

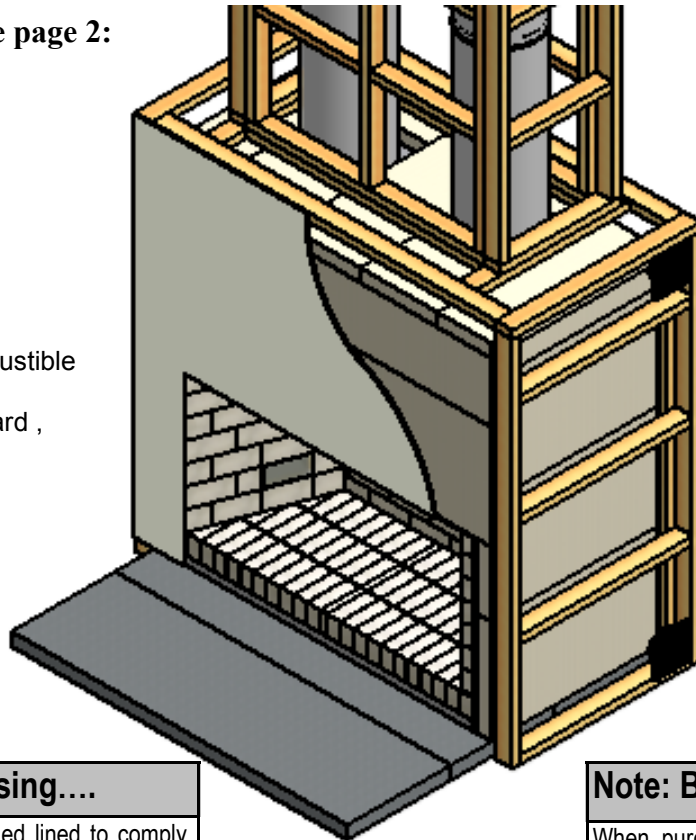
# Traditional 1500 1800 2000 Open Fire Specifications

## Solid Fuel Burner , Traditional Brick Built Open Fire . Installation Instructions

**Note : Not Included– see page 2:**

- Bricks and Bricklaying
- Log Lighter
- Grate
- Hearth and Plinth
- Installation

**NOTE :** Non-Combustible Cladding eg :  
10mm Promina Board ,  
10mm Supalux ,  
Latex Plaster .  
**(Not Supplied)**



### NOTE ON TRAD FIRES

Like the traditional brick-back fire of yesteryear, the Warmington Traditional fire is built with the experience and techniques of the past .... These make a grand statement in the home and with the introduction of the Gas Log Lighter for ease of lighting are simple to operate, however they can lack in efficiency.

### Note: FLUE SYSTEMS Casing....

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

### Note: BRICK OUT GUIDE Details....

When purchasing the fire bricks the bricking guide will come with the bricks.

**NOTE :** Traditional Open fires are the least efficient fires available and can lack in Heat Output.

**Visit [www.warmington.co.nz](http://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 & Building Code C/AS1 7.5 Open Fires**

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 an Approved NZHHA Installation Technician.

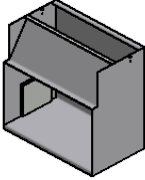
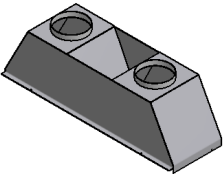
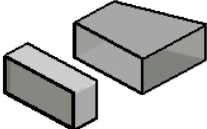
### **IMPORTANT**

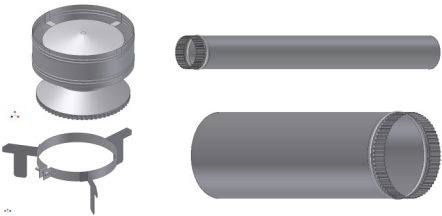
Read all the instructions carefully before commencing the Installation. Failure to follow these instructions may result in a fire hazard and void the warranty

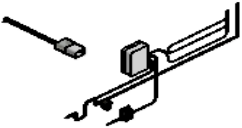
Due to continued product improvement, Warmington Ind LTD reserves the right to change product specifications without prior notification.


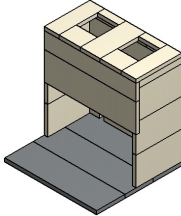
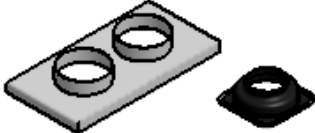

# Components Required for Construction

*(SUPPLIED SEPERATELY)*

Supplied as Trad. Fire Box	No:
Traditional Firebox . 	1
Traditional Firebox Adaptor . 	1
Caitec Venting System . *Caitec Steel Brick . *Caitec Perf. Extension . 	2

Supplied Priced depending on Requirements	No:
Warmington Fluekit 	1

NOT Supplied (Optional extra)	No:
Log Lighter & Control Box . 	1

NOT Supplied Components are required for Install Priced depending on Requirements	No:
Fire Bricks (H40) 75X115X230mm . Other Sizes Available 	Varied
Fire Brick Refractite Mortar .	1
Autoclaved Aerated Concrete (AAC) Heat cell Constructed On Site 	1
Flashing System 	1
Traditional Fire Grate . Size to Order After Bricklaying 	1
Non Combustible Cladding (Promat-Superlux-Brick-Stone etc)	
10:1 Fill /Crush (vermiculite etc) .	1
Aluminium Tape . 3M Scotch Brand	1
Gas & Electrical Work Onsite .	1
Installation : Fire / Flue kit / Flashing .	
Installation . Brickwork .	
Council Permit .	

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## 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.

Traditional Open fires are the least efficient fires available and can lack in Heat output.

### Installation Notes:

Due to the expansion and contraction of metal fireplaces a 3mm gap between the flange and the finished surround should be maintained.

## INSTALLATION ORDER OF OPERATIONS Installation is not provided

### Prior to Construction and Installation Important Notes:

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 or designated Installer.

### Stage 1: **Frame Construction Procedure by Builder.**

Mark out Flue Centre on Floor.

Mark out Heat Cell Clearance requirements.

Construct Plinth only, to required height. \*

### Stage 2: **Install Procedure by Certified “Warmington Installer” or “NZ Home Heating Association Installer” only.** (See [www.homeheat.co.nz](http://www.homeheat.co.nz))

Fit Fire to Plinth.

Fit Adaptor to Firebox.

Construct Autoclaved Aerated Concrete (AAC) Enclosure around the Traditional Firebox.

Fit Flue System.

Fit Cowl and Flashing System

### Stage 3: **Finishing Procedure by Builder. NOTE : Bricklaying of Firebricks can be carried out by clients Bricklayer at a Convenient time.**

Construct Hearth to required thickness. \*

Finish Autoclaved Aerated Concrete (AAC) enclosure and Hearth to Customers requirements (e.g. paint / tiles ).

Close in Autoclaved Aerated Concrete (AAC) enclose and chimney chase . ( If in timber Alcove ).

\* Note: A Certified Installer can Install Hearth and Plinth also.

**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.

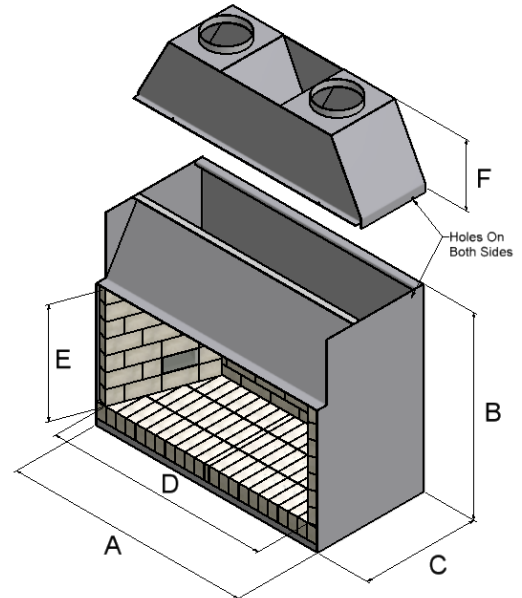
Remove all soot and ash.

Due to continued product improvement, Warmington Ind LTD reserves the right to change product specifications without prior notification.

**WARMINGTON TRADITIONAL FIREBOX DIMENSIONS**

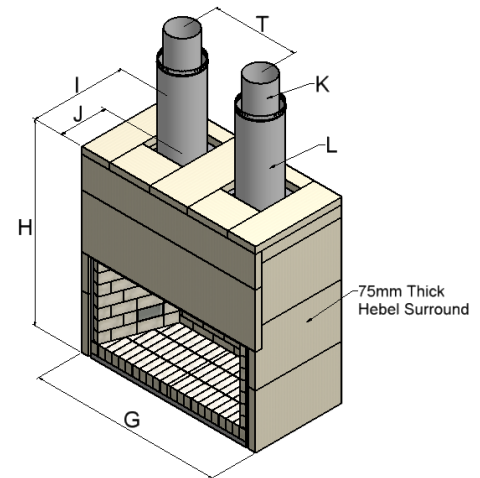
Description		TF 1500	TF 1800	TF 2000
Firebox Width	<b>A</b>	1740	2040	2240
Firebox Height	<b>B</b>	1415	1415	1415
Firebox Depth	<b>C</b>	835	835	835
Flange Width	<b>D</b>	1590	1890	2090
Flange Height	<b>E</b>	800	800	800
Adaptor Height	<b>F</b>	480	480	480

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



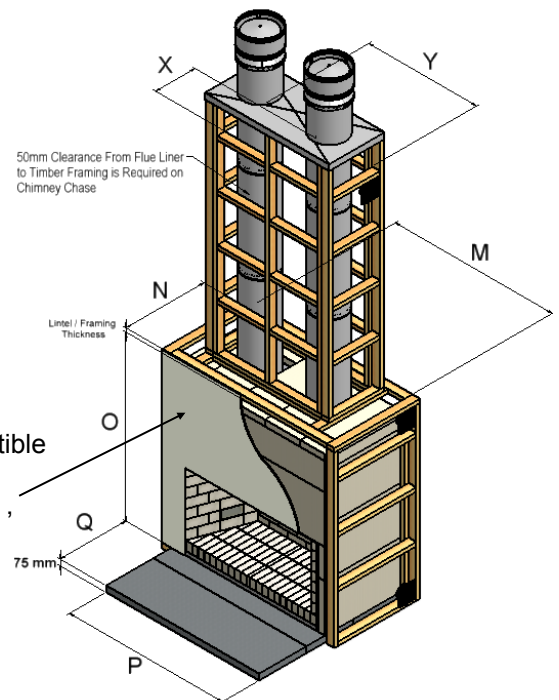
**Autoclaved Aerated Concrete (AAC) SURROUND DETAILS DIMENSIONS**

