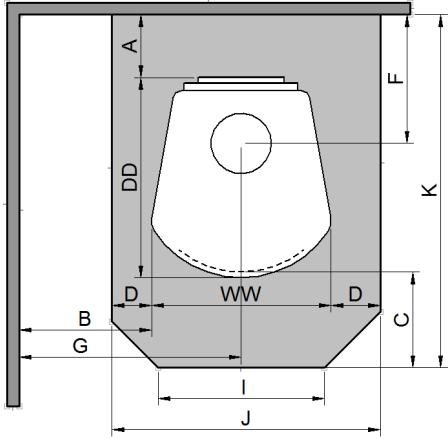
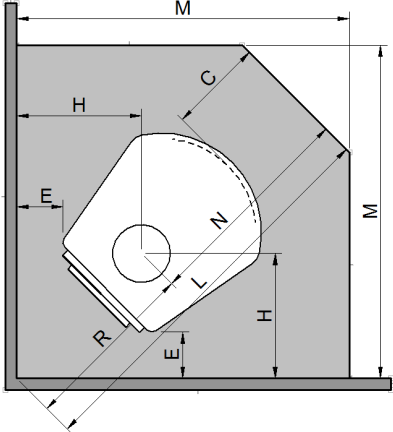
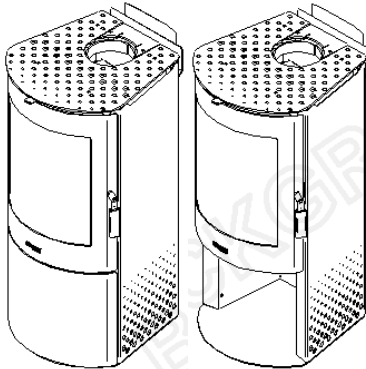


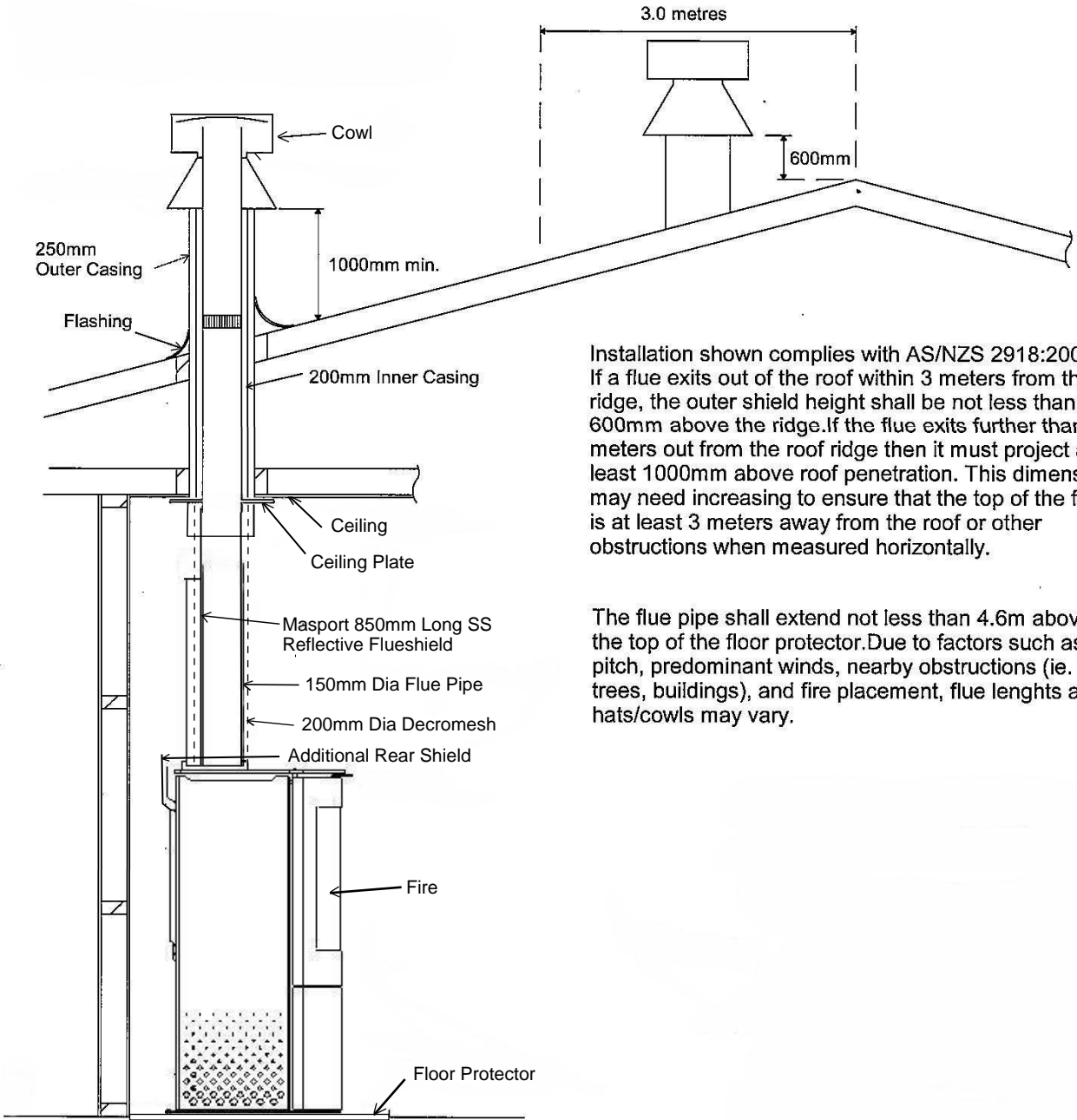
# Masport Adena & Adena Wood Stacker - Technical Specifications

