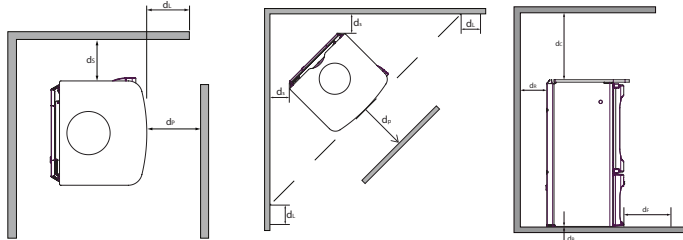


DECLARATION OF PERFORMANCE

pursuant to Annex III of Regulation (EU) No. 305/2011
No. AJL200 - CPR - 2025 Rev A

charnwood

1. Unique identification code of the product type: **Aire 300 Low 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 1021 25 1885
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		 Configuration 1Configuration 2Side view <table><tr><th></th><th>1</th><th>2</th><th>3</th></tr><tr><td>safety test configuration</td><td>1</td><td>1</td><td>2</td></tr><tr><td>dB (mm)</td><td>NPD</td><td>19</td><td>19</td></tr><tr><td>dF (mm)</td><td>430</td><td>430</td><td>430</td></tr><tr><td>dC (mm)</td><td>750</td><td>750</td><td>750</td></tr><tr><td>dR (mm)</td><td>180</td><td>100</td><td>NPD</td></tr><tr><td>dS (mm)</td><td>280</td><td>300</td><td>150</td></tr><tr><td>dL (mm)</td><td>0</td><td>0</td><td>0</td></tr><tr><td>dP (mm)</td><td>800</td><td>800</td><td>800</td></tr><tr><td>s</td><td>0 0 0 0</td><td>0 0 0 0</td><td>0 0 0 0</td></tr><tr><td>Insulated flue</td><td>X</td><td>✓</td><td>✓</td></tr><tr><td>Heatshield (optional)</td><td>X</td><td>X</td><td>X</td></tr></table>			1	2	3	safety test configuration	1	1	2	dB (mm)	NPD	19	19	dF (mm)	430	430	430	dC (mm)	750	750	750	dR (mm)	180	100	NPD	dS (mm)	280	300	150	dL (mm)	0	0	0	dP (mm)	800	800	800	s	0 0 0 0	0 0 0 0	0 0 0 0	Insulated flue	X	✓	✓	Heatshield (optional)	X	X	X
	1	2	3																																																
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Insulated flue	X	✓	✓																																																
Heatshield (optional)	X	X	X																																																
NPD - No Performance Determined																																																			
Hygiene, health and environmental protection																																																			
Emissions (Threshold values) Carbon monoxide emission (CO) Nitrogen emission (NO_x) Emission of organic gaseous carbon (OGC) Dust emissions (PM)		<table><tr><th></th><th>At nominal heat output</th><th>With partial load heat output</th></tr><tr><td>CO</td><td>1500</td><td>NPD</td></tr><tr><td>NO_x</td><td>200</td><td>NPD</td></tr><tr><td>OGC</td><td>120</td><td>NPD</td></tr><tr><td>PM</td><td>40</td><td>NPD</td></tr></table>			At nominal heat output	With partial load heat output	CO	1500	NPD	NO _x	200	NPD	OGC	120	NPD	PM	40	NPD																																	
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Safety and accessibility during use																																																			
Data for installation on a chimney Flue gas outlet temp. T_{snom} Minimum flue draught P_{nom} Flue gas mass flow rate ϕ_{nom}		<table><tr><th>Fuel 1</th><th>At nominal heat output</th><th>With partial load heat output</th></tr><tr><td>T_{snom}</td><td>214</td><td>208</td></tr><tr><td>P_{nom}</td><td>12</td><td>12</td></tr><tr><td>ϕ_{nom}</td><td>3.4</td><td>3.6</td></tr></table> <table><tr><th>Fuel 2</th><th>At nominal heat output</th></tr><tr><td>T_{snom}</td><td>NPD</td></tr><tr><td>P_{nom}</td><td>NPD</td></tr><tr><td>ϕ_{nom}</td><td>NPD</td></tr></table>		Fuel 1	At nominal heat output	With partial load heat output	T_{snom}	214	208	P_{nom}	12	12	ϕ_{nom}	3.4	3.6	Fuel 2	At nominal heat output	T_{snom}	NPD	P_{nom}	NPD	ϕ_{nom}	NPD																												
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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 Room heating output P_{SHnom} Water heat output P_{NHom} Efficiency η_{nom}		<table><tr><th>Fuel 1</th><th>At nominal heat output</th><th>With partial load heat output</th></tr><tr><td>P_{SHnom}</td><td>3.9</td><td>3.5</td></tr><tr><td>P_{NHom}</td><td>NPD</td><td>NPD</td></tr><tr><td>η_{nom}</td><td>87</td><td>86</td></tr></table> <table><tr><th>Fuel 2</th><th>At nominal heat output</th></tr><tr><td>P_{SHnom}</td><td>NPD</td></tr><tr><td>P_{NHom}</td><td>NPD</td></tr><tr><td>η_{nom}</td><td>NPD</td></tr></table>		Fuel 1	At nominal heat output	With partial load heat output	P_{SHnom}	3.9	3.5	P_{NHom}	NPD	NPD	η_{nom}	87	86	Fuel 2	At nominal heat output	P_{SHnom}	NPD	P_{NHom}	NPD	η_{nom}	NPD																												
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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 $e_{l,max}$		0.003																																																	
Power consumption at partial load heat output		0.003																																																	
Power consumption in standby mode $e_{l,sb}$		0.003																																																	
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