



## Product Fiche

<b>Supplier name</b>	Arada
<b>Product Code</b>	EB16HE-INSET-G5
<b>Energy Efficiency Class (solid)</b>	A
<b>Direct Heat Output (solid)</b>	5.3 kW
<b>Indirect Heat Output (solid)</b>	16.1 kW
<b>Energy Efficiency Index (solid)</b>	88.0
<b>The useful energy efficiency at nominal heat output and at minimum load (solid)</b>	71.5 %

**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.

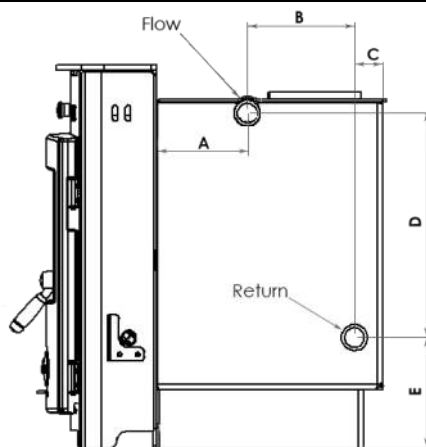
## Dimensions

<b>Width</b>	626 mm
<b>Height</b>	636 mm
<b>Depth</b>	544 mm
<b>Flue Diameter</b>	127 mm
<b>Depth into fireplace</b>	357 mm
<b>Width into fireplace</b>	528 mm
<b>Height into fireplace</b>	543 mm
<b>Depth from back to centre of top flue</b>	122 mm
<b>Depth of front fascia</b>	177 mm
<b>Ideal log length</b>	405 mm

## Minimum distance to combustibles

To Rear	To Side	Above
N/A	100 mm	250 mm

## Boiler Tapping Measurements



Inset boiler tapping measurements. Side View example shown. Not to scale.

A	B	C	D	E
120 mm	177 mm	59 mm	355 mm	168 mm

## Features

<b>Flexifuel</b>	No
<b>Stove body type</b>	Inset
<b>Ecodesign Ready</b>	No
<b>Suitable for smoke control areas</b>	No
<b>Suitable for direct air connection</b>	No
<b>Suitable for non-combustible 12mm hearth</b>	No
<b>Max hearth temperature</b>	284.3 °C
<b>Max Operating Pressure</b>	3 bar
<b>Weight gross (packed weight)</b>	139 Kg

## Performance—Wood & Solid Fuel

	Wood Fuel	Solid Fuel
<b>Energy Efficiency Class</b>	A	A
<b>Nett Efficiency</b>	70.7 %	71.5 %
<b>Nominal Output (to room)</b>	6.7 kW	5.3 kW
<b>Nominal Output (to water)</b>	8.8 kW	16.1 kW
<b>Mean Co Emission (@13% O<sub>2</sub>)</b>	0.34 %	0.92 %
<b>Mean Co<sub>2</sub> Emission (@13% O<sub>2</sub>)</b>	12.03 %	-
<b>DIN+ particulate</b>	-	-
<b>Mean NO<sub>x</sub> Emission (@13% O<sub>2</sub>)</b>	96 Nmg/m <sup>3</sup>	-
<b>Mean OGC Emission (@13% O<sub>2</sub>)</b>	-	-
<b>Flue Gas Mass Flow</b>	12.1 g/s	10.7 g/s
<b>Flue Gas Temperature</b>	423 °C	500 °C