

Assessment of Performance Report *n.1880-CPR-064-013-22*

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

MUSA COMFORT AIRMATIC 12R M3 CORE
SUITE COMFORT AIRMATIC 12R M3 CORE
CLUB COMFORT AIRMATIC 12R M3 CORE

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.

May 14, 2024

Head of laboratory
dr.ssa Claudia Marcuzzi

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 = 120 Sides = 250 Floor = 0 | Test report n. 1880-CPR 064-012-22 declared by the manufacturer |
| Risk of burning fuel falling out | Pass | |
| Emission of combustion products [ref. at 13% O ₂]: | at nominal heat output: CO [0,006%] CO [73 mg/Nm ³] CO [50 mg/MJ] NOx [95 mg/Nm ³] NOx [63 mg/MJ] OGC [1 mg/Nm ³] OGC [1 mg/MJ] Particulate matter [10 mg/Nm ³] Particulate matter [6 mg/MJ] at reduced heat output: CO [0,008 %] CO [95 mg/Nm ³] CO [65 mg/MJ] NOx [86 mg/Nm ³] NOx [57 mg/MJ] OGC [1 mg/Nm ³] OGC [1 mg/MJ] Particulate matter [10 mg/Nm ³] Particulate matter [6 mg/MJ] | |
| Surface temperature | Pass | |
| Electrical safety | Pass | declared by the manufacturer |
| Cleanability | Pass | |
| Thermal output: Heat output | [12,0 kW] at nominal heat output [5,0 kW] at reduced heat output | Test report n. 1880-CPR 064-012-22 declared by the manufacturer |
| Efficiency | η [88,0 %] nominal heat output η [93,8 %] at reduced heat output: | |
| Flue gas temperature | T[162 °C] nominal heat output T[92°C] at reduced heat output | |