

DECLARATION OF PERFORMANCE - Regulation (EU) 305/2011



Manufacturer: Arada Ltd, The Fireworks, Weycroft Avenue, Axminster Devon, United Kingdom EX13 5HU

Trade Mark Brand: Hamlet

Range Designation: Solution S5 Inset Stoves

Intended Use: Inset Domestic Heating Appliance

Independent Performance and Safety tested : UKCA - Kiwa Gastec, Notified Body No: 0558

CE - Kiwa Cermet Italia S.p.A, Notified Body No. 0476

Constancy of Performance System AVCP: System 3

| Model | SOLUTION 5 INSET S5 | SOLUTION 7 INSET S5 |
|---------------------------------------------------------------------------|--------------------------------------|--------------------------------------|
| Manufacturers Product Code : | SOL5-INSET-S5 | SOL7-INSET-S5 |
| Approximate Output Range: (kW) | 4.1 - 6.7 | 5 - 8.6 |
| Harmonised EN European Standard (hEN): | BS EN 13229:2001 + A1:2003 + A2:2004 | BS EN 13229:2001 + A1:2003 + A2:2004 |
| Additional Characteristics Test Standard: | DIN+ | DIN+ |
| Additional Particulate Emission Test Standard: | PD6434 | PD6434 |
| Test Report reference: | 61276-7 | 61276-4 |
| Performance Characteristics on Wood Fuel | | |
| Total Efficiency: (%) | 79.9 | 75.4 |
| Declared nominal output: (kW) | 5 | 7 |
| Tested nominal Output: (kW) | 5 | 7.1 |
| Flue gas mass flow: (g/s) | 4.1 | 6.2 |
| Mean CO emission (@13% O ₂): (%) | 0.08 | 0.11 |
| Mean OGC emission (@13% O ₂): (Nmg/m ³) | 79 | 92 |
| Mean NOx emission (@13% O ₂): (Nmg/m ³) | 97 | 95 |
| DIN+ particulates (@13% O ₂): (Nmg/m ³) | 14 | 27 |
| PD6434 Particulate Emissions High output: (gh-1) | 2.7 | 2.3 |
| PD6434 Particulate Emissions Low output: (gh-1) | 1.8 | 1.2 |
| Mean Flue Temperature: (Deg C) | 274 | 326 |
| Underhearth Temperature: (Deg C) | 66 | 70 |
| Approximate Max Log Length: (mm) | 200 | 300 |
| Performance Characteristics on Maxibrite Briquetted Smokeless Fuel | | |
| Total Efficiency: (%): | 76 | 75.5 |
| Declared nominal output: (kW) | 5 | 7 |
| Tested nominal output: (kW) | 5 | 7.1 |
| Flue gas mass flow: (g/s) | 4.1 | 6.4 |
| Mean CO emission (@13% O ₂): (%) | 0.07 | 0.08 |
| Mean OGC emission (@13% O ₂): (Nmg/m ³) | 30 | 43 |
| Mean NOx emission (@13% O ₂): (Nmg/m ³) | 138 | 159 |
| DIN+ particulates (@13% O ₂): (Nmg/m ³) | 12 | 27 |
| Mean Flue Temperature: (Deg C) | 323 | 332 |
| Underhearth Temperature: (Deg C) | 66 | 70 |
| Safety Distances from Combustibles (standard flue connection) | | |
| Side Wall: (mm) | 175 | 175 |
| Top Shelf: (mm) | 250 | 200 |
| Safety Distances from Combustibles (twin wall flue connection) | | |
| Side Wall: (mm) | N/A | N/A |
| Rear Wall: (mm) | N/A | N/A |

The performance of the product identified above is in conformity with the set of declared performance.

This declaration of performance is issued, in accordance with Regulation (EU) No. 305/2011 as it has effect in the United Kingdom in respect of Great Britain, under the sole responsibility of the manufacturer identified above.

Signed on behalf of the manufacturer:

ARADA
DEVON
J. Stantford

04 February 2026