



Product Fiche

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|---|---------|
| Supplier name | Arada |
| Product Code | ECB5-S3 |
| Energy Efficiency Class (wood) | A |
| Direct Heat Output (wood) | 4.9 Kw |
| Indirect Heat Output (wood) | N/A |
| Energy Efficiency Index (wood) | 106 |
| The useful energy efficiency at nominal heat output and at minimum load (wood) | 79.8 % |

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

| | |
|--|------------------|
| Width | 453 mm |
| Height | 617 mm |
| Height (exc standard feet) | 538.5 mm |
| Depth | 404 mm |
| Flue Diameter | 127 mm |
| Depth from back to centre of top flue | 134 mm |
| Height to centre of rear flue | 481 mm |
| Ideal log length / diameter | 300mm / 100mm |
| Stand height / total height | 200mm / 738.5 mm |
| Log store height / total height | 400mm / 938.5 mm |

Performance

| | Wood Fuel | Solid Fuel |
|---|--------------------------|-----------------------|
| Energy Efficiency Class | A | D |
| Nett Efficiency | 79.8 % | 82.3 % |
| Nominal Output | 4.9 kW | 4.9 kW |
| Output Range | 4.2 – 5.5 kW | |
| Mean Co Emission (@13% O ₂) | 0.11 % | 0.1 % |
| DIN+ particulate | 27 Nmg/m ³ | 10 Nmg/m ³ |
| Mean NOx Emission (@13% O ₂) | 95 Nmg/m ³ | 94 Nmg/m ³ |
| Mean OGC Emission (@13% O ₂) | 86 Nmg/m ³ | 26 Nmg/m ³ |
| Flue Gas Mass Flow | 4.7 g/s | 3.5 g/s |
| Flue Gas Temperature | 255 °C | 254 °C |
| Typical Fuel load for nominal rated output per hour (kWh/Kg) | 1.17 (Seasoned hardwood) | 0.69 (MSF Maxibrite) |

Features

| | |
|---|--------------|
| 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) | 81.5 Kg |
| Weight nett (unpacked kg) | 76.5 Kg |

Minimum distance to combustibles

| | A | B | C |
|--|---------|--------|---------|
| Rear | 700 mm | 350 mm | 75 mm |
| Side | 550 mm | 525 mm | 500 mm |
| Max hearth temp | 53.9 °C | 51 °C | 50.9 °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 | 125 mm |
| Height from floor | 123.5 mm |
| Lateral position | Centre |