Product Fiche

Supplier name	Arada
Product Code	SOL7-S4
Energy Efficiency Class (wood)	A
Direct Heat Output (wood)	7.0 Kw
Indirect Heat Output (wood)	N/A
Energy Efficiency Index (wood)	101.6
The useful energy efficiency at nominal heat output and at minimum load (wood)	77.9 %

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	518.5 mm
Height	551 mm
Depth	387 mm
Flue Diameter	127 mm
Depth from back to centre of top flue	82 mm
Height to centre of rear flue	448 mm
Ideal log length / diameter	330mm / 100mm

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)	80 Kg

Performance—Wood & Solid Fuel

	Wood Fuel	Solid Fuel
Energy Efficiency Class	A	D
Nett Efficiency	77.9 %	81.5 %
Nominal Output	7.0 kW	7.1 kW
Output Range	5.2 – 8.1 kW	
Mean Co Emission (@13% O2)	0.12 %	0.06 %
DIN+ particulate	18 Nmg/m³	24 Nmg/m³
Mean NOx Emission (@13% O2)	109 Nmg/m³	120 Nmg/m³
Mean OGC Emission (@13% O2)	107 Nmg/m³	42 Nmg/m³
Flue Gas Mass Flow	6.2 g/s	4.3 g/s
Flue Gas Temperature	291 °C	326°C
Typical Fuel load for nominal rated output per hour (kWh/Kg)	1.55 (Seasoned hardwood)	1.0 (MSF Maxibrite)

Minimum distance to combustibles

	A	B	C
Rear	650 mm	500 mm	350 mm
Side	650 mm	900 mm	650 mm
Max hearth temp	53 °C	53 °C	53 °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

Direct air spigot location

When viewing the rear side of stove

Spigot diameter	125 mm
Height from floor	TBA mm
Lateral position	Centre

* Note: The optional direct air adaptor for this model is not room-sealed and should not be installed on a stove in an air-tight property

We recommend this appliance is installed with clearance of 100mm to non-combustible materials

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