Description		TF 1500	TF 1800	TF 2000
Surround Width	<b>G</b>	1940	2240	2440
Surround Height	<b>H</b>	1995	1995	1995
Surround Depth	<b>I</b>	965	965	965
To Centre of Flue	<b>J</b>	589	589	589
Flue Diameter	<b>K</b>	300	300	300
Liner Diameter	<b>L</b>	400	400	400
Heatcell Clearance Width	<b>M</b>	1990	2290	2490
Heatcell Clearance Depth	<b>N</b>	990	990	990
Heatcell Clearance Height	<b>O</b>	2175	2175	2175



**Autoclaved Aerated Concrete (AAC) HEARTH & PLINTH DIMENSIONS**

Description		TF 1500	TF 1800	TF 2000
Hearth Width	<b>P</b>	1940	2240	2440
Hearth Projection	<b>Q</b>	835	835	835
Plinth Width	<b>R</b>	1940	2240	2440
Plinth Depth	<b>S</b>	965	965	965
Flue Centres	<b>T</b>	872	1172	1372



Check List	
Firebox	
2 x Air Brick and CAITEC covers	
Adaptor & Bolts	
Packed by	

**NOTE : Non-Combustible Cladding eg :**  
 10mm Promina Board ,  
 10mm Supalux ,  
 Latex Plaster .  
**(Not Supplied)**

## FIREBOX INSTALLATION

This is a general installation guide only – Contact a “NZHHA Installer” for Installation Advice.

See : [www.homeheat.co.nz](http://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. Fit the firebox into the Cavity. 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 or drill holes through base for Bolts (seismic restraints bolts not provided).
4. 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.
5. Install the flue system. Ensure that the Flue system comply to ASNZS 2918
6. Fit the Autoclaved Aerated Concrete (AAC) Heat cell around the fire. A general minimum lay out is shown in this Specification.

## HEARTH & PLINTH CONSTRUCTION DETAILS

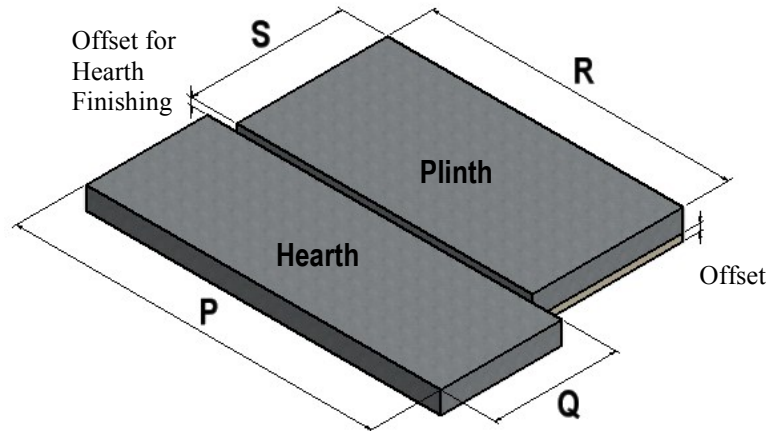
### IMPORTANT NOTE :

**Note: Hearth and Plinth Construction.**

For combustible flooring an insulating hearth and plinth of 75mm Autoclaved Aerated Concrete (AAC) is required.

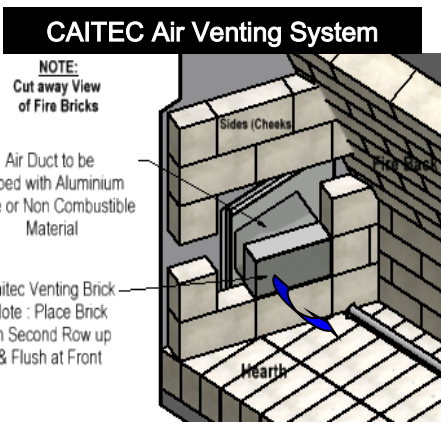
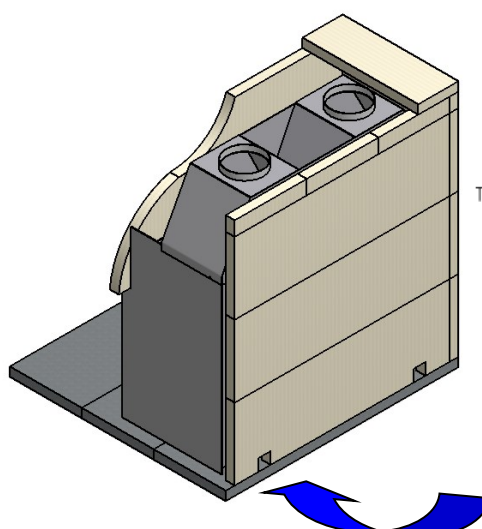
Plinth to be off set above hearth by the hearth finishing's ( e.g. tiles / granite / plaster / etc )

**\*Note: If Solid 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).**



Visit the Warmington Web Site for “Autoclaved Aerated Concrete (AAC) ” instruction (PDF Download).. [www.warmington.co.nz](http://www.warmington.co.nz)

## “CAITEC” TECHNOLOGY—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 .

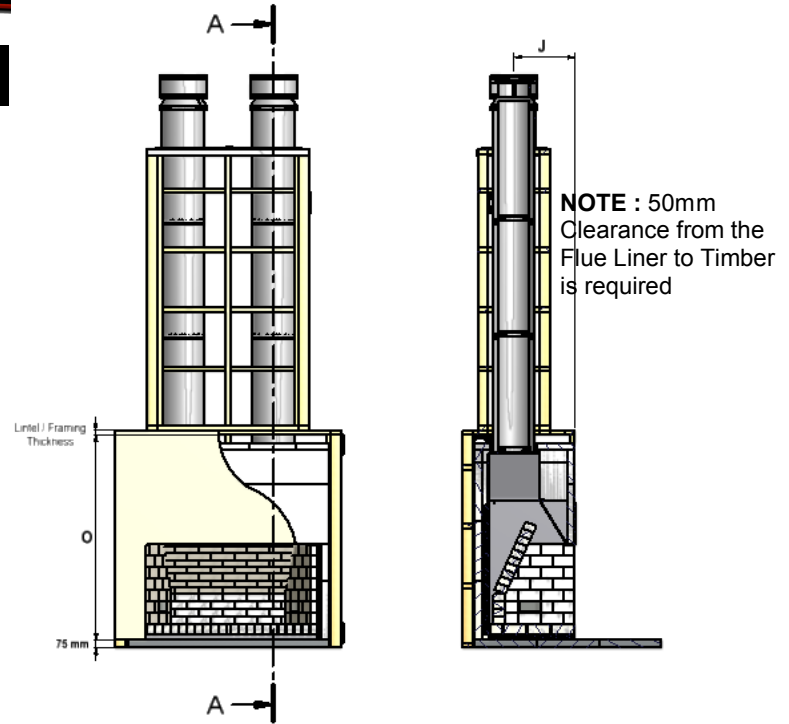
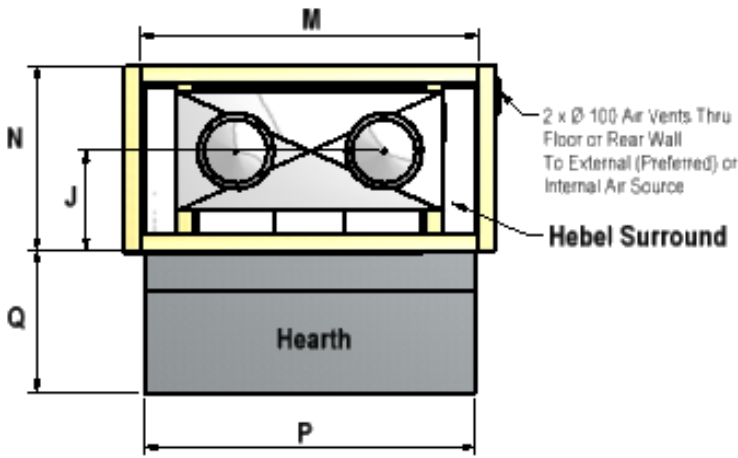
Ensure that the cavity is vented to Outside Fresh Air and the Warmington Fire will take care of the rest. 2 x 100mm Diameter vent are required (Or equivalent to that.)

**Builder to supply external air to the Cavity and the “Warmington Fire” takes care of the rest.**

### External Air Supply for “Caitec Air” and Cooling

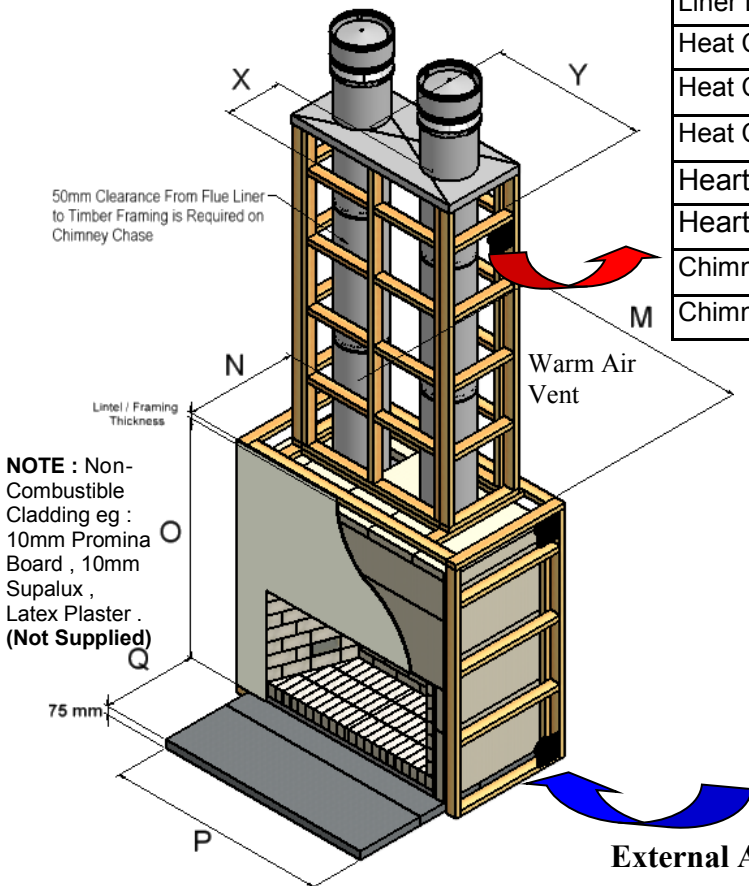
Rear View of Autoclaved Aerated Concrete (AAC) Heat Cell and Firebox.

