

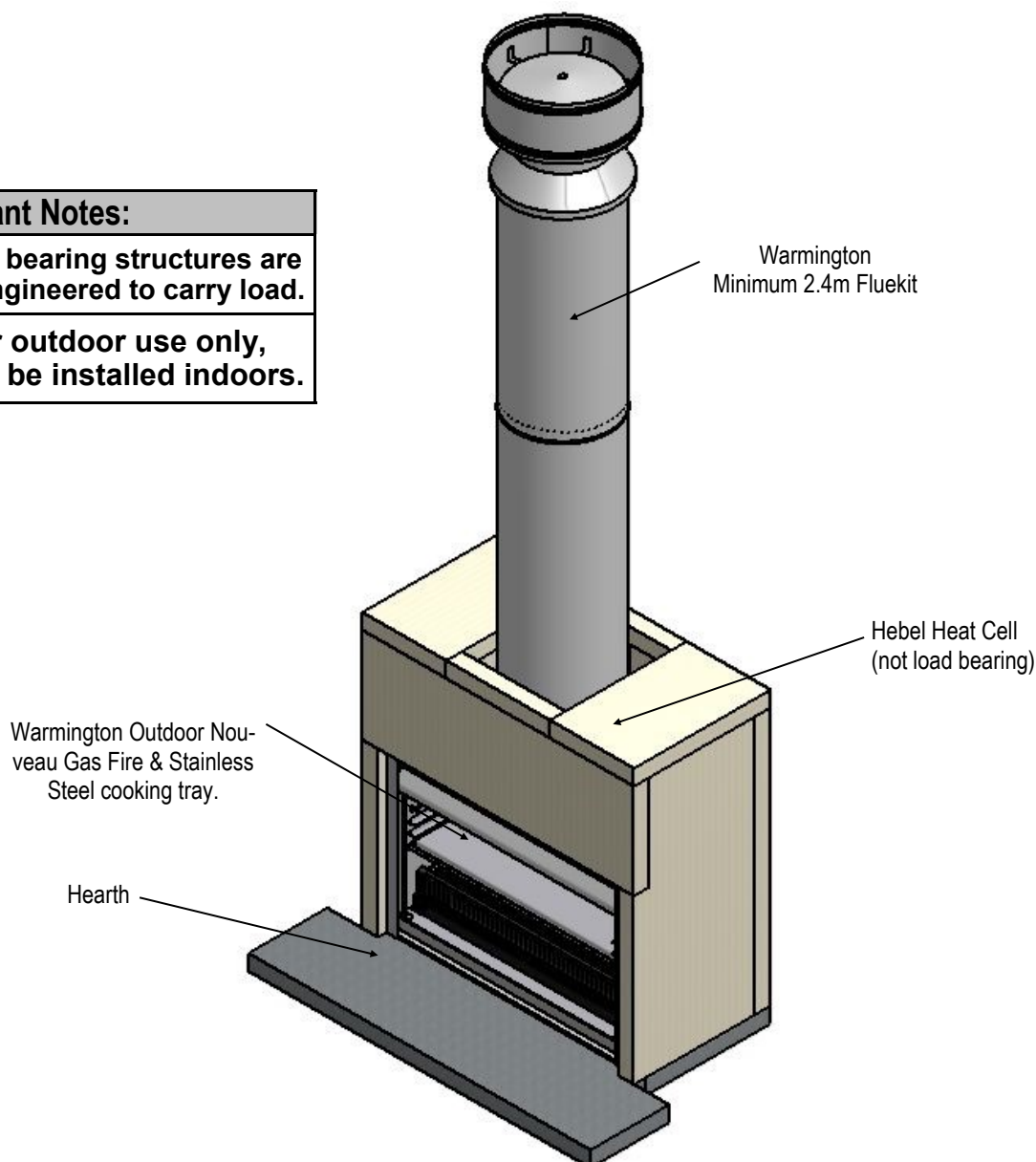
Gas Nouveau 900-1100-1250-1500 SF

Outdoor Gas Cooking Fire - SG Gas Burner Only Installation Instructions

Important Notes:

All load bearing structures are to be engineered to carry load.

Fire for outdoor use only, NOT to be installed indoors.



Related documents

Fire and flue system installation, and instructions to comply with NZS 5601.1:2013, 3645.1(Int):2010, 3645.2(Int):2010, 5266:2014, 2918:2001.

The fireplace is constructed and tested to comply with NZS 4558(int):2013 “Decorative gas log and other fuel effect appliances”.

Keep these instructions for further reference. Ensure that you have the correct and current installation details for the Warmington fireplace.

Installation

The Warmington unit is to be installed by a certified Warmington installer or an approved NZHHA installation technician.

See www.homeheat.co.nz/members for a certified NZHHA SFAIT Installer in your area.

A licenced certified gas fitter and licenced electrician are required to run power and gas supplies as required to the unit and any commissioning as part of the installation process. The heater must be installed according to these instructions and in compliance with all relevant building, gas fitting, electrical and other statutory regulations.

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 Ltd reserves the right to change product specifications without prior notification.

All Dimension are in mm..... Copyright on all products and Specifications ©

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.

Venting to the cavity.

This air is to allow the cavity to vent the warm air. This warm air helps keep the fire and flue system from getting too cold. If the flue and fire get too cold the system may soot often and require cleaning. Each fire has different ways of venting the cavity.

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 hit 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.

Positioning of the Flue system:

There is a maximum distance that an offset flue can be installed. Reference to relevant standards.

Flue And Fire Clearance:

To be maintained to the manufacturer's Instructions.

Installation Notes:

A rebate of 40mm is recommended from the front face of the surround to the front of the fire to reduce the ingress of water into the fire.

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

Prior to Construction and Installation Important Notes:

Consult a licenced certified gas fitter for correct gas installation.

Install to current standards.

Install to manufacturer'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.

Fit Fire to Plinth.

Fit Adaptor to Firebox.

Construct Hebel Enclosure around Nouveau Firebox. (Ensure a 40mm rebate to form a Drip Edge).

Fit Flue System.

Fit Cowl and Flashing System .

Stage 3: Finishing Procedure by Builder.

Construct Hearth to required Thickness. *

Finish Hebel Enclosure and Hearth to Customer's requirements (e.g. paint / tiles).

Close in Hebel Enclosure and Chimney Chase . (If in Timber Alcove).

* Note: Certified NZHHA SFAIT Installer can also 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 NOVEAU FIREBOX DIMENSIONS

Description		SN 900	SN 1100	SN 1250	SN 1500
Firebox Width	A	900	1100	1250	1500
Firebox Height	B	760	760	910	910
Firebox Depth	C	450	450	600	600
Flange Width	D	950	1150	1300	1550
Flange Height	E	785	785	935	935
Adaptor Height	F	425	425	480	480

Minimum Flue Height

Flue Height	2400
Measured From Top of Adaptor	$B + F + 2400$

HEBEL SURROUND DETAILS DIMENSIONS

Description		SN 900	SN 1100	SN 1250	SN 1500
Surround Width	G	1110	1310	1460	1710
Surround Height	H	1325	1325	1640	1640
Surround Depth	I	635	660	770	770
Window Width	J	960	1160	1310	1560
Window Height	K	790	790	940	940
To Centre of Flue	N	312	312	448	387
Flue Diameter	O	300	350	350	450
Liner Diameter	P	400	450	450	550
Flue Centre (From front face of Firebox Flange)	Z	272	272	408	347

Note:

- 'Z' dimension is from Flue Centre to Firebox Front Flange not including 40mm rebate from Hebel Enclosure.
- 'N' dimension is from Flue Centre to the Hebel Enclosure front.

HEBEL HEARTH DIMENSIONS

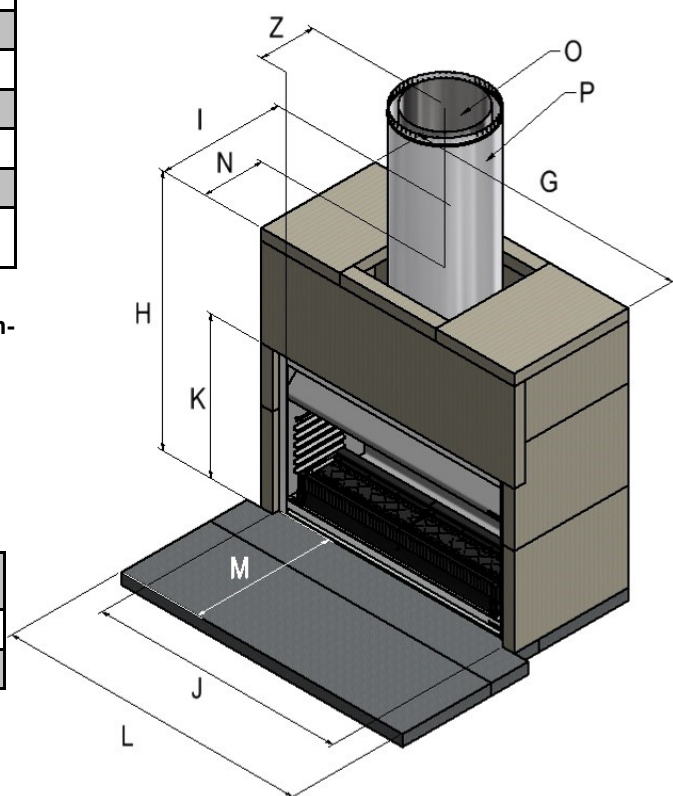
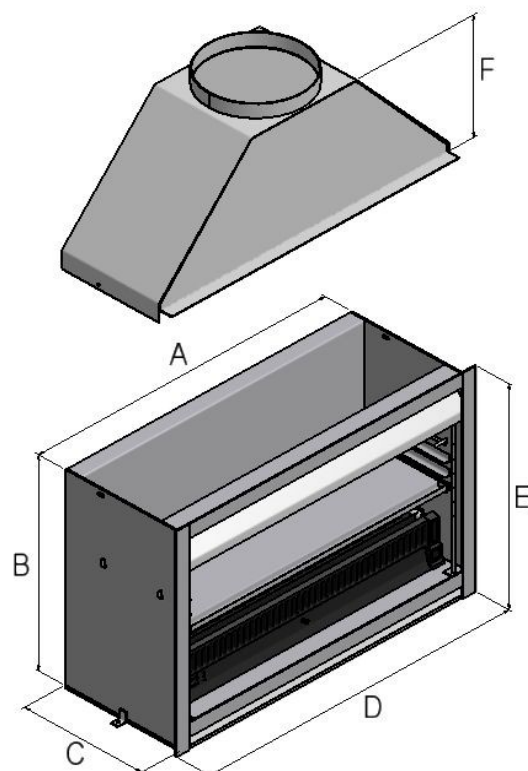
Description		SN 900	SN 1100	SN 1250	SN 1500
Hearth Width	L	1450	1650	1650	1900
Hearth Projection	M	380	380	850	850

Check List

Firebox	
LPG/NG SG Gas Burner	
Ash Pan	
Rack/Hotplate & Grill	
Weather Shield	
Badge	
Adaptor & Bolts	
Packed by	

Note:

Firebox is recessed 40mm into Hebel surround.
Timber framing requires no clearances with Hebel surround.



