

DECLARATION OF PERFORMANCE

NO. AB200 - CPR - 2020 Rev B

Product-Type	Roomheaters fired by Solid Fuel					
Intended use	Solid fuel burning Space heaters					
Manufacturer	charnwood A.J.Wells & Sons Ltd., Bishops Way, Newport, Isle of Wight, PO30 5WS UK Tel +44 1983537770 www.charnwood.com					
System of assessment and verification of constancy of performance (CPR Annex V)	System 3 ISO9001:2015 Certified Certifying Authority:- SGS United Kingdom Ltd Systems & Services Certification Rossmore Business Park Ellesmere Port Cheshire CH65 3EN UK t+44 (0)151 350-6666 f +44(0)151 350-6600 www.sgs.com					
Performance against Harmonised Standards	BSEN13240:2001 + Amd 2:2004 PD6434:1969					
Appliance Model	Aire 3 Low	Aire 3 Store Stand	Aire 5 Low	Aire 5 Store Stand	Aire 7 Low	Aire 7 Store Stand
Test Report No.	40 20 5587	40 20 5587	61269	61269	40 20 5468	40 20 5468
EC Cert. of conformity No.	AAL44-CPD-2017	AA44-CPD-2017	ABL44-CPD-2017	AB44-CPD-2017	AC44-CPD-2017	ACL44-CPD-2017
Notified body	RRF	RRF	Kiwa Ltd	Kiwa Ltd	RRF	RRF
Notified body No.	1625	1625	0692	0692	1625	1625
Space heating thermal output (kW)	3.7	3.7	5	5	7	7
Fuel type:	Wood logs	Wood logs	Wood logs	Wood logs	Wood logs	Wood logs
Mean flue gas temperature (°C)	217	217	230	230	256	256
Energy efficiency (%)	86	86	84	84	82	82
Particles (mg/m³ @ 13 % O₂)	25	25	27	27	22	22
Emission of CO (% @ 13 % O₂)	0.07	0.07	0.09	0.09	0.08	0.08
OGC (mg/m³ @ 13 % O₂)	76	76	109	109	60	60
NOX (mg/m³ @ 13 % O₂)	103	103	114	114	109	109
Energy efficiency class	A+	A+	A+	A+	A+	A+
Exempted under section 21 of the Clean Air Act 1993	✓	✓	✓	✓	✓	✓
SIA ecodesign ready	✓	✓	✓	✓	✓	✓
Fulfilled requirements: BStV of the City of Munich and the City of Regensburg FBStVO of the City of Aachen and the City of Düsseldorf 1.and 2. level of 1. BImSchV of Germany	✓	✓	✓	✓	✓	✓
Minimum distance to combustible materials						
Single wall flue:						
Side:	310	310	350	350	420	420
Rear:	250	250	350	350	360	360
Insulated flue & heatshield:						
Side:	310	310	350	350	390	390
Rear:	100	100	100	100	110	110

DECLARATION

The performance of these products conforms to the declared performance.

This declaration of performance is issued under the sole responsibility of the manufacturer

Signed on behalf of the manufacturer

Paul Wells

Technical Director

Newport, Isle of Wight 6th August 2020

