

# SPECIFICATIONS



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To develop a product that is universally accepted as the best on the market Dek's consider every aspect of the Dektite® design: installation, functionality and materials.

Success in this is proven by the performance of the Dektite®. The ingenious shoulder moulding, results in less distortion, which reduces stress on the material, and eliminates ponding with complete water run-off in every situation. The low profile not only looks good but provides a generous internal clearance, so even the steepest roofs are handled with ease.

## design features



**Dektite®**

*First and the Best!*

Installation is easier with the Dektite®.

- The large base area provides more coverage and greater latitude in cut-out size.
- The cone has clearly marked cut lines for different pipe diameters.
- Around the base of the cone a flexible bead reduces stress on the flashing membrane (to which an aluminium flange is bonded), as it is formed over the roof profile.
- Underneath, moulded ribbing increases sealant retention to ensure an effective, weatherproof seal.

### FLEXIBLE CONE SLEEVE

Dektite® cone shape eliminates seal breakdown due to vibration or expansion and contraction, while isolation of pipe from sheeting dampens noise levels.

### EASILY IDENTIFIED SIZING

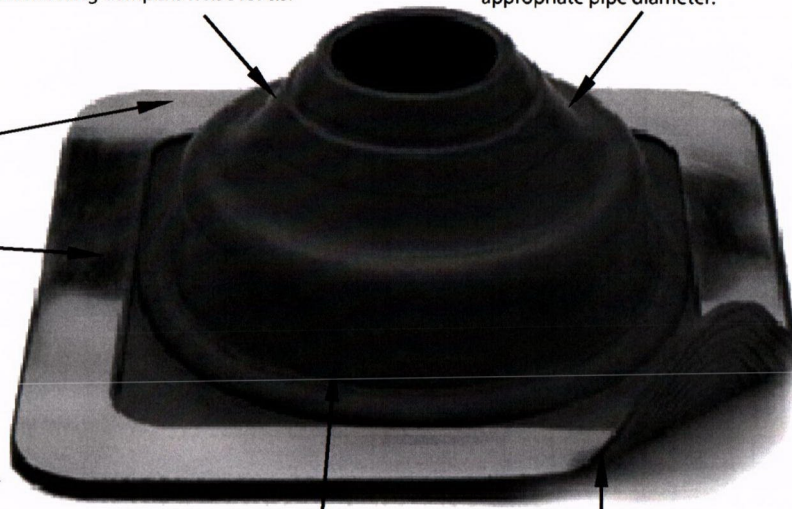
Pipe diameter rings are clearly marked on the cone sleeve (metric and imperial) for cutting to match the appropriate pipe diameter.

### LOW PROFILE DESIGN

Sleek, unobtrusive shape is designed to minimise silhouette on roofline, while managing to provide generous internal clearance for steep, angular installations.

### STRESS ISOLATION POINTS

Unique to Dektite® two flexible shoulders absorb distortion and stop transfer of stresses from base to cone, as unit is formed over roofing profile.



### BONDED ALUMINIUM FLANGE

Corrosion-resistant, malleable flange, evenly distributes fastening pressure and allows ease of hand-shaping on most sheet profiles.

### INTEGRITY OF FLASHING SHAPE

Minimal distortion after installation, maintains natural flashing shape and seal around pipe, while water run-off is improved and 'ponding' eliminated.

### LARGE BASE AREA

For better coverage of penetration cut-out and improved performance over steep roof pitches and a wider variety of cladding profiles.

### IMPROVED WATERPROOFING

Designed to strengthen sealant bond and improve waterproofing, the ribbed base has an angled skirting edge to help shed moisture and contribute to a superior waterproof seal. For even more efficient water run off the Dektite® can be fitted on the Diamond.



