

Rakaia ULEB - Technical Specifications

Rakaia fire has been tested and complies to following standards & tests:			
Environment Canterbury's Real-life test - Canterbury test method CM1			
NZ National Environmental Test Standards - AS/NZS 4012:2014 & AS/NZS 4013:2014.			
NZ National Environmental Safety Test Standard - AS/NZS 2918:2001			
Overall Dimensions	700 mm Wide x 661 mm Deep x 803 mm High		
Net Weight of Burner	155.0 kg		
Test Method	Emissions mg/MJ	Emissions g/kg	Efficiency %
Real Life Test Canterbury Method V1.6	36 mg/MJ	-	-
National Environment Standard AS/NZS 4012/13:2015	-	0.42 g/kg	65.9%
Approx. Heating Capacity	Medium to Large Homes		
Flue Shield	900mm Long SS Masport Double Flue Shield		
Flue System	Std 4.2M Long, 150mm Masport Flue System or Flue System that has been tested and comply with AS/NZS 2918:2001 Appendix F. ** For installation in Canterbury & South of Canterbury, we recommend extending 200 outer casing within 250~300 from termination of flue. Also, recommend not to use Masport Opti or equivalent flue kits in this area, which takes ceiling or external air for cooling of the flue casings.		
Floor Protector Requirement	Ash Floor Protector		
Clearances to Combustibles: Parallel, Corner & Alcove configurations			
Parallel Installation		Corner Installation	
A- Rear Panel to Rear Wall	100 mm	C- Glass to Floor Protector Front	300 mm
B-Cooktop Edge to Side Wall	260 mm	E- Cooktop Corner to Wall	100 mm
C- Glass to Floor Protector Front	300 mm	H- Flue Centre to Wall	456 mm
D- Floor Protector Side	100 mm	L- Floor Protector Diagonal	1367 mm
F- Flue Centre to Rear Wall	278 mm	M- Floor Protector Side	1179 mm
G- Flue Centre to Side Wall	610 mm	N- Flue Centre to Floor Protector Front	723 mm
I- Floor Protector Front Edge	600 mm	R- Flue Centre to Wall Corner	644 mm
J- Floor Protector Width	900 mm	WW- Overall Width of Fire	700 mm
K- Floor Protector Depth	1001 mm	DD- Overall Depth of Fire	661 mm
		HH- Overall Height of Fire	803 mm
Seismic Restraint - Rakaia shall be seismically restrained, including floor protector. Use 8mm Dynabolts for concrete floors or 8mm coach screws for wooden floors, of appropriate lengths.			

Rakaia Installation in Alcove/Recess situation

Rakaia burner models have been tested for alcove (recess) made of combustible material and complies as per safety standard AS/NZS 2918:2001