## PLAN, FRONT ELEVATION & CROSS SECTION



## TIMBER FRAMING & TRIM OUT DETAILS—Heat Cell Clearance

Description		TF 1500	TF 1800	TF 2000
To Centre of Flue	J	589	589	589
Flue Diameter	K	300	300	300
Liner Diameter	L	400	400	400
Heat Cell Clearance Width	M	1990	2290	2490
Heat Cell Clearance Depth	N	990	990	990
Heat Cell Clearance Height	O	2175	2175	2175
Hearth Width	P	1940	2240	2440
Hearth Projection	Q	835	835	835
Chimney Chase Clearance	X	500	500	500
Chimney Chase Clearance	Y	1370	1672	1872

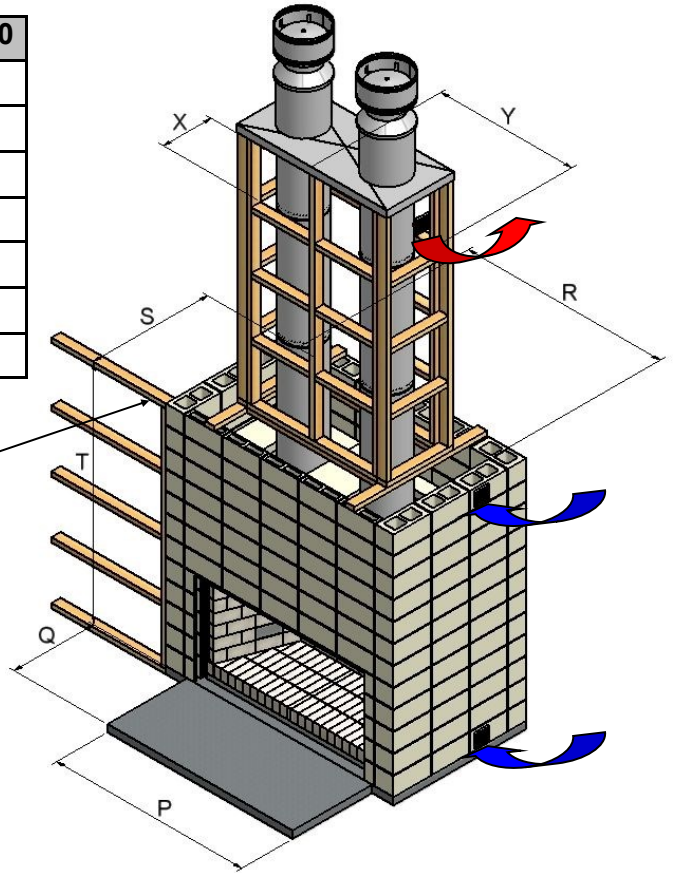


**Note:**  
Centre Line of Flue is 'NOT' in Centre of Alcove

**External Air Supply for "Caitec Air" and Cooling Air**

**BLOCK ENCLOSURE 1 (WITH Autoclaved Aerated Concrete (AAC) HEAT CELL)**

Description		TF 1500	TF 1800	TF 2000
Hearth Width	<b>P</b>	1940	2240	2440
Hearth Projection	<b>Q</b>	835	835	835
Block Clearance Width	<b>R</b>	2010	2410	2810
Block Clearance Depth	<b>S</b>	1200	1200	1200
Block Enclosure Height	<b>T</b>	2390	2390	2390
Chimney Chase Clearance	<b>X</b>	500	500	500
Chimney Chase Clearance	<b>Y</b>	1370	1672	1872

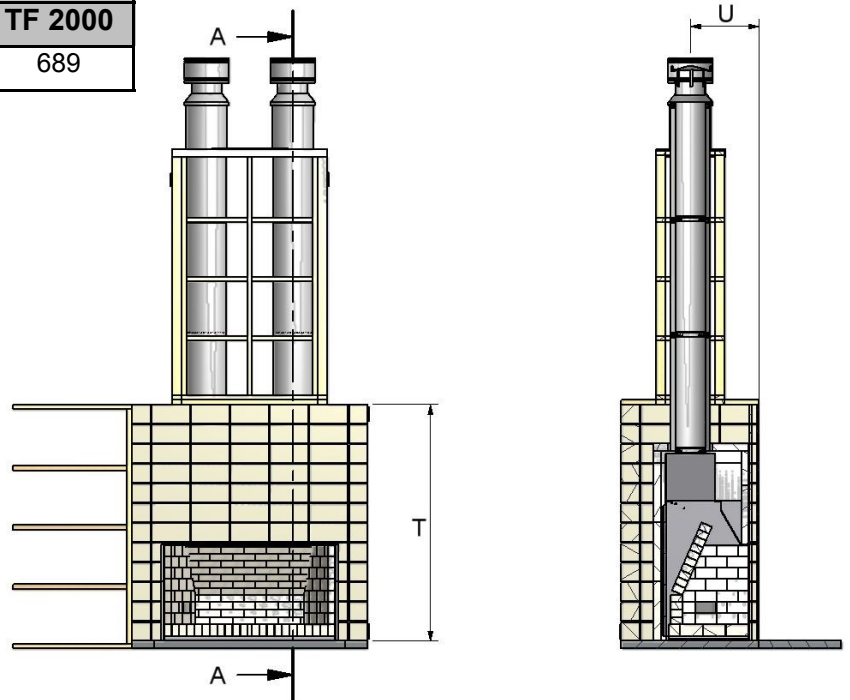
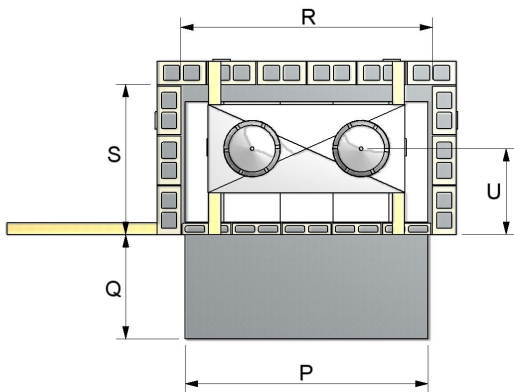


**NOTE: WITH Autoclaved Aerated Concrete (AAC) CELL  
Tiber Framing can be in Direct Contact with Brick Alcove**

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

**BLOCK ENCLOSURE 1 (WITH Autoclaved Aerated Concrete (AAC) HEAT CELL) CROSS SECTION**

Description		TF 1500	TF 1800	TF 2000
To Centre Of Flue	<b>U</b>	689	689	689



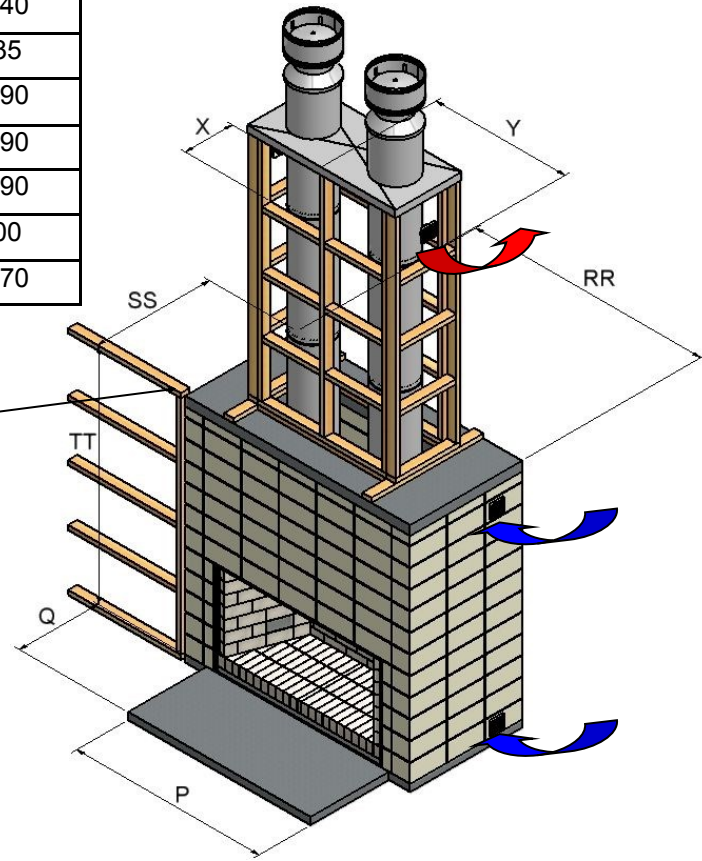
Due to continued product improvement, Warmington Ind LTD reserves the right to change product specifications without prior notification.

