

„VS METAL COMPANY“ AD
Lukovit town, 1 „Gurko“ street
According regulations /EU/ 2015/1186 BSS EN 13240:2006
CE 2608 CE Conformity marking - 2022

DECLARATION OF PERFORMANCE

№ CPR 2022-11-06

The undersigned Vlatko Vlatov, Executive manager of „VS METAL COMPANY“ AD,
Declare on my own responsibility, that the fireplace on solid fuel „ZVEZDA“ 1 EKO was
manufactured in „VS METAL COMPANY“ AD in conditions of maintained in-house control of
production and in compliance to BSS standard of safety BSS 13240:2006. Assessment of the
compliance is made and certified through the procedures for assessment of compliance SYSTEM
3 and on the grounds the test protocol NB 2608-204-2022, issued by notification authority
„TERMOPLAM“ LLC with notification No. NB 2608 of European Commission register.

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|---|---|
| 1. Unique identification code of product type | - Family of solid fuel heating devices, including the following models: 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. Envisaged use in compliance harmonized technical specification | - Freestanding fireplaces for heating of accommodation spaces, using wood. |
| 3. Name and contact address of manufacturer. | - „VS METAL COMPANY“ AD, Lukovit town, 1 „Gurko“ street, Bulgaria |
| 4. Authorised representative. | - „VS METAL COMPANY“ AD |
| 5. Conformity assessment system of the performance Indexes. | - System 3 |
| 6. Notified authority: /test report/ | According Annex 1186/2015 of EU |
| 7. Declared performance indexes: | - „TERMOPLAM“ LLC-NB 2608-204-2022 |
| Characteristics: | - EN 13240:2006 |
| Fire safety: | - Performance: |
| Distance from inflammable materials | - Comply |
| Reaction to fire | - front 501mm Sides 501mm rear 501mm |
| Fire hazards due to drop out of fuel: | - A1 |
| Possibility for cleaning: | - Comply |
| Emissions of products for burning (at 13% O ₂) | - Comply |
| Nominal heat power | - CO - 1187 mg/Nm ³ |
| | - PM - 35 mg/Nm ³ |
| | - OGCs - 92 mg/Nm ³ |
| | - NOx - 118 mg/Nm ³ |
| | - CO - 0.0950 % |
| Flue gas temperature measurement at nominal heat power | - 289.9 C |
| Mechanical damage resistance (to support chimney / flue pipe) | - HD |
| Heat power / Energy efficiency: | - Comply |
| Total heat output: | - 6.7 Kw |
| -Nominal heat output of water heater: | - Kw |
| -Space heat output: | - 6.7 Kw |
| -Efficiency at nominal power: | - 75.2 % |
| -Seasonal energy efficiency: | - 66.2 % |
- Performances of the product shown in p.1 and 2 correspond to Declared performance indexes in p. 7.
This Declaration for Performance was issued entirely on the responsibility of manufacturer, shown in p.4.

Executive manager: V. Vlatov
town 06.11.2022

