DECLARATION OF PERFORMANCE

charnwood

pursuant to Annex III of Regulation (EU) No. 305/2011
No. NRM200 - CPR - 2025 Rev A

1. Unique identification code of the product type: C-Five Duo, 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)

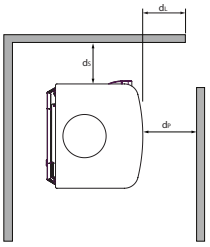
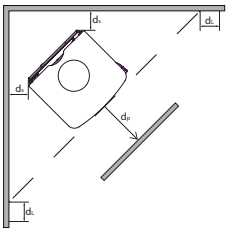
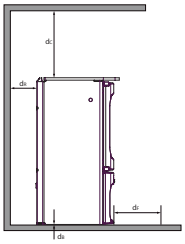
3. Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11(5):
Charnwood, A.J.Wells & Sons Ltd, Bishops Way, Newport, Isle of Wight, PO30 5WS, UK, Phone +44 (0) 1983 537770

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 KIWA notified test laboratory, identification number 558, performed the initial test and inspection under System 3 and documented it in test report 61548

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	NPD
dB (mm)	0	0	NPD
dF (mm)	500	NPD	NPD
dC (mm)	750	750	NPD
dR (mm)	500	300	NPD
dS (mm)	500	500	NPD
dL (mm)	0	NPD	NPD
dP (mm)	1100	1100	NPD
s	0|0|0|0	0|0|0|0	NPD
Insulated flue	X	✓	NPD
Heatshield (optional)	X	✓	NPD

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)

	At nominal heat output	With partial load heat output
CO	1500	NPD
NO_X	200	NPD
OGC	120	NPD
PM	40	NPD

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_{fnom}

Fuel 1	At nominal heat output	With partial load heat output
T_{snom}	269	NPD
P_{nom}	12	NPD
ϕ_{fnom}	4.1	NPD

Fuel 2	At nominal heat output
T_{snom}	281
P_{nom}	12
ϕ_{fnom}	4

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}

Fuel 1	At nominal heat output	With partial load heat output
P_{SHnom}	5.3	NPD
P_{Nnom}	NPD	NPD
η_{nom}	84	NPD

Fuel 2	At nominal heat output
P_{SHnom}	5.1
P_{Nnom}	NPD
η_{nom}	80.1

Room heating efficiency

Seasonal space heating energy efficiency (at nominal heat output)	74	
Energy efficiency (EEI)	112	
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