# DECLARATION OF PERFORMANCE

**according to Regulation (EU) 305/2011**

**№ 006 - CPR - 2025**

1. Unique identification code of the product-type: Code 27
**ARIA**
Roomheaters fired by solid fuel –
(EN 16510-2-1:2022 „Residential solid fuel burning appliances - Part 2-1: Roomheaters”

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): Serial № see ce marking.

3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer: Appliance without hot water boiler, with manual control of burning, designed to work with a closed door for heating of domestic premises.

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5): **„Smederevac” d.o.o.,**
„Djure Strugara” 20, 11300 Smederevo, Serbia
E-mail : office@smederevac.com

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): -

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: System 3

7. In case of the declaration of performance concerning a construction product covered by a harmonized standard: **Kontrol 94 Ltd.**
**Notified body: NB 1879**
The notified laboratory performed the determination of product type on the basis of type testing under system 3 and issued test report **1879-AoP-CPR-0008/29.09.2025**
TEST REPORT: **NB 1879-ITT-0008 / 29.09.2025**

8. Declared performance:

| **Harmonized technical specification EN 16510-2-1:2022 and EN 16510-1:2022** | | | |
|---|---|---|---|
| **Essential characteristics** | | **Performance** | |
| **Fire safety** | | | |
| Reaction to fire | | A1 | |
| Distance to combustible materials | | Minimum distances in mm: | |
| - from the rear wall | **($d_R$)** | 600 | |
| - from the side wall | **($d_S$)** | 500 | |
| - from the top | **($d_C$)** | 850 | |
| - from the front | **($d_P$)** | 800 | |
| - in bottom front radiation area | **($d_F$)** | 500 | |
| - in side front radiation area | **($d_L$)** | 800 | |
| - below the bottom | **($d_B$)** | 40 concrete slabs | |
| Risk of burning fuel falling out | | Pass | |
| **Emission of combustion products at 13% $O_2$ nominal heat output** | | | |
| Carbon monoxide emissions **(CO)** | | 0,092 % | 1151 mg/Nm$^3$ |
| Nitrogen oxide emissions **($NO_x$)** | | 114 mg/Nm$^3$ | |
| Emissions of organic gaseous carbon **(OGC)** | | 108 mg/Nm$^3$ | |
| Particulate matter emissions **(PM)** | | 37 mg/Nm$^3$ | |
| **Surface temperature** | | Pass | |
| **Electrical safety** | | Pass | |
| **Clean ability** | | Pass | |
| **Maximum water operating pressure** | | NPD | |
| **Flue gas temperature at nominal heat output** | | T = 210 °C | |
| **Mechanical resistance ( to carry a chimney / flue )** | | NPD | |
| **Thermal output** | | | |
| Nominal heat output | | 8,0 kW | |
| Room heating output | | 8,0 kW | |
| Water heating output | | NDP | |
| **Energy efficiency at nominal heat output** | | η = 77,0 % | |

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4

Signed for and on behalf of the manufacturer by:

29.09.2025.
.....
Smederevo, Serbia

Manager: .....

DRUŠTVO SA OGRANIČENOM ODGOVORNOŠĆU Smederevac I SMEDEREVO