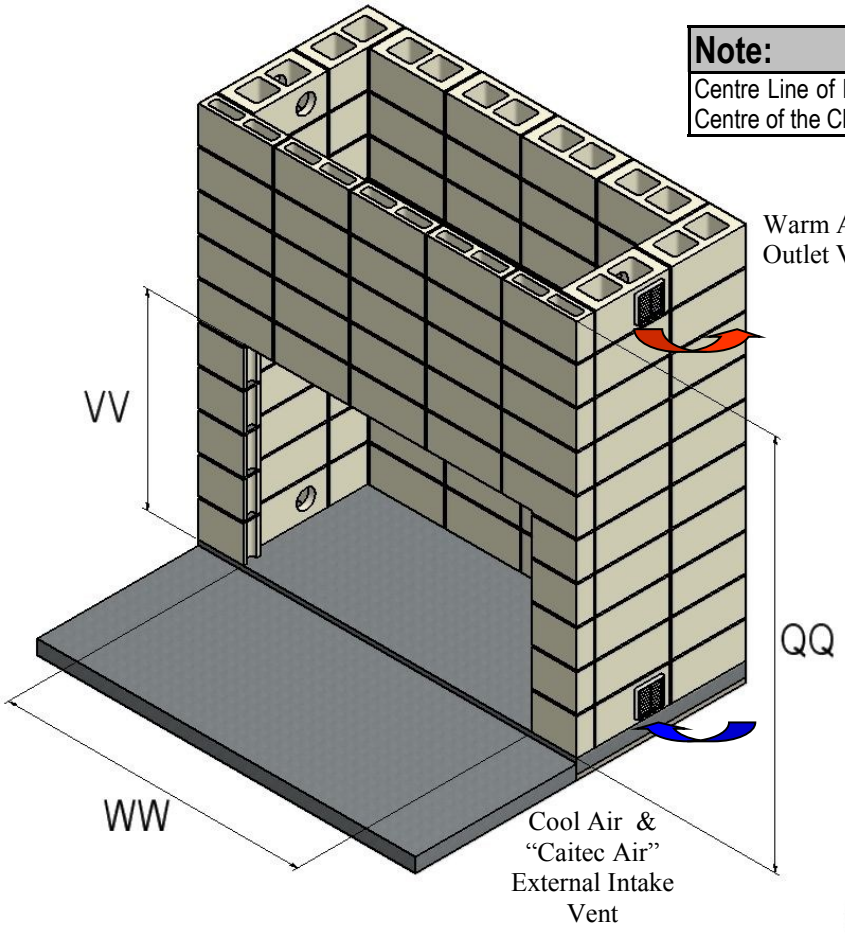


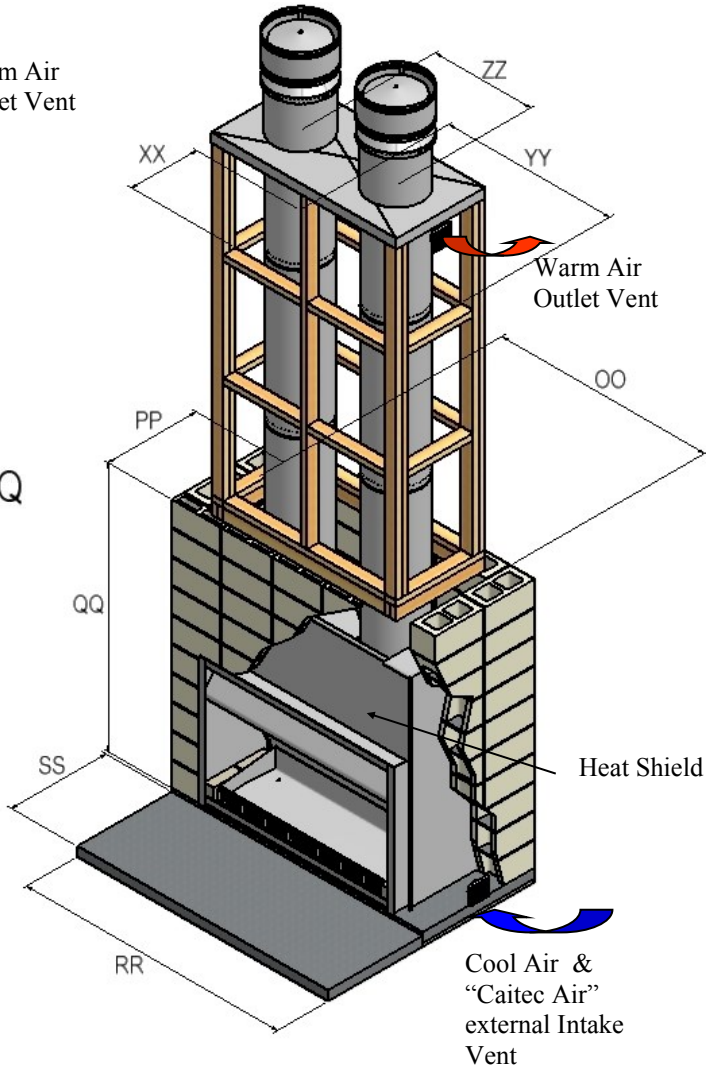


BLOCK ALCOVE & TRIM OUT DETAILS

Firebox		SI 1100 DF
Heat cell Clearance Width	OO	1210
Heat Cell Clearance Depth	PP	700
Heat Cell Clearance Height	QQ	2390
Hearth Width	RR	1550
Hearth Projection	SS	650
Window Height	VV	810
Window Width	WW	1120
Chimney Chase Clearance Depth	XX	450
Chimney Chase Clearance Width	YY	1000
Between Flue Centres	ZZ	550

Note:
Centre Line of Flue is `NOT' in Centre of the Chimney Chase





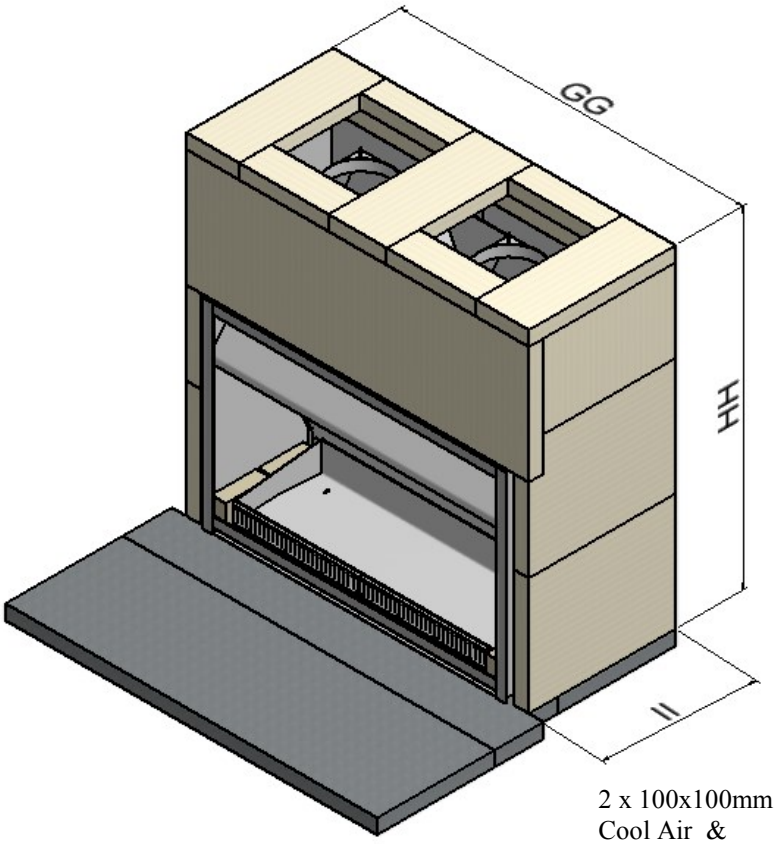
MINIMUM HEAT CELL BLOCK ALCOVE CLEARANCES

Note:

