

# I Series Cassette – i500 (S3)



The third-generation i500 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            | 578 mm |
| Height           | 582 mm |
| Depth            | 423 mm |
| Ideal log length | 300 mm |

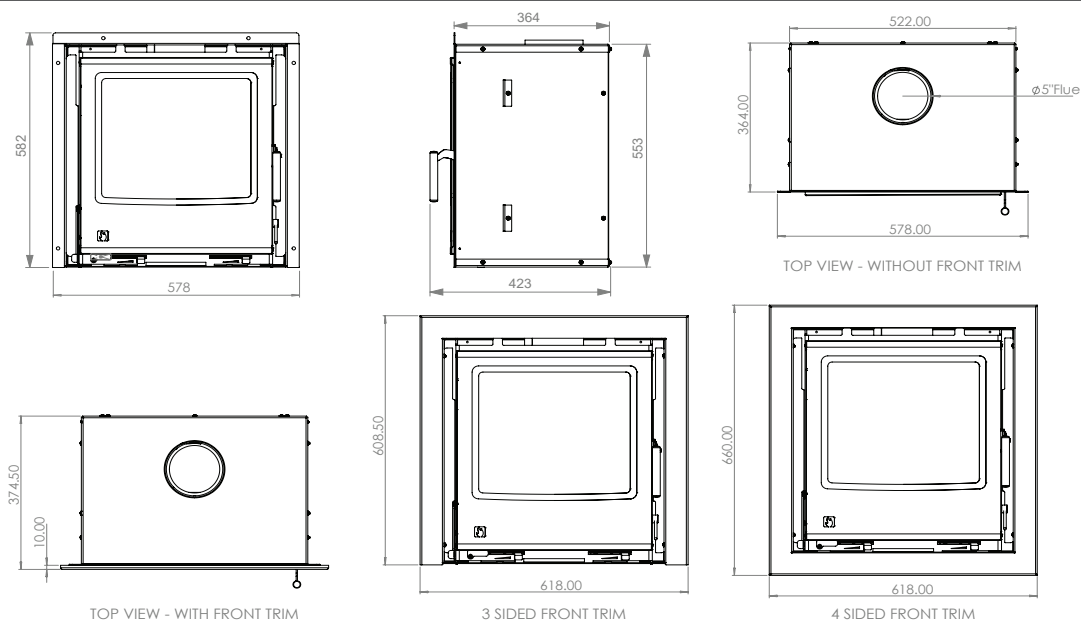


i500 shown with standard stainless steel glass supports and optional 4-sided 60mm trim

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



# I Series Cassette – i500 (S3)



## Dimensions

|                                        |                 |
|----------------------------------------|-----------------|
| Height (external)                      | 582 mm          |
| Width (external)                       | 578 mm          |
| Depth (external inc. handle)           | 423 mm          |
| Height (internal into fireplace)       | 553 mm          |
| Width (internal into builders opening) | 525 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            | 300mm / 100mm   |

| Performance                                                  | Wood Fuel                | Solid Fuel            |
|--------------------------------------------------------------|--------------------------|-----------------------|
| Energy Efficiency Class                                      | A                        | D                     |
| Nett Efficiency                                              | 76.5 %                   | 81 %                  |
| Nominal Output                                               | 5.6 kW                   |                       |
| Output Range                                                 | 2 — 7 kW                 |                       |
| Mean Co Emission (@13% O <sub>2</sub> )                      | 0.06 %                   |                       |
| DIN+ particulate                                             | 32 Nmg/m <sup>3</sup>    | 35 Nmg/m <sup>3</sup> |
| Mean NO <sub>x</sub> Emission (@13% O <sub>2</sub> )         | 74 Nmg/m <sup>3</sup>    | 98 Nmg/m <sup>3</sup> |
| Mean OGC Emission (@13% O <sub>2</sub> )                     | 44 Nmg/m <sup>3</sup>    | 16 Nmg/m <sup>3</sup> |
| 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)  |

## 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)                 | 100 Kg   |
| Weight nett (unpacked kg)                | 93 Kg    |

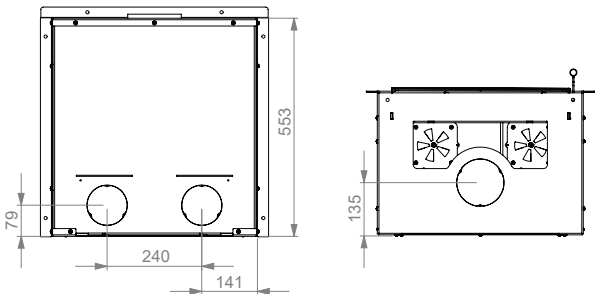
## Minimum distance to materials (Standard flue connection)

|                                                |       |
|------------------------------------------------|-------|
| Max. hearth temperature (directly under stove) | 68 °C |
|------------------------------------------------|-------|

|                  | SIDES  | TOP MANTEL |
|------------------|--------|------------|
| Combustibles     | 130 mm | 850 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 850mm to combustible beams above the stove. Installation and operating instructions for this stove are available online at [www.aradastoves.com](http://www.aradastoves.com).