**BLOCK ENCLOSURE 2 (NO Autoclaved Aerated Concrete (AAC) )**

Description		TF 1500	TF 1800	TF 2000
Hearth Width	<b>P</b>	1940	2240	2440
Hearth Projection	<b>Q</b>	835	835	835
Solid Poured Top Width	<b>RR</b>	2390	2790	3190
Solid Poured Top Depth	<b>SS</b>	1190	1190	1190
Block Enclosure Height	<b>TT</b>	2390	2390	2390
Chimney Chase Clearance	<b>X</b>	500	500	500
Chimney Chase Clearance	<b>Y</b>	1370	1672	1870

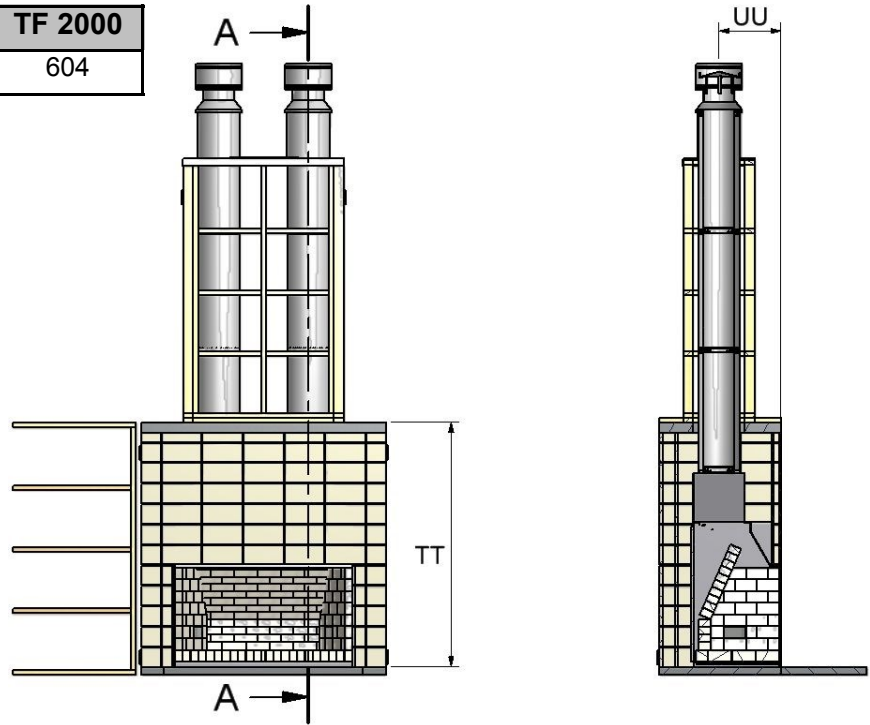
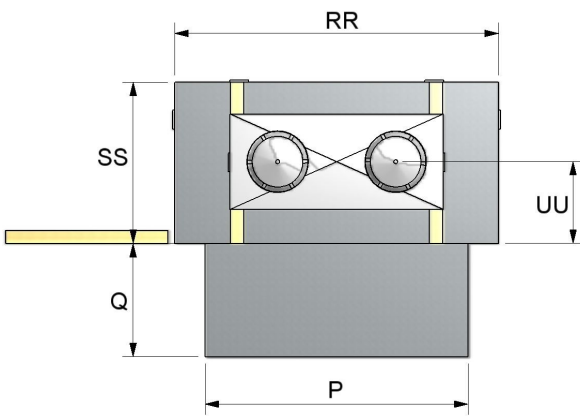
**NOTE: WITHOUT Autoclaved Aerated Concrete (AAC) CELL  
Timber Framing & Any Combustibles  
To be Spaced 50mm Away From  
Block work - All Around Until 2400mm  
Height**

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



**BLOCK ENCLOSURE 2 (NO Autoclaved Aerated Concrete (AAC) ) CROSS SECTION**

Description		TF 1500	TF 1800	TF 2000
To Centre Of Flue	<b>UU</b>	604	604	604



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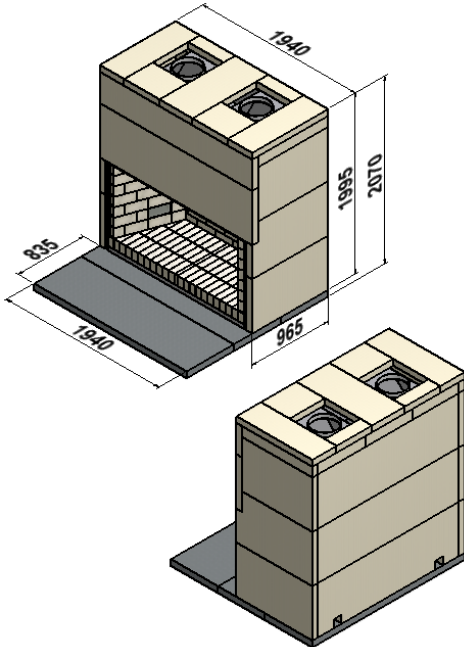
**Autoclaved Aerated Concrete (AAC) HEAT CELL & CUT SIZES FROM PANELS for TF1800 & 2000**

The Autoclaved Aerated Concrete (AAC) Heat cell is constructed around the firebox, using 75mm Hebel (see attached minimum spec below).

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

\*Visit the Warmington Web site for "Autoclaved Aerated Concrete (AAC)" instructions (PDF Download).. [www.warmington.co.nz](http://www.warmington.co.nz)

**TF1500 Autoclaved Aerated Concrete (AAC)  
HEAT CELL ASSEMBLED**



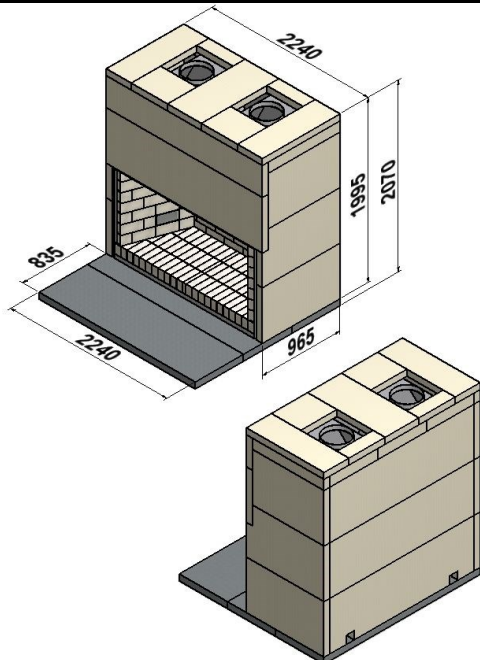
**Note: Autoclaved Aerated Concrete (AAC)  
ASSEMBLY Details....**

When purchasing the "Autoclaved Aerated Concrete (AAC) Heat Cell Kit" the assembly Guide will come with the Kit.

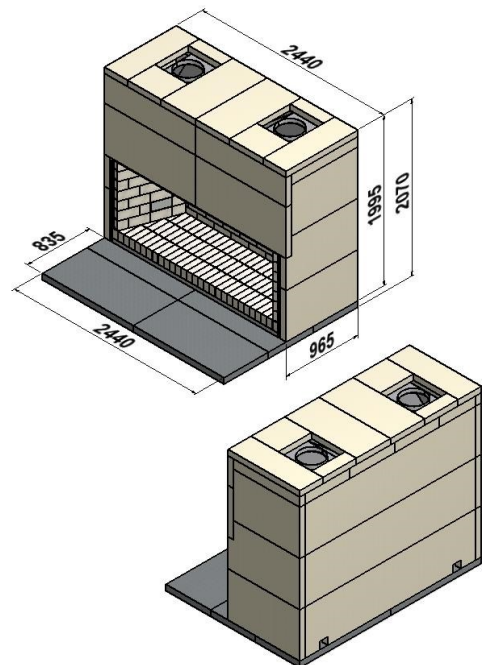
\*Note: If plastering the Heat Cell structure, it is recommended to use a fibreglass mesh with a latex plaster to minimise the chance of the plaster cracking. (See your plasterer for correct materials and applications).

Note : 2X 100mm "CAITEC Air" and Venting Air for all Autoclaved Aerated Concrete (AAC) Cells in the lower rear panels

**TF 1800 Autoclaved Aerated Concrete (AAC)  
HEAT CELL ASSEMBLED**



**TF 2000 Autoclaved Aerated Concrete (AAC)  
HEAT CELL ASSEMBLED**



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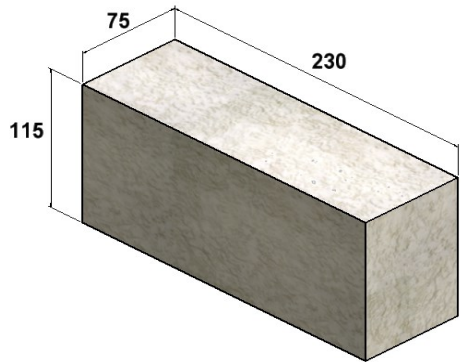
**BRICKS & BRICK OUT DETAIL ... Available with Purchase of Brick only**

**REFRACTORY / FIRE BRICK AMOUNTS Standard**

<b>Fire Brick Amounts</b>	<b>TF 1500 - 1800 - 2000</b>
<b>ORDER AMOUNT inc 12% extra</b>	<b>Supplied with the Purchase of the Fire Bricks Only</b>

**Note: BRICK OUT GUIDE Details....**

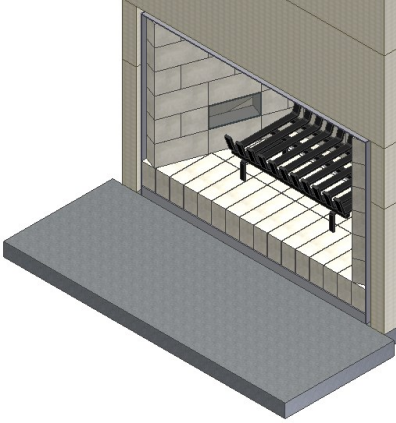
When purchasing the fire bricks the bricking guide will come with the purchase of the bricks only.



