

„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 2022-10-12

The undersigned Vlatko Vlatkov, Executive manager of „VS METAL COMPANY“ AD, Declare on my own responsibility, that the fireplace on solid fuel „ZVEZDA“ MF 22 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 2608-198-2022, issued by notification authority „TERMOPLAM“ LLC with notification No. NB 2608 of European Commission register.

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| 1. Unique identification ode of product type | - Family of solid fuel heating devices, including the following models: ZVEZDA MF, MF 10, MF CERAMIC, MF 10 ST with representative ZVEZDA MF 22 |
| 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 2608-198-2022 |
| Characteristics: | - EN 13240:2006 |
| Fire safety: | - Performance: |
| Distance from inflammable materials | - Comply |
| Reaction to fire | - front 500mm Sides 500mm rear 500mm |
| Fire hazards due to drop out of fuel: | - A1 |
| Possibility for cleaning: | - Comply |
| Emissions of products for burning (at 13% O2) | - Comply |
| Nominal heat power | - Comply |
| | - CO - 1156 mg/Nm ³ |
| | - PM - 33 mg/Nm ³ |
| | - OGCs - 109 mg/Nm ³ |
| | - NOx - 129 mg/Nm ³ |
| | - CO - 0.0925 % |
| Flue gas temperature measurement at nominal heat power | - 256.7 C |
| Mechanical damage resistance (to support chimney / flue pipe) | - HD |
| Heat power / Energy efficiency: | - Comply |
| Total heat output: | - 10.9 Kw |
| -Nominal heat output of water heater: | - Kw |
| -Space heat output: | - 10.9 Kw |
| -Efficiency at nominal power: | - 75.0 % |
| -Seasonal energy efficiency: | - 66.0 % |

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. Vlatkov
Lukovit town 12.10.2022

