



Dimensions

Width	536 mm
Height (exc. Top flue collar)	485 mm
Depth (inc. Handle)	350 mm
Flue Diameter	127 mm
Total height on optional feet (exc. Top flue collar)	561.5 mm
Total height on optional stand (exc. Top flue collar)	684.5 mm
Total height on log store (exc. Top flue collar)	904.5 mm
Depth from back to centre of top flue	135 mm
Height to centre of rear flue	349 mm
Max log length / diameter	375mm / 100mm

Performance—Wood Fuel

	Wood Fuel
Energy Efficiency Class	A+
Nett Efficiency	81.3 %
Nominal Output	4.9 kW
Output Range	1.5 – 7 kW
Mean Co Emission (@13% O ₂)	0.10 %
DIN+ particulate	22 Nmg/m ³
Mean NO _x Emission (@13% O ₂)	82 Nmg/m ³
Mean OGC Emission (@13% O ₂)	68 Nmg/m ³
Flue Gas Mass Flow	4.1 g/s
Flue Gas Temperature	257 °C
Typical Fuel load for nominal rated output per hour (kWh/Kg)	1.15 (Seasoned hardwood)

Product Fiche

Supplier name	Arada
Product Code	MCAST-5WS / MSTEEL-5WS /
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

Flexifuel	No
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)	77 Kg

Minimum distance to combustibles

	A	B	C
Rear	650 mm	350 mm	150 mm
Side	350 mm	400 mm	350 mm
Max hearth temp	99 °C	99 °C	99 °C
A = Single Walled Flue, <i>without</i> Rear Heat Shield fitted B = Single Walled Flue, <i>with</i> Rear Heat Shield fitted C = Twin Walled Flue, <i>with</i> Rear Heat Shield fitted			

Direct air spigot location

When viewing the rear side of stove

Spigot diameter	100 mm
Height from floor	54.5 mm
Lateral position	Centre