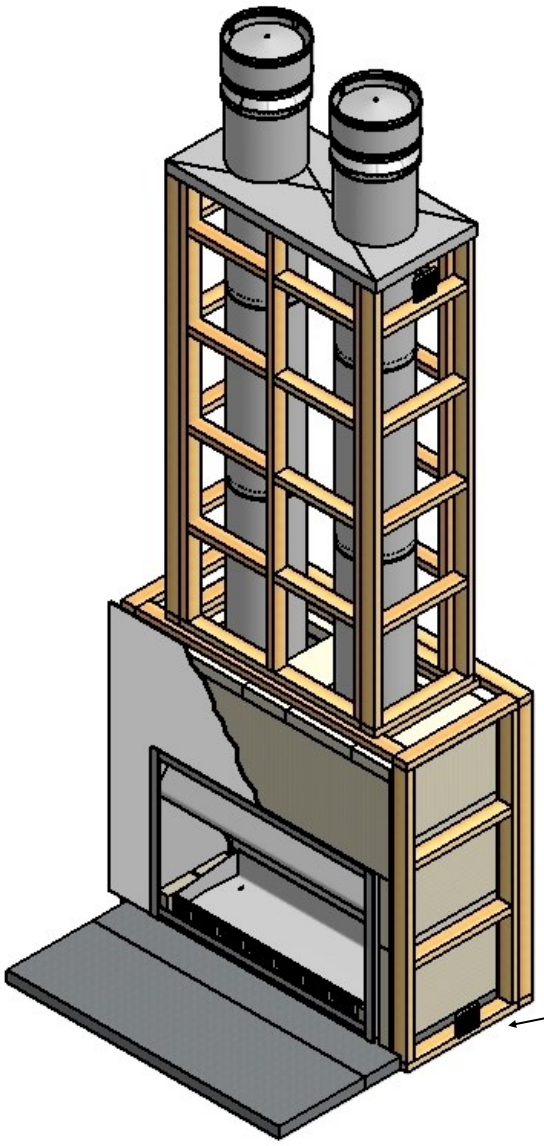
Ensure that the Fire and Flue System is Installed before the alcove access is blocked off.
Block modules may vary to the drawing. (See Blocklayer)

FIREBOX ACC CONCRETE HEAT CELL

Firebox		SI 1100
Surround Width	GG	1340
Surround Height	HH	1285
Surround Depth	II	635
Hearth & Plinth		75



2 x 100x100mm Cool Air & "Caitec Air" external Intake Vent each side or in rear of the ACC Block Heat Cell



2 x 100x100mm Cool Air & "Caitec Air" external Intake Vent each side or in rear

Note:

1. **All Framing is to be clear of the ACC heat cell by 25mm**
2. **All other clearances are to comply with ASNZS:2918, and or the manufacturers instruction**

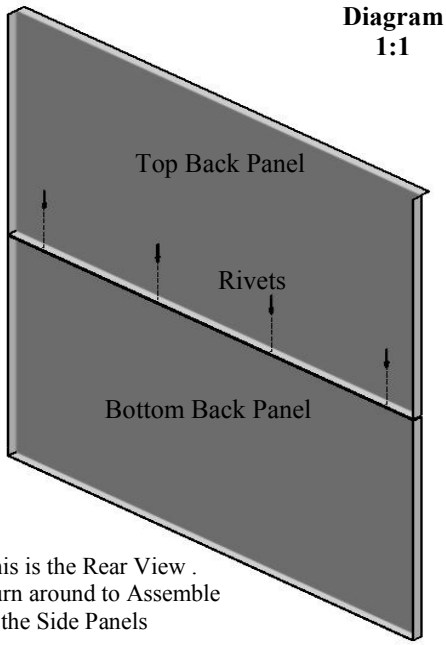
The ACC Concrete Heat Cell is constructed around the firebox, using 75mm ACC Concrete.

(2400x600x75) Power Panels are required for basic heat cell construction as shown in detail "Firebox with ACC Concrete Surround"

*Note: If plastering the Heat Cell structure, it is recommended to use a fibreglass mesh with a latex plaster to minimise the chance of the plaster cracking. (See your plasterer for correct materials and applications).

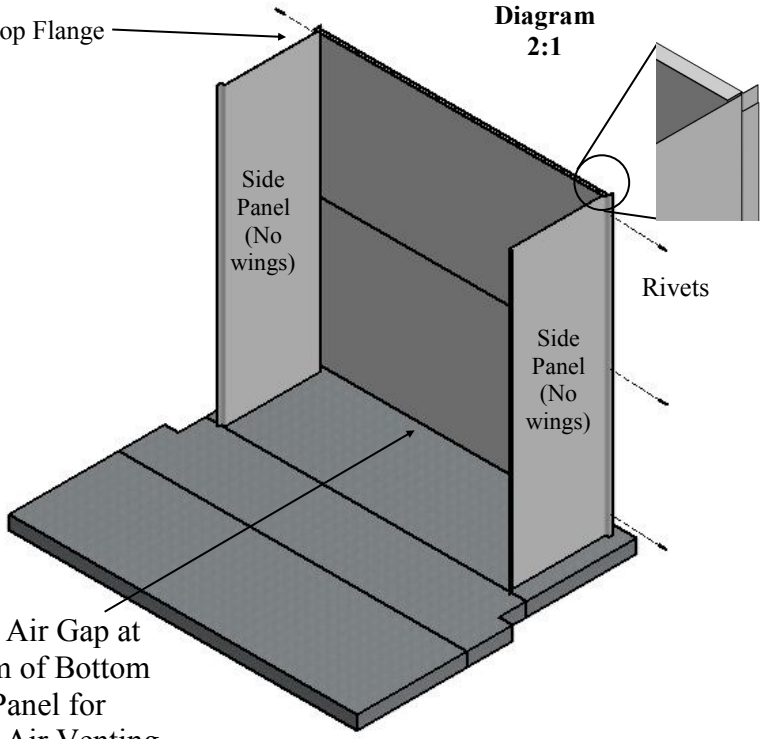
HEAT SHIELD ASSEMBLY - FOR INSTALLATION INTO HEBEL HEAT CELL (NO FASCIA KIT)

Diagram 1:1



This is the Rear View .
Turn around to Assemble to the Side Panels

Diagram 2:1



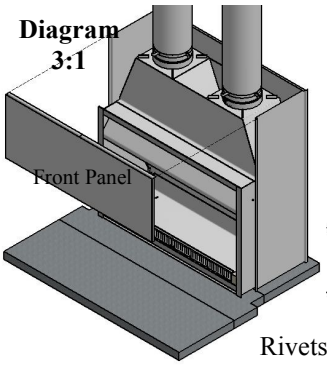
Step 1 :

Assemble Top & Bottom Back Panel together by Riveting together at the centre as shown in diagram 1:1 . The Top Back Panel has a double Shield layer at the Top .

Step 2 :

Rivet 2X Side Panels to pre assembled Back Panels as shown in 2:1 , ensure the Top Flange on the Back Panel sits on the Side Panels creating a 20mm Air Gap at the bottom for the Caitec Air Venting .

