



## Product Fiche

<b>Supplier name</b>	Arada
<b>Product Code</b>	SOL4-S5
<b>Energy Efficiency Class (wood)</b>	A+
<b>Direct Heat Output (wood)</b>	4.6 Kw
<b>Indirect Heat Output (wood)</b>	N/A
<b>Energy Efficiency Index (wood)</b>	108.4
<b>The useful energy efficiency at nominal heat output and at minimum load (wood)</b>	83.1 %

### 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

<b>Width (across canopy and riddle boss)</b>	334 mm
<b>Height</b>	473 mm
<b>Depth (from rear to handle boss)</b>	387 mm
<b>Flue Diameter</b>	127 mm
<b>Depth from back to centre of top flue</b>	90 mm
<b>Height to centre of rear flue</b>	393.5 mm
<b>Ideal log length / diameter</b>	200mm / 100mm

## Features

<b>Flexifuel</b>	No
<b>Stove body type</b>	Freestanding
<b>Ecodesign Ready</b>	Yes
<b>Suitable for smoke control areas</b>	Yes
<b>Suitable for direct air connection</b>	Yes *
<b>Suitable for non-combustible 12mm hearth</b>	Yes
<b>Weight gross (packed kg)</b>	50 Kg

## Performance—Wood & Solid Fuel

	Wood Fuel	Solid Fuel
<b>Energy Efficiency Class</b>	A+	E
<b>Nett Efficiency</b>	83.1 %	75.5 %
<b>Nominal Output</b>	4.6 kW	4.4 kW
<b>Output Range</b>	3.5 – 6 kW	
<b>Mean Co Emission</b> (@13% O <sub>2</sub> )	0.1 %	0.11 %
<b>DIN+ particulate</b>	28 Nmg/m <sup>3</sup>	16 Nmg/m <sup>3</sup>
<b>Mean NOx Emission</b> (@13% O <sub>2</sub> )	113 Nmg/m <sup>3</sup>	150 Nmg/m <sup>3</sup>
<b>Mean OGC Emission</b> (@13% O <sub>2</sub> )	91 Nmg/m <sup>3</sup>	45 Nmg/m <sup>3</sup>
<b>Flue Gas Mass Flow</b>	3.7 g/s	3.8 g/s
<b>Flue Gas Temperature</b>	232 °C	300°C
<b>Typical Fuel load for nominal rated output per hour (kWh/Kg)</b>	0.94 (Seasoned hardwood)	0.70 (MSF Maxibrite)

## Minimum distance to combustibles

	A	B	C
<b>Rear</b>	650 mm	375 mm	225 mm
<b>Side</b>	650 mm	650 mm	650 mm
<b>Max hearth temp</b>	92 °C	92 °C	92 °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			

## Optional direct air spigot location

### When viewing the rear side of stove

<b>Spigot diameter</b>	100 mm
<b>Height from floor</b>	104 mm
<b>Lateral position</b>	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	