

## **WARNING**

The ECO range cooker is wood burning only (this includes logs, sawdust briquettes and pellets); no attempt should be made to burn any other fuel, including all types of coal, smokeless fuels and petroleum coke. Under no circumstances should liquid fuels be added. It is not an incinerator and rubbish including painted or tanalised wood and MDF should not be burnt in this appliance.

Any attempt is dangerous and will invalidate any guarantees immediately.

### **Technical data**

<b><u>Built to</u></b> EN12815:2001 + A1:2004	<b><u>DEFRA approved</u></b>
Efficiency	90.1%
Emissions/CO concentration @13% Oxygen	0.10% Volume 1219 mg/mo <sup>3</sup>
Emissions Dust @ 13% Oxygen DEFRA UK Permitted 6.9g/h Max. Time above Ringelmann 2 - 10%	24 mg/ mo <sup>3</sup>  Actual 0.72 g/h Actual 0.0 %
Fuel	Dry Logs < 20% H <sup>2</sup> O, 225 – 400mm long ( no painted or tantalized wood it will destroy the Catalysts)
Total Weight in kg	480 kg
kW output intermittent	6kW
Air vent requirement: Pre 2005 house Post 2005 houses	550mmsq vent required. (30mm diameter) An air vent is required (3,300mm sq.) or direct connection to outside.  Air vent required to match fan.
Minimum flue draught mm H <sup>2</sup> O	0.8mm, 12PA
Mean Flue gas temperature	122 °C
Flue size Min. chimney diameter Max. chimney diameter	150mm (6") 150mm (6") 200mm (8")
Minimum distance to combustible materials	50mm behind (2"). 40mm on Oven side 100mm on firebox side(80mm if 40mm insulation)
Minimum distance to Non	4mm behind (1/4") 20mm sides
Max. Hearth temp. Min.	<100 °C 12mm