



MCAST-5 shown

Dimensions

Width (across footprint)	468 mm
Height (with/without top flue collar)	516.5 / 468 mm
Depth (inc. Handle)	363 mm
Flue Diameter	127 mm
Total height on optional feet (with/without top flue collar)	593.5 / 545 mm
Total height on optional stand (with/without top flue collar)	716.5 / 668 mm
Total height on log store (with/without top flue collar)	916.5 / 868 mm
Depth from back to centre of top flue	135 mm
Height to centre of rear flue	330 mm
Ideal log length / diameter	300 mm / 100 mm

Performance—Wood Fuel

	Wood Fuel
Energy Efficiency Class	A
Nett Efficiency	79.8 %
Nominal Output	4.9 kW
Output Range	1.5 – 7 kW
Mean Co Emission (@13% O ₂)	0.11 %
DIN+ particulate	27 Nmg/m ³
Mean NO _x Emission (@13% O ₂)	95 Nmg/m ³
Mean OGC Emission (@13% O ₂)	86 Nmg/m ³
Flue Gas Mass Flow	4.7 g/s
Flue Gas Temperature	255 °C
Typical Fuel load for nominal rated output per hour (kWh/Kg)	1.15 (Seasoned hardwood)

Product Fiche

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

Fuel type	Wood only
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)	65 Kg
Weight nett (unpacked kg)	60 Kg

Minimum distance to combustibles

	A	B	C
Rear	500 mm	250 mm	50 mm
Side	350 mm	350 mm	350 mm
Max hearth temp	56 °C	53 °C	54 °C

A = Single Walled Flue, *without* Rear Heat Shield fitted

B = Single Walled Flue, *with* Rear Heat Shield fitted

C = Twin Walled Flue, *with* Rear Heat Shield fitted

Direct air spigot location

When viewing the rear side of stove

Spigot diameter	100 mm
Height from floor	57 mm
Lateral position	Centre