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).**
1. Fit the firebox into the cavity. Bolt the firebox 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).
2. Fit the adaptor to the firebox. 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 firebox.
3. Install the flue system.
4. Fit the Hebel Heat cell around the fire. A general minimum lay out is shown in this Specification.

HEARTH & PLINTH CONSTRUCTION DETAILS

IMPORTANT NOTE:

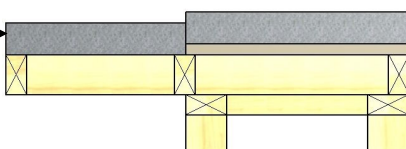
Note: Hearth and Plinth Construction

For Combustible flooring an insulating hearth and Plinth of 75mm Hebel is required.

Plinth to be Offset above Hearth by the Hearth Finishing's (e.g. Tiles /Granite /Solid Plaster /etc)

All load bearing cantilevered Hearths must be Engineered to carry loads.

This is an example of a raised & cantilevered Hearth. See page 15 for further raised Hearth details.



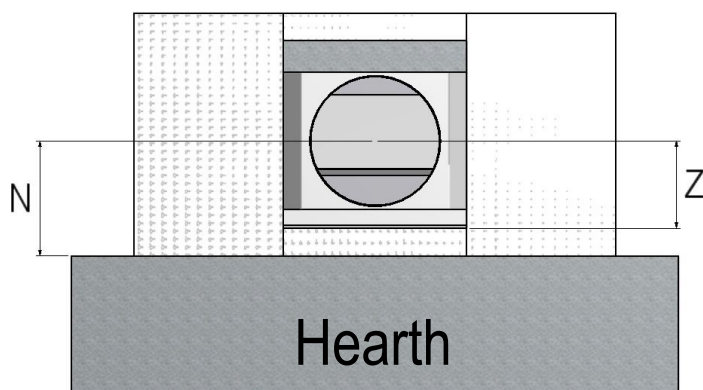
Offset for
Hearth
finishing

This Hearth
& Plinth set-
up is at
floor level

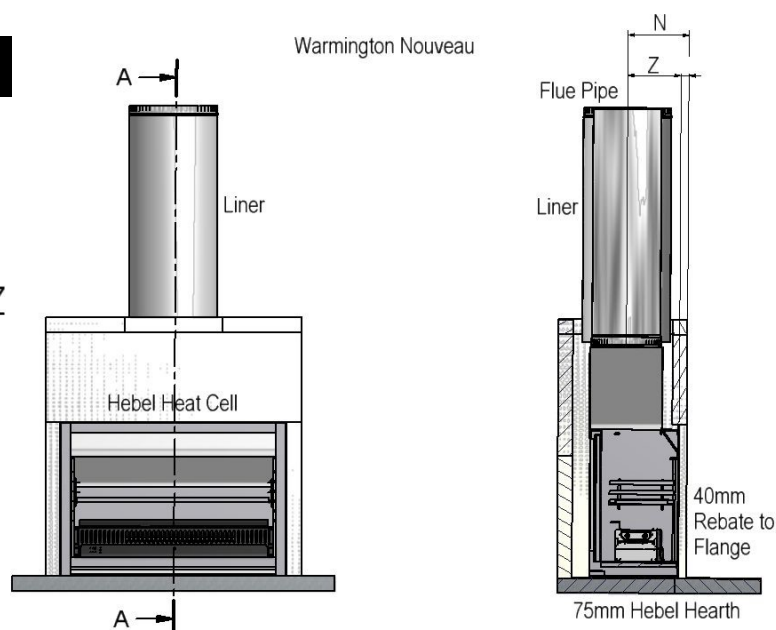
Offset

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

PLAN, FRONT ELEVATION & CROSS SECTION



Visit the Warmington website for ‘Hebel’ instruction PDF sheet at www.warmington.co.nz



TIMBER FRAMING & TRIM OUT DETAILS

Firebox		SN 900	SN 1100	SN 1250	SN 1500
Frameout Clearance Width	O	1170	1370	1490	1770
Frameout Clearance Depth	P	665	690	800	800
Frameout Clearance Height	Q	2230	2230	2230	2230
Hearth Width	R	1450	1650	1650	1900
Hearth Projection	S	380	380	850	850
Window Height	V	1430	1430	1745	1745
Window Width	W	1170	1370	1490	1770
Chimney Chase Clearance	X	500	550	550	650

MINIMUM HEAT CELL ALCOVE CLEARANCES & FRAME OUT

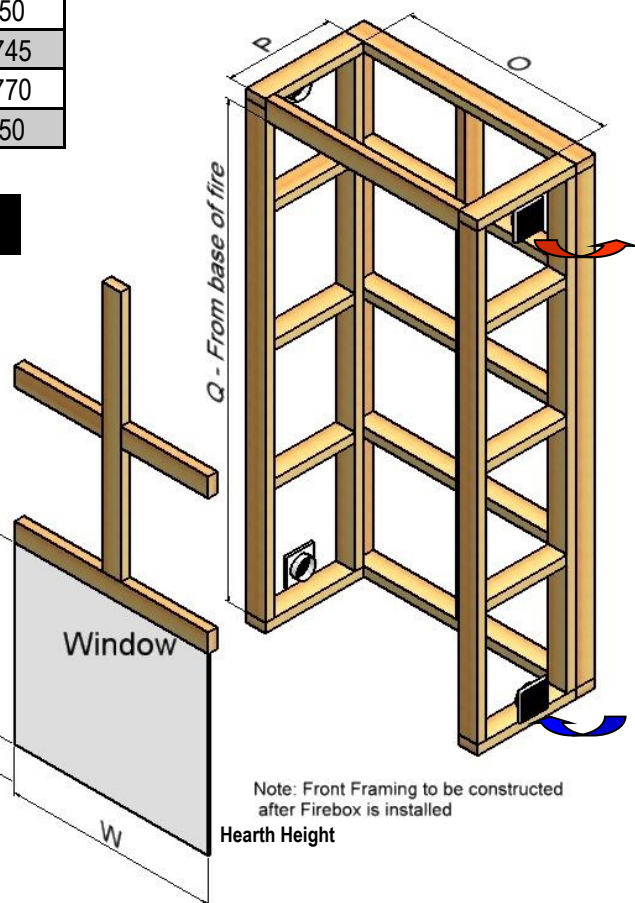
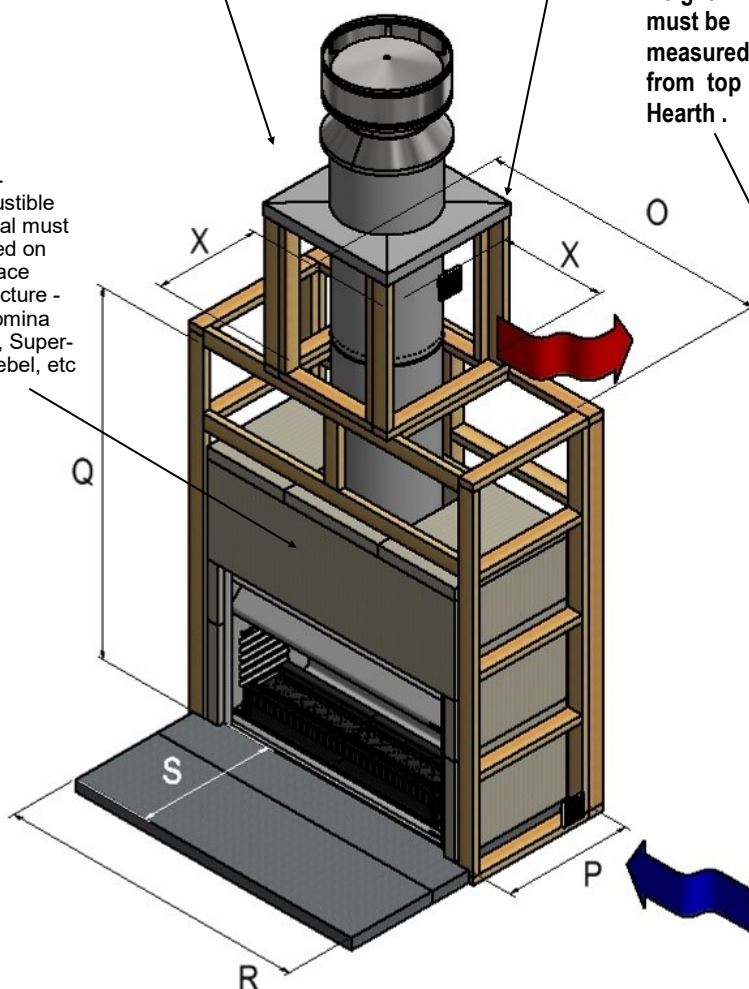
See Page 12
for S/S flashing
detail & correct
spigot heights

Note:

Centre Line of Flue is 'NOT' in
Centre of the Chimney chase

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

A non-
combustible
Material must
be used on
front face
of structure -
eg Promina
Board, Super-
lux, Hebel, etc



Note: Front Framing to be constructed
after Firebox is installed
Hearth Height

Important Notes:

All framing dimensions are Internal only.

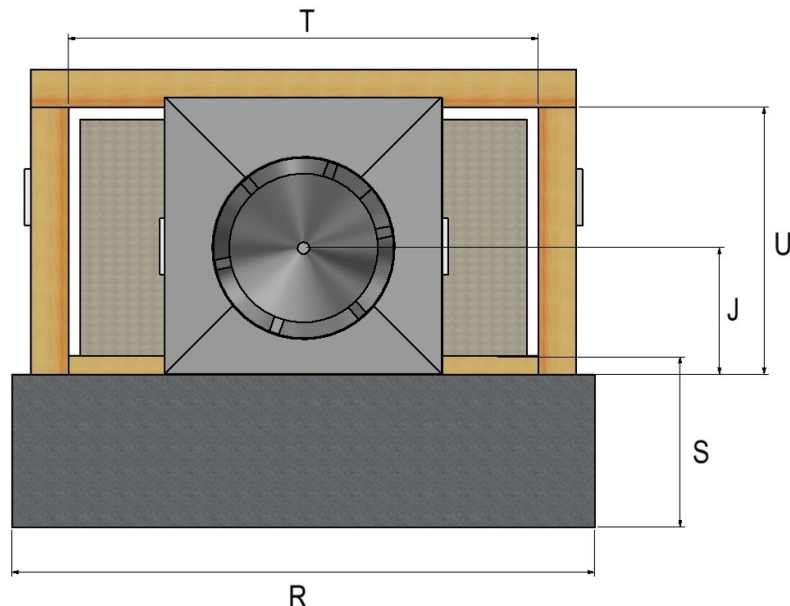
All Timber Framing & Cladding must be
constructed to suit an Outdoor Environment as
per NZ Building Code.

