



## Product Fiche

<b>Supplier name</b>	Arada
<b>Product Code</b>	SOL5CM-S4
<b>Energy Efficiency Class (wood)</b>	A
<b>Direct Heat Output (wood)</b>	4.8 Kw
<b>Indirect Heat Output (wood)</b>	N/A
<b>Energy Efficiency Index (wood)</b>	105.7
<b>The useful energy efficiency at nominal heat output and at minimum load (wood)</b>	81 %

### 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</b>	397 mm
<b>Height</b>	551 mm
<b>Depth</b>	387 mm
<b>Flue Diameter</b>	127 mm
<b>Depth from back to centre of top flue</b>	82 mm
<b>Height to centre of rear flue</b>	448 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>	63 Kg

## Performance — Wood & Solid Fuel

	Wood Fuel	Solid Fuel
<b>Energy Efficiency Class</b>	A	E
<b>Nett Efficiency</b>	81 %	79.9 %
<b>Nominal Output</b>	4.8 kW	4.8 kW
<b>Mean Co Emission</b> (@13% O <sub>2</sub> )	0.12 %	0.12 %
<b>Mean CO<sub>2</sub> Emission</b>	10.5	10.8
<b>DIN+ particulate</b>	11 Nmg/m <sup>3</sup>	18 Nmg/m <sup>3</sup>
<b>Mean NO<sub>x</sub> Emission</b> (@13% O <sub>2</sub> )	60 Nmg/m <sup>3</sup>	101 Nmg/m <sup>3</sup>
<b>Mean OGC Emission</b> (@13% O <sub>2</sub> )	79 Nmg/m <sup>3</sup>	56 Nmg/m <sup>3</sup>
<b>Flue Gas Mass Flow</b>	3.9 g/s	3.5 g/s
<b>Flue Gas Temperature</b>	259 °C	285 °C
<b>Typical Fuel load for nominal rated output per hour (kWh/Kg)</b>	1.10 (Seasoned hardwood)	0.75 (MSF Maxibrite)

## Minimum distance to combustibles

	A	B	C
<b>Rear</b>	700 mm	400 mm	250 mm
<b>Side</b>	700 mm	700 mm	700 mm
<b>Max hearth temp</b>	98 °C	98 °C	98 °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

<b>Spigot diameter</b>	125 mm
<b>Height from floor</b>	TBA 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