# Dektite®



## The versatile solution for hundreds of applications.

Designed to enable practically any pipe flashing operation to be carried out within minutes, **Dektite®** is simple to install - and very effective. Providing the perfect weatherproof, flexible seal, **Dektite®** protects against leakage on a wide range of pipe or vent projections, and is designed to conform to most roof profiles and pitch. For a maintenance-free seal on pipes from 0 - 440mm diameter, it's much more than a flexible solution to pipe flashing. It's a means of saving **time and money!**

### Easy Selection Guide

Code	PIPE mm	BASE mm	PITCH	COLOUR
DB 0-35 DG 0-35	0-35	99x99	0 - 60°	} <b>BLACK (EPDM)* DB</b> <b>GREY (EPDM)* DG</b>
DB 5-55 DG 5-55	5-55	137x137	0 - 45°	
DB 50-70 DG 50-70	50-70	178x178	0 - 45°	
DB 5-120 DG 50-120	5-120	218x218	0 - 45°	
DB 110-170 DG 110-170	110-170	284x284	0 - 45°	
DB 160-220 DG 160-220	160-220	365x365	0 - 45°	
DB 160-300 DG 160-300	160-300	453x453	0 - 45°	
DB 290-440 DG 290-440	290-440	581x581	0 - 45°	

E.P.D.M. withstands temperatures from -50°C to 115°C, & up to 150°C intermittently

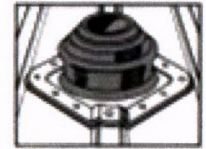
\* **DEKTITE® Pipe Flashings can also be used to flash square pipes.**  
Just add 30% to the pipe diameter and trim the cone to suit.

### EPDM - Perfect for approved flues!

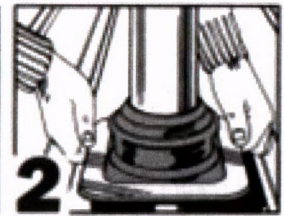
Dektite® EPDM polymer flashings have been officially tested by the Coal Corporation of Victoria, Australia and conform to all Australian and UK Standards on approved flue systems. Under no circumstances should any polymer flashing be installed on a non approved flue or an 'active' combustion heater flue.

## INSTALLATION INSTRUCTIONS

For more effective drainage always fit the Dektite on the Diamond or bias.



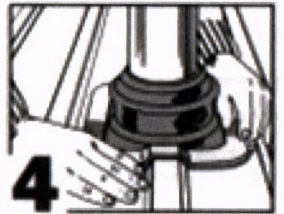
**1** Cut a neat hole in roofing sheet with minimum clearance for pipe and insert pipe through hole. Trim the cone to suit pipe size using sharp tin snips. Where necessary, support cut sections of sheet with additional framing.



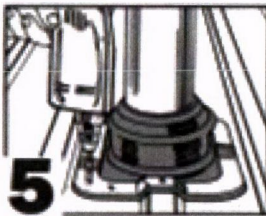
**2** Slide Dektite® flashing down over pipe. Lubricating the pipe with water allows the pipe to slide snugly into position.



**3** Apply a neutral cure silicone\* sealant by turning back the flexible flange.



**4** Press base to the roof profile by hand, smooth out any awkward creases. Don't fully extend to allow for vibration.



**5** Fasten using sealed rivets or washed screws. Fit fasteners progressively outward in opposing pairs to avoid gaps.



**Dektite®**

*First and the Best!*

\*Refer to page 28 for silicone usage

HINT: When flashing a metal flue that has an exposed seam, using a neutral cure sealant, seal the seam from underside of cowl to the top of Dektite® cone.



## INSTALLATION SPECIFICATION SHEET

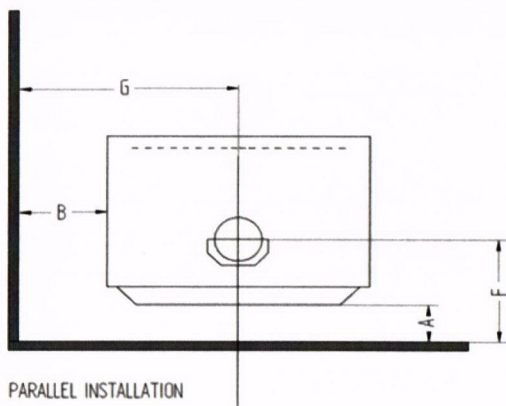
These instructions must be used in conjunction with the 'General Installation Instructions' for Masport wood fires.