Firebox is recessed 40mm into Hebel
surround. Timber framing requires no
clearance with Hebel surround.

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

TIMBER: PLAN, FRONT ELEVATION & CROSS SECTION

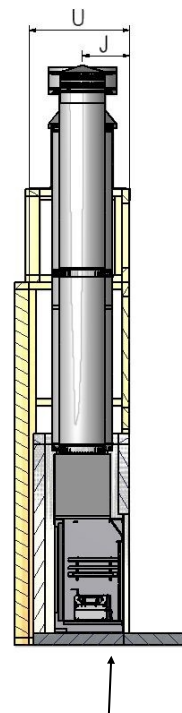
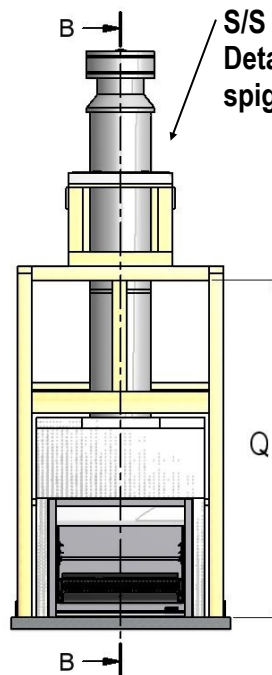
Firebox		SN 900	SN 1100	SN 1250	SN 1500
Hearth Width	R	1450	1650	1650	1900
Hearth Projection	S	380	380	850	850
Plinth Width	T	1170	1370	1490	1770
Plinth Depth	U	665	690	800	800
Centre of Flue	J	312	312	448	387



Important Note:

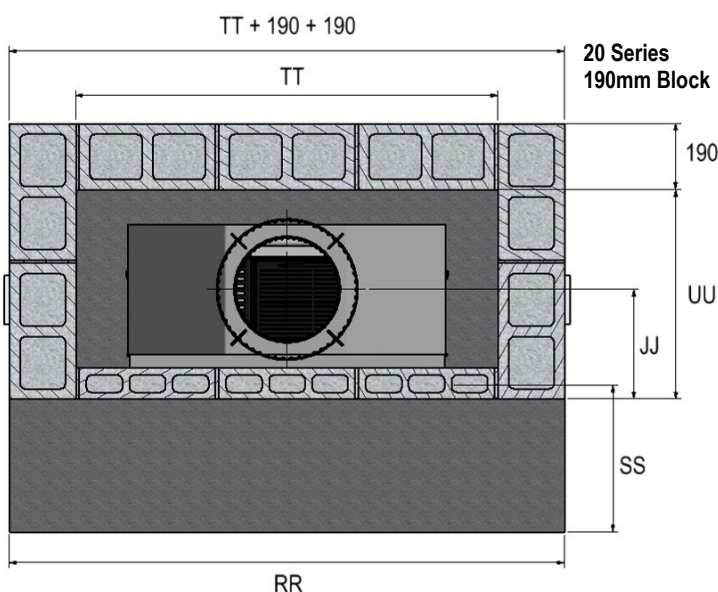
All Load Bearing Structures are to be Engineered to carry load.

See Page 12 for S/S Flashing Detail & correct spigot heights



BLOCK: PLAN, FRONT ELEVATION & CROSS SECTION

Firebox		SN 900	SN 1100	SN 1250	SN 1500
Hearth Width	RR	1590	1650	1650	1900
Hearth Projection	SS	380	380	850	850
Plinth Width	TT	1210	1210	1610	1610
Plinth Depth	UU	600	600	700	700
Centre of Flue	JJ	312	312	448	387

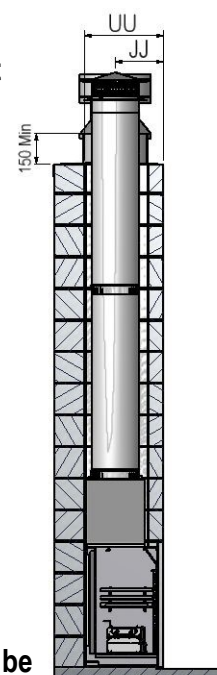
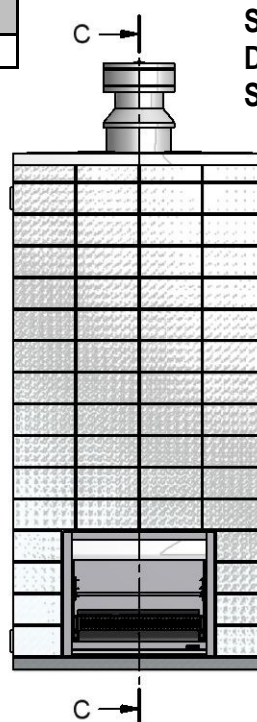


Note:

Centre line of Flue is 'NOT' in centre of alcove

Firebox to be rebated min 40mm

See Page 12 for S/S Flashing Detail & correct Spigot Heights



Firebox to be rebated min 40mm

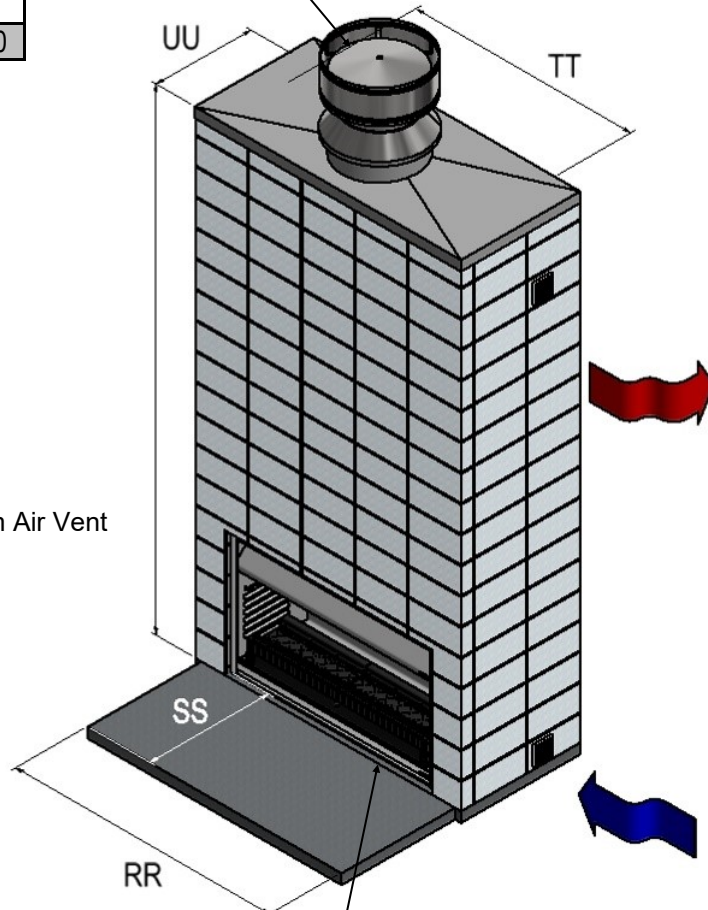
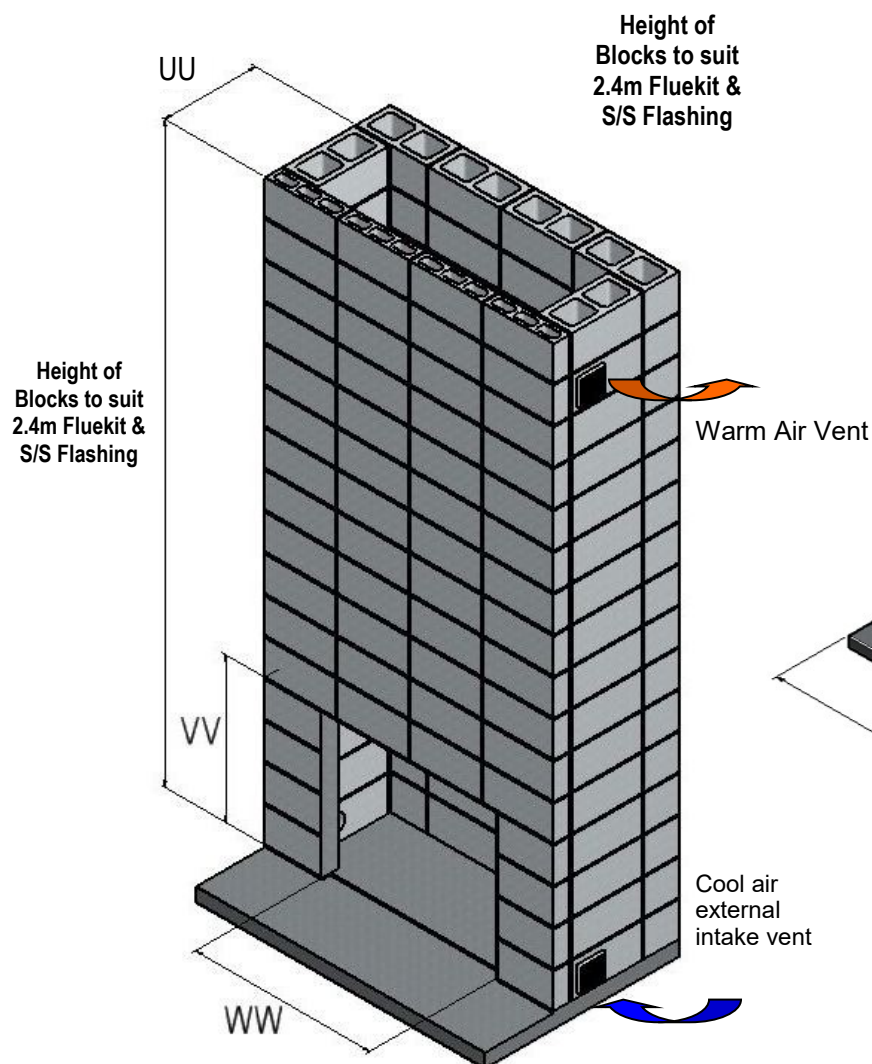
BLOCK ALCOVE & TRIM OUT DETAILS

Firebox		SN 900	SN 1100	SN 1250	SN 1500
Plinth Width	TT	1210	1210	1610	1610
Plinth Depth	UU	600	600	700	700
Hearth Width	RR	1590	1650	1650	1900
Hearth Projection	SS	380	380	850	850
Window Height	VV	790	790	940	940
Window Width	WW	960	1160	1310	1560

See Page 12 for
S/S Flashing
Detail & correct
Spigot Heights

Note:

Centre line of Flue is 'NOT' in
centre of alcove



Note:

Firebox is recessed 40mm into
Non-combustible surround.
Timber Framing requires no
clearances with Hebel surround.

