



Declaration of performance According to Regulation (EU) n.305/2011		n .00280325-004		
No	Information according to Regulation (EU) n.305/2011	Registration by the manufacturer		
1	Unique identification code of the product type	Code 27 - Verso Sophia Residential solid fuel burning appliances - roomheater		
2	Type, batch or serial number	Serial № - see the CE marking		
3	Intended use(s)	Roomheater fired by solid fuel without hot water supply, for intermittent burning with firedoor closed		
3	Name or registered trade mark of the manufacturer	Verso Engineering LTD Gorna Oryahovitsa – Bulgaria Str. Ivan Momchilov 4a – 5100 Tel. +359878700839		
4	Name and address of the authorized representative	-		
5	System of assessment and verification of constancy of performance	System 3		
6	Notified laboratory	Kontrol 94 LTD		
		Test report : 1879-K-07-2025 / 28.03.2025 Report (AoP) : 1879-AoP-HD- 0050/12.11.2025		
7	Harmonized technical specification	EN 16510-2-1:2022, EN 16510-1:2022		
8	Essential characteristics			
	Mechanical resistance and stability			
	Maximum load of a chimney the appliance max carry	m _{chim}	50	kg
	Safety in case of fire			
	Protection of combustible materials			
	Minimum distances to combustible materials - bottom	d _B	0	mm
	Minimum distances to combustible materials – floor in front	d _F	1500	mm
	Minimum distances to combustible materials - ceiling	d _C	800	mm
	Minimum distances to combustible materials - rear	d _R	600	mm
	Minimum distances to combustible materials - side	d _S	600	mm
	Minimum distances to combustible materials – side radiation area	d _L	1500	mm
	Minimum distances to combustible materials - front	d _P	2000	mm
	Material type and thