

**Ravelli Amalfi Freestanding
Wood Pellet Burning Heater**



**Ravelli Ecotek Amalfi Freestanding
Wood Pellet Fire
Installation Specifications**

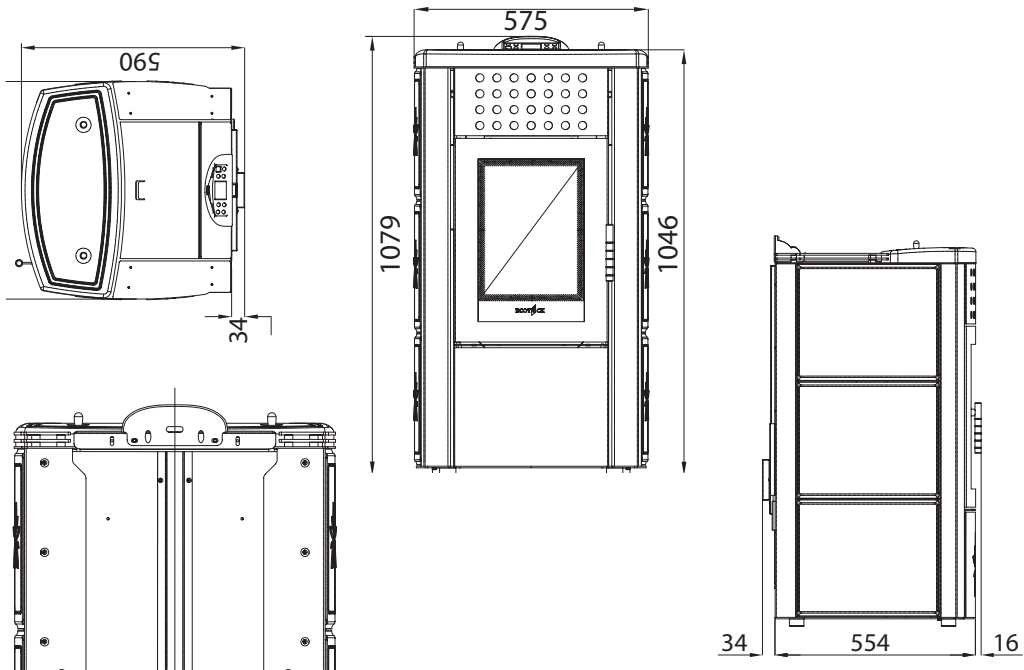
Safety testing of the Amalfi Freestanding Wood Pellet Burning Heater to AS/NZS 2918:2001 Report CRL 09-41061

Flue kit testing to AS/NZS 2918:2001 App F: ARS 08/1185

Emissions CRL 09-41044

Installation

Dimensions – Amalfi Freestanding



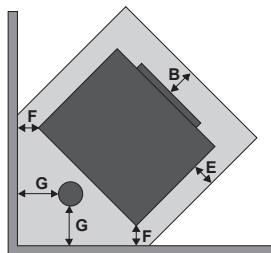
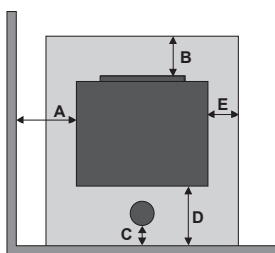
Refer to Safety Test CRL 09-41061 for all clearances to combustible.

Installation Clearances & Specifications

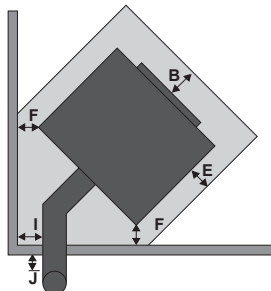
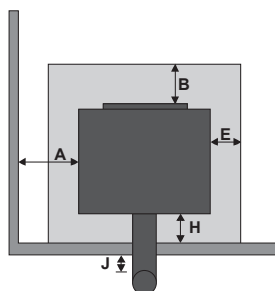
Minimum clearances shown are in millimetres. All Ravelli fires are tested to AS/NZS 2918:2001 Specifications were correct at time of printing but may alter and those detailed below should be used as a guide only. Refer to the Installation and Operation Manual supplied with every Amalfi Pellet Fire or if in doubt, consult your Retailer.

Clearance to Combustibles Amalfi Pellet Fire

Internal Flue (Freestanding)



External Flue (Freestanding)



Location	Dimension (mm)
A	200
B	150
C*	50
D	N/A
E	100
F	100
G*	50
H	200
I*	50
J*	25

* from shielded flue
* 75mm to unlined flue

Note: AS/NZS 2918:2001 requires a minimum of 100mm clearance for any side requiring access.
Note: These are minimum clearances to combustibles. Actual installation distances may be greater.

NOTE: The above clearance to combustibles on the flue are only applicable within the fire envelope. Clearance outside this e.g. at a ceiling / wall thimble reverts to 25mm as per ARS flue test 05/1185. Correct as at August 2015.

Minimum Clearance to Combustibles

Side of Unit (A)	200
Rear wall to Lined Flue (C,G,I)	50
Rear wall to Unlined Flu (C,G,I)	75
Rear of Unit (H)	200
Rear corners (Corner Installation) (F)	100
Floor protection (from glass) (B)	150

Location of the Pellet Fire

Installation of the Amalfi Freestanding Wood Pellet Burning Heater should be undertaken by an experienced installer. Please read the Amalfi Owners/Technical Manual thoroughly before commencing installation as failure to follow the instruction could cause damage to the pellet fire or property.

Positioning the fire:

Generally the Amalfi should be installed in a centrally located position within the home. When deciding where to position the appliance in your room you need to consider the following:

Location of a power source

- Amalfi has a convection fan which blows air through tubes in the direction that the fire faces, for optimum performance this location should be in a large room centrally located.
- Amalfi must be installed on a non-combustible surface. This surface must protrude 150mm from the front of the closed pellet fire door.
- Amalfi has been Safety Tested to AS/NZS 2918:2001 using the Davins manufactured flue. Test Report ARS 05/1185. Installation is not exclusive to these nominated kits, though alternative flue should only be considered following consultation with your local council.
- Please consult pages above for the required clearances to combustible material also ensure the position of structural elements near the proposed flue.
- Because of the positive pressure in the flue, sealing of all 75mm stainless joints is mandatory – use high temperature Maniseal. Both inner and outer flue joints must be riveted.
- Warranty: To validate warranty following installation a copy of the completed Warranty/Producers Statement must be forwarded to: info@pelletfiresolutions.co.nz.

SEISMIC RESTRAINT:

All installation scenarios for Amalfi require the use of hold-down anchors (one on each side)

Fixing to Concrete Floor:

Minimum M8 expansion anchors (M10 recommended) or min M8 epoxy- set anchors.

Approved Anchors: Expansion Anchors-Ramset Dynabolt and Trubolt, Hilti HAS.

Epoxy-set Anchors – Ramset Epcon, Ramset Chemset and Hilti HVU.

Fixing to Timber Floor Framing:

Minimum 14g x 60 screws (6.3mm diameter) or M10 X 90 coach-screws. These shall be fixed a minimum of 40mm into the centre-line of the existing floor joists. If screws cannot be installed directly into an existing floor joist, solid blocking between joists (min size 90x45) shall be provided.