

## Assessment of Performance Report n.1880-AoP-101-22

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 NATURALMATIC 6 M1 CORE,**  
**MCZ – EIKO NATURALMATIC 6 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-101TR-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  
  
MARCUIZZI  
CLAUDIA  
Data: 2025.09.29  
14:46:17 +02'00'

## ANNEX 1

Essential characteristic	Performance	Basis for the assessment of performance
<b>Mechanical resistance and stability</b>		
Load bearing capacity	0 kg	declared by the manufacturer
<b>Safety in case of fire</b>		
Protection of combustible materials Minimum distance to combustible materials	bottom d <sub>B</sub> 0 mm floor in front d <sub>F</sub> 400 mm top d <sub>C</sub> 800 mm rear d <sub>R</sub> 50 mm side d <sub>S</sub> 100 mm side radiation d <sub>L</sub> 600 mm front d <sub>P</sub> 1000 mm	Test report n. 1880-CPR-101TR-22
Protection of combustible materials Thickness - type of protective insulation	-	
<b>Hygiene, health and the environment</b>		
Emission of combustion products [ref. at 13% O <sub>2</sub> ]:	at nominal – part load heat output: CO 79 – 93 mg/m <sup>3</sup> NO <sub>x</sub> 94 – 96 mg/m <sup>3</sup> OGC 1 – 1 mg/m <sup>3</sup> PM 14 – 8 mg/m <sup>3</sup>	Test report n. 1880-CPR-101TR-22
<b>Safety and accessibility in use</b>		
Data for installation to a chimney at nominal – part load heat output:		
Flue gas outlet temperature	172 – 111,6 °C	Test report n. 1880-CPR-101TR-22
Minimum flue draught	10 – 5 Pa	
Flue gas mass flow	4,4 – 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
<b>Energy economy and heat retention</b>		
Appliance's thermal output and energy efficiency at nominal – part load heat output:		
Space heat output	6 – 2,9 kW	Test report n. 1880-CPR-101TR-22
Water heat output	- - - kW	
Efficiency	91,1 – 92 %	
Space heating efficiency		
Seasonal space heating efficiency at appliance's nominal heat output	89 %	Test report n. 1880-CPR-101TR-22
Energy efficiency	EEI 130	
	class A++	
Electric power consumption at appliance's nominal heat output	14 W	
Electric power consumption at appliance's part load heat output	9 W	
Standby mode power consumption	3 W	
<b>Sustainable use of natural resources</b>		
Environmental sustainability	NPD	declared by the manufacturer