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 for further details.

All load bearing structures are to be Engineered to carry load.

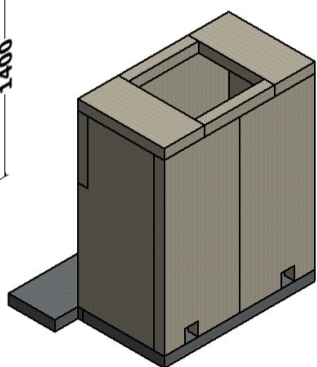
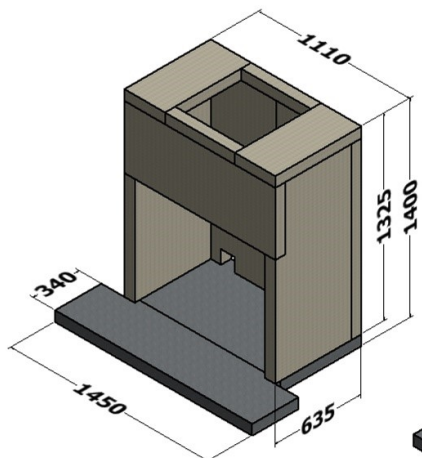
HEBEL HEAT CELL & CUT SIZES

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

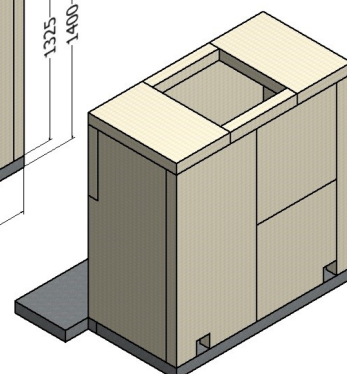
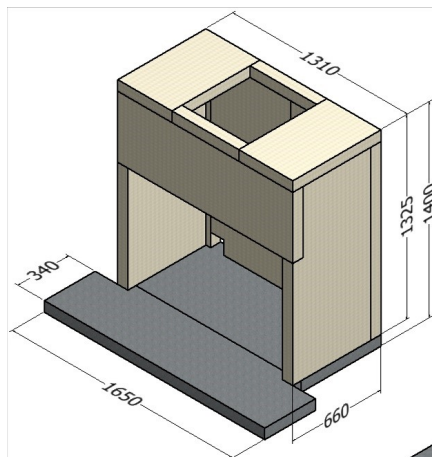
(2400x600x75) Power Panels are required for basic heat cell construction as shown in detail "Firebox with Hebel Surround".

***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).

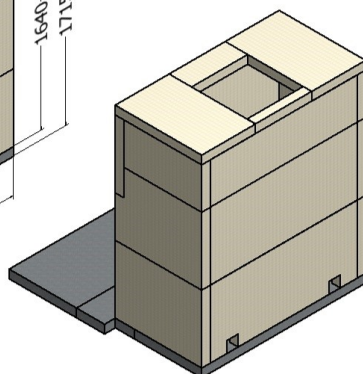
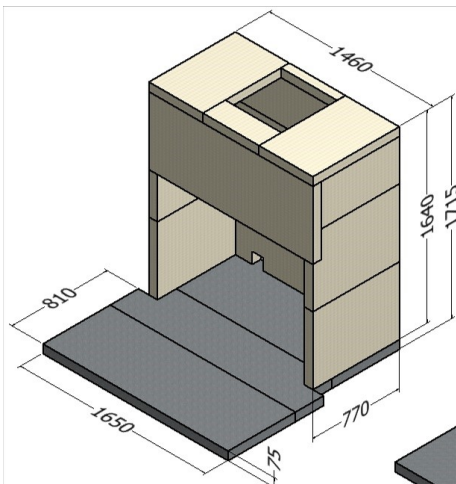
SN 900
Hebel Surround



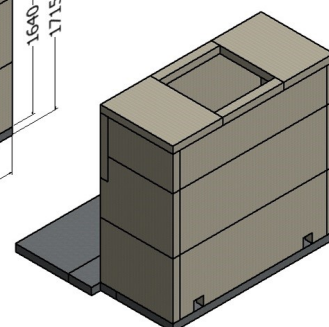
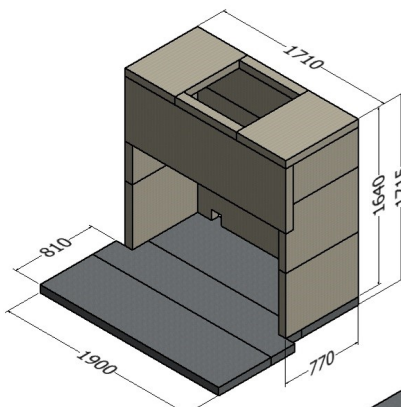
SN 1100
Hebel Surround



SN 1250 SF
Hebel Surround



SN 1500 SF
Hebel Surround Assembly



Note: HEBEL KITSET ASSEMBLY DETAILS

When purchasing the 'Hebel Heat Cell Kit' the assembly guide comes with the kit.

These Hebel Kits are NOT designed to be load bearing.

***Note:** If Solid Plastering the structure, it is recommended to use a Fibreglass Mesh with a Latex based solid plaster to minimise the chance of cracking. (See your Solid Plasterer for correct materials and applications).

FLUE DETAILS DIMENSIONS

Minimum Flue Height	
Flue Height	2400
Measured From Top of Adaptor	B + F + 2400

Flue details	No:	SN 900	SN 1100	SN 1250	SN 1500
Cowl	1	300	350	350	450
Cone	1	300	350	350	450
Top Spider	1	300	350	350	450
Flue Diameter	2	300	350	350	450
Liner Diameter	2	400	450	450	550
Spacer	2	300/400	350/450	350/450	450/550

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.
Visit: 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).

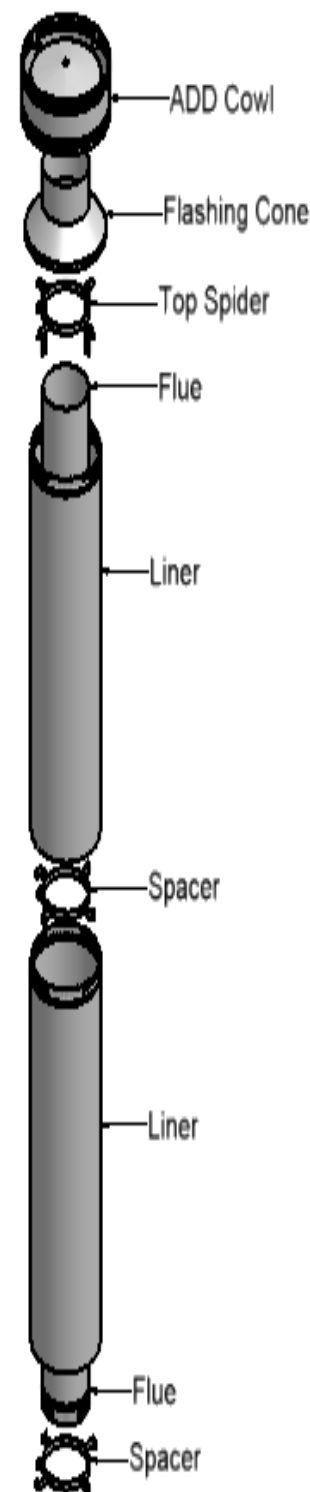
1. Install the first length of Flue Pipe with the Crimped end down inside the Adaptor collar, ensure that the Flue Pipe is tight into the collar . Rivet the Flue in 3 places around the Adaptor collar. Place a spacer around the Flue Pipe approximately 150mm above the Adaptor Collar. Secure in position by tightening the Screw and Nut.
2. Install the Second Length of Flue Pipe with the Crimped end down into the First Length and secure by Riveting in at least 3 places around the Flue Pipe joint .
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 around the Flue Pipe.
4. Position Flue Spacers near 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 the current standards.
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 Top of the “Flashing Cone” and the “Flue Pipe” are **flush**, or that

- ‘Flue pipe’ shall extend no less than the minimum flue height supplied.
- The ‘minimum’ height of the flue system within 3m distance from the highest point of the roof shall be 600mm above that point.
- The ‘minimum’ height of the flue system further than 3m from the highest point of the roof shall be 1000mm above the roof penetration.
- No part of any building lies in or above a circular area described by a horizontal radius of 3m about the flue system exit.

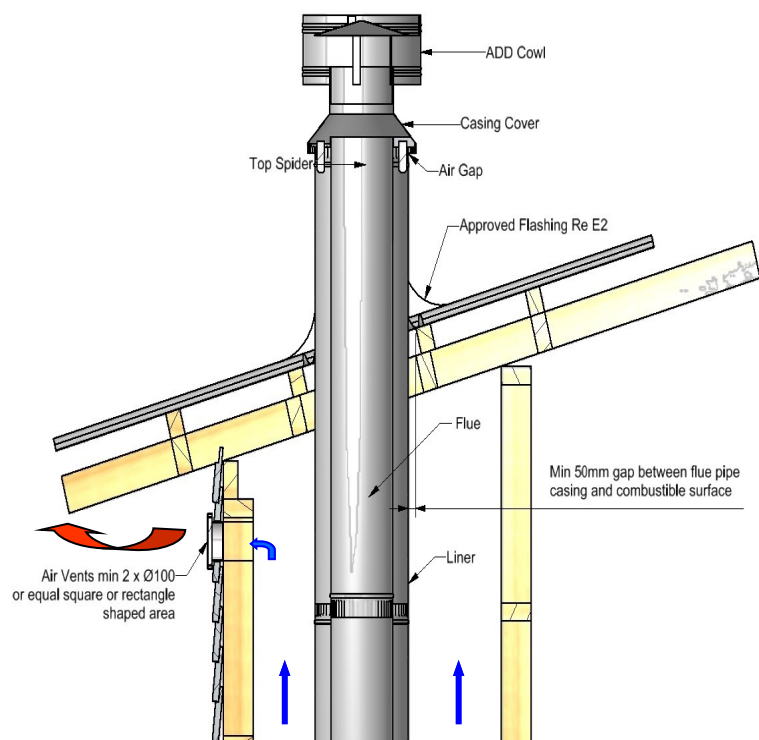
2. the “Flue Pipe” is **5mm lower** than the “Flashing cone”.
2. Fit the “Top Spider” into position, ensure that the legs of the Spider are fitted inside the Liner and that the spider is positioned hard down onto the Liner and Tighten with the Screw and Nut.
3. Place the “Flashing Cone” over the “Flue 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” over the Top & Inside of the Flue Pipe . The “Cowl” , “Flashing Cone”, and the “Flue pipe” can be secured to each other with the use of a Stainless Steel Self Tapping Screw. This will secure the “Cowl System” in high wind areas.
5. Flue Systems may require Bird Protection due to the Installation and locations, discuss this with your Installer for the best advice as this may not be supplied .
6. If the Flue System is Installed into a “Chimney Chase”, allow for Air Venting as close to the top of the Chase as possible , 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 Page 11-12 in this Specification .

