Assessment of Performance Report
n.1880-AoP-103-22

For the purposes of 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 under AVCP system 3 applies to the construction products

Brand - Models:
MCZ – EIKO AIRMATIC 8 M1 CORE
MCZ – EIKO AIRMATIC 8 UP! M1 CORE

mechanically by wood pellets fed roomheater without boiler

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 16510-2-6:2022

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

Basis of the assessment: testing and issuing of Test report 1880-CPR-103TR-22.

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 in Annex 1.
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.

September 29, 2025

Head of laboratory
dr.ssa Claudia Marcuzzi

Firmato digitalmente da MARCUZZI CLAUDIA
Data: 2025.09.29 08:33:41 +02'00'

ACTECO s.r.l.- Via Amman, 41 – 33084 CORDENONS (PN) – Tel. 0434 / 43675-541343-43171 – www.acteco.it
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
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 0 mm floor in front d_F 400 mm top d_C 800 mm rear d_R 50 mm side d_S 100 mm side radiation d_L 600 mm front d_P 1000 mm	Test report n. 1880-CPR-103TR-22
Protection of combustible materials Thickness - type of protective insulation	-	
Hygiene, health and the environment		
Emission of combustion products [ref. at 13% O_2]:	at nominal – part load heat output: CO 74 – 93 mg/m^3 NOx 95 – 96 mg/m^3 OGC 1 – 1 mg/m^3 PM 12 – 8 mg/m^3	Test report n. 1880-CPR-103TR-22
Safety and accessibility in use		
Data for installation to a chimney at nominal – part load heat output:		
Flue gas outlet temperature	179 – 111,6 °C	Test report n. 1880-CPR-103TR-22
Minimum flue draught	10 – 5 Pa	
Flue gas mass flow	4,9 – 3 g/s	
Data for installation to a chimney regarding fire safety on safety test heat output:		
Fire safety of installation to a chimney	T200G	declared by the manufacturer
Energy economy and heat retention		
Appliance's thermal output and energy efficiency at nominal – part load heat output:		
Space heat output	8 – 2,9 kW	Test report n. 1880-CPR-103TR-22
Water heat output	- – - kW	
Efficiency	91,6 – 92 %	
Space heating efficiency		
Seasonal space heating efficiency at appliance's nominal heat output	89 %	Test report n. 1880-CPR-103TR-22
Energy efficiency	EEI 130 class A++	
Electric power consumption at appliance's nominal heat output	55 W	
Electric power consumption at appliance's part load heat output	9 W	
Standby mode power consumption	3 W	
Sustainable use of natural resources		
Environmental sustainability	NPD	declared by the manufacturer

ACTECO s.r.l.- Via Amman, 41 – 33084 CORDENONS (PN) – Tel. 0434 / 43675-541343-43171 – www.acteco.it
Cap. Soc. € 78.000,00 i.v. – Iscr. Reg. Impr. n. 00218610939 – Cod. Fisc. e P.IVA 00218610939