



## Product Fiche

Supplier name	Arada
Product Code	ECB5-S3
Energy Efficiency Class (wood)	A
Direct Heat Output (wood)	4.9 Kw
Indirect Heat Output (wood)	N/A
Energy Efficiency Index (wood)	106
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	453 mm
Height	617 mm
Height (exc standard feet)	538.5 mm
Depth	410 mm
Flue Diameter	127 mm
Depth from back to centre of top flue	134 mm
Height to centre of rear flue	481 mm
Max log length / diameter	300mm / 100mm
Stand height / total height	200mm / 738.5 mm
Log store height / total height	400mm / 938.5 mm

## Performance

	Wood Fuel	Solid Fuel
Energy Efficiency Class	A	D
Nett Efficiency	79.8 %	82.3 %
Nominal Output	4.9 kW	4.9 kW
Output Range	4.2 – 5.5 kW	
Mean Co Emission (@13% O <sub>2</sub> )	0.11 %	0.1 %
DIN+ particulate	27 Nmg/m <sup>3</sup>	10 Nmg/m <sup>3</sup>
Mean NO <sub>x</sub> Emission (@13% O <sub>2</sub> )	95 Nmg/m <sup>3</sup>	94 Nmg/m <sup>3</sup>
Mean OGC Emission (@13% O <sub>2</sub> )	86 Nmg/m <sup>3</sup>	26 Nmg/m <sup>3</sup>
Flue Gas Mass Flow	4.7 g/s	3.5 g/s
Flue Gas Temperature	255 °C	254°C
Typical Fuel load for nominal rated output per hour (kWh/Kg)	1.17 (Seasoned hardwood)	0.69 (MSF Maxibrite)

## Features

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)	87.4 Kg
Weight nett (unpacked kg)	76.5 Kg

## Minimum distance to combustibles

	A	B	C
Rear	700 mm	350 mm	75 mm
Side	550 mm	525 mm	500 mm
Max hearth temp	53.9 °C	51 °C	50.9 °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	123.5 mm
Lateral position	Centre