



## Product Fiche

<b>Supplier name</b>	Arada
<b>Product Code</b>	SOL7-INSET-S4
<b>Energy Efficiency Class (wood)</b>	A
<b>Direct Heat Output (wood)</b>	7.1 kW
<b>Indirect Heat Output (wood)</b>	N/A
<b>Energy Efficiency Index (wood)</b>	98.4
<b>The useful energy efficiency at nominal heat output and at minimum load (wood)</b>	75.4 %

### 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>	517 mm
<b>Height</b>	580 mm
<b>Depth</b>	469 mm
<b>Depth into fireplace</b>	316 mm
<b>Width into fireplace</b>	394 mm
<b>Height into fireplace</b>	544 mm
<b>Depth of front fascia</b>	100 mm
<b>Flue diameter</b>	127 mm
<b>Flue outlet angle from vertical</b>	30 °
<b>Ideal log length / diameter</b>	300mm / 100mm

## Performance—Wood & Solid Fuel

	Wood Fuel	Solid Fuel
<b>Energy Efficiency Class</b>	A	E
<b>Nett Efficiency</b>	75.4 %	75.8 %
<b>Nominal Output</b>	7.1 kW	7.1 kW
<b>Output Range</b>	5 – 8.6 kW	
<b>Mean Co Emission</b> (@13% O <sub>2</sub> )	0.11 %	0.08 %
<b>DIN+ particulate</b>	27 Nmg/m <sup>3</sup>	27 Nmg/m <sup>3</sup>
<b>Mean NOx Emission</b> (@13% O <sub>2</sub> )	95 Nmg/m <sup>3</sup>	159 Nmg/m <sup>3</sup>
<b>Mean OGC Emission</b> (@13% O <sub>2</sub> )	92 Nmg/m <sup>3</sup>	43 Nmg/m <sup>3</sup>
<b>Flue Gas Mass Flow</b>	6.23 g/s	6.4 g/s
<b>Flue Gas Temperature</b>	326 °C	332 °C
<b>Typical Fuel load for nominal rated output per hour (kWh/Kg)</b>	1.62(Seasoned hardwood)	1.08 (MSF Maxibrite)

## Features

<b>Stove body type</b>	Inset
<b>Ecodesign Ready</b>	Yes
<b>Suitable for smoke control areas</b>	Yes
<b>Suitable for direct air connection</b>	No
<b>Suitable for non-combustible 12mm hearth</b>	No
<b>Weight gross (packed kg)</b>	91 Kg
<b>Weight nett (unpacked kg)</b>	85 Kg

## Minimum distance to combustibles

### Single Walled Flue

<b>Above</b>	200 mm
<b>Side</b>	175 mm
<b>Max hearth temperature</b>	115 °C *
* Constructional hearth required	