Product Fiche

Supplier name	Arada
Product Code	SOL5-INSET-S4
Energy Efficiency Class (wood)	A
Direct Heat Output (wood)	5.0 Kw
Indirect Heat Output (wood)	N/A
Energy Efficiency Index (wood)	104.27
The useful energy efficiency at nominal heat output and at minimum load (wood)	79.9 %

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

Width	517 mm
Height	580 mm
Depth	469 mm
Depth into fireplace	316 mm
Width into fireplace	394 mm
Height into fireplace	544 mm
Depth of front fascia	100 mm
Flue diameter	127 mm
Flue outlet angle from vertical	30 °
Ideal log length / diameter	200mm / 100mm

Features

Flexifuel	No
Stove body type	Inset
Ecodesign Ready	Yes
Suitable for smoke control areas	Yes
Suitable for direct air connection	No
Suitable for non-combustible 12mm hearth	Yes
Weight gross (packed kg)	91 Kg

Performance—Wood & Solid Fuel

	Wood Fuel	Solid Fuel
Energy Efficiency Class	A	E
Nett Efficiency	79.9 %	76 %
Nominal Output	5.0 kW	5.0 kW
Output Range	4.1 – 6.7 kW	
Mean Co Emission (@13% O2)	0.08 %	0.07 %
DIN+ particulate	14 Nmg/m^3	12 Nmg/m^3
Mean NOx Emission	97 Nmg/m^3	138 Nmg/m^3
Mean OGC Emission (@13% O2)	79 Nmg/m^3	30 Nmg/m^3
Flue Gas Mass Flow	4.1 g/s	4.1 g/s
Flue Gas Temperature	274 °C	323°C
Typical Fuel load for nominal rated output per hour (kWh/Kg)	1.44 (Seasoned hardwood)	0.76 (MSF Maxibrite)

Minimum distance to combustibles

Single Walled Flue

Above	250 mm
Side	175 mm
Max hearth temperature	66 °C

Installation and operating instructions for this stove are available online at www.aradastoves.com.