

Assessment of Performance Report ***n.1880-CPR-085-005-19***

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

PLASMA B95 WOOD

**residential space heating appliance fired by wood pellets without hot water supply
inset appliance or open fire without hot water supply**

placed on the market under the name or trademark of

**MCZ GROUP S.P.A
VIA LA CROCE 8,
33074 VIGONOVÒ 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 13229:2001/A2:2004/AC:2007

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.

February, 13 2020

Head of Test Laboratory
Dr. Claudia Marcuzzi

The results of the tests relate only to the tested appliance.
This test report shall not be reproduced except in full, without written approval of the laboratory.
The appliance was returned to the manufacturer after the end of tests.
All data is stored for 10 years
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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 = 1200 mm Sides = 10+6 cm iso	Test report n. 1880-CPR-088-001-19
Risk of burning fuel falling out	Pass	
Emission of combustion products [ref. at 13% O ₂]:	at nominal heat output: CO [1185 mg/Nm ³] CO [0,095%] NO _x [109 mg/Nm ³] OGC [35 mg/Nm ³] Particulate matter [12 mg/Nm ³]	
Surface temperature	Pass	
Electrical safety	Pass	declared by the manufacturer
Cleanability	Pass	
Thermal output: Heat output	[18,6 kW] at nominal heat output	Test report n. 1880-CPR-088-001-19
Efficiency	η[77,2 %] nominal heat output	
Flue gas temperature	T[303 °C] nominal heat output	declared by the manufacturer