

I Series Cassette – i400 (S3)



The third-generation i400 is shown with optional 4-sided trim and stainless steel glass supports (standard)

The third-generation of Arada I Series stoves are sleek, cutting-edge cassette stoves, the perfect choice for the modern, energy-conscious households.

With this generation features significant comes improvements in fuel efficiency and reduced emissions than previous iSeries stoves.

A redesigned pre-heated airwash system keeps the glass clearer than ever before. I Series stoves can be installed at the hearth level or raised-up for the 'media-wall' effect, with optional 60mm trims in different colours for tidy installation into tiled walls.

Features

- Lifetime guarantee
- Ecodesign, exempt appliance suitable for use in Smoke Control Areas
- Preheated airwash system for clean glass
- Burns Wood or Solid Smokeless Fuels
- Stainless steel ash pan
- 3 and 4-sided 60mm decorative trim options
- Optional choice of trim colours
- Radiant and convected heat
- Full glass door, optional glass support colours
- Primary, secondary and tertiary burn to improve fuel efficiency
- Direct air compatible
- Two position door mechanism to assist cold lighting
- Top flue fitting 127mm (5in)
- Internal flue fitting and flue damper for ease of installation

Dimensions

Width	476 mm
Height	582 mm
Depth (inc. handle)	423 mm
Ideal log length	200 mm

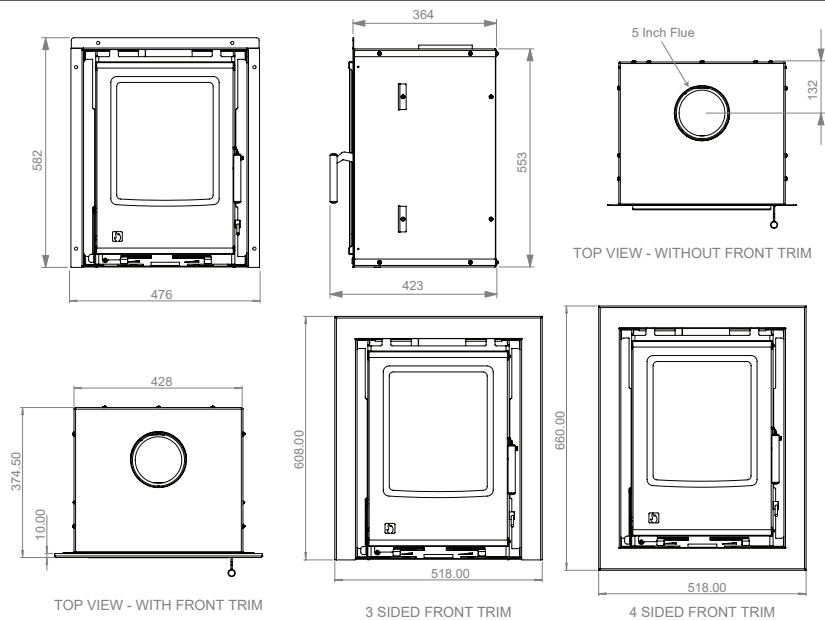


i400 shown with standard stainless steel glass supports and optional 4-sided 60mm trim

Optional Extras: 3 or 4-sided 60mm trims / Optional glass support and trim colours



I Series Cassette – i400 (S3)



Dimensions

Height (external)	582 mm
Width (external)	476 mm
Depth (external inc. handle)	423 mm
Height (internal into fireplace)	553 mm
Width (internal into builders opening)	428 mm
Depth (internal into builders opening)	364 mm
Depth to Top Flue Opening	132 mm
Flue Diameter	127 mm / 5 inch
Ideal log length / diameter	200mm / 100mm

Performance

	Wood Fuel	Solid Fuel
Energy Efficiency Class	A+	D
Nett Efficiency	82.6 %	83 %
Nominal Output	4.9 kW	5 kW
Output Range	1.5 — 6 kW	
Mean Co Emission (@13% O ₂)	0.08 %	0.05 %
DIN+ particulate	19 Nmg/m ³	15 Nmg/m ³
Mean NO _x Emission (@13% O ₂)	91 Nmg/m ³	143 Nmg/m ³
Mean OGC Emission (@13% O ₂)	66 Nmg/m ³	23 Nmg/m ³
Flue Gas Mass Flow	3.8 g/s	3 g/s
Flue Gas Temperature	267 °C	264 °C
Typical Fuel load for nominal rated output per hour (kWh/Kg)	1.10 (Seasoned hardwood)	1.08 (MSF Maxibrite)

Features

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	Yes
Weight gross (packed kg)	65 Kg
Weight nett (unpacked kg)	60 Kg

Minimum distance to materials

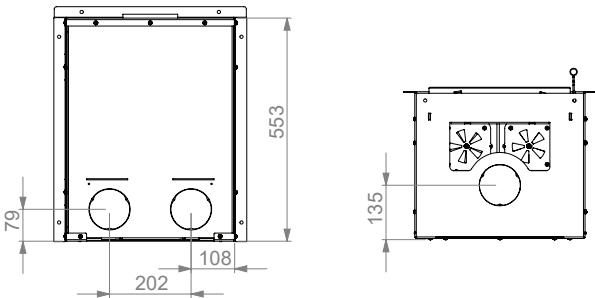
(Standard flue connection)

Max. hearth temperature (directly under stove)	44.2 °C
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	SIDES	TOP MANTEL
Combustibles	170 mm	695 mm
Non-Combustibles	100 mm	100 mm

Direct air connection

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



NOTE: ONLY ONE REAR DIRECT AIR CONNECTION IS REQUIRED

This appliance must be installed with clearance of 100mm to non-combustible materials. We recommend clearance of 695mm to combustible beams above the stove. Installation and operating instructions for this stove are available online at www.aradastoves.com.