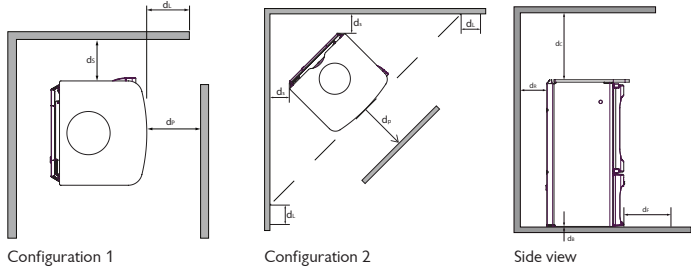


DECLARATION OF PERFORMANCE

pursuant to Annex III of Regulation (EU) No. 305/2011
No. AGL200 - CPR - 2025 Rev A

1. Unique identification code of the product type: **Aire 500 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 24 1580, 1021 24 2046

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><td></td><td>1</td><td>2</td><td>3</td></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>25</td><td>25</td></tr><tr><td>dF (mm)</td><td>400</td><td>400</td><td>400</td></tr><tr><td>dC (mm)</td><td>750</td><td>750</td><td>750</td></tr><tr><td>dR (mm)</td><td>250</td><td>150</td><td>NPD</td></tr><tr><td>dS (mm)</td><td>350</td><td>350</td><td>190</td></tr><tr><td>dL (mm)</td><td>0</td><td>0</td><td>0</td></tr><tr><td>dP (mm)</td><td>1000</td><td>900</td><td>900</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	25	25	dF (mm)	400	400	400	dC (mm)	750	750	750	dR (mm)	250	150	NPD	dS (mm)	350	350	190	dL (mm)	0	0	0	dP (mm)	1000	900	900	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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s	0 0 0 0	0 0 0 0	0 0 0 0																																																
Insulated flue	X	✓	✓																																																
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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><td></td><td>At nominal heat output</td><td>With partial load heat output</td></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><td>Fuel 1</td><td>At nominal heat output</td><td>With partial load heat output</td></tr><tr><td>T_{snom}</td><td>211</td><td>190</td></tr><tr><td>P_{nom}</td><td>12</td><td>9</td></tr><tr><td>ϕ_{nom}</td><td>4.8</td><td>4.9</td></tr></table>		Fuel 1	At nominal heat output	With partial load heat output	T_{snom}	211	190	P_{nom}	12	9	ϕ_{nom}	4.8	4.9	<table><tr><td>Fuel 2</td><td>At nominal heat output</td></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 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_{Nnom} Efficiency η_{nom}		<table><tr><td>Fuel 1</td><td>At nominal heat output</td><td>With partial load heat output</td></tr><tr><td>P_{Shnom}</td><td>5</td><td>4.2</td></tr><tr><td>P_{Nnom}</td><td>NPD</td><td>NPD</td></tr><tr><td>η_{nom}</td><td>87</td><td>84</td></tr></table>		Fuel 1	At nominal heat output	With partial load heat output	P_{Shnom}	5	4.2	P_{Nnom}	NPD	NPD	η_{nom}	87	84	<table><tr><td>Fuel 2</td><td>At nominal heat output</td></tr><tr><td>P_{Shnom}</td><td>NPD</td></tr><tr><td>P_{Nnom}</td><td>NPD</td></tr><tr><td>η_{nom}</td><td>NPD</td></tr></table>		Fuel 2	At nominal heat output	P_{Shnom}	NPD	P_{Nnom}	NPD	η_{nom}	NPD																										
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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 $e_{l,max}$		0.004																																																	
Power consumption at partial load heat output		0.003																																																	
Power consumption in standby mode $e_{l,sg}$		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