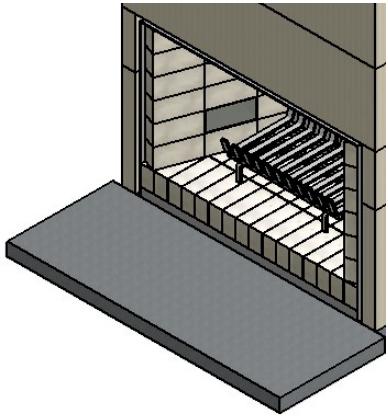
**Note : BRICK Size and Refractite :**

- \* The Standard Brick Out is the Stretcher Bond Style but other styles can be bricked according to your liking.
- \* Some Bricklayers prefer to us there own Refractite. Please Check with the Bricklayer.
- \*Bricks come in a standard size of 230 x 115 x 75mm.
- \*20mm and 40mm thick bricks are available and there is a increase in the cost of these bricks and the amount that is required for the Brick out.
- \* Below shows some brick patterns that are bricked with the Standard brick size of 230 x 115 x 75mm.

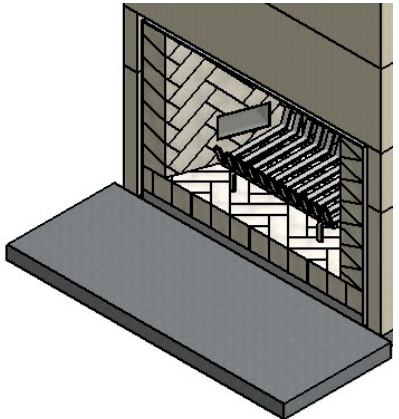
**Stretcher Bond Pattern**



**Stack Bond Pattern**

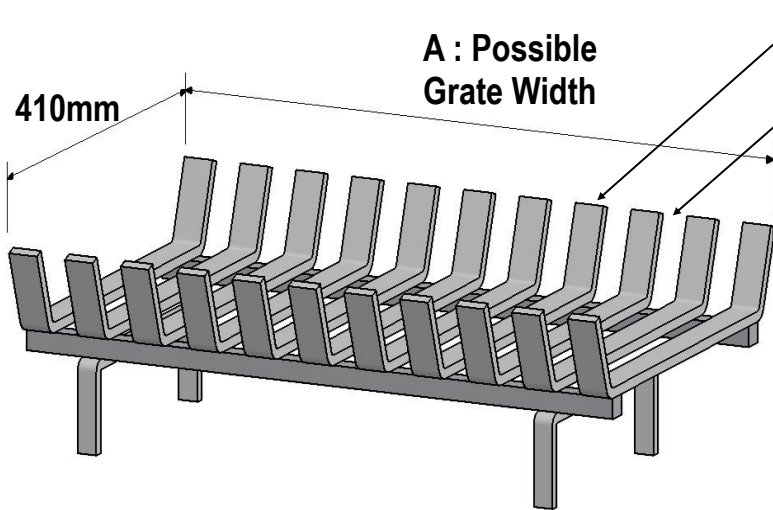


**Herring Bone Pattern**



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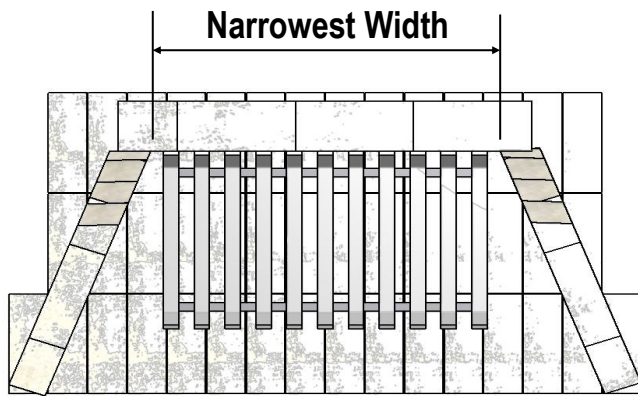
# BRICK FIRE GRATE FITMENT



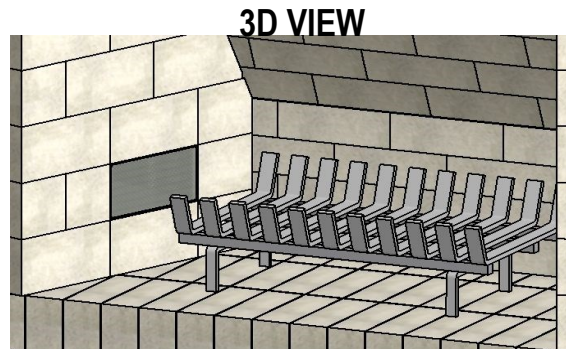
\* 30 mm Finger's  
\* 30 mm Gap's

### Measuring for the Grate

First measure the **Narrowest Width** of the Brick Fire as shown in diagram .  
Each Finger of the Grate is **30mm** & each Gap in between is **30mm** , the width of the Grate needs to be within the narrowest Brick out measurement on the Base as indicated in the Plan View below , with a Bar needing to be at each end of the Grate to complete the makeup of the Grate .



**PLAN VIEW**

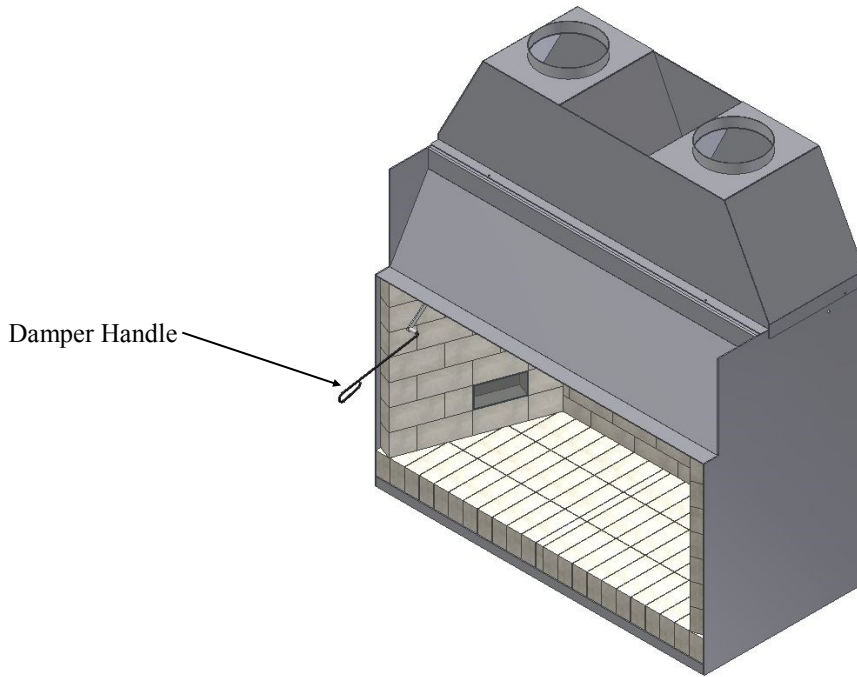


**3D VIEW**

Measurements for Wood Grate Sizes			
	A : Possible Grate Width's	Amount of 30mm Finger's	Amount of 30mm Gaps
* TF 1500 Grate	1110 mm	19	18
	1170 mm	20	19
	1230 mm	21	20
* TF 1800 Grate	1290 mm	22	21
	1350 mm	23	22
	1410 mm	24	23
* TF 2000 Grate	1470 mm	25	24
	1530 mm	26	25

Due to continued product improvement, Warmington Ind LTD reserves the right to change product specifications without prior notification.

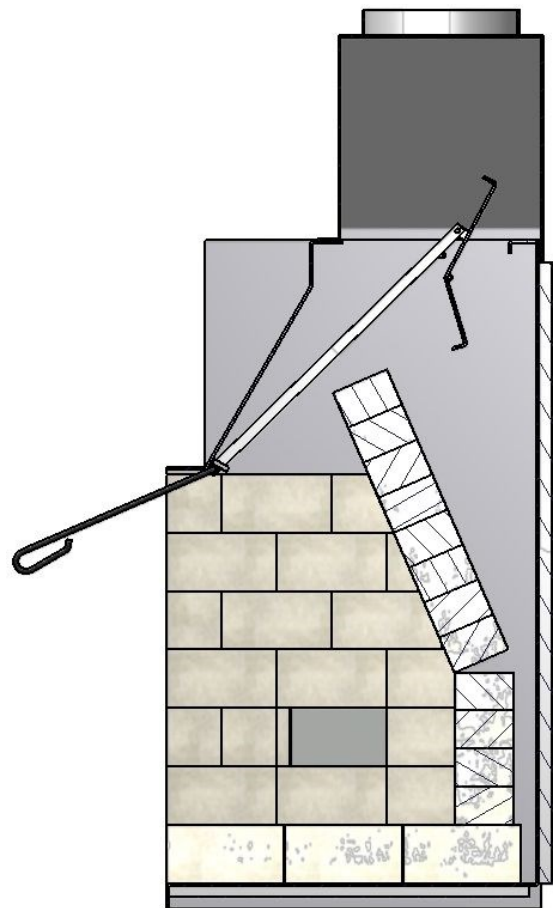
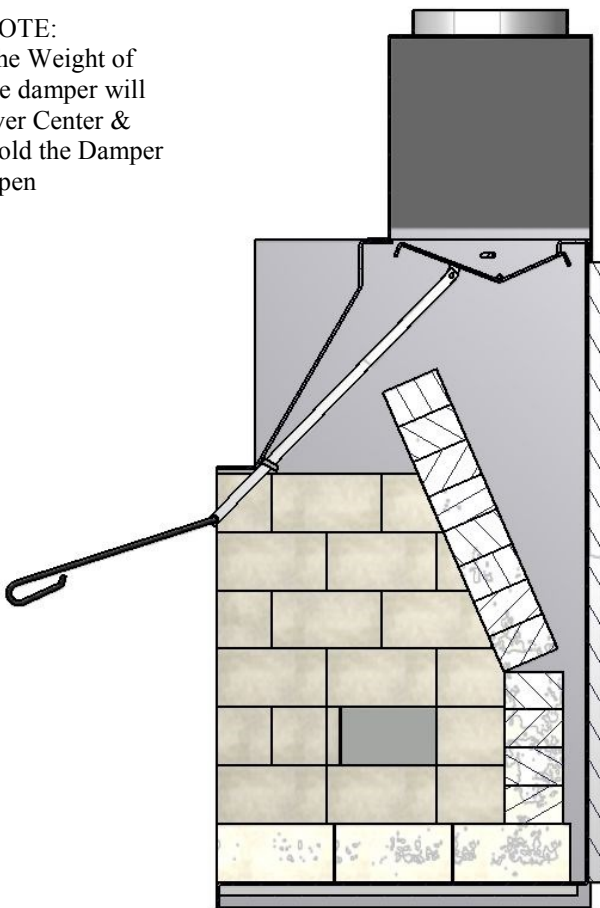
**OPERATION OF DAMPER**



