

Assessment of Performance Report

n.1880-CPR-075-004-22

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

Trademark: MCZ	Trademark: MCZ
LOW 8	LOW 10
HALO AIR 8 M2	EGO COMFORT AIR 10 M3*
HALO AIR 8 UP! M2	EGO COMFORT AIR 10 UP! M3*
CURVE COMFORT AIR8 M2*	STAR COMFORT AIR 10 M3*
MOOD COMFORT AIR 8 M2*	STAR COMFORT AIR 10 UP! M3*
EGO AIR 8 M3	FLOW COMFORT AIR 10 M2*
EGO AIR 8 UP! M3	SUITE AIR 10 M3
EGO AIR 8 XUP! M3	SUITE AIR 10 UP! M3
STAR AIR 8 M3	CLUB AIR 10 M3
STAR AIR 8 UP! M3	CLUB AIR 10 UP! M3
Trademark: SERGIO LEONI	MUSA AIR10 M3
MARIA SOFIA PV 8 M2	MUSA AIR 10 UP! M3
MARLENE TONDA PV 8 M2	TEIA COMFORT AIR 10 S2*
Trademark: RED	TEIA COMFORT AIR 10 UP! S2*
MINTA AIR 8 S2	Trademark: SERGIO LEONI
	MARLENE PC 10 SS M2*
	SISSY PC 10 SS M2*
	Trademark: RED
	MALVA MULTIAIR 10 S2*
	ASTER 10 MULTIAIR XUP! S1*

*REAR HEATING AIR MODELS

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 30, 2022

Head of laboratory
dr.ssa Claudia Marcuzzi

A handwritten signature in cursive script, appearing to read "Claudia Marcuzzi".

Firmato
digitalmente da
MARCUZZI
CLAUDIA
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ANNEX 1

LOW 8

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 = 40 – 120* Sides = 100 – 200* Floor = 0	declared by the manufacturer Test report n. 1880-CPR 075-001-22
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 [142 mg/Nm ³] NOx [95 mg/MJ] OGC [1 mg/Nm ³] OGC [1 mg/MJ] Particulate matter [17 mg/Nm ³] Particulate matter [11 mg/MJ] at reduced heat output: CO [0,014%] CO [170 mg/Nm ³] CO [113 mg/MJ] NOx [100 mg/Nm ³] NOx [67 mg/MJ] OGC [1 mg/Nm ³] OGC [1 mg/MJ] Particulate matter [14 mg/Nm ³] Particulate matter [10 mg/MJ]	
Surface temperature	Pass	declared by the manufacturer
Electrical safety	Pass	
Cleanability	Pass	
Thermal output: Heat output	[8,1kW] at nominal heat output [3,5 kW] at reduced heat output	declared by the manufacturer Test report n. 1880-CPR 075-22
Efficiency	η[90,9%] nominal heat output η[91,5%] at reduced heat output:	
Flue gas temperature	T[188° C] nominal heat output T[108° C] at reduced heat output	

*REAR HEATING AIR MODELS

LOW 10

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 = 40 – 120* Sides = 100 – 200* Floor = 0	declared by the manufacturer Test report n. 1880-CPR 075-001-22
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 [141 mg/Nm ³] NOx [94 mg/MJ] OGC [2 mg/Nm ³] OGC [1 mg/MJ] Particulate matter [18 mg/Nm ³] Particulate matter [12 mg/MJ] at reduced heat output: CO [0,014 %] CO [170 mg/Nm ³] CO [113 mg/MJ] NOx [100 mg/Nm ³] NOx [67 mg/MJ] OGC [1 mg/Nm ³] OGC [1 mg/MJ] Particulate matter [14 mg/Nm ³] Particulate matter [10 mg/MJ]	
Surface temperature	Pass	declared by the manufacturer
Electrical safety	Pass	
Cleanability	Pass	
Thermal output: Heat output	[10 kW] at nominal heat output [3,5 kW] at reduced heat output	declared by the manufacturer Test report n. 1880-CPR 075-22
Efficiency	η[90,4%] nominal heat output η[91,5%] at reduced heat output:	
Flue gas temperature	T[212°C] nominal heat output T[108°C] at reduced heat output	

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