Diagram 3:1



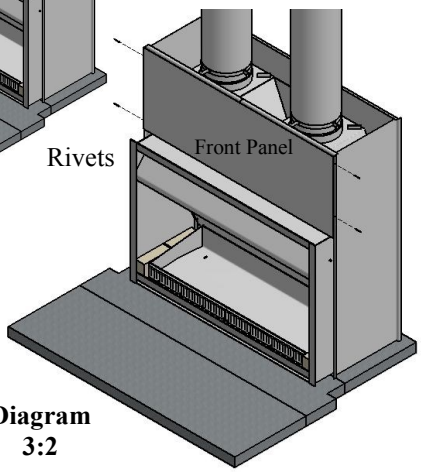


Diagram 3:2

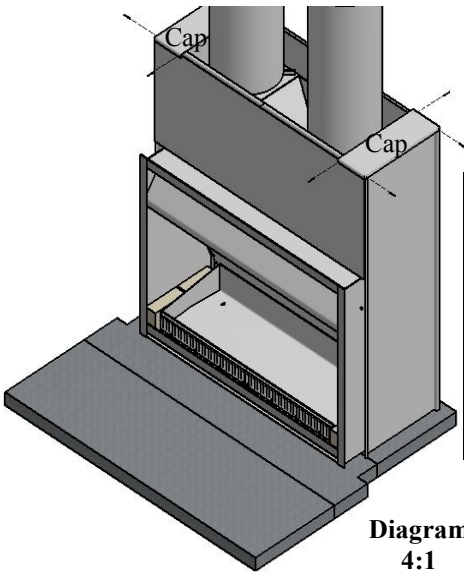


Diagram 4:1

Heat Shield Check List	
Front Panel	
Back Panel	
Side Panel LH	
Side Panel RH	
Top Cap LH	
Top Cap RH	
Packed By	

Step 3 :

Install Firebox/Adaptor & secure in place , then Install first length of Flue's with a Spacer's at the Bottom , assemble Front Panel to Heatshield as shown in diagram 3:1 & secure in place by riveting as shown in 3:2

Step 4 :

Assemble Top Caps to Heatshield & secure in place with rivets as shown in diagram 4:1 . Install Flue Liners over S/S Flue's

HEAT SHIELD ASSEMBLY - FOR INSTALLATION INTO FRAMING (WITH FASCIA KIT)

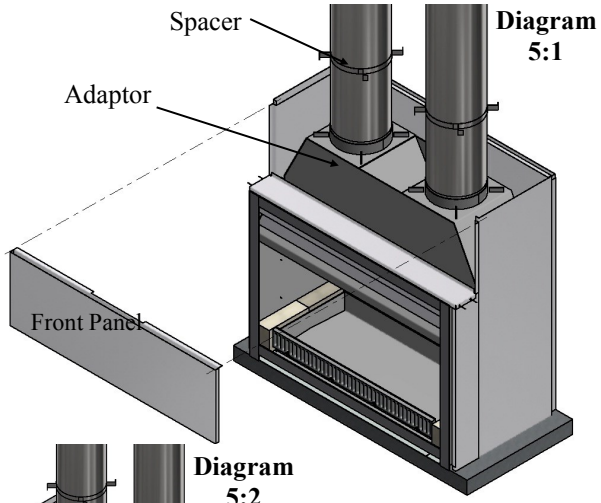


Diagram 5:1

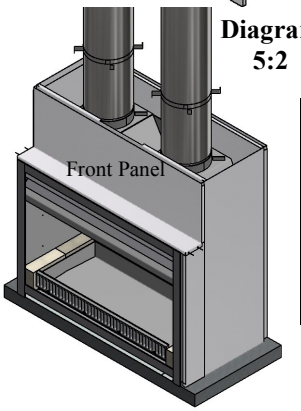


Diagram 5:2

Step 5 :

Assemble Front Panel to Heat Shield as shown in 5:1 & rivet in place as shown in diagram 5:2

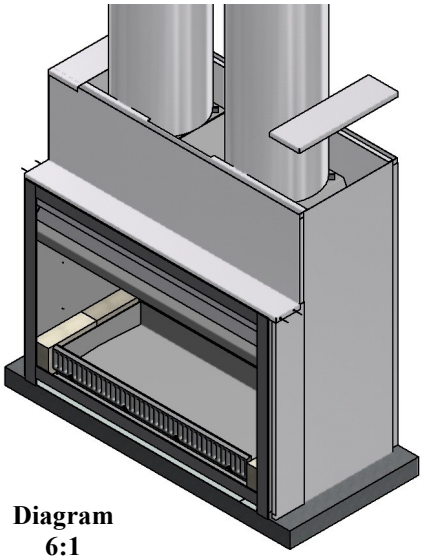


Diagram 6:1

Step 6 :

Assemble Top Caps to tops of Heatshield as shown in diagram 6:1 . Rivet in place to secure the Top Caps as shown in diagram 6:2 - 6:3 .

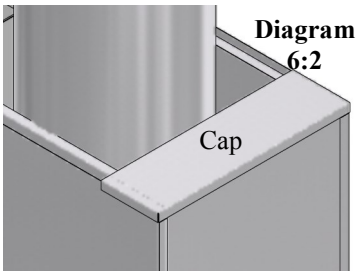


Diagram 6:2

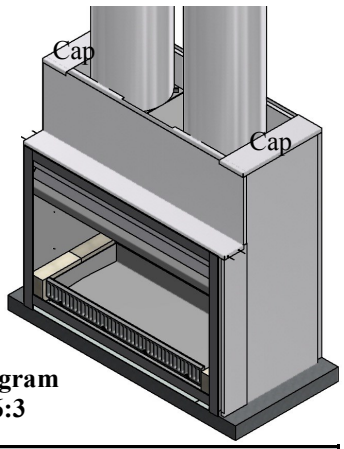


Diagram 6:3

Heat Shield Kit List		Tick
Top Back Panel	1	
Bottom Back Panel	1	
Side Panels	2	
Front Panel	1	
Top Caps	2	
Packed By :		

PROMINA FASCIA KIT ASSEMBLY

Step 1 :

Assemble Promina Fascia as shown in diagram 1:1 using Joining Plate , Nuts & Bolts provided .

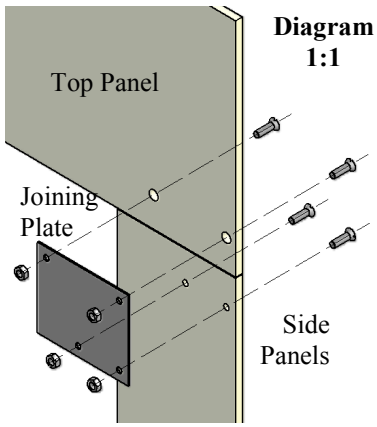


Diagram 1:1

Promina Fascia Kit List		Tick
Promina Top Panel	1	
Promina LH Side Panel	1	
Promina RH Side Panel	1	
Joining Plate	2	
Bolts & Nuts	8	
Wings	2	
Lintel Cap	1	
Packed By :		

Step 2 :

Fit Promina Fascia to Firebox as shown in diagram 1:2 , by sliding down behind Front Flange .

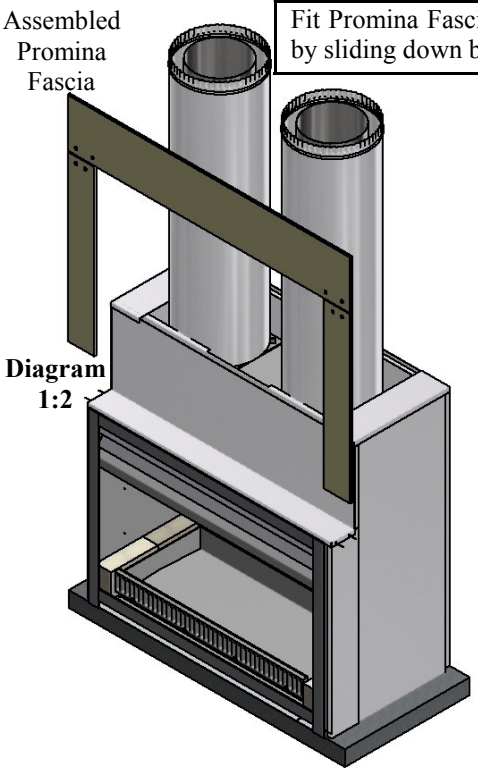


Diagram 1:2

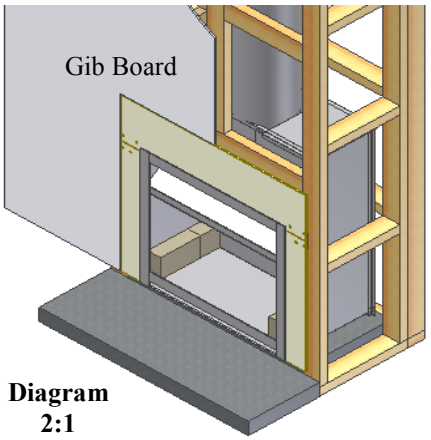


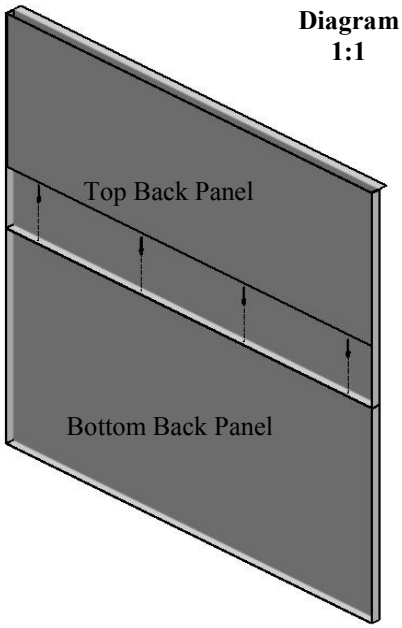
Diagram 2:1

Step 3 :

Frameout & Gib as per Specification . Screw Promina Board to Framing to secure in place . Butt Gib up to Promina Fascia & Plaster & Paint as normal .

