



I500-S3 shown with optional 60mm four-sided trim

Dimensions

Width (external)	578 mm
Height (external)	581 mm
Depth (external including handle)	423 mm
Flue Diameter	127 mm
Width (internal to Builders Opening)	525 mm
Height (internal to Builders Opening)	553 mm
Depth (internal to Builders Opening)	364 mm
Depth to Top Flue Opening	132 mm
Ideal log length / diameter	300 mm / 100 mm

Please note: Dimensions do not include optional trim as shown

Minimum distance to combustibles

(with standard flue connection)

Side wall	Top mantel	Underhearth temperature
130 mm	850 mm	68 °C

Direct Air Connection

Rear (floor to centre)	Base (back to centre)
79 mm	135 mm

Product Fiche

Supplier name	Arada
Product Code	i500-S3
Energy Efficiency Class (wood / MSF)	A / D
Direct Heat Output (wood / MSF)	5.6 kW / 5.6 kW
Indirect Heat Output (wood / MSF)	N/A
Energy Efficiency Index (wood / MSF)	99.83 / 72.9
The useful energy efficiency at nominal heat output and at minimum load (wood / MSF)	76.5 % / 81 %

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

Flexifuel	Yes
Stove body type	Cassette
Ecodesign Ready	Yes
Suitable for smoke control areas	Yes
Suitable for direct air connection	Yes
Suitable for non-combustible 12mm hearth	No
Flue outlet	Vertical spigot
Weight gross (packed weight)	92.8 Kg
Weight nett (unpacked weight)	87 Kg

Performance

	Wood Fuel	Manufactured Solid Fuel
Energy Efficiency Class	A	D
Nett Efficiency	76.5 %	81 %
Nominal Output	5.6 kW	5.6 kW
Output Range	1.5–6 kW	1.5–6 kW
Mean Co Emission (@13% O₂)	0.06 %	0.06 %
DIN+ particulate	32 Nmg/m ³	35 Nmg/m ³
Mean NOx Emission (@13% O₂)	74 Nmg/m ³	98 Nmg/m ³
Mean OGC Emission (@13% O₂)	44 Nmg/m ³	16 Nmg/m ³
Flue Gas Mass Flow	5.4 g/s	3.8 g/s
Flue Gas Temperature	292 °C	301°C
Typical Fuel load for nominal rated output per hour (kWh/Kg)	1.28 (Seasoned hardwood)	0.80 (MSF Maxibrite)