



Product Fiche

Supplier name	Arada
Product Code	ECB7-S3
Energy Efficiency Class (wood)	A
Direct Heat Output (wood)	7.0 Kw
Indirect Heat Output (wood)	N/A
Energy Efficiency Index (wood)	104.4
The useful energy efficiency at nominal heat output and at minimum load (wood)	79.8 %

Specific precautions that shall be taken when the local space heater is assembled, installed or maintained:

Product should be installed in accordance with local building regulations.
Appliance will become very hot during use.

Dimensions

Width	518 mm
Height	631 mm
Height (exc. standard feet)	553 mm
Depth	410 mm
Flue Diameter	127 mm
Depth from back to centre of top flue	134 mm
Height to centre of rear flue	496 mm
Max log length / diameter	375mm / 100mm
Stand height / total height	200mm / 753 mm
Log store height / total height	420 mm / 973 mm

Performance—Wood & Solid Fuel

	Wood Fuel	Solid Fuel
Energy Efficiency Class	A	D
Nett Efficiency	79.8 %	81.2 %
Nominal Output	7.0 kW	7.1 kW
Output Range	5.1 – 7.7 kW	
Mean Co Emission (@13% O ₂)	0.09 %	0.11 %
DIN+ particulate	38 Nmg/m ³	10 Nmg/m ³
Mean NOx Emission (@13% O ₂)	102 Nmg/m ³	116 Nmg/m ³
Mean OGC Emission (@13% O ₂)	72 Nmg/m ³	39 Nmg/m ³
Flue Gas Mass Flow	5.6 g/s	5.6 g/s
Flue Gas Temperature	310 °C	271°C
Typical Fuel load for nominal rated output per hour (kWh/Kg)	1.55 (Seasoned hardwood)	1.01 (MSF Maxibrite)

Features

Flexifuel	No
Stove body type	Freestanding
Ecodesign Ready	Yes
Suitable for smoke control areas	Yes
Suitable for direct air connection	Yes
Suitable for non-combustible 12mm hearth	Yes
Weight gross (packed kg)	100 Kg
Weight nett (unpacked kg)	87 Kg

Minimum distance to combustibles

	A	B	C
Rear	650 mm	350 mm	100 mm
Side	600 mm	600 mm	500 mm
Max hearth temp	95 °C	91.9 °C	71.1 °C
A = Single Walled Flue, <i>without</i> Rear Heat Shield fitted B = Single Walled Flue, <i>with</i> Rear Heat Shield fitted C = Twin Walled Flue, <i>with</i> Rear Heat Shield fitted			

Direct air spigot location

When viewing the rear side of stove

Spigot diameter	102 mm
Height from floor	124 mm
Lateral position	Centre