

Declaration of Performance (DoP)

According to Regulation (EU) 305/2011

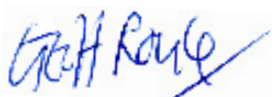
Hi-Flame Alpha I Solid Fuel Room Heater AL905

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|---|--|
| 1 Model Identification | Hi-Flame Alpha I Solid Fuel Room Heater AL905 / AL905-LS (with Log Store) |
| 2 Intended use | Free-standing room heater burning solid fuel |
| 3 Manufacturer | Henan Hi-Flame, Bodu Road, Xingang Avenue, Airport District, Zhengzhou, Republic of China |
| 4 Authorised representative | Hi-Flame Fireplace (UK) Ltd, Holmes Chapel Business Park, Manor Lane, Holmes Chapel, Cheshire CW4 8AF, UK |
| 5 Assessment and verification of constancy of performance (AVPC) | Systems 3 and 4 Annex V Regulation (EU) No. 305/2011 Manufacturer's ISO9001:2015 Quality Management |
| 6 Harmonised standard applied | EN 13240:2001/ A2.2004 + EN 13240 A2:2005 |
| 7 Notified body relevant to AVPC | Kiwa Gastec, Bishops Cleeve, Cheletenham GL52 7DQ. Notified Body 0692 |
| 8 Issued test report(s) | Test report number 60945 June 2017 (Type testing under System 3) |

9 Performance characteristics using wood fuel

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|---|----------------------|
| Total efficiency | 76.2% |
| Energy Efficiency Index (EEI) | 100 |
| ErP Label | A |
| Nominal Direct Heating Output | 5.0 kW |
| Nominal Indirect Heating Output to Water | N/A |
| Maximum Combined Heating Output | 5.0kW |
| Maximum Operating Pressure | N/A |
| Mean CO emission (%) @13% O ² (Nmg/m ³) | 0.10 |
| Fire safety / Reaction to fire | A1 |
| Risk of burning fuel falling out | Pass |
| Surface temperature | Pass |
| Mechanical Resistance (ability to carry a flue system) | Pass |
| Minimum distance to combustible materials (mm) | Rear 900 / Sides 700 |
| Maximum log length (mm) | 250 |
| Suitable for 12mm non-combustible decorative hearth (subject to building regulations) | Yes |

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.



Date 01/08/2023

Geoff Royle, Technical Director Hi-Flame Fireplace (UK) Limited