### CLEARANCE REQUIREMENTS

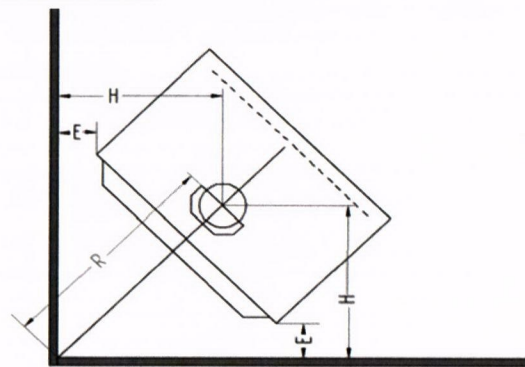
This fire has been tested and complies to the Australian/New Zealand Standard AS/NZS 2918:2001 and all installations must be in accordance with the minimum clearances to combustibles indicated in these instructions.

The minimum clearances to combustibles may be reduced if the combustible walls are shielded with an approved non-combustable material. Details of suitable materials and appropriate clearance reduction factors are present in Section 3 of AS/NZS 2918:2001.

### POSITIONING YOUR FREE-STANDING WOODFIRE



PARALLEL INSTALLATION



CORNER INSTALLATION

### NEW ZEALAND

MINIMUM DISTANCES TO HEAT SENSITIVE WALLS (mm)

MODEL	FLUE HEAT SHIELD	A	B	E	F	G	H	R§
R1500P / R1500L R1500R / R1600	MASPORT/LOGAIRE DOUBLE SKIN S/S POLISHED	110	290	55	285	590	382	541
R1500WS		110	290	100	285	590	427	604

### AUSTRALIA

MINIMUM DISTANCES TO HEAT SENSITIVE WALLS (mm)

MODEL	FLUE HEAT SHIELD	A	B	E	F	G	H	R§
R1500 R1600	FLOMET UNIVERSAL FLUE SYSTEM	150	245	115	377	545	442	624
	FLOMET FLUE + MASPORT DOUBLE SKIN SHIELD	30	285	80	257	585	407	575
	AIR-GROUP SPECIAL INSULATED FLUE KIT *	40	310	140	267	610	467	660

§ Valid only when the room walls are at 90° to each other.

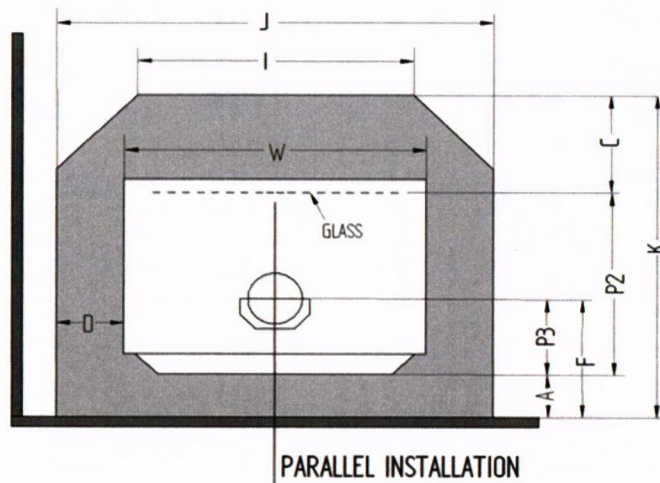
‡ Note: Clearances are for fire hazard only. For durability of finishes or surfaces you should contact the relevant manufacturer for their specification. Masport accepts no responsibility for the deterioration of surfaces or finishes.

\* Air-Group Special Insulated Flue Kit is same as AHD Special Insulated Flue Kit

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# FLOOR PROTECTOR (Hearth) REQUIREMENTS PARALLEL INSTALLATION

MINIMUM FLOOR PROTECTOR DIMENSIONS IN mm



# DIMENSIONS IN THE TABLE ARE VALID ONLY WHEN THE FIRE IS EXACTLEY AT ITS MINIMUM ALLOWABLE WALL CLEARANCE.

## NEW ZEALAND

MODEL	Flue Shield	Floor Protector height	A#	C#	D	F	I	J	K#	P2	P3	W	Floor Protector Type Ø
R1500P / R1500L R1500R/R1600	LDS	ANY	110	300	111	285	522	822	835	425	175	600	AFP
R1500WS	LDS	ANY	110	300	111	285	522	822	835	425	175	600	AFP