Note: FLUE SYSTEMS casing

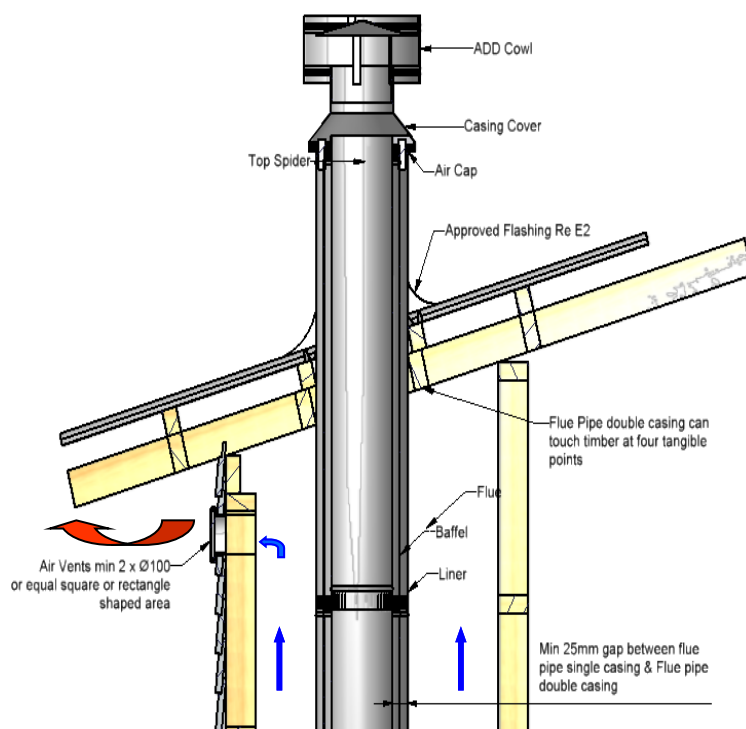
Flue system may require to be doubled lined to comply. Refer to relevant standard.



FLUE PENETRATION Vented through Alcove (Single lined Flue System)



FLUE PENETRATION Vented through Alcove (Double lined Flue System)



Note: FLUE SYSTEMS Casing.

Flue system may require to be doubled lined to comply. Refer to the current standards.

Note:

External requirements
Refer to relevant standards.

Install flue system to relevant standards.

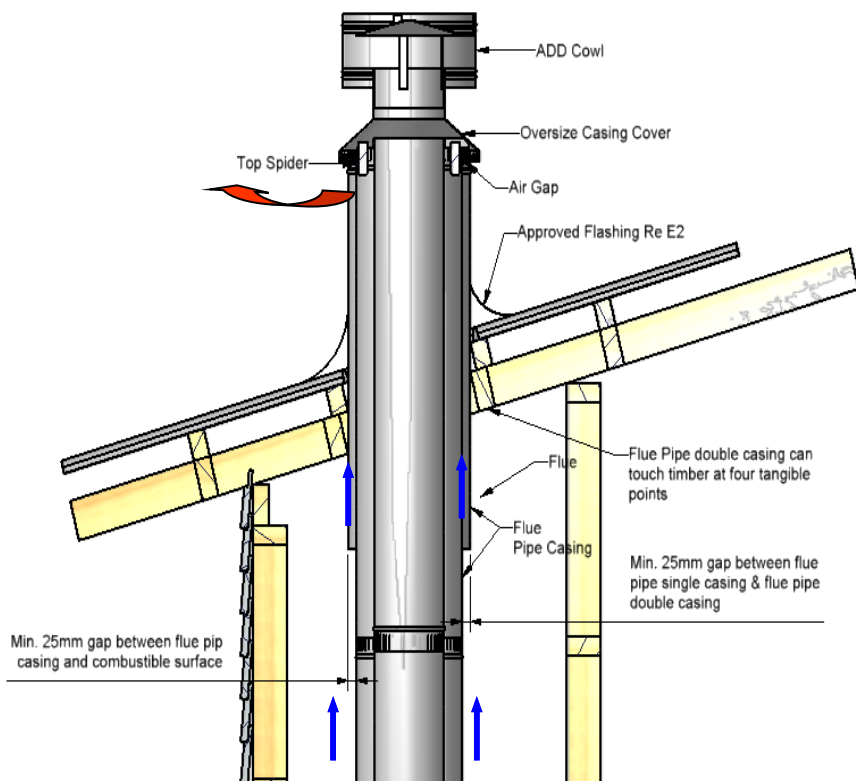
When using a rubber or bitumen flashing (butynol, dectite) an additional flue pipe baffle is required.

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.

FLUE PENETRATION Vented through Top Flashing



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

CHIMNEY CHASE FLASHING DETAILS

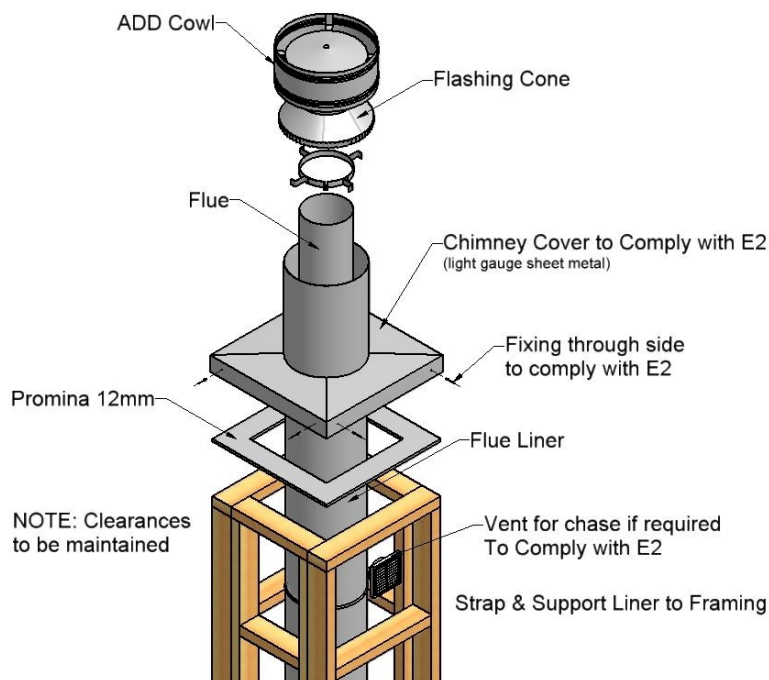
Note: FLUE SYSTEMS casing

Flue System may require to be doubled lined to comply. Refer to relevant standard.

Note:

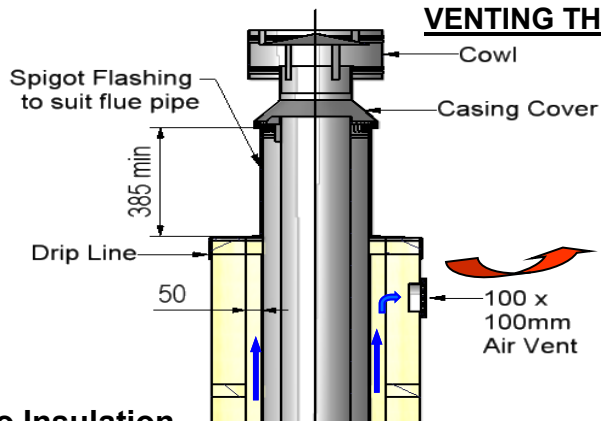
Flashing Spigot Height is determined by the Insulation that is fitted under the flashing. See details at bottom of page.

General Chimney Chase Flashing Lay Out

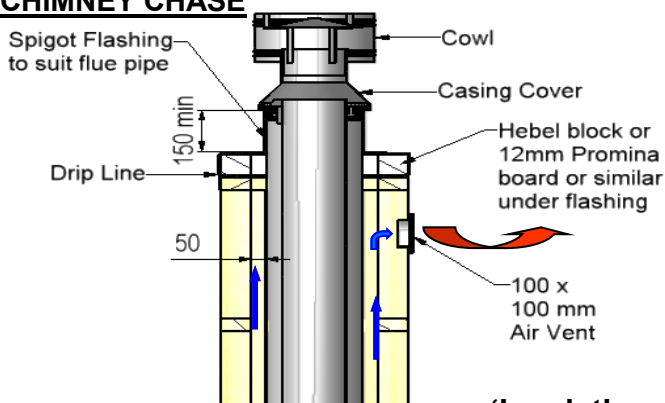


"CHIMNEY CHASE FLASHING" AND "AIR VENTILATION" OPTIONS:

VENTING THROUGH CHIMNEY CHASE

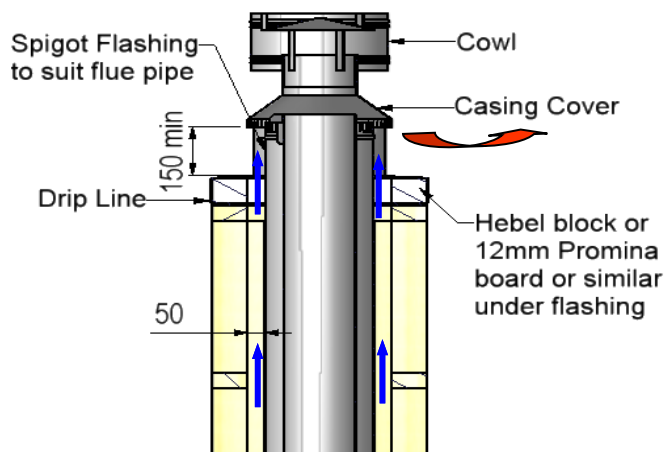
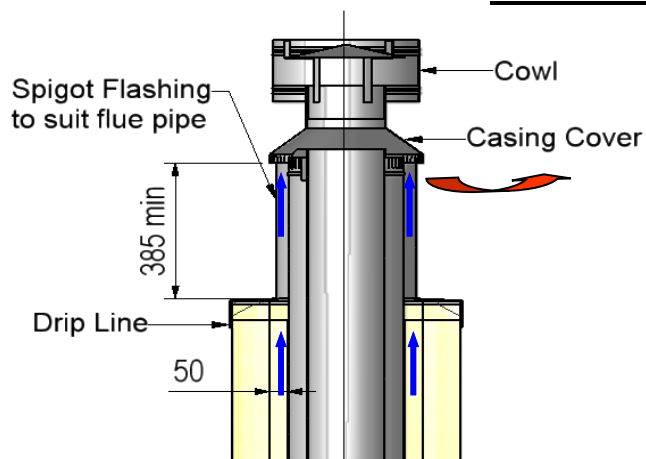


