DECLARATION OF PERFORMANCE

according to Regulation (EU) 305/2011

№ 001 - CPR - 2025

1. Unique identification code of the product-type:

Code 27
ARES
Cookers – (EN 16510-2-3:2022 „Residential solid fuel burning appliances - Part 2-3: Cookers"
Serial № - see CE marking

2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

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.co

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

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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:
The notified laboratory performed the determination of product type on the basis of type testing under system 3 and issued test report

Kontrol 94 Ltd.
Notified body: NB 1879
Assessment of Performance Report with historical data: **1879-AoP-CPR-HD-0010 / 06.10.2025**
TEST REPORT: **NB 1879-K-16-2025 / 08.07.2025 and A-1879-ITT-0005 / 18.09.2025**

8. Declared performance:

Harmonized technical specification EN 16510-2-3:2022 and EN 16510-1:2022				
Essential characteristics		**Performance**		
Fire safety				
Reaction to fire		A1		
Distance to combustible materials			**without thermo-isolators**	**with thermo-isolators**
- from the rear wall	**(d_R)**	mm	400	150
- from the side wall	**(d_S)**	mm	400	0
- from the top	**(d_C)**	mm	1200	1200
- from the front	**(d_P)**	mm	800	800
- in bottom front radiation area	**(d_F)**	mm	500	500
- in side front radiation area	**(d_L)**	mm	500	500
- below the bottom	**(d_B)**	mm	0	0
- side radiation area of the hot plate	**(D)**	mm	-	500
- rear radiation area of the hot plate	**(C2)**	mm	-	400
Risk of burning fuel falling out		Pass		
Emission of combustion products at 13% O_2 nominal heat output				
Carbon monoxide emissions **(CO)**		0,090 %	1127 mg/Nm^3	
Nitrogen oxide emissions **(NO_x)**		112 mg/Nm^3		
Emissions of organic gaseous carbon **(OGC)**		111 mg/Nm^3		
Particulate matter emissions **(PM)**		34 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 = 172 °C		
Mechanical resistance (to carry a chimney / flue)		NPD		
Thermal output				
Nominal heat output		7,4 kW		
Room heating output		7,4 kW		
Water heating output		NDP		
Energy efficiency at nominal heat output		η = 78,4 %		

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:

06. 10. 2025
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Smederevo, Serbia

Manager: .....
/ .....