LDS = MASPORT / LOGAIRE DOUBLE SKIN S/S POLISHED 1200mm HIGH

AFP = ASH FLOOR PROTECTOR

## AUSTRALIA - ALL WITH FLUE HEATSHIELD

MODEL	Flue Shield	Floor Protector height	A#	C#	D	F	I	J	K#	P2	P3	W	Floor Protector Type Ø
R1500 R1600	FUF	ANY	150	300	111	377	522	822	925	475	227	600	AFP
	FUL	ANY	30	300	111	257	522	822	805	475	227	600	AFP
	AGA	ANY	40	300	111	267	522	822	815	475	227	600	AFP

FUF = FLOWMET UNIVERSAL FLUE SYSTEM

FUL = FLOWMET UNIVERSAL FLUE WITH MASPORT/LOGAIRE DOUBLE FLUE SHIELD

AGA = AIR GROUP / AHD SPECIAL INSULATED FLUE KIT WITH 900mm S/S REFLECTOR SHIELD

AFP = ASH FLOOR PROTECTOR

Ø for minimum constructional requirements see general installation instructions.

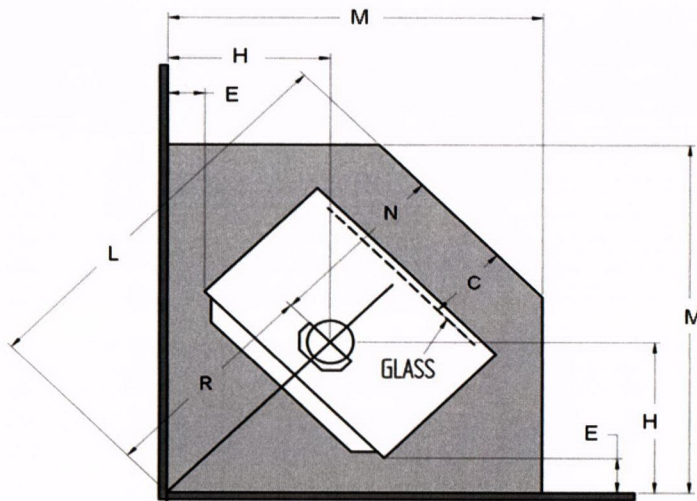
# Valid only when the fire is exactly at its minimum allowable wall clearance.

NOTE: Where a fan is being fitted, you may prefer to increase the 'A' dimension to 100 mm to provide easier access for servicing. If so, the amount you add to 'A' to bring it to 100 mm must also be added to the 'C' and 'S' dimensions.



# FLOOR PROTECTORS (Hearth) REQUIREMENTS CORNER INSTALLATION

MINIMUM FLOOR PROTECTOR DIMENSIONS IN mm



# DIMENSIONS IN THE TABLE ARE VALID ONLY WHEN THE FIRE IS EXACTLEY AT ITS MINIMUM ALLOWABLE WALL CLEARANCE.

## NEW ZEALAND

MODEL	Flue Shield	Floor Protector Distance above Floor	C	E	H#	L#	M#	N	R#	FLOOR PROTECTOR TYPE
R1500P / R1500L R1500R/R1600	LDS	ANY	300	55	382	1091	956	550	541	ASH
R1500WS	LDS	ANY	300	100	427	1154	1001	550	604	ASH

LDS = MASPORT / LOGAIRE DOUBLE SKIN S/S POLISHED 1200mm HIGH

## AUSTRALIA

MODEL	Flue Shield	Floor Protector Distance above Floor	C	E	H#	L#	M#	N	R#	FLOOR PROTECTOR TYPE
R1500 R1600										
	FUF	ANY	300	115	442	1172	1013	548	624	ASH
	FUL	ANY	300	80	407	1123	978	548	575	ASH
	AGA	ANY	300	140	467	1208	1038	548	660	ASH