'No Insulation under flashing'



'Insulation under flashing'

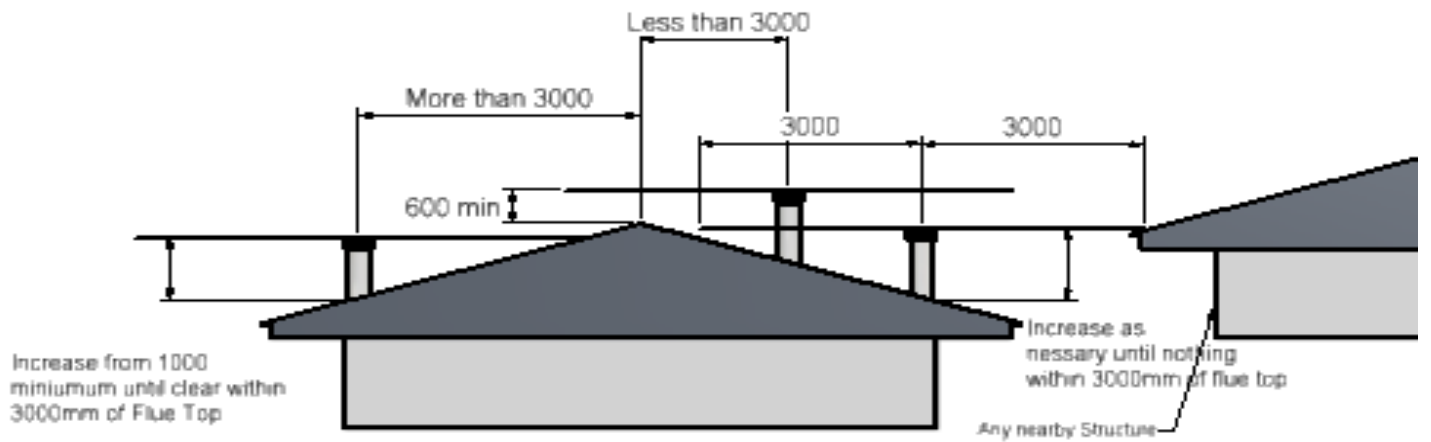
VENTING THROUGH FLASHING



FLUE HEIGHT MINIMUM DETAILS

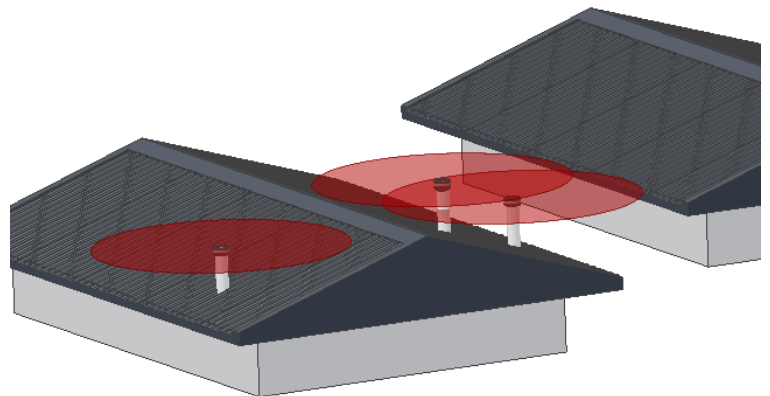
Note: FLUE SYSTEMS casing

Flue System may require to be doubled lined to comply. Refer to relevant standard.



The Flue exit is to Comply to relevant standards.

3D View



FRAME OUT AND TRIM OUT DETAILS FOR CHIMNEY CHASE

Option X – Singled Lined Flue System

Option Y – Double Lined Flue System

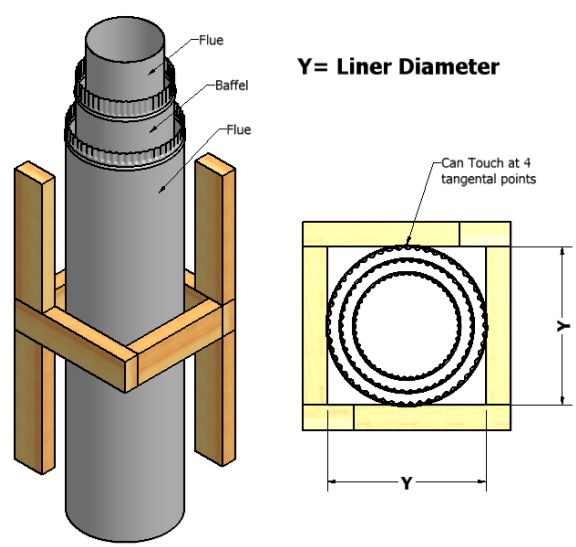
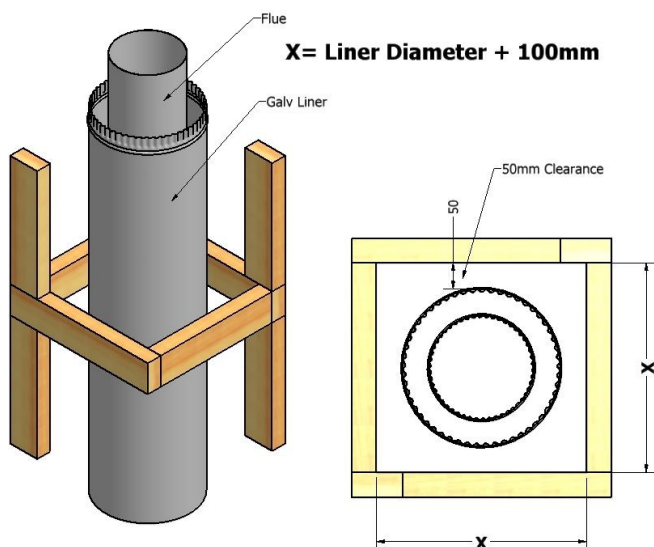
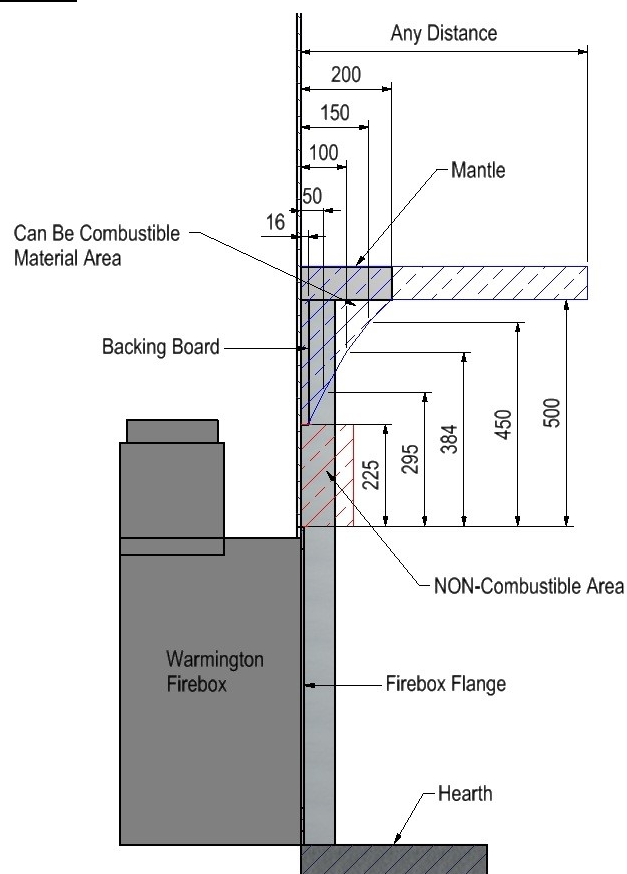


Diagram illustrating the required exclusion area for a fireplace assembly. The assembly includes a Backing Board, Mantle, and Hearth. The exclusion area is defined by a 200mm wide base and a 225mm high side panel. The diagram also indicates that the exclusion area must be combustible.

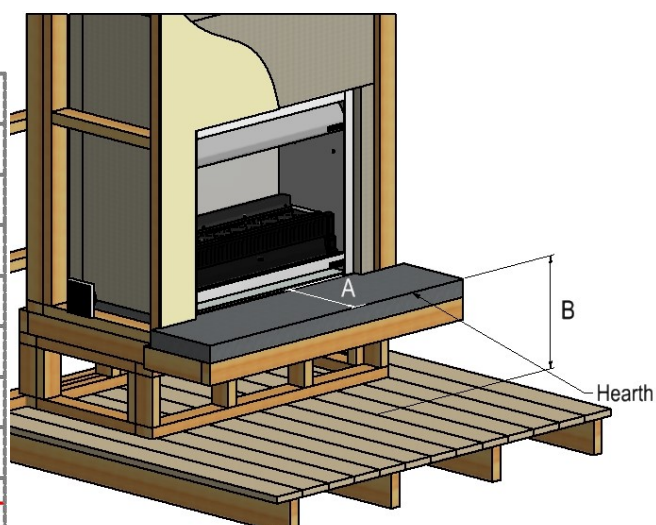
Reference: Building Code C1 Outbreak of Fire



All load bearing structures are to be Engineered to carry load.

The graph illustrates the relationship between Hearth Height (mm) and Hearth Projection (mm) for different SN series. The Y-axis represents Hearth Height in mm, ranging from 75 to 500. The X-axis represents Hearth Projection in mm (A), ranging from 380 to 900. A red hatched area on the left indicates the minimum specified thickness for SN900 and SN1100. A blue line represents the minimum specified thickness for SN1250, SN1500, and SN2000. A horizontal red line at 75 mm indicates the minimum specified thickness.

Hearth Height (mm)	SN900 / SN1100 Projection (mm)	SN1250 / SN1500 / SN2000 Projection (mm)
500	~480	~550
400	~420	~480
300	~380	~420
200	~380	~380
100	~380	~380
75	~380	~380



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

SG Burner Range Only: Gas Nouveau Outdoor Fireplaces

TO THE INSTALLER / GAS FITTER & ELECTRICIAN

NOTES:

- Service annually or more if required.
- Custom built to clients requirements to relevant and current standards.
- The appliance and flue system must be installed in accordance with the relevant and current standards and the appropriate building codes.
- The appliance and flue system must be tested in accordance with the relevant and current standards and the appropriate building codes.

FLUED GAS APPLIANCES All Gas Fires requiring Warmington Flue Systems shall be Installed to the requirements of the current standards and shall be appropriately designed and constructed to permit safe and effective use. This Appliance must be flued to the outside atmosphere. All Warmington Fires must be Installed with a **minimum of 3.6m** of Approved **Warmington Gas Flue and Liners** . (Flueless Gas Fires Do Not Have Flue)

GAS TYPE All Gas Fires shall operate safely on the Gas Type specified on the Appliance and shall comply with the requirements of The Gas Act 1992 .