HEAT SHIELD ASSEMBLY - FOR INSTALLATION INTO FRAMING & MASONRY (NO FASCIA KIT)

Diagram 1:1



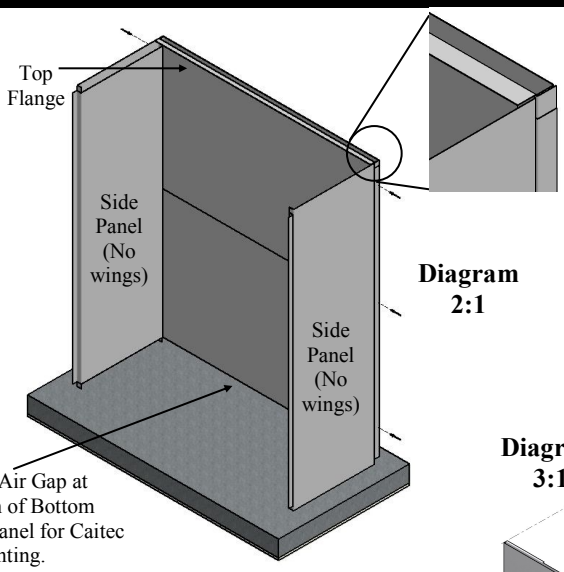


Diagram 2:1

Diagram 3:2

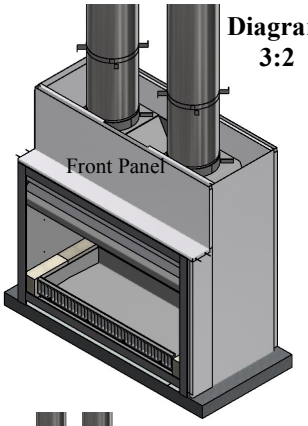
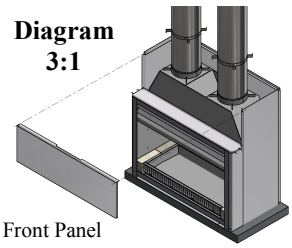


Diagram 3:1



Step 1 :

Assemble Top & Bottom Back Panel together by Riveting together at the centre as shown in diagram 1:1 . The Top Back Panel has a double Shield layer at the Top .

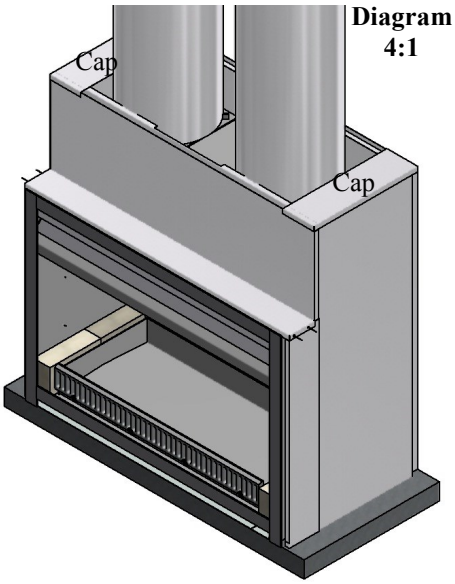
Step 2 :

Rivet 2X Side Panels to pre assembled Back Panels as shown in 2:1 , ensure the Top Flange on the Back Panel sits on the Side Panels creating a 20mm Air Gap at the bottom for the Caitec Air Venting .

Step 3 :

Install Firebox etc & assemble Front Panel to Heatshield as shown in diagram 3:1 & secure in place by riveting as shown in 3:1

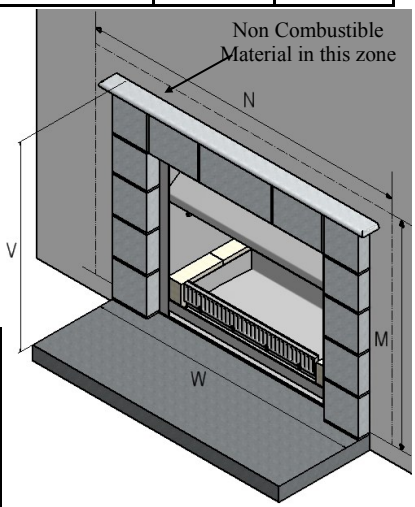
Diagram 4:1



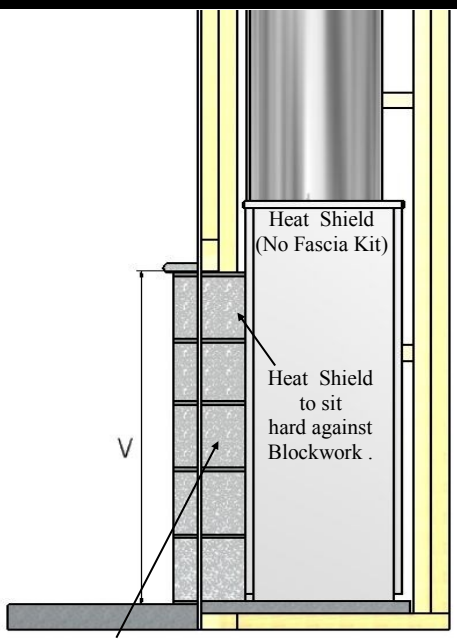
Step 4 :

Assemble Top Caps to Heatshield & secure in place with rivets as shown in diagram 4:1

Frameout Clearances		
Firebox	V	W
SI 440	825	820
SI 600	825	820
SI 700	825	1000
SI 700T	875	1000
SI 780	825	1000
SI 780T	905	1000
SI 900	975	1100
SI 1100	1025	1350



NO FASCIA KIT INSTALLATION



Must be Constructed of Non Combustible Material eg :

- **Stone**
- **Concrete**
- **Hebel**
- **Blocks**

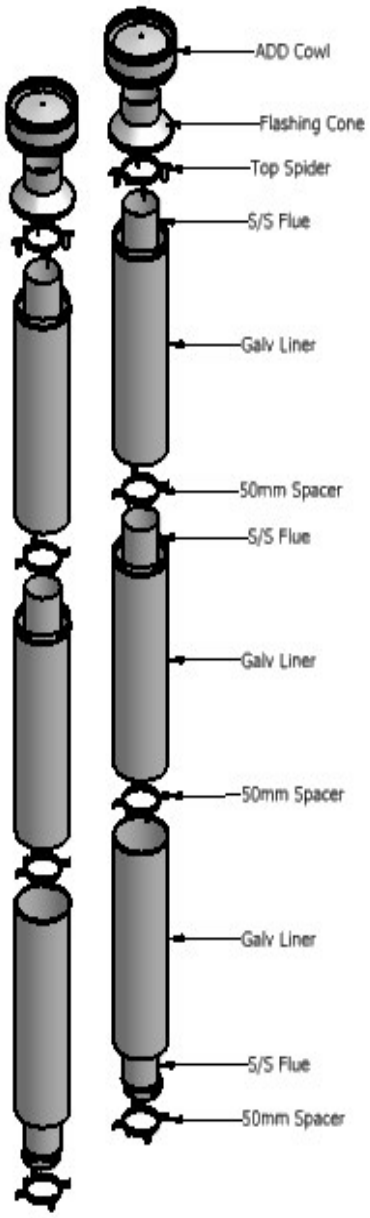
FLUE DETAILS DIMENSIONS

Minimum Flue Height	
Flue Height	3600
Measured From Top of Adaptor	B + F + 3600

Note: FLUE SYSTEMS Casing….

