

DECLARATION OF PERFORMANCE
According to Regulation (EU) 305/2011
№ CPR 564/ 15.09.2026

1. Unique identification code of the product type: **ZVEZDA MF 22, MF 10, MF CERAMIC, MF 10 ST.**
2. Purpose: **A device without a boiler, with manual combustion control, designed to operate with the door closed for heating domestic premises using solid fuel /dry wood/.**
3. Manufacturer: **"VS-METAL COMPANY" AD, Lukovit, 1 Gurko Street, Bulgaria.**
4. Authorized representative: **"VS-METAL COMPANY" AD**
5. System of assessment of constancy of performance: **System 3
EN 16510-2-1:2023; EN 16510-1:2023**
6. Notified body:
Number and date of test report: **CPR 21 - NB 1837
Testing: CPR 564/15.09.2026**

7. Declared performance characteristics:

Harmonized standard EN 16510-2-1:2023 ; EN 16510-1:2023		
Main features		Performance characteristics
Fire safety		
Reaction to fire		A1
Distance to combustible materials		Minimum distances in mm:
- Back / Sides / From below / Front	(d _R)	500mm. /500mm./ 500mm./ 800mm.
- in the lower anterior radiation zone	(d _F)	1500
- in the lateral anterior radiation zone	(d _L)	1500
- under the bottom	(d _B)	100
Risk of burning fuel spilling		Responds
Emissions of combustion products at nominal heat output 13% O ₂		
Carbon monoxide emissions (CO)		1056 mg/m ³
Nitrogen oxide emissions (NO _x)		126 mg/Nm ³
Organic gaseous carbon emissions (OGC)		54 mg/Nm ³
Particulate matter emissions (PM)		27 mg/Nm ³
Surface temperature		Responds
Electrical safety		-
Cleaning ability		Responds
Flue gas temperature at nominal power		T = 268 °C
Mechanical resistance (for carrying a chimney/flue)		NPD
Nominal heat output		11.1 kW
Heating capacity per room		11.1 kW
Energy efficiency index		102 – Class A
Energy efficiency at nominal heat output		η = 76 %
Seasonal energy efficiency		η = 67 %

8. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3.

15.09.2026

Executive Director: V. Vatov

