Product Fiche

Supplier name	Arada
Product Code	ECB5WS-S3
Energy Efficiency Class (wood)	A+
Direct Heat Output (wood)	4.9 Kw
Indirect Heat Output (wood)	N/A
Energy Efficiency Index (wood)	108.9
The useful energy efficiency at nominal heat output and at minimum load (wood)	81.3 %

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	200 mm / 753 mm
Log store / total height	420 mm / 973 mm

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)	88 Kg

Minimum distance to combustibles

	A	B	C
Rear	650 mm	300 mm	50 mm
Side	450 mm	450 mm	250 mm
Max hearth temp	87 °C	43.4 °C	51.1 °C

A = Single Walled Flue, *without* Rear Heat Shield fitted
B = Single Walled Flue, *with* Rear Heat Shield fitted
C = Twin Walled Flue, *with* Rear Heat Shield fitted

Performance—Wood & Solid Fuel

	Wood Fuel	Solid Fuel
Energy Efficiency Class	A+	E
Nett Efficiency	81.3 %	79.3 %
Nominal Output	4.9 kW	4.9 kW
Output Range	3.9 – 5.9 kW	
Mean Co Emission (@13% O2)	0.10 %	0.09 %
DIN+ particulate	22 Nmg/m^3	9 Nmg/m^3
Mean NOx Emission (@13% O2)	82 Nmg/m^3	102 Nmg/m^3
Mean OGC Emission (@13% O2)	68 Nmg/m^3	19 Nmg/m^3
Flue Gas Mass Flow	4.1 g/s	4.2 g/s
Flue Gas Temperature	257 °C	281°C
Typical Fuel load for nominal rated output per hour (kWh/Kg)	1.15 (Seasoned hardwood)	0.73 (MSF Maxibrite)

Direct air spigot location

When viewing the rear side of stove

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

This appliance must be installed with clearance of 100mm to non-combustible materials. We recommend clearance of 450mm to combustible beams above the stove.

Installation and operating instructions for this stove are available online at www.aradastoves.com.