

Assessment of Performance Report n.1880-AoP-008-25

For the purposes of Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011T3 (the Construction products Regulation or CPR), this Assessment of Performance Report under AVCP system 3 applies to the construction products

DB70 DB60, DB70, DB80, DB90, NB-W2, NB-WS1, NB-WS2, NB-WS3, NB-WS4, NB-WS5, NB-WS5-01, NB-WS8, NB-WS8A

residential solid fuel burning appliances (roomheater) without hot water supply
placed on the market under the name or trademark of



This Assessment of Performance Report attests that the performance of the above-mentioned construction product has been assessed in accordance with the harmonized standard

EN 16510-2-1:2022

under AVCP system 3 with regard to the essential characteristics listed in Annex 1.

This Assessment of Performance Report has been drawn up in accordance with the GNB Position Paper NB-CPR 23/836 and covers only the essential characteristics listed in Annex 1. It is not an exhaustive statement of the performance of the product. The manufacturer is responsible for the Declaration of Performance of the product and can declare the performance of other essential characteristics than those mentioned above.

Basis of the assessment: Test report n. 1880-CPR-008-25.

This Assessment of Performance report is not considered a product certificate or a document to directly accompany neither the product nor the Declaration of Performance. See CPR Article 4(3).

This Assessment of Performance Report will remain applicable, under the manufacturer's responsibility, as long as neither the harmonised standard, the construction product, nor the AVCP methods are modified significantly.

March 21, 2025

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ANNEX 1

Essential characteristic	Performance	Basis for the assessment of performance
Mechanical resistance and stability		
Load bearing capacity	0 kg	declared by the manufacturer
Safety in case of fire		
Protection of combustible materials Minimum distance to combustible materials	bottom d _B 50 mm floor d _F 800 mm top d _C 750 mm rear d _R 40 mm rear d _R 50 mm (from pipe) side d _S 20 mm side d _L 800 mm front d _P 1550 mm	Test report n. 1880-CPR-008-25
Hygiene, health and the environment		
Emission of combustion products [ref. at 13% O ₂]:	at nominal heat output: CO 1377 mg/m ³ NOx 117 mg/m ³ OGC 87 mg/m ³ PM 40 mg/m ³	Test report n. 1880-CPR-008-25
Safety and accessibility in use		
Data for installation to a chimney at nominal heat output:		
Flue gas outlet temperature	347°C	Test report n. 1880-CPR-008-25
Minimum flue draught	12 Pa	
Flue gas mass flow	11,0 g/s	
Data for installation to a chimney regarding fire safety on safety test heat output:		
Fire safety of installation to a chimney	T400 G	declared by the manufacturer
Energy economy and heat retention		
Appliance's thermal output and energy efficiency at nominal heat output:		
Space heat output	10,3 kW	Test report n. 1880-CPR-008-25
Efficiency	76 %	
Space heating efficiency		
Seasonal space heating efficiency at appliance's nominal heat output	65 %	Test report n. 1880-CPR-008-25
Energy efficiency	EEl 99 class A	
Electric power consumption at appliance's nominal heat output, if existing	at nominal heat output 0,024 kW at part load heat output 0,000 kW while in standby mode 0.000 kW	
Sustainable use of natural resources		
Environmental sustainability	NPD	declared by the manufacturer