



## Product Fiche

<b>Supplier name</b>	Arada
<b>Product Code</b>	HOLBORN5-WS
<b>Energy Efficiency Class (wood)</b>	A+
<b>Direct Heat Output (wood)</b>	4.9 kW
<b>Indirect Heat Output (wood)</b>	N/A
<b>Energy Efficiency Index (wood)</b>	108.9
<b>The useful energy efficiency at nominal heat output and at minimum load (wood)</b>	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

<b>Width</b>	550 mm
<b>Height</b>	665 mm
<b>Depth</b>	388 mm
<b>Flue Diameter</b>	127 mm
<b>Height to centre of rear flue</b>	526 mm
<b>Depth from back to centre of top flue</b>	134 mm
<b>Ideal log length</b>	375 mm

## Features

<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>	93 Kg
<b>Weight nett (unpacked kg)</b>	88 Kg

## Performance — Wood & Solid Fuel

	Wood Fuel	Solid Fuel
<b>Energy Efficiency Class</b>	A+	E
<b>Nett Efficiency</b>	81.3 %	79.3 %
<b>Nominal Output</b>	4.9 kW	4.9 kW
<b>Mean Co Emission</b> (@13% O <sub>2</sub> )	0.1 %	0.09 %
<b>Mean Co<sub>2</sub> Emission</b> (@13% O <sub>2</sub> )	10 %	9.7 %
<b>DIN+ particulate</b>	22 Nmg/m <sup>3</sup>	10 Nmg/m <sup>3</sup>
<b>Mean NO<sub>x</sub> Emission</b> (@13% O <sub>2</sub> )	82 Nmg/m <sup>3</sup>	102 Nmg/m <sup>3</sup>
<b>Mean OGC Emission</b> (@13% O <sub>2</sub> )	68 Nmg/m <sup>3</sup>	19 Nmg/m <sup>3</sup>
<b>Flue Gas Mass Flow</b>	4.1 g/s	4.2 g/s
<b>Flue Gas Temperature</b>	257 °C	281 °C
<b>Typical fuel load to achieve</b>	1.15 kg/hr (Seasoned hardwood)	0.73 kg/hr (MSF Maxibrite)

Note: Solid fuel figures were achieved with optional solid fuel kit installed

## Minimum distance to combustibles

	A	B	C
<b>Rear</b>	650 mm	300 mm	50 mm
<b>Side</b>	450 mm	450 mm	250 mm
<b>Max hearth temp</b>	86.2 °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

## Direct air spigot location

### When viewing the rear side of stove

<b>Spigot diameter</b>	125 mm
<b>Height from floor</b>	123.5 mm
<b>Lateral position</b>	Centre