Flue system may require to be Doubled lined to comply. Ref ASNZS:2918:2001 4.3 Flue pipe casing

Flue details	No:	SI 1100 DF
Cowl	2	250
Cone	2	250
Top Spider	2	250
Flue Diameter	6	250
Liner Diameter	6	350
Spacer	6	250/350



NOTE: Ensure that a Standard Tested Warmington Flue system is used on Warmington fires.

FLUE SYSTEM INSTALLATION GUIDE

This is a general installation guide only – Contact a "NZHHA Installer" for Installation Advice.
See : www.homeheat.co.nz , choose "members" & pick your Area & Fire type (wood / Gas etc) this will provide you with a NZHHA Certified Installer (use the SFAIT Installers Only .)

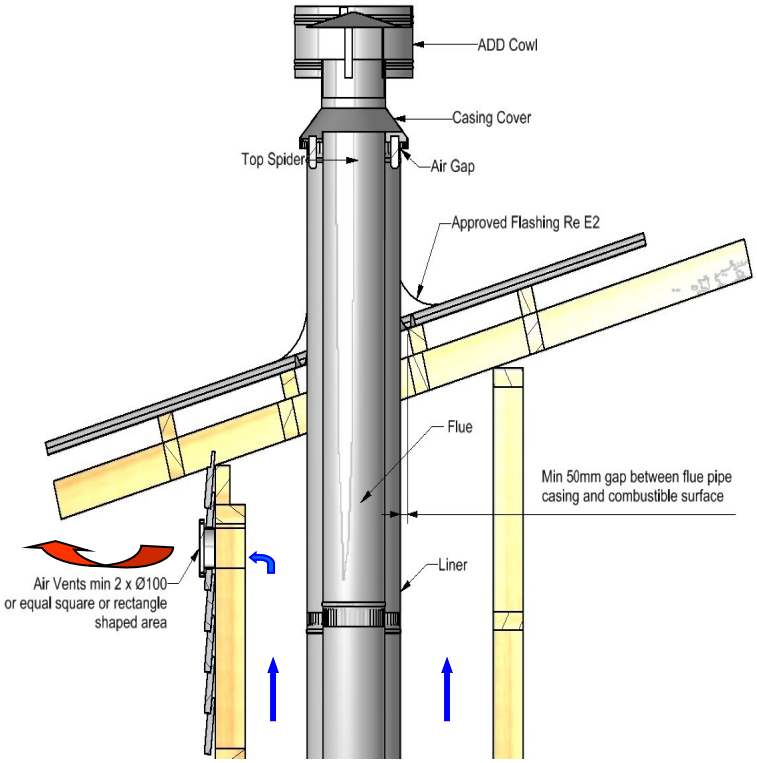
1. Install the first length of flue pipe with the crimped end down, inside the Adaptor collar, ensure that the flue pipe is sealed into the collar with exhaust sealant. Rivet the flue in 3 places around the Adaptor collar. Place a spacer around the flue pipe approximitaly150mm above the adaptor collar. Secure in position by tightening the screw and nut.
2. Install the second length of flue pipe with the crimped end down and fit by riveting in at least 3 places around the flue pipe joint. Ensure that the flue is sealed into position with sealant.
3. Install the first section of flue pipe liner with the Crimped end up, over the flue pipe and over the spacer that is fixed to the flue pipe. This spacer will keep the liner concentric about the flue pipe.
4. Position flue spacer at the flue pipe joint for every length of "Flue pipe" and "Liner".

Repeat the Steps from 1 – 4 to the installed required height of the flue system. The flue system is to comply with ASNZS 2918:2001 4.9.1

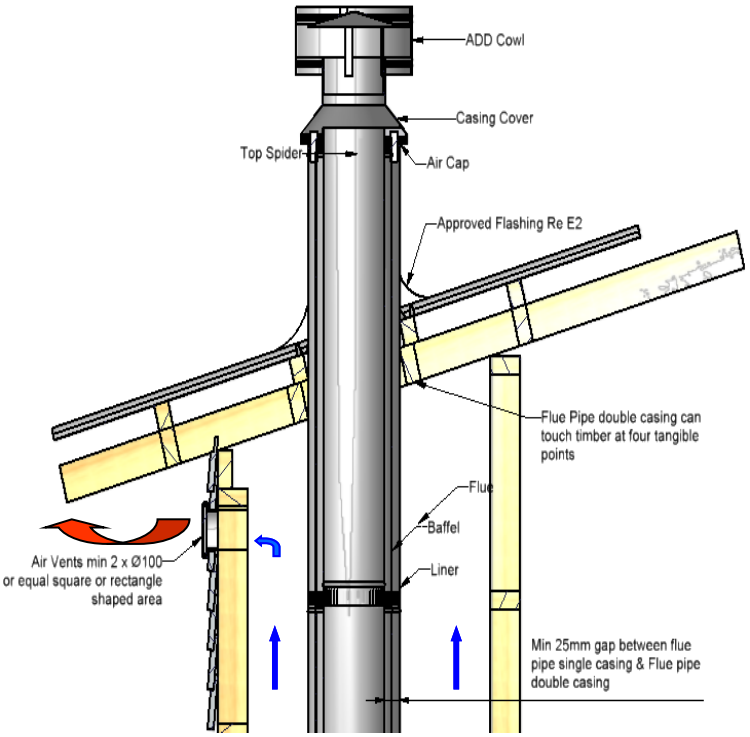
- a "the flue pipe shall extend not less than 4.6m above the top of the floor protector."
- b " the minimum height of the flue system within 3 m distance from the highest point of the roof shall be 600mm above that point."
- c "the minimum height of the flue system further than 3 m from the highest point of the roof shall be 1000mm above the roof penetration."
- d "no part of any building lies in or above a circular area described by a horizontal radius of 3 m about the flue system exit."

1. **NOTE:** The last length of flue pipe needs to extend past the liner so that when the "top spider" and the "Flashing cone" are fitted, that the "flashing cone" and the "flue pipe" are **flush,** or that the "flue pipe" is **5mm lower** that the "Flashing cone".
2. Fit the "Top Spider" into position, ensure that the legs of the spider are fitted inside the liner and that the spider is positioned hard down onto the liner and tighten with the screw and nut.
3. Place the "Flashing cone" over the "flue pipe" and press hard down onto the "Top Spider". (Note that the "Flue pipe" and the "Flashing Cone" are either flush or the "Flue pipe" is 5mm Lower than the "Flashing cone".) Ensure that the "Flashing cone" is clear for the venting from the "Liner" and the "flue pipe".
4. Fit the "Cowl" to the top of the flue pipe. The "Cowl", "Flashing cone", and the "Flue pipe" can be secured to each other with the uses of a stainless steel self tapping screw. This will allow the "Cowl" to be removed for cleaning.
5. Flue system may require Bird Proofing due to the installation and locations, discuss this with your installer for the best advice.
6. If the Flue system is installed into a "Chimney Chase", allow for air vent as close to the top of the chase as practical, or allow venting through the "Chimney Chase Flashing". A "Venting Flashing cone" and a 25mm gap around the Liner with a "Venting Flashing Cone-Spider" can be used. Ref : to Figures ……