**DAMPER - CLOSED**

**DAMPER - OPEN**

NOTE:  
The Weight of  
the damper will  
over Center &  
Hold the Damper  
Open



# Double 3.6m Flue Kit Details .

## 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:	TF 1500	No:	TF 1800	No:	TF 2000
Cowl	2	300	2	300	2	300
Top Spider	2	300	2	300	2	300
Cone	2	300	2	300	2	300
Flue Diameter	6	300	6	300	6	300
Liner Diameter	6	400	6	400	6	400
Spacer	6	300/400	6	300/400	6	300/400

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

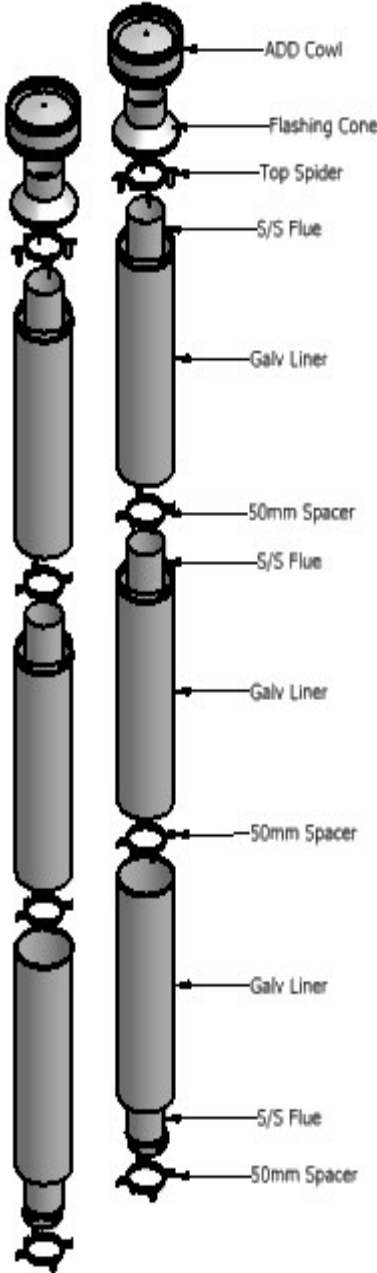
## FLUE SYSTEM INSTALLATION GUIDE

**This is a general installation guide only – Contact a “NZHHA Installer” for Installation Advice. See : [www.homeheat.co.nz](http://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 approximately 150mm 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

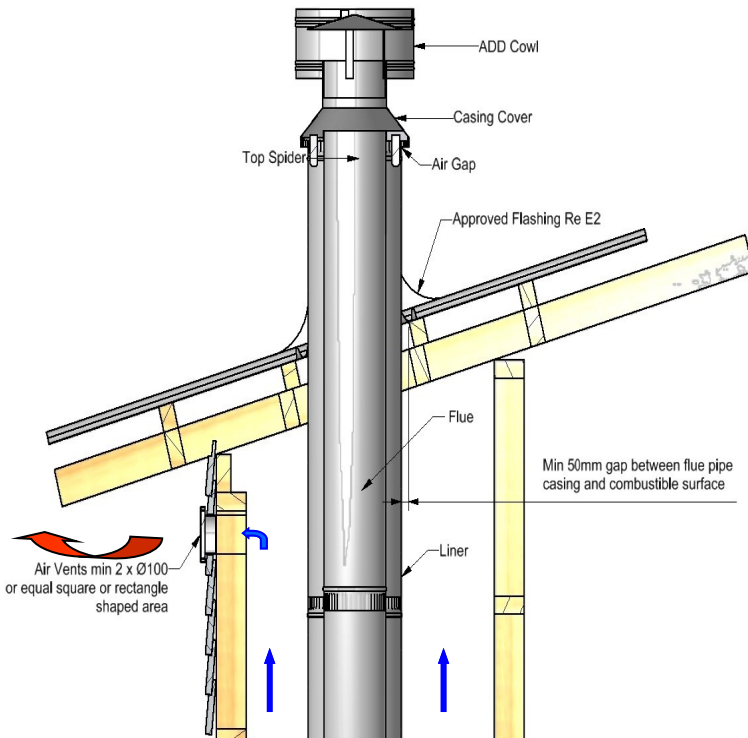
- a “the flue pipe shall extend not less than 4.6m above the top of the floor protector.”
- b “ the minimum height of the flue system within 3 m distance from the highest point of the roof shall be 600mm above that point.”
- c “the minimum height of the flue system further than 3 m from the highest point 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** than 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 .....

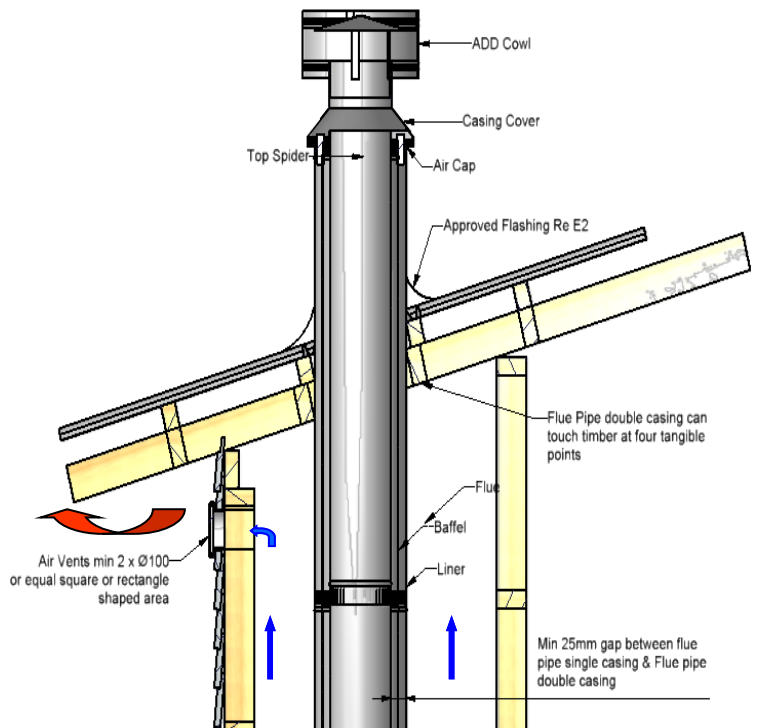


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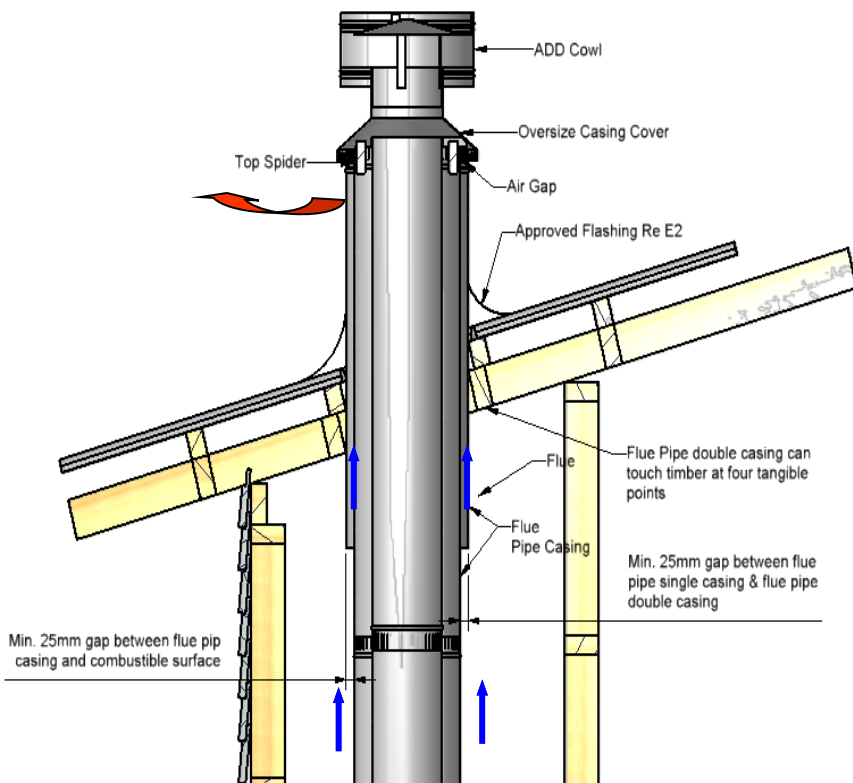
**FLUE PENETRATION Vented through Alcove (Single lined Flue System)**



**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 AS/NZS: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.

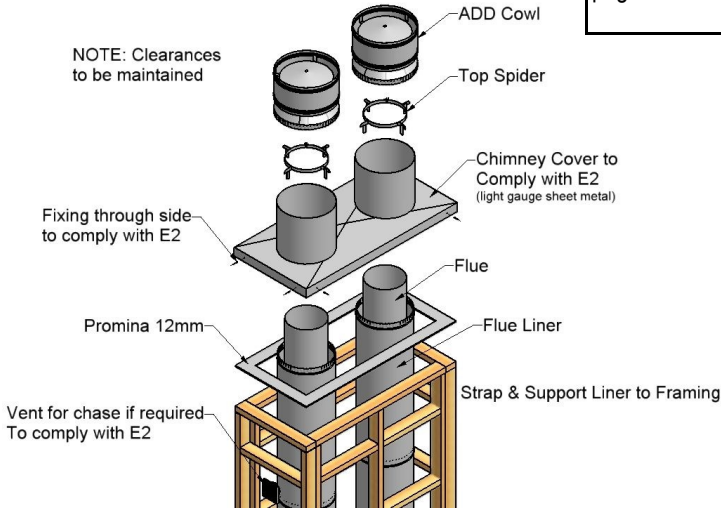
Test Report Number	Date of Report
04/1039	20 <sup>th</sup> July 2004
04/1040	20 <sup>th</sup> July 2004
04/1041	20 <sup>th</sup> July 2004