(These instructions must be used in conjunction with the "General Installation Instructions" for Masport Fires and Flue Installation Specifications supplied by the flue manufacturer)

**Adena burner models have been tested and complies to following standards & tests:**  
**Emission and Efficiency Test Standards - AS/NZS 4012:2014 and AS/NZS 4013:2014.**  
**Wood burner Safety Test Standard - AS/NZS 2918:2001**

Estimated Peak Heat Output	Emissions g/kg	Efficiency %
16.2 kW	1.0 g/kg	60 %
<b>Weight</b>	120 kg	
<b>Floor Protector Requirement:</b>	Ash Floor Protector	
<b>Clearances to Combustibles:</b>		
<b>Parallel Installation</b>	<b>Corner Installation</b>	<b>Schematic</b>
		 Adena                      Adena Wood Stacker
<b>Flue System</b>	Flomet Universal Flue Kit with Decromesh & 850mm St/St Inner Shield(Supplied with the fire)	Air Group Insulated kit with 900mm SS Reflector Shield
<b>A- Rear Panel to Rear Wall</b>	<b>120 mm</b>	<b>233 mm</b>
<b>B- Top Front Corner to Side Wall</b>	<b>400 mm</b>	<b>650 mm</b>
<b>C- Glass to Floor Protector Front</b>	300 mm	300 mm
<b>D- Floor Protector Side Edge</b>	117 mm	117 mm
<b>E- Top Rear Corner to Wall</b>	<b>180 mm</b>	<b>350 mm</b>
<b>F- Flue Centre to Rear Wall</b>	298 mm	411 mm
<b>G- Flue Centre to Side Wall</b>	641 mm	891 mm
<b>H- Flue Centre to Wall</b>	400 mm	579 mm
<b>I- Floor Protector Front Edge</b>	415 mm	415 mm
<b>J- Floor Protector Width</b>	<b>715 mm</b>	<b>715 mm</b>
<b>K- Floor Protector Depth</b>	<b>957 mm</b>	<b>1070 mm</b>
<b>L- Floor Protector Diagonal</b>	<b>1224 mm</b>	<b>1478 mm</b>
<b>M- Floor Protector Side</b>	<b>1013 mm</b>	<b>1191 mm</b>
<b>N- Flue Centre to Floor Protector Front</b>	659 mm	659 mm
<b>R- Flue Centre to Wall Corner</b>	565 mm	819 mm
<b>WW- Overall Width of Fire</b>	482 mm	482 mm
<b>DD- Overall Depth of Fire</b>	537 mm	537 mm
<b>HH- Overall Height of Fire</b>	1025 mm	1025 mm
The minimum clearances to combustibles may be reduced by shielding walls with an approved non-combustible material and appropriate clearance reduction factors given in Section 3 of AS/NZS 2918:2001		
<b>Seismic Restrain</b> - In New Zealand and some part of Australia, it is required that the wood burner and floor protector are secured to prevent shifting in the event of an earthquake. This is best done by fastening the wood burner right through the protector to the floor, using 8mm DynaBolts or 8mm coach screws or equivalent toggle fasteners for wooden floors of appropriate lengths. Seismic holes are at the rear of the burner.		

# Installation with Flo-met Universal Decromesh Flue System and Masport 850mm Long Single Skin SS Flue Shield



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.