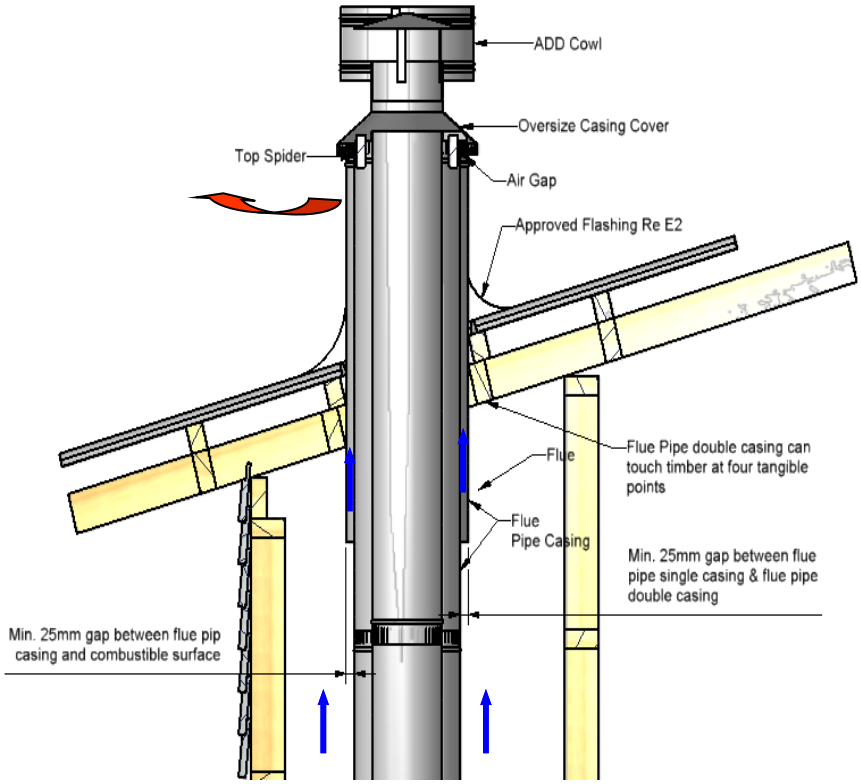
FLUE PENETRATION Vented through Alcove (Single lined Flue System)



FLUE PENETRATION Vented through Alcove (Double Lined Flue System)



FLUE PENETRATION Vented through Top Flashing



Note: FLUE SYSTEMS Casing….

Flue system may require to be Doubled lined to comply. Ref ASNZS:2918:2001 4.3 Flue pipe casing

Note :

External Requirements
Refer to AS/NZS2918:2001 4.9.1

Install Flue system to AS/NZS2918:2001

When using a rubber or Bitumen flashing (Butynol, Dectite) an Additional Flue pipe Baffle is required.

All external air vents & ceiling penetrations must be bird proofed with permanently fixed screens.

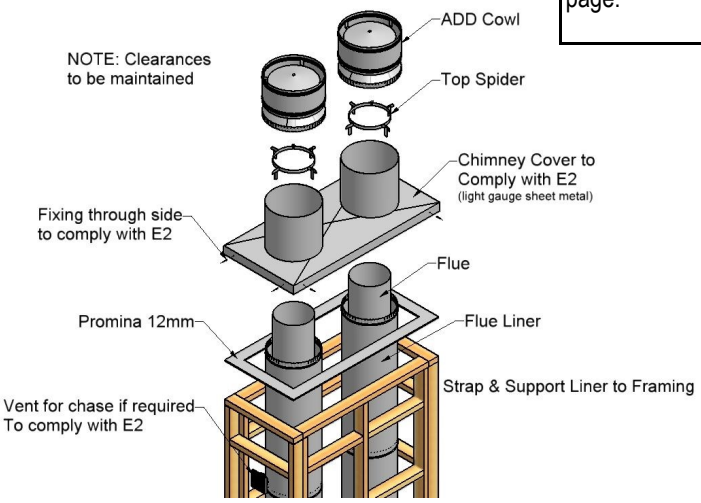
All flashing to comply with E2.

All external air vents and ceiling penetrations are to be Vermin and Rodent proof.

Test Report Number	Date of Report
04/1039	20th July 2004
04/1040	20th July 2004
04/1041	20th July 2004

CHIMNEY CHASE FLASHING DETAILS

General Chimney Chase Flashing Lay Out

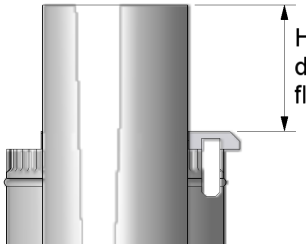


SETTING ADD COWL AND FLASHING CONE HEIGHT

Note:

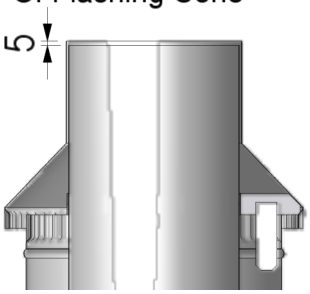
Flashing Spigot height is determined by the Insulation that is fitted under the Flashing … See Details at bottom of page.

STEP 1



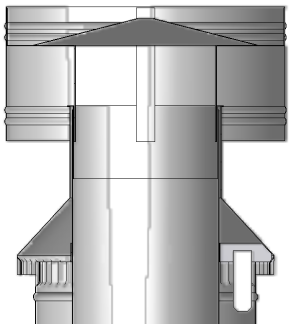
STEP 2

Flue 5mm Below Top Of Flashing Cone



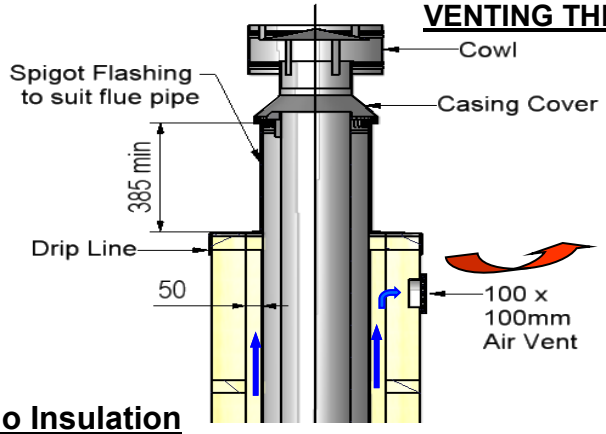
STEP 3

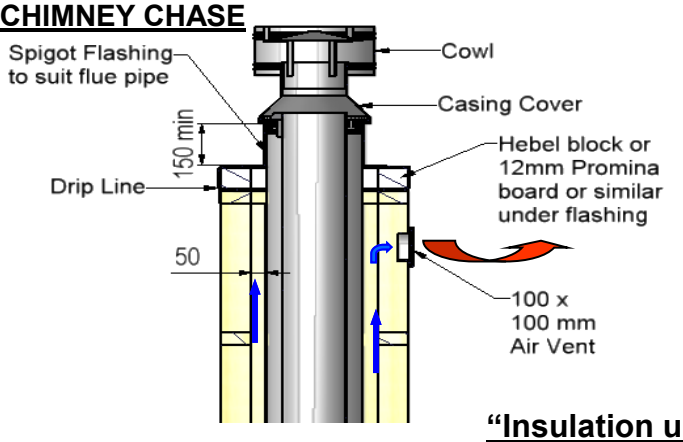
ADD Cowl Sits on Top of Flashing Cone, screw to secure



"CHIMNEY CHASE FLASHING" AND "AIR VENTILATION" OPTIONS :

VENTING THROUGH CHIMNEY CHASE

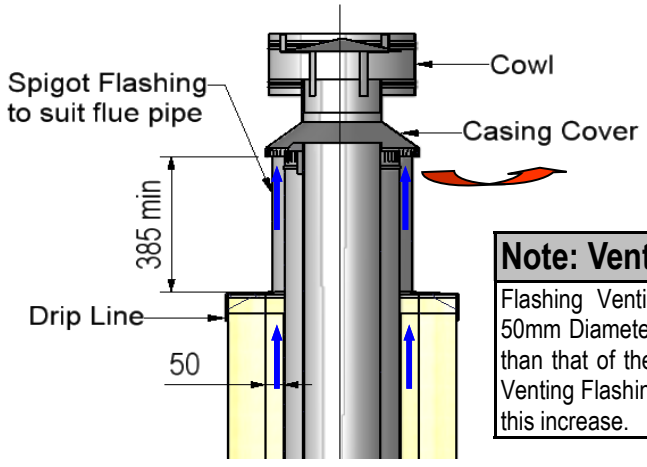


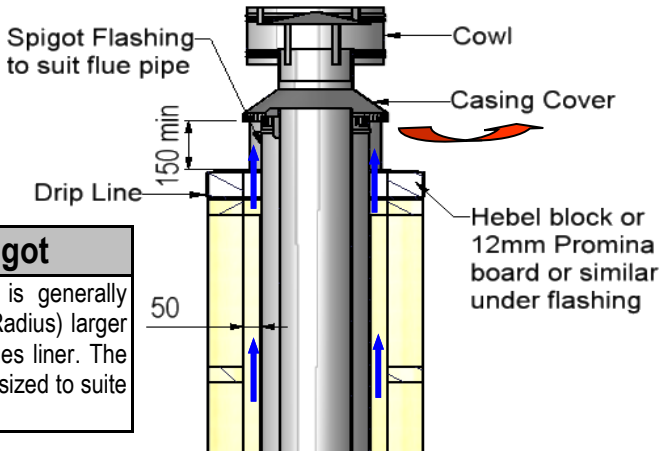


"No Insulation under flashing"