## CHIMNEY CHASE FLASHING DETAILS

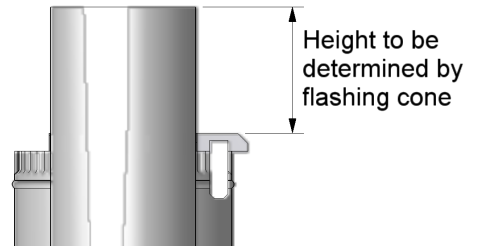
## SETTING ADD COWL AND FLASHING CONE HEIGHT

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

### General Chimney Chase Flashing Lay Out

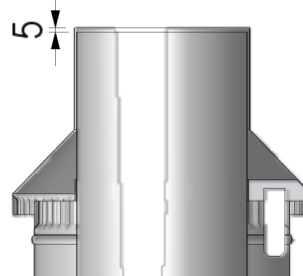


### STEP 1



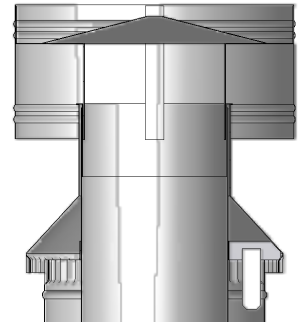
### STEP 2

Flue 5mm Below Top Of Flashing Cone



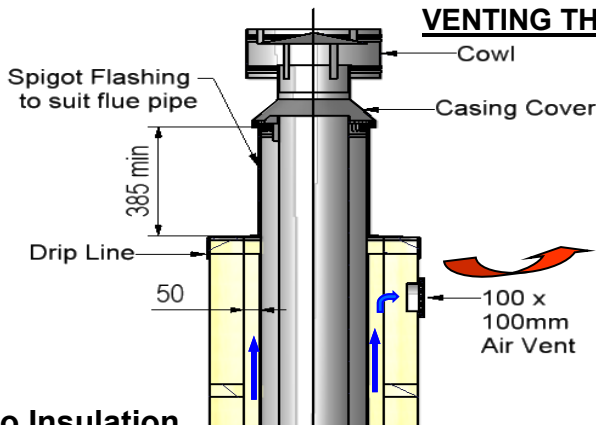
### STEP 3

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

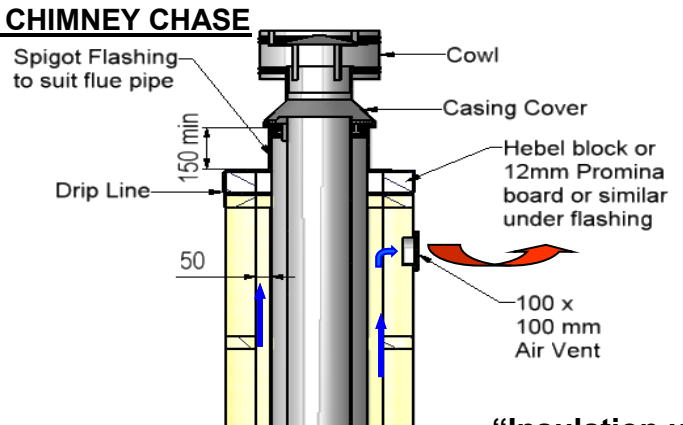


## "CHIMNEY CHASE FLASHING" AND "AIR VENTILATION" OPTIONS :

### VENTING THROUGH CHIMNEY CHASE

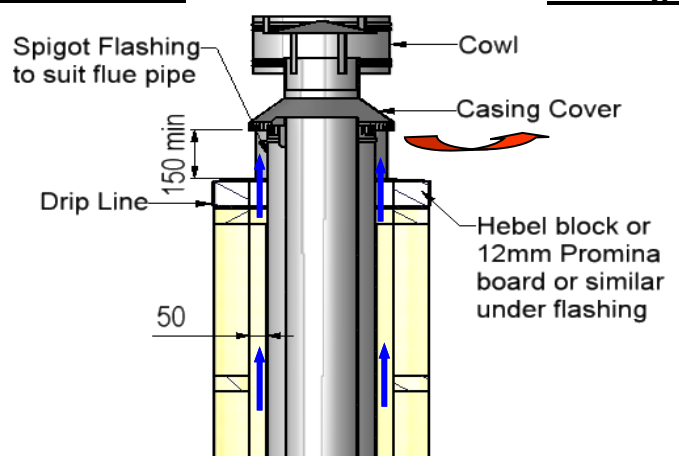
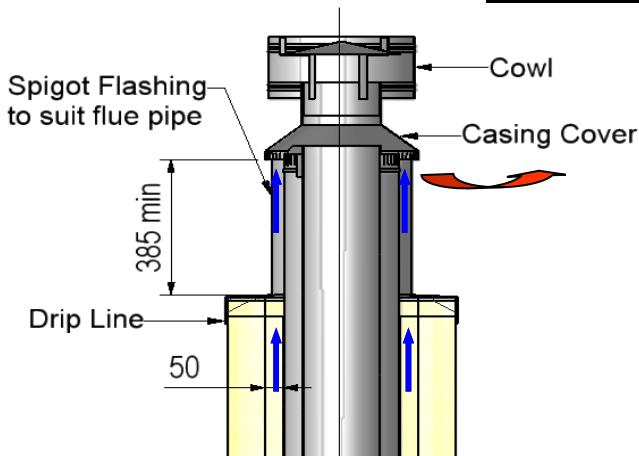


**"No Insulation under flashing"**



**"Insulation under flashing"**

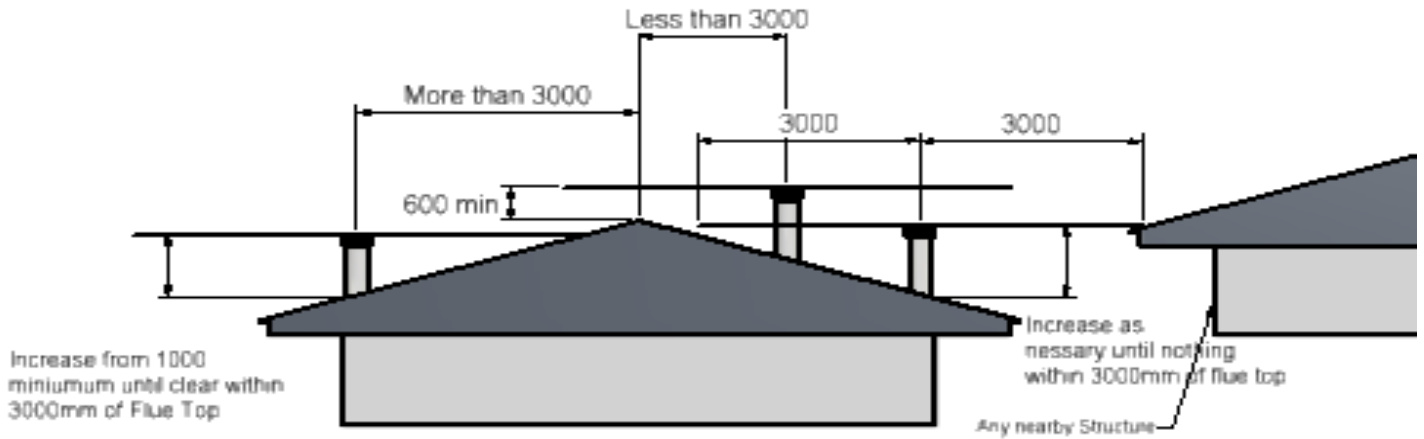
### VENTING THROUGH FLASHING



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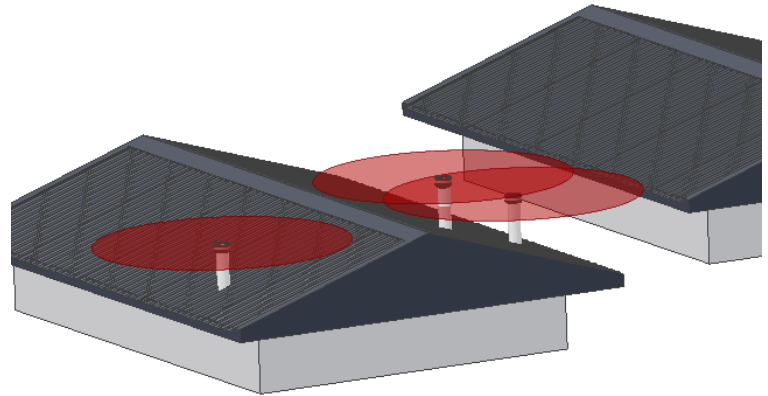
**FLUE HEIGHT MINIMUM DETAILS**

**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

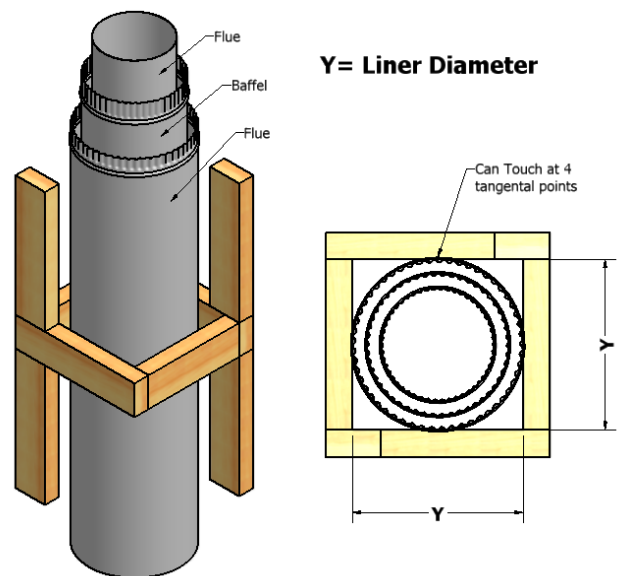
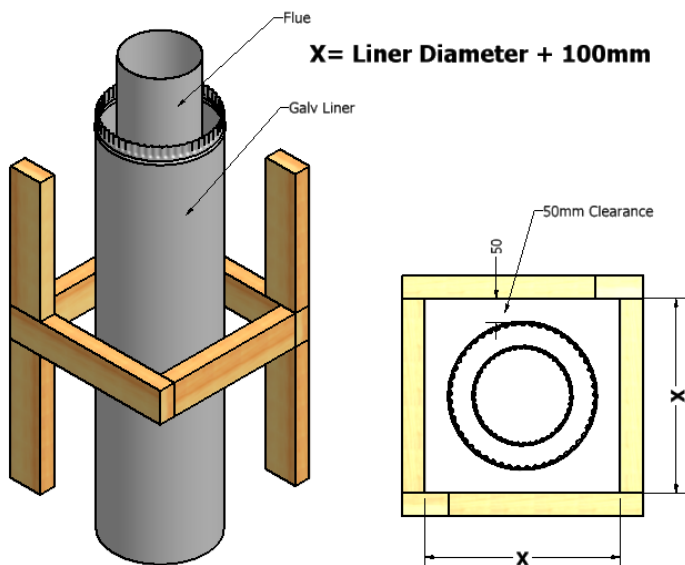
**3D View**



