DECLARATION OF PERFORMANCE

charnwood

pursuant to Annex III of Regulation (EU) No. 305/2011
No. AA200 - CPR - 2025 Rev A

1. Unique identification code of the product type: Aire 3 Store Stand, Roomheaters for solid fuel

2. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:
Space Heating in Residential Buildings (without water heating)

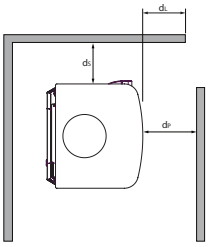
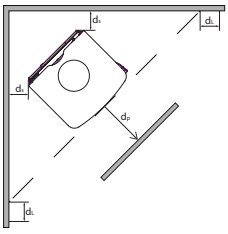
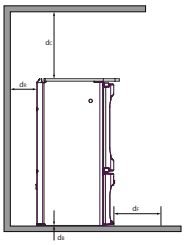
3. Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11(5):
Charnwood, A.J.Wells & Sons Ltd, Bishops Way, Newport, Isle of Wight, PO30 5WS, UK, Phone +44 (0) 1983 537770

4. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): – N/A

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: 3

6. The RRF notified test laboratory, identification number 1625, performed the initial test and inspection under System 3 and documented it in test report 40 20 5587

7. Declared performance:

Harmonised technical specification	**EN16510-1:2022 EN16510-2-1**	
Essential characteristics		
Mechanical strength and stability		
Chimney Load Capacity	120 kg	
Fire protection		
Protection of flammable materials; minimum distance to combustibles Distance under the fireplace d_B Distance from the floor to the front d_F Distance to ceiling d_C Distance to rear wall d_R Distance to side wall d_S Distance to the side wall in the radiation area d_L Minimum distance to neighbouring flammable materials (e.g. furniture) d_P Material type and material thickness of the thermal insulation s NPD - No Performance Determined	 Configuration 1  Configuration 2  Side view	

	1	2	3
safety test configuration	1	1	2
dB (mm)	0	0	0
dF (mm)	290	290	0
dC (mm)	750	750	750
dR (mm)	250	100	NPD
dS (mm)	280	310	130
dL (mm)	0	0	NPD
dP (mm)	700	700	700
s	0|0|0|0	0|0|0|0	0|0|0|0
Insulated flue	X	✓	✓
Heatshield (optional)	X	✓	✓

Hygiene, health and environmental protection		
Emissions (Threshold values)	**At nominal heat output**	**With partial load heat output**
Carbon monoxide emission (CO)	1500	NPD
Nitrogen emission (NO_X)	200	NPD
Emission of organic gaseous carbon (OGC)	120	NPD
Dust emissions (PM)	40	NPD

Safety and accessibility during use					
Data for installation on a chimney	Fuel 1	**At nominal heat output**	**With partial load heat output**	Fuel 2	**At nominal heat output**
Flue gas outlet temp. T_{snom}	T_{snom}	260	NPD	T_{snom}	NPD
Minimum flue draught P_{nom}	P_{nom}	12	NPD	P_{nom}	NPD
Flue gas mass flow rate ϕ_{fnom}	ϕ_{fnom}	3.1	NPD	ϕ_{fnom}	NPD

Data for installation on a chimney with regard to fire safety		
Fire safety for installation on the chimney	T400 - G	

Energy saving and thermal insulation					
Heat output and energy efficiency of the appliance	Fuel 1	**At nominal heat output**	**With partial load heat output**	Fuel 2	**At nominal heat output**
Room heating output P_{SHnom}	P_{SHnom}	4	NPD	P_{SHnom}	NPD
Water heat output P_{Nnom}	P_{Nnom}	NPD	NPD	P_{Nnom}	NPD
Efficiency η_{nom}	η_{nom}	87	NPD	η_{nom}	NPD

Room heating efficiency		
Seasonal space heating energy efficiency (at nominal heat output)	77	
Energy efficiency (EEI)	116	
Energy efficiency class	A+	
Power consumption at nominal heat output el_{max}	NPD	
Power consumption at partial load heat output	NPD	
Power consumption in standby mode el_{SB}	NPD	
Sustainable use of natural resources		
Ecological sustainability	NPD	

8. The performance of the above-mentioned product corresponds to the declared performance(s).

Only the manufacturer named above is responsible for generating the declaration of performance in accordance with EU regulation No. 305/2011.

Signed for and on behalf of the manufacturer by:

Paul Wells, Technical Director, Newport, Isle of Wight, 5.11.2025