"Insulation under flashing"

VENTING THROUGH FLASHING





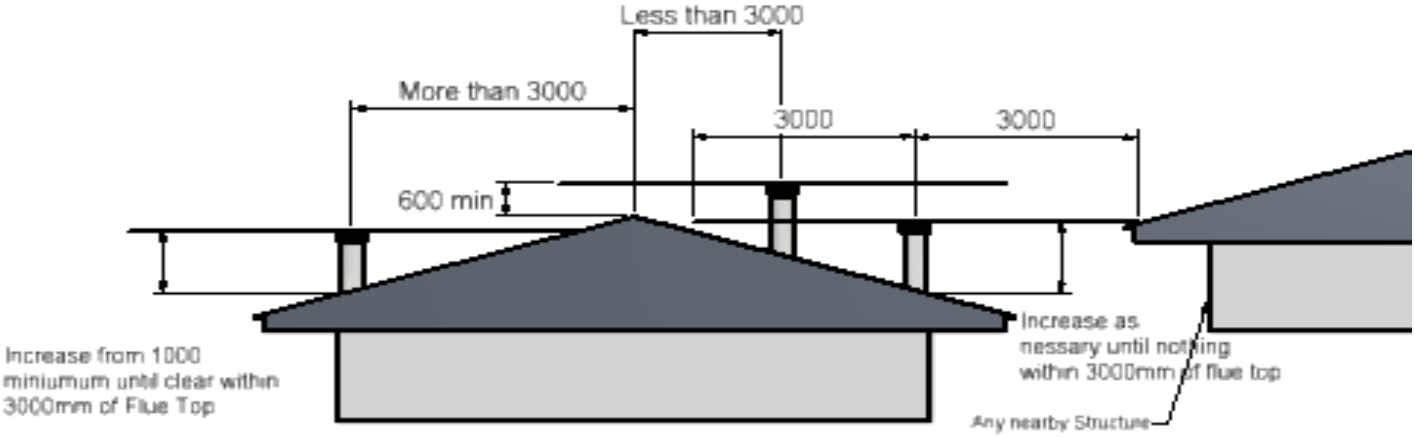
Note: Venting Spigot

Flashing Venting Spigot is generally 50mm Diameter (25mm Radius) larger than that of the tested flues liner. The Venting Flashing Cone is sized to suite this increase.

FLUE HEIGHT MINIMUM DETAILS

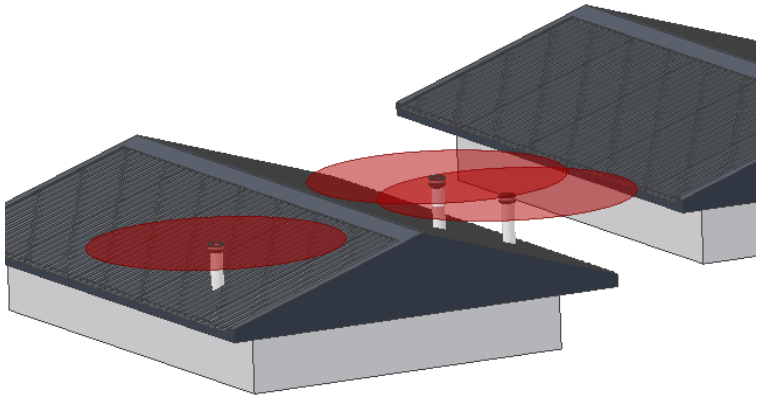
Note: FLUE SYSTEMS Casing….

Flue system may require to be Doubled lined to comply. Ref ASNZS:2918:2001 4.3 Flue pipe casing



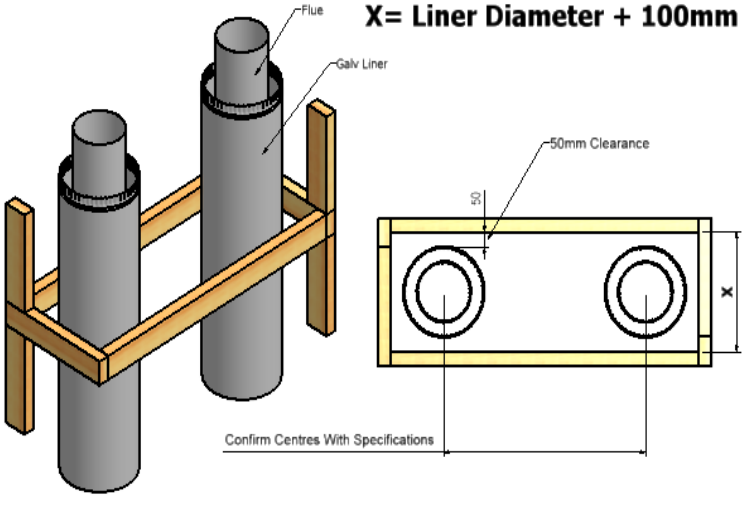
The flue exit is to comply to ASNZS 2918 : 2001

