## Product Fiche

| | |
|---|---|
| **Supplier name** | Arada |
| **Product Code** | SOL7-INSET-S4 |
| **Energy Efficiency Class (wood)** | A |
| **Direct Heat Output (wood)** | 7.1 kW |
| **Indirect Heat Output (wood)** | N/A |
| **Energy Efficiency Index (wood)** | 98.4 |
| **The useful energy efficiency at nominal heat output and at minimum load (wood)** | 75.4 % |

**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.

## Dimensions

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|---|---|
| **Width** | 517 mm |
| **Height** | 580 mm |
| **Depth** | 469 mm |
| **Depth into fireplace** | 316 mm |
| **Width into fireplace** | 394 mm |
| **Height into fireplace** | 544 mm |
| **Depth of front fascia** | 100 mm |
| **Flue diameter** | 127 mm |
| **Flue outlet angle from vertical** | 30 ° |
| **Ideal log length / diameter** | 300mm / 100mm |

## Features

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|---|---|
| **Stove body type** | Inset |
| **Ecodesign Ready** | Yes |
| **Suitable for smoke control areas** | Yes |
| **Suitable for direct air connection** | No |
| **Suitable for non-combustible 12mm hearth** | Yes |
| **Weight gross (packed kg)** | 92 Kg |

## Performance—Wood & Solid Fuel

| | Wood Fuel | Solid Fuel |
|---|---|---|
| **Energy Efficiency Class** | A | E |
| **Nett Efficiency** | 75.4 % | 75.8 % |
| **Nominal Output** | 7.1 kW | 7.1 kW |
| **Output Range** | 5 – 8.6 kW | |
| **Mean Co Emission** (@13% O2) | 0.11 % | 0.08 % |
| **DIN+ particulate** | 27 Nmg/$m^3$ | 27 Nmg/$m^3$ |
| **Mean NOx Emission** (@13% O2) | 95 Nmg/$m^3$ | 159 Nmg/$m^3$ |
| **Mean OGC Emission** (@13% O2) | 92 Nmg/$m^3$ | 43 Nmg/$m^3$ |
| **Flue Gas Mass Flow** | 6.23 g/s | 6.4 g/s |
| **Flue Gas Temperature** | 326 °C | 332°C |
| **Typical Fuel load for nominal rated output per hour (kWh/Kg)** | 1.62(Seasoned hardwood) | 1.08 (MSF Maxibrite) |

## Minimum distance to combustibles

**Single Walled Flue**

| | |
|---|---|
| **Above** | 200 mm |
| **Side** | 175 mm |
| **Max hearth temperature** | 70 °C |

We recommend clearance of 175mm above and to sides of combustible material from the stove.
Installation and operating instructions for this stove are available online at www.aradastoves.com.