



## Product Fiche

|                                                                                |               |
|--------------------------------------------------------------------------------|---------------|
| Supplier name                                                                  | Arada         |
| Product Code                                                                   | SOL5-INSET-S5 |
| Energy Efficiency Class (wood)                                                 | A             |
| Direct Heat Output (wood)                                                      | 5.0 Kw        |
| Indirect Heat Output (wood)                                                    | N/A           |
| Energy Efficiency Index (wood)                                                 | 104.27        |
| The useful energy efficiency at nominal heat output and at minimum load (wood) | 79.9 %        |

### 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                           | 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     | 200mm / 100mm |

## Features

|                                          |       |
|------------------------------------------|-------|
| Flexifuel                                | No    |
| 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)                 | 91 Kg |

## Performance—Wood & Solid Fuel

|                                                              | Wood Fuel                | Solid Fuel             |
|--------------------------------------------------------------|--------------------------|------------------------|
| Energy Efficiency Class                                      | A                        | E                      |
| Nett Efficiency                                              | 79.9 %                   | 76 %                   |
| Nominal Output                                               | 5.0 kW                   | 5.0 kW                 |
| Output Range                                                 | 4.1 – 6.7 kW             |                        |
| Mean Co Emission<br>(@13% O <sub>2</sub> )                   | 0.08 %                   | 0.07 %                 |
| DIN+ particulate                                             | 14 Nmg/m <sup>3</sup>    | 12 Nmg/m <sup>3</sup>  |
| Mean NO <sub>x</sub> Emission                                | 97 Nmg/m <sup>3</sup>    | 138 Nmg/m <sup>3</sup> |
| Mean OGC Emission<br>(@13% O <sub>2</sub> )                  | 79 Nmg/m <sup>3</sup>    | 30 Nmg/m <sup>3</sup>  |
| Flue Gas Mass Flow                                           | 4.1 g/s                  | 4.1 g/s                |
| Flue Gas Temperature                                         | 274 °C                   | 323 °C                 |
| Typical Fuel load for nominal rated output per hour (kWh/Kg) | 1.44 (Seasoned hardwood) | 0.76 (MSF Maxibrite)   |

## Minimum distance to combustibles

| Single Walled Flue     |        |
|------------------------|--------|
| Above                  | 250 mm |
| Side                   | 175 mm |
| Max hearth temperature | 66 °C  |