3D View

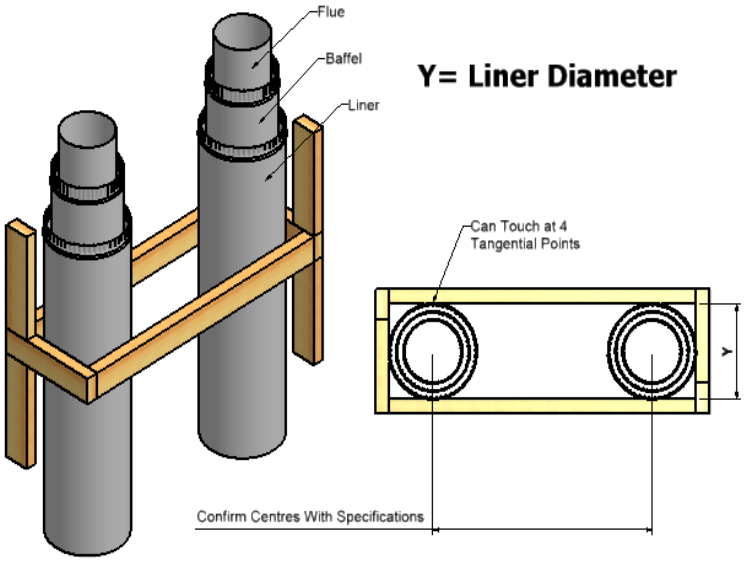


FRAME OUT AND TRIM OUT DETAILS FOR CHIMNEY CHASE

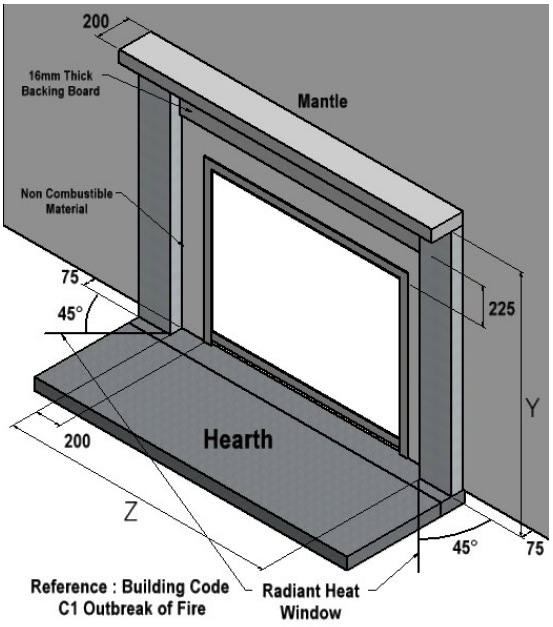
Option X – Singled Lined Flue System

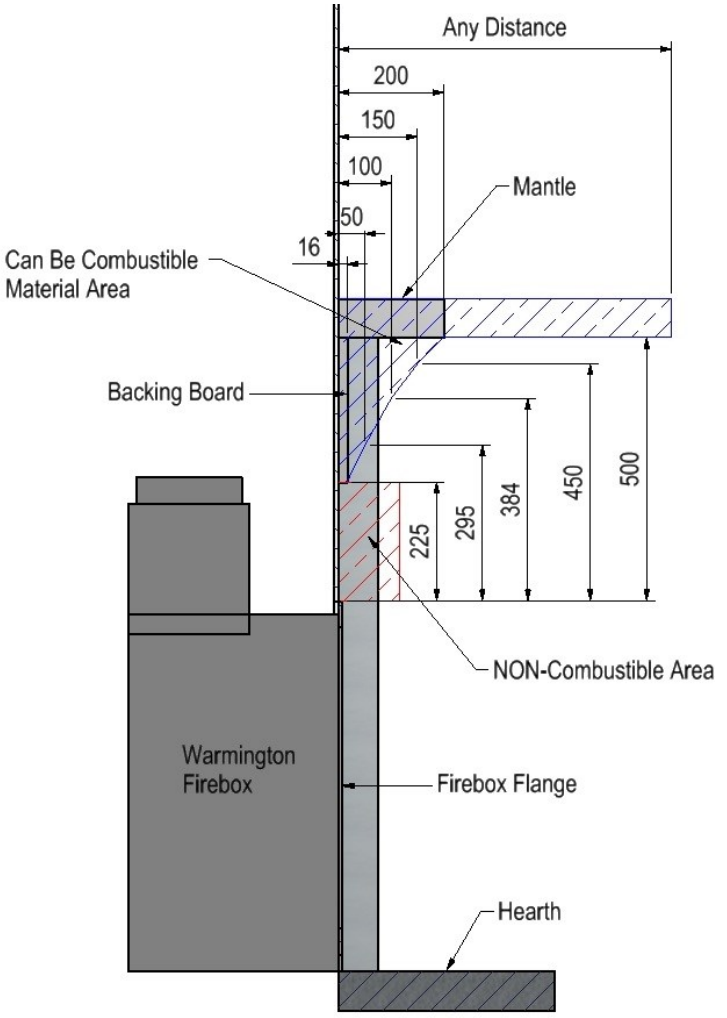


Option Y – Double Lined Flue System



COMBUSTIBLE MANTLE CLEARANCES





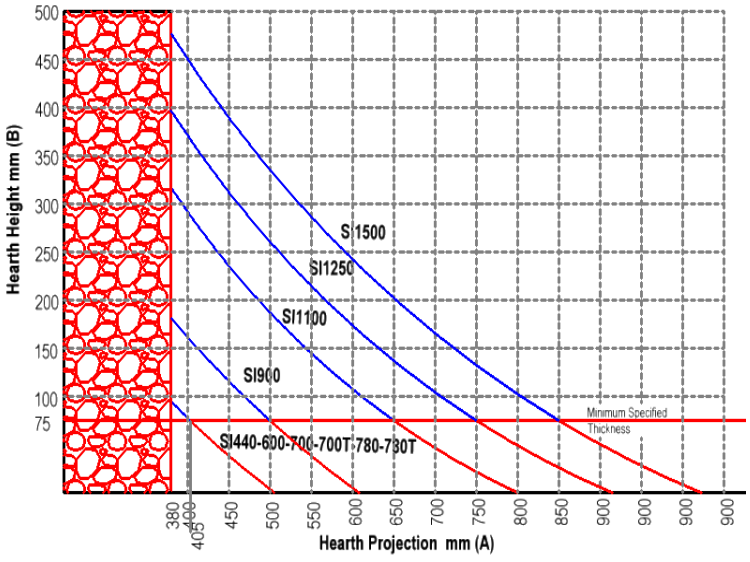
Mantle Clearances		
Firebox	Y	Z
SI 1100	1325	1550

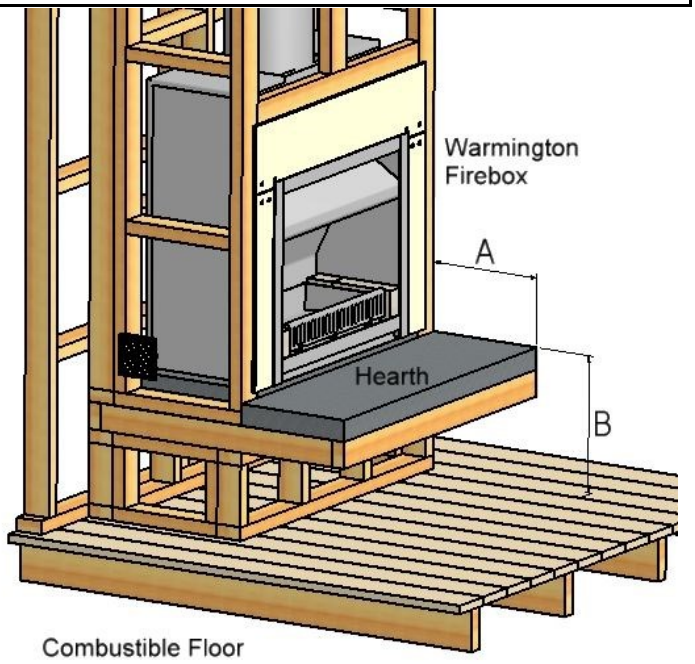
Note:

For Combustible Floors
Minimum Hearth of 380mm (A) must be maintained.

When Raising & cantilevering a Hearth ensure the Hearth is appropriately engineered to take the Hearths weight .

HEARTH CLEARANCES





GENERAL NOTES : ASNZS 2918 : 2001

NOTES:

- Warranty - for full details on product warranties, contact your local Authorised Warmington Retailer.
- Fire Operating and Maintenance instructions visit can be downloaded from www.warmington.co.nz..
- Correct installation, operation and maintenance must be maintained to comply with Warmington Warranty.
- Warranty - for full details on product warranties, contact your local Authorised Warmington Retailer.
- We offer a **12 month** warranty on the fireback and **24 months** on the firebox, from original date of purchase.

WARNINGS:

- **WARNING; ANY MODIFICATION OF THE APPLIANCE THAT HAS NOT BEEN APPROVED IN WRITING BY THE TESTING AUTHORITY IS CONSIDERED AS BREACHING AS/NZS 4013.**
- **WARNING; DO NOT USE FLAMMABLE LIQUIDS OR AEROSOLS TO START OR REKINDLE THE FIRE.**
- **WARNING; DO NOT USE FLAMMABLE LIQUIDS OR AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHEN IT IS OPERATING.**
- **WARNING; DO NOT STORE FUEL WITHIN HEATER INSTALLATION CLEARANCES.**
- **WARNING; WHEN OPERATION THIS APPLIANCE AS AN OPEN FIRE USE A SPARK SCREEN.**
- **CAUTION**: THIS APPLIANCE SHOULD BE MAINTAINED AND OPERATED AT ALL TIMES IN ACCORDANCE WITH THESE INSTRUCTIONS
- **CAUTION**: THE USE OF SOME TYPES OF PRESERVATIVE-TREATED WOOD AS A FUEL CAN BE HAZARDOUS.

NOTE: For Operation instruction down load from the web site
www.warmington.co.nz

Industries 1994 LTD
PO Box 58652, Botany 2163, Greenmount, Auckland www.warmington.co.nz