Aidan Eco Boiler HFB-443

1 Model Identification	Olymberyl Aidan Eco Boiler HFB-443 Solid Fuel Local Heater	
2 Intended use	Roomheater burning solid fuel with hot water supply	
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 13240A2:2005	
7 Notifed body relevant to AVPC	Strojirensky Zkusebni Ustav s.p. (SZU), Brno, Czech Republic, Notified Body 1015	
8 Issued test report(s)	E-30-00655-09 (+E-30-9087, E-30-6437 and 30-6437/1)	

9 Performance characteristics using wood fuel

Total efficiency	76.9%
Energy Efficiency Index (EEI)	102
ErP Label	А
Nominal Direct Heating Output	5.0 kW
Nominal Indirect Heating Output to Water	7.5kW
Maximum Combined Heating Output	16.2kW
Maximum Operating Pressure	1.5 Bar
Mean CO emission (%) @13% O ² (<i>Nmg/m</i> ³)	0.14
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 375 / Sides 125
Maximum log length (mm)	375
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.

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Date 04/05/2023

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