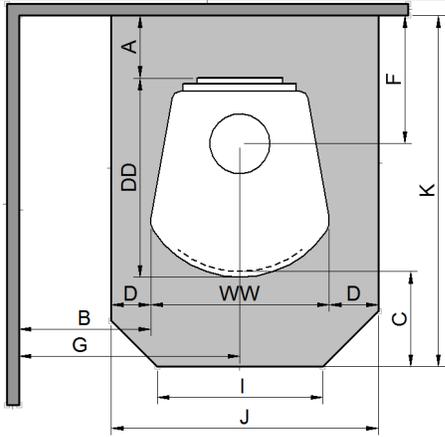
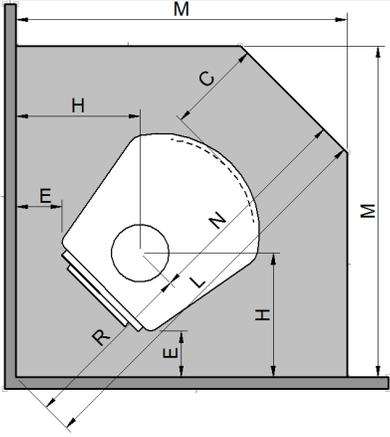
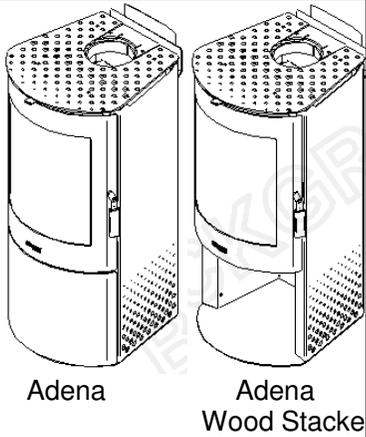


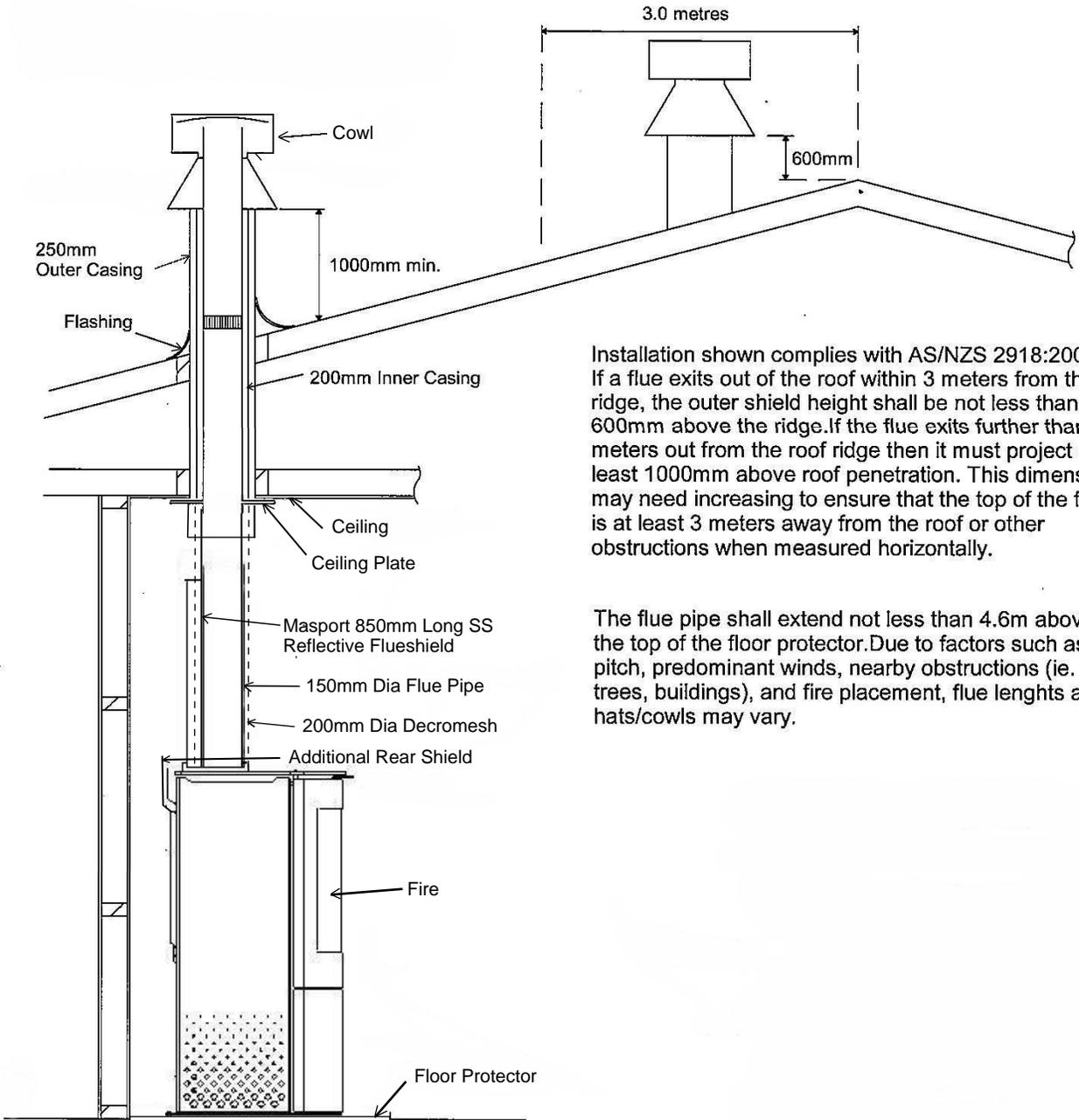
Masport Adena & Adena Wood Stacker - Technical Specifications

(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 %
Weight	120 kg	
Floor Protector Requirement:	Ash Floor Protector	
Clearances to Combustibles:		
Parallel Installation	Corner Installation	Schematic
		
Flue System	Flomet Universal Flue Kit with Decromesh & 850mm St/St Inner Shield(Supplied with the fire)	Air Group Insulated kit with 900mm SS Reflector Shield
A- Rear Panel to Rear Wall	120 mm	233 mm
B- Top Front Corner to Side Wall	400 mm	650 mm
C- Glass to Floor Protector Front	300 mm	300 mm
D- Floor Protector Side Edge	117 mm	117 mm
E- Top Rear Corner to Wall	180 mm	350 mm
F- Flue Centre to Rear Wall	298 mm	411 mm
G- Flue Centre to Side Wall	641 mm	891 mm
H- Flue Centre to Wall	400 mm	579 mm
I- Floor Protector Front Edge	415 mm	415 mm
J- Floor Protector Width	715 mm	715 mm
K- Floor Protector Depth	957 mm	1070 mm
L- Floor Protector Diagonal	1224 mm	1478 mm
M- Floor Protector Side	1013 mm	1191 mm
N- Flue Centre to Floor Protector Front	659 mm	659 mm
R- Flue Centre to Wall Corner	565 mm	819 mm
WW- Overall Width of Fire	482 mm	482 mm
DD- Overall Depth of Fire	537 mm	537 mm
HH- Overall Height of Fire	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		
Seismic Restrain - 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.