DECLARATION OF PERFORMANCE

According to Regulation (EU) 305/2011

№ 13/02/2026

1. Unique identification code of the product type: **ZVEZDA 1 EKO, 1 K EKO, 1 EKO E, AMIGO 1 EKO, 1 EKO KUPOL, 1 EKO 20, 1 K EKO E with representative ZVEZDA 1 EKO**

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 520/13.02.2026

7. Declared performance characteristics:

Harmonized standard EN 16510-2-1:2022 ; EN 16510-1:2022		
Main features		Performance characteristics
Fire safety		
Reaction to fire		A1
Distance to combustible materials		Minimum distances in mm:
- Back / Sides / Top / Front	(d_R)	500mm. /500mm./ 750mm./ 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% O2		
Carbon monoxide emissions (CO)		1187 mg/m^3
Nitrogen oxide emissions (NOx)		118 mg/Nm^3
Organic gaseous carbon emissions (OGC)		92 mg/Nm^3
Particulate matter emissions (PM)		35 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		6.9 kW
Heating capacity per room		6.9 kW
Energy efficiency index		103 – Class A
Energy efficiency at nominal heat output		η = 77 %
Seasonal energy efficiency		η = 68 %

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.

13.02.2026

Executive Director: V. Vatov

ВС-МЕТАЛ КЪМПАНИ-АД
Metal Compani Co
Lukovit
гр. ЛУКОВИТ