**FRAME OUT AND TRIM OUT DETAILS FOR CHIMNEY CHASE**

Option X – Singled Lined Flue System

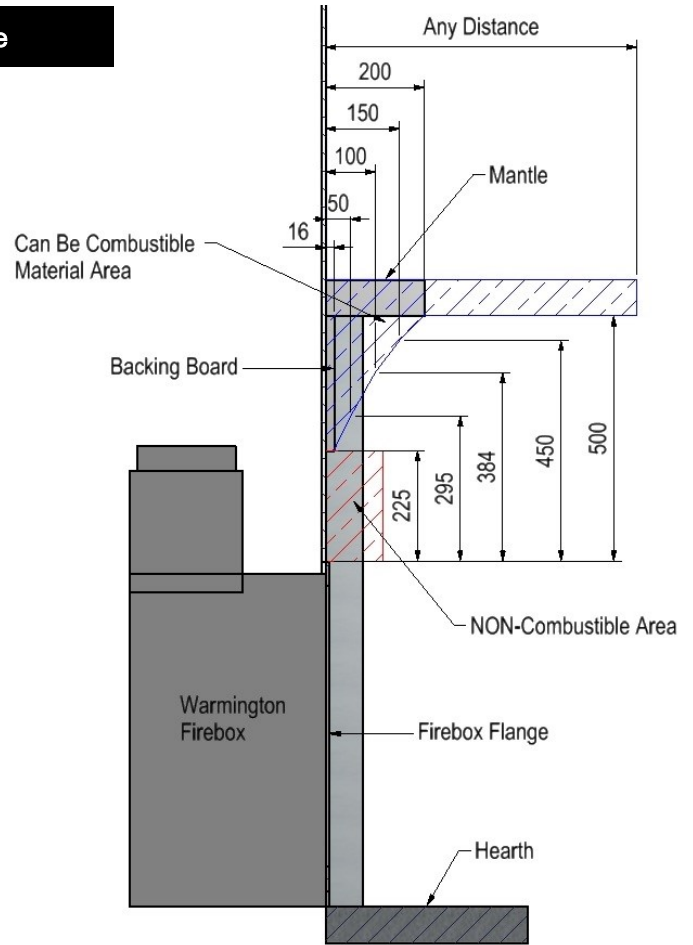
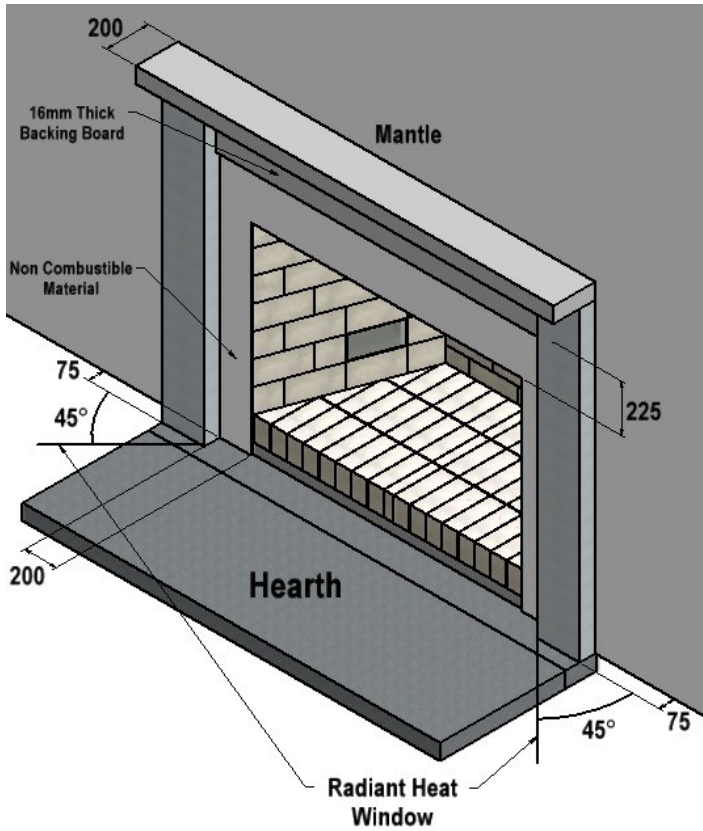
Option Y – Double Lined Flue System



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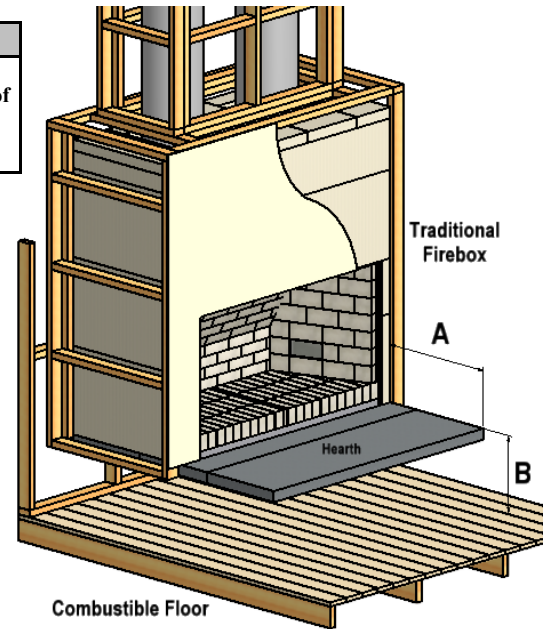
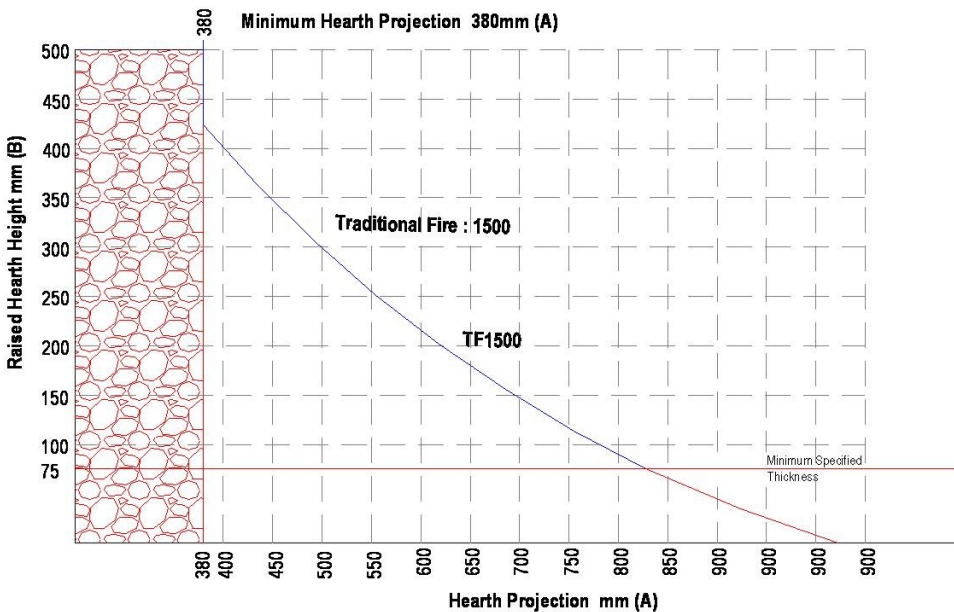
## COMBUSTIBLE MANTEL CLEARANCES : Ref Building Code



## HEARTH CLEARANCES

### Important Note:

A Hearth Extension ABOVE the curved minimum requirement line on the Graph for a selected model of Traditional Fire is an Acceptable Hearth Extension .  
A Hearth Extension BELOW the curved minimum requirement line is NOT acceptable .



### Important Note:

For Raising Trad. Fires on Combustible Floors , at (Dimension B) Height of **420mm** & above the Hearth Extension (Dimension A) of **380mm** must be Maintained .  
This is for all Traditional Fire models.

**GENERAL NOTES : ASNZS 2918 : 2001****NOTES:**

- Fire Operation and Maintenance instructions can be downloaded from [www.warmington.co.nz](http://www.warmington.co.nz).
- Warranty - for full details on product warranties, contact your local Authorised Warmington Retailer.
- Correct installation, operation and maintenance must be maintained to comply with Warmington Warranty.
- The Appliance and Flue System must be installed in accordance with ASNZS2918:2001 and the appropriate Building codes.
- The Flue system and fireplace is to be swept annually or more frequently if required.

**IMPORTANT NOTE ABOUT TRADITIONAL FIRES**

Like the traditional brick backed fire of yesteryear, the Warmington Traditional fire is built with the experience and techniques of the past.. These make a grand statement in the home and with the introduction of the Gas Log Lighter for ease of lighting are simple to operate, however they can lack in efficiency.

**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 download from the web site  
[www.warmington.co.nz](http://www.warmington.co.nz)**



**Industries 1994 LTD  
PO Box 58652, Botany 2163, Auckland  
[www.warmington.co.nz](http://www.warmington.co.nz)**