

„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.

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% O₂)

- Comply

Nominal heat power

- Comply

- CO - 1187 mg/Nm³

- PM - 35 mg/Nm³

- OGCs - 92 mg/Nm³

- NO_x - 118 mg/Nm³

- 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:

- 6.9 Kw

-Nominal heat output of water heater:

- Kw

-Space heat output:

- 6.9 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

