



### Dimensions

Width	550 mm
Height	665 mm
Height (exc. standard feet)	553 mm
Depth	411 mm
Flue Diameter	127 mm
Height to centre of rear flue	526 mm
Depth from back to centre of top flue	134 mm
Max log length	375 mm
Stand height / total height	200 mm / 753 mm
Log store height / total height	420 mm / 973 mm

### Performance—Wood & Solid Fuel

	Wood Fuel	Solid Fuel
Energy Efficiency Class	A+	E
Nett Efficiency	81.3 %	79.3 %
Nominal Output	4.9 kW	4.9 kW
Output Range	3.9 – 5.9 kW	
Mean Co Emission (@13% O <sub>2</sub> )	0.1 %	0.09 %
Mean Co <sub>2</sub> Emission (@13% O <sub>2</sub> )	10 %	9.7 %
DIN+ particulate	22 Nmg/m <sup>3</sup>	10 Nmg/m <sup>3</sup>
Mean NO <sub>x</sub> Emission (@13% O <sub>2</sub> )	82 Nmg/m <sup>3</sup>	102 Nmg/m <sup>3</sup>
Mean OGC Emission (@13% O <sub>2</sub> )	68 Nmg/m <sup>3</sup>	19 Nmg/m <sup>3</sup>
Flue Gas Mass Flow	4.1 g/s	4.2 g/s
Flue Gas Temperature	257 °C	281 °C
Typical fuel load to achieve nominal rated output	1.15 kg/hr (Seasoned hardwood)	0.73 kg/hr (MSF Maxibrite)

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

### Product Fiche

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

### Features

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)	107 Kg
Weight nett (unpacked kg)	88 Kg

### Minimum distance to combustibles

	A	B	C
Rear	650 mm	300 mm	50 mm
Side	450 mm	450 mm	250 mm
Max hearth temp	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

Spigot diameter	102 mm
Height from floor	123.5 mm
Lateral position	Centre