APPLIANCE SAFETY Any gas fire appliance shall comply with the safety requirements of the current standards listed under "Related documents" in this specification.

ELECTRICAL REQUIREMENTS All Gas Fire Appliances Installed with Mains Supplied Electrical components for associated use with these Appliances, must comply with The Electricity Regulations 1993.

ELECTRONIC CONTROL SYSTEMS Any Gas Fire Appliance Installed with Manual or Programmable Electronic Control System shall be tested and/or approved by a Recognised Person or Authority.

SEISMIC RESTRAINTS All Fires used for Domestic and Commercial Purposes shall be firmly secured (unless defined as portable or mobile) to prevent dislodgement from their point of fixture or Installation during Seismic Activity. Such Restraint must be of a reasonable expectation .

GAS CONNECTION

A Gas Certificate must be obtained for the Installation and Commissioning of this Appliance and Flue System. (If Required)

Check that the Gas Type Specified on the Data Plate is correct for the available supply (LPG or NG).

A Copper Gas supply capable of supplying the correct MJ/h , should be brought into the rear of the Installation Cavity through the hole provided. A Flare Nut is provided on the Burner for Gas Connection to the Appliance.

COMMISSIONING AND TESTING OF FIREPLACE - GENERAL INSTRUCTIONS (To be carried out by Gasfitter)

Read all the instructions before commissioning. Install coals and logs and burner before commission.

Light appliance and check HIGH/LOW settings. Check operation of appliance and adjust to suit.

Adjust control valve setting if required. After a period of running (30min Plus) check the setting of the pilot and adjust if required. See Spec's for details.

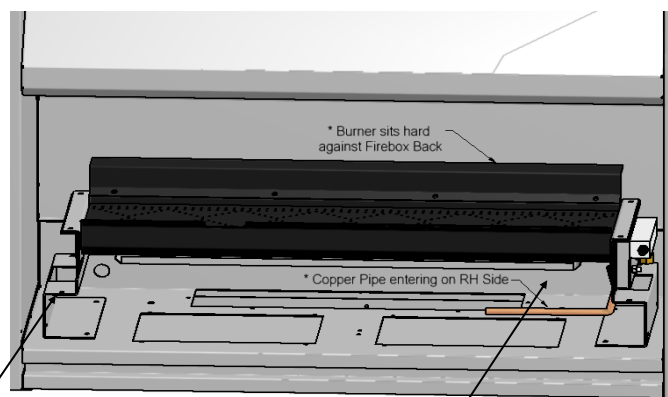
Extinguish appliance, remove test equipment and secure test nipple. Check for Gas Leaks.

Note* The Control Valves are factory set and should not require adjustment.

FITMENT OF BURNER

GAS FITTER TO CARRY OUT STANDARD TESTING FOR COMMISSION:

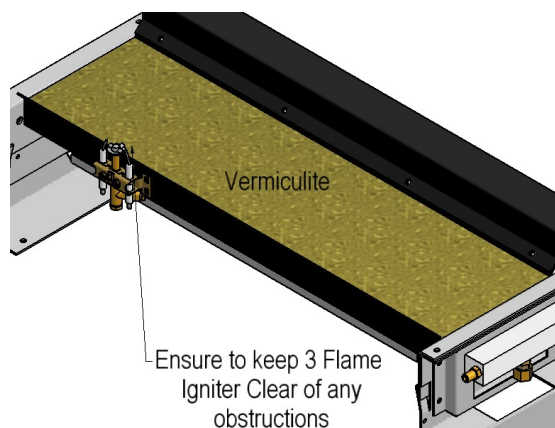
- Leak testing appliance & joints
- Correct operation of the burner and coal and log lay out.
- Test gas pressures high and low, drop test on supply line.
- 5 second light time across burner, Other testing that may be required.
- Ventilation requirements to the standards.
- Hand over to client, tests and comply to relevant standards.



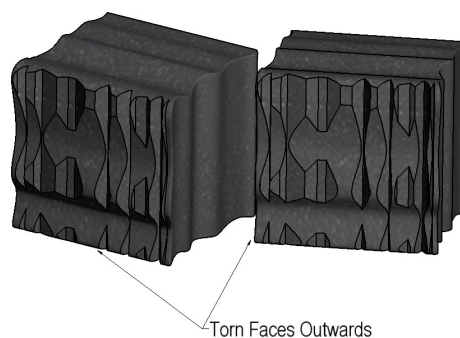
Burner may be
secured
To the Firebox
(Optional)

Gas supply pipe into fire,
by Gasfitter. See spec's for
pipe sizes.

VERMICULITE (COA RSE) (To be set by Gasfitter)



General coal orientation for optimum effect.



APPLYING THE VERMICULITE : (Coarse - must be larger than the burner plates holes so not to block them)

Apply with care a thin layer of Vermiculite over the Burner, just enough to cover the Burner Tray only .

NOTE: If the burner flame is uneven, the Vermiculite may need to be changed or sifted to remove the smaller pieces that can block the burners holes. The smaller pieces can ,cause uneven burn and the unit to run dirty.

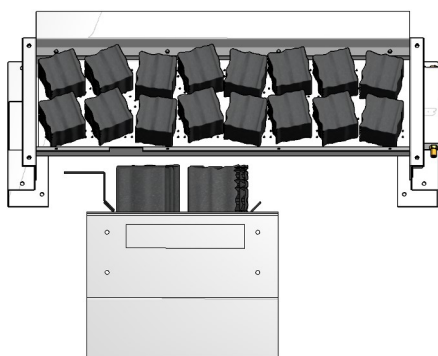
COALS AND LOGS (To be set by Gasfitter)

Gloves should be worn when handling Ceramic Fibre Coals & Logs: care needs to be taken when handling Coals & Logs , Due to the carbon on the coals can stain the surroundings.

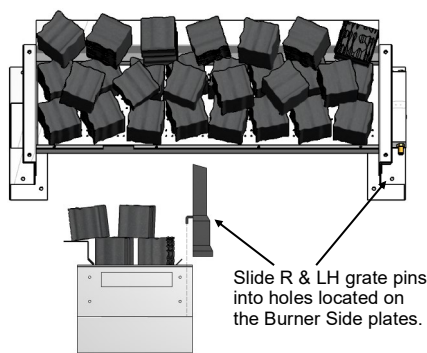
HELPFUL HINTS : When Hot use Metal Tongs.

Apply a thin layer of Vermiculite over the Burner, just enough to cover the Burner Tray only as shown above.

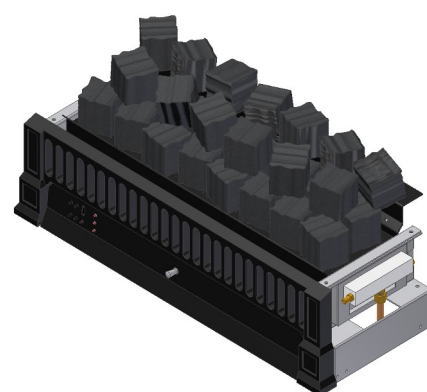
1: Bottom Row: Assemble 2 bottom rows of coals onto the Vermiculite base. **2: Top Row:** Assemble 2 top rows of coals onto the bottom row.



1 : Bottom Row



2 : Top Row



Model SG780 Shown: Total number of coals will vary per model.

Each Coal randomly positioned with the torn (roughest) face outward. **Ensure Coal positioning does not directly block the 3 Flame Pilot.**

The placement of the Coals & Logs may vary to make an even flame pattern.

Logs and Twigs may be scattered to achieve best visual effect.

Fit Burner grate by sliding R & L side metal pins on grates, into holes located on burner side plates, as shown below.

	Number of Coals per Row		Number of Rows		Total Coals
Model	Bottom	Top	Bottom	Top	Total
SG 700	6	5	2	2	22
SG 780	8	6	2	2	28
SG 900	10	9	2	2	38
SG 1100	11	10	2	2	42

IMPORTANT NOTES:

GAS SPECIFICATIONS

Tested to current gas standards

NOTE : All Test Pressures are tested by a Independent Test Lab

* Inlet Pressure not to exceed 4.0KPa

MODLE	SG 700	SG 780	SG 900	SG 1100
LPG				
Nominal Pressure kPa	2.75 kPa	2.75 kPa	2.75 kPa	2.75 kPa
Nominal Injector Size mm	2 X 1.1mm	2 X 1.2mm	2 X 1.3mm	2 X 1.4mm
Burner Pressure High kPa	2.5	2.5	2.5	2.5
Burner Pressure Low kPa	0.75	0.75	0.75	0.75
MJ/h	29	38	42	50
Falme Effect Output Only	Effect	Effect	Effect	Effect
Supply Pipe Size dia—min	3/8"	3/8"	1/2"	1/2"
Natural Gas				
Nominal Pressure kPa	1.5 kPa	1.5 kPa	1.5 kPa	1.5 kPa
Nominal Injector Size mm	2 X 1.8mm	2 X 2mm	2 X 2.2mm	2 X 2.4mm
Burner Pressure High kPa	1	1	1	1
Burner Pressure Low kPa	0.3	0.3	0.3	0.3
MJ/h	35	41	48	60
Flame Effect Output Only	Effect	Effect	Effect	Effect
Supply Pipe Size dia—min	3/8"	1/2"	1/2"	1/2"

Lab. Test No	GL 923	GL 900	GL 834	GL 876
Lab. Test Dates	20/04/2010	26/02/10	26/06/09	24/12/09
ESS Declaration No:	1149420106	1149520106	1149720106	1149820106

OPERATION OF YOUR WARMINGTON GAS NOUVEAU FIRE (SG ONLY)

Your Fire must be Installed and Tested by a suitably qualified Gasfitter prior to use.

To light:

Open Burner Grate Front Cover by pulling it towards yourself.

Depress the Manual Ignition Switch and hold in the '**PILOT**' position for 3-5 seconds. (This may take some time for the Gas to come through to the Pilot-3 Flame)

Strike the Manual Ignition Switch by turning to the '**STAR**' position, maintaining the Switch in a Depressed State ; (repeat steps 2 & 3 if necessary).

Once the Pilot Flame is lit, hold this position for 3-5 seconds, release from the depressed state before setting the flame control to full, it may take 3-5 seconds for the Burner to Light .

If a Solenoid is fitted to a SG Burner the Pilot Flame should stay on at all times with the Manual Ignition Switch set to the desired High or Low Flame setting, unless you turn it Off/On at the Ignition Switch manually. Once the Ignition Switch is set you can turn the Solenoid Off/On at your wall switch to allow gas into the Burner.

