Assessment of Performance Report
n.1880-CPR-013-004-23

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR), this Assessment of Performance Report applies to the construction product

QBOX 70 AIR 8 M1

residential space heating appliance fired by wood pellets without hot water supply

placed on the market under the name or trademark of

MCZ GROUP S.P.A
VIA LA CROCE 8
33074 VIGONOVO DI FONTANAFREDDA (PN)
ITALY

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 14785:2006

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

This Assessment of Performance Report will remain applicable as long as neither the harmonized standard, the construction product, nor the AVCP methods are modified significantly.

November 15, 2023

Head of laboratory
dr.ssa Claudia Marcuzzi

Firmato digitalmente
da MARCUZZI
CLAUDIA
Data: 2023.11.15
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Cap. Soc. € 78.000,00 i.v. – Iscr. Reg. Impr. n. 00218610939 – Cod. Fisc. e P.IVA 00218610939

ANNEX 1

Essential characteristic	Performance	Basis for the assessment of performance
Reaction to fire	A1	declared by the manufacturer
Distance to combustible materials (minimum distance in mm)	Rear = 130 Sides = 80 Ceiling = 330 Floor = 0	Test report n. 1880-CPR013-001-23
Risk of burning fuel falling out	Pass	
Emission of combustion products [ref. at 13% O_2]:	at nominal heat output: CO [0,008 %] CO [98 mg/Nm^3] CO [67 mg/MJ] NOx [133 mg/Nm^3] NOx [89 mg/MJ] OGC [1 mg/Nm^3] OGC [1 mg/MJ] Particulate matter [15 mg/Nm^3] Particulate matter [10 mg/MJ] at reduced heat output: CO [0,014 %] CO [173 mg/Nm^3] CO [115 mg/MJ] NOx [109 mg/Nm^3] NOx [72 mg/MJ] OGC [1 mg/Nm^3] OGC [1 mg/MJ] Particulate matter [15 mg/Nm^3] Particulate matter [10 mg/MJ]	
Surface temperature	Pass	
Electrical safety	Pass	declared by the manufacturer
Cleanability	Pass	
Thermal output: Heat output	[7,9 kW] at nominal heat output [3,6 kW] at reduced heat output	Test report n. 1880-CPR013-23
Efficiency	η[90,2 %] nominal heat output η[92,5 %] at reduced heat output:	
Flue gas temperature	T[157 °C] nominal heat output T[89,0 °C] at reduced heat output	

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