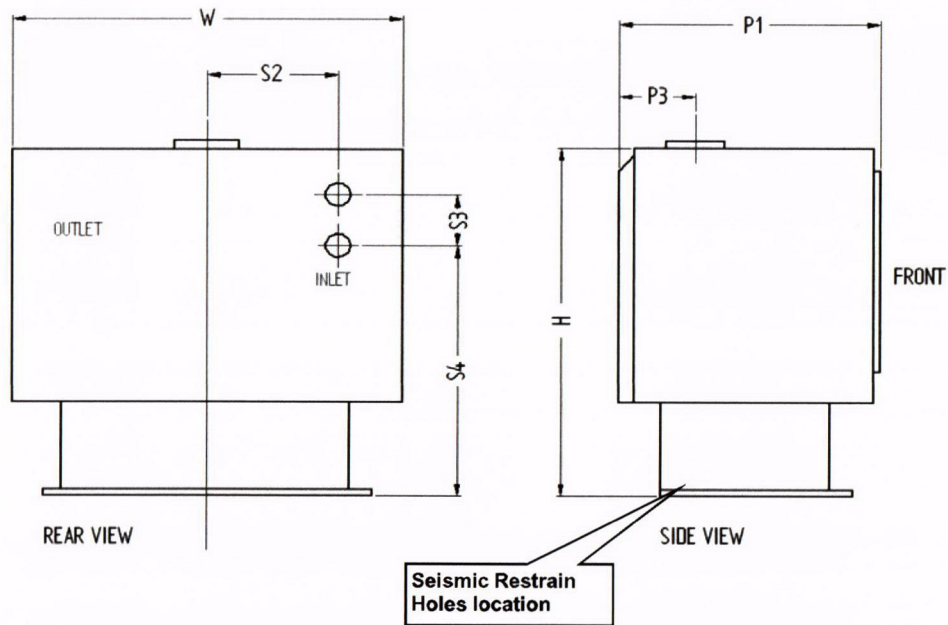
FUF = FLOWMET UNIVERSAL FLUE SYSTEM

FUL = FLOWMET UNIVERSAL FLUE WITH MASPORT/LOGAIRE DOUBLE FLUE SHIELD

AGA = AIR GROUP/AHD SPECIAL INSULATED FLUE KIT WITH 900mm S/S REFLECTOR SHIELD

AFP = ASH FLOOR PROTECTOR

## FREE STANDING FIRE DIMENSIONS

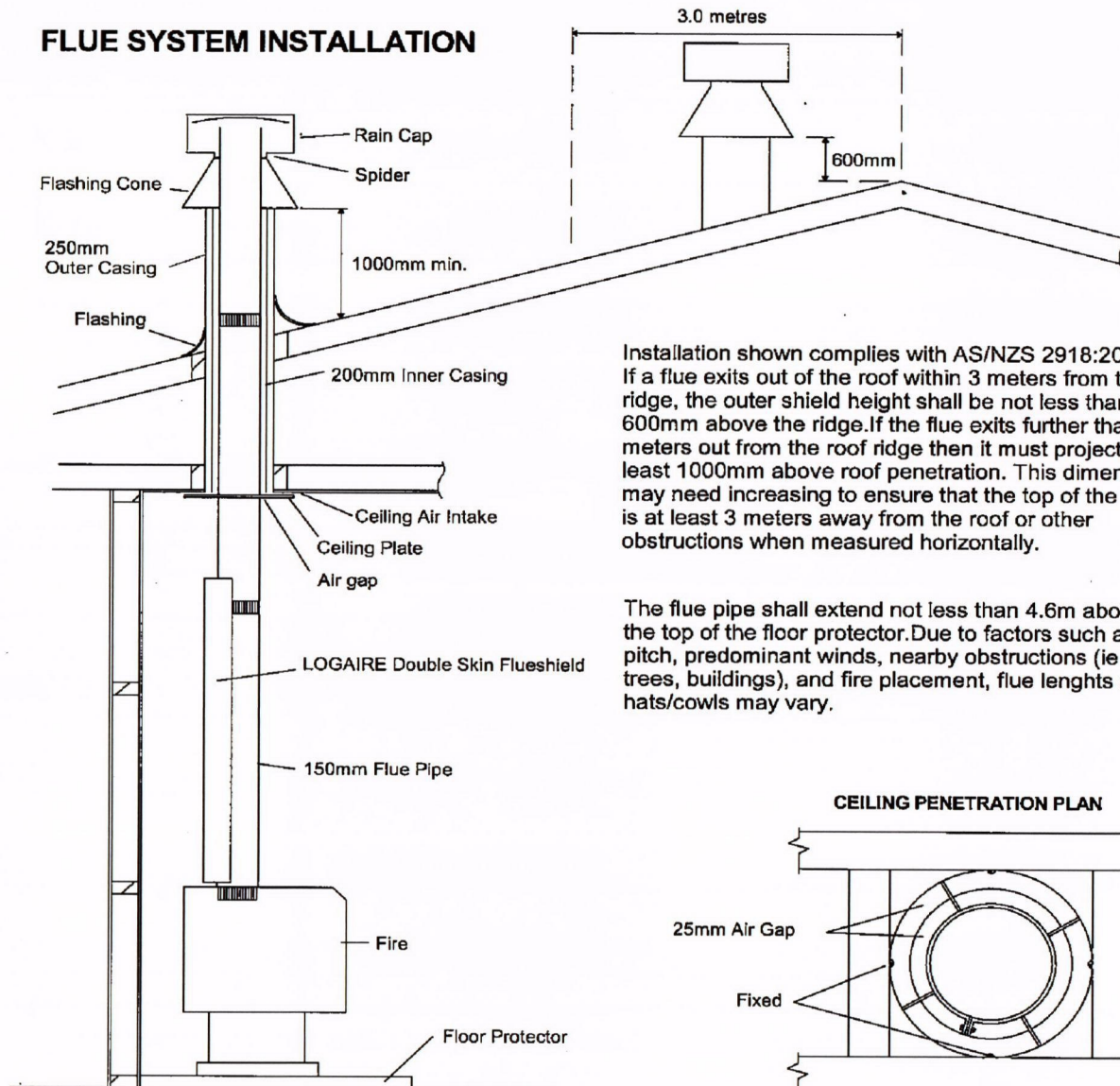


MODEL	P1	P3	H	W	S1	S2	S3	S4
<b>R1500P/R1500P NZ</b>	439	175	658	600	-	184	164	354
<b>R1500WS NZ</b>	439	175	743	600	-	184	164	439
<b>R1500R NZ</b>	439	175	658	600	-	184	164	354
<b>R1600 NZ</b>	439	175	658	600	-	184	164	354
<b>R1500 AU</b>	491	227	658	600	-	184	164	354
<b>R1600 AU</b>	491	227	658	600	-	184	164	354

**Seismic Restrain** - In New Zealand and some part of Australia, it is required that the wood fire and floor protector are secured to prevent shifting in the event of an earthquake. This is best done by fastening the wood fire right through the protector to the floor, using two screws not less than 12 gauge or the equivalent size of coach bolts or toggle fasteners.

**THIS FLUE INSTALLATION DIAGRAM BELOW IS VALID FOR NZ INSTALLATIONS ONLY. FOR INSTALLATIONS IN AU PLEASE REFER TO SPECIFIC FLUE INSTALLATION SPECIFICATIONS SUPPLIED BY FLUE MANUFACTURER.**

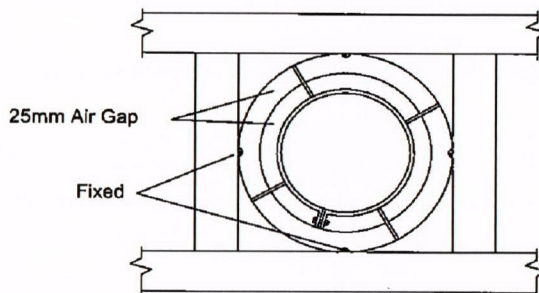
**FLUE SYSTEM INSTALLATION**



Installation shown complies with AS/NZS 2918:2001. If a flue exits out of the roof within 3 meters from the ridge, the outer shield height shall be not less than 600mm above the ridge. If the flue exits further than 3 meters out from the roof ridge then it must project at least 1000mm above roof penetration. This dimension may need increasing to ensure that the top of the flue is at least 3 meters away from the roof or other obstructions when measured horizontally.

The flue pipe shall extend not less than 4.6m above the top of the floor protector. Due to factors such as roof pitch, predominant winds, nearby obstructions (ie. trees, buildings), and fire placement, flue lengths and hats/cowls may vary.

**CEILING PENETRATION PLAN**



Above plan is valid only for flue manufactured by Glen Dimplex New Zealand Ltd or Sheetmetal Fabricated Products Ltd, Auckland, New Zealand. For other products, use specific flue installation specifications supplied by the manufacturer.

FLUE SYSTEM INSTALLATION 150mm