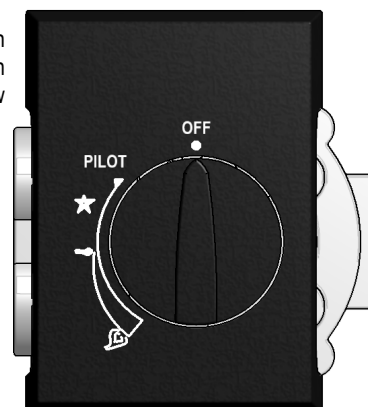
Once the Flame Bed is established, set the Flame Control to the desired level & close cover.

To shut down:

Open Burner Grate Front Cover by pulling it towards yourself.

Turn Manual Ignition Switch to '**PILOT**'. Flame bed will extinguish.

Pilot light may be extinguished by switching Manual Ignition Switch to '**OFF**' before closing cover.



ADJUSTMENT OF HI—LOW PRESSURE

(SG ONLY)

(Only to be Adjusted by Gasfitter)

Adjustment of High & Low Settings Must be Carried out by a Certified Gas Fitter Only .

If a Solenoid is fitted to the SG Burner ensure the power switch at the wall is turned On to allow gas into the Burner .

Note* Control Valves are Factory Set but may require adjustment onsite.

Turn Appliance off & remove front plastic cover on Igniter, pull cover to slide off.

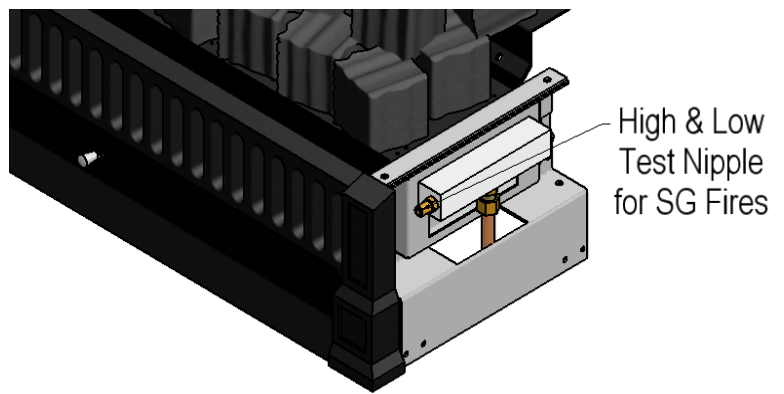
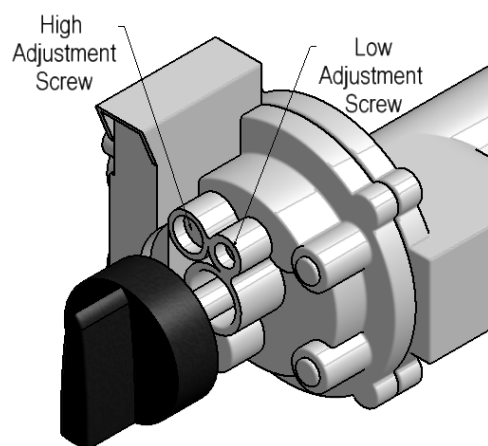
Unscrew test nipple on the Burner manifold & fit the test gauge securely - See Diagram.

* To Set the High: light the burner & turn to High - then adjust the High screw to the desired pressure - See Spec's.

* To Set the Low: Light the burner & turn to Low - then adjust the Low screw to the desired pressure - See Spec's.

Extinguish Appliance, remove test equipment and secure test nipple.

* Check valve & burner for correct operation & check Fire for gas leaks.



Note : Location of the Test Nipple - may vary from Model to Model

ADJUSTMENT OF THE PILOT - 3 FLAME

(BOTH SG & EG)

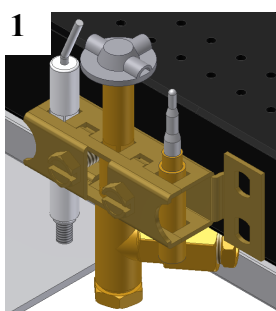
(Only to be Adjusted by Gasfitter)

Note: When the Base screw is removed, gas will leak from the out let, ensure that the pilot is not adjusted or the screw is removed when the fire is burning.

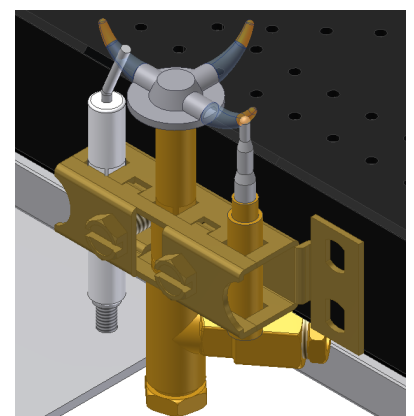
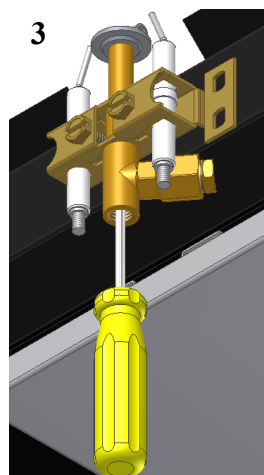
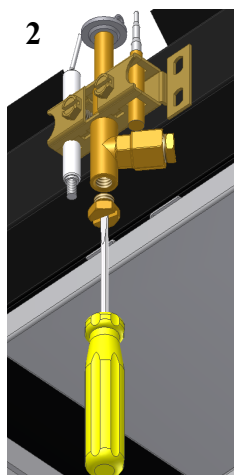
- Adjustment of Pilot - 3 Flame: unscrew base screw as shown in Diagram 2 .
- Insert a screwdriver as shown in Diagram 3 and adjust the Adjustment screw up inside the 3 Flame Pilot to adjust the Flame height .
- The Flame must always be passing over the Electrodes &/or File Tube on either side.
- Replace the Base screw and check for leaks.

Note: to Gasfitters

The 3 flame pilot may need adjustment after a period of running time on set up, as the increase in heat in the fire will induce a higher draft in the fire, and may pull in flame away from the File tube causing the fire to shut down.



3 Flame Pilot in Assembled State



Correct Operation of 3 Flame Pilot

POINTS OF SAFETY—To the Customer /Home-Owner

Your Warmington Gas Decorative Fire operates on the principle of dual radiant and convected heat. Therefore it is important to observe the following precautions associated with any heating appliance or open fire.

- Do not cover or restrict the fireplace upper or lower vents in any way as this may result in a build-up of hazardous gases within the room.
- The fire is not intended for the drying of clothing, bedding etc.
- Avoid installing this appliance in high traffic areas, strong draughts or near drapes or furniture.
- The use of an approved fireguard is recommended for the protection of young children.
- Avoid using aerosols when the appliance is operating.
- Avoid anyone leaning against or lying directly in front of the fire while operating.
- Do not place anything objects into or against the gas fire at any stage.
- The fire may release a small amount of smoke on its first start up which may take 1 or 2 hours to dissipate . This is part of the curing process so ensure there is adequate ventilation within the room.
- Always use a registered Gas Fitter or Electrician for installing and maintenance work
- Always use certified gas cylinders that have been tested and are safe to use.
- Never modify your gas appliance or its settings from those specified by the manufacturer.

APPLIANCE SAFETY Any gas fire appliance shall comply with the safety requirements of the current standards listed under “Related documents” in this specification.

ELECTRONIC CONTROL SYSTEMS Any gas fire appliance fitted with manual or programmable electronic control systems shall be tested and/or approved by a recognised person or authority.

SEISMIC RESTRAINTS All gas fires used for domestic and commercial purposes shall be firmly secured (unless defined as portable or mobile) to prevent dislodgement from their point of fixture or installation during seismic activity.

WHAT DO YOU DO IF YOU SMELL GAS

Open windows and doors

Do not light any gas appliance

Do not use any electrical appliance or switches

Do not use the telephone in your home

Leave the building; shut off the domestic gas supply valve (beside your meter)

Call your gas supplier/gas fitter or the Fire Service for further advice.

MAINTENANCE : All burner setting, Coals placement, Vermiculite is to be checked and set in accordance with this specification by the service person/Gas fitter

**Lighting your gas fire using electronic or remote ignition systems may vary as per manufacturer instructions*

Warmington Industries recommend annual servicing of your gas fire by an approved Warmington dealer Gas Fitter.

External surfaces should be dusted with a damp, lint-free cloth when the fire is cold.

Warmington Industries provide 12 months warranty from the date of purchase, for domestic or commercial installations

This Warranty Covers :

Replacement Parts and Labour for Gas Control Components due to Manufacturing Defects Only.

Repair or Replacement of the Burner or Firebox Components due to Manufacturing Defects Only.

Warranty cover will be considered void if the product is subject to incorrect installation, failure to operate the appliance in accordance with the supplied instructions and specifications or is subject to damage or misuse beyond the expected conditions of normal use.

All installations and servicing must be carried out by and approved Warmington dealer or Gas Fitter.

GENERAL NOTES

NOTES:

- These installation and operating instructions should be kept in a safe place. Should you require another copy, download from the **Warmington** website www.warmington.co.nz
- This appliance must be installed in accordance with the manufacturer's written instructions to comply with the **Warmington** warranty.
- The appliance and flue system must be installed in accordance with relevant standards and the appropriate building codes.
- This appliance must be serviced annually and any service operation must be carried out by a qualified service person.

IMPORTANT NOTE : TREATMENT OF COOKING SURFACES BEFORE USE .

BURN OFF:

- Before cooking on the plate or grill for the first time, burn off any residual oils or foreign matter by lighting or igniting the Fire or Burner.
- ENSURE THAT THE OUTDOOR FIRE IS WELL VENTILATED WHEN LIGHTING FOR THE FIRST TIME, & operate fire on high for up to 5 minutes.
- Cooking may proceed after the surface has been carefully wiped down with a cloth or paper towel.

PREHEATING:

- It is necessary to preheat for a short time before cooking certain foods , depending on the type of food & the cooking temperature.

- **WARNING; ANY MODIFICATION OF THE APPLIANCE THAT HAS NOT BEEN APPROVED IN WRITING BY THE TESTING AUTHORITY IS CONSIDERED A BREACH OF NZ STANDARDS.**
- **WARNING; DO NOT USE OR STORE FLAMMABLE LIQUIDS OR AEROSOLS IN THE VICINITY OF THIS APPLIANCE WHILST IN OPERATION.**
- **WARNING; DO NOT PLACE FLAMMABLE MATERIALS ON OR AGAINST THIS APPLIANCE.**
- **CAUTION:** THIS APPLIANCE SHOULD BE MAINTAINED AND OPERATED AT ALL TIMES IN ACCORDANCE WITH THESE INSTRUCTIONS.
- **CAUTION:** ALL SERVICING MUST BE CARRIED OUT BY AN AUTHORISED SERVICE TECHNICIAN.
- **CAUTION:** MAKE SURE THE USE OF CORRECT FUEL TYPE WITH THIS APPLIANCE.

NOTE: Keep a copy of these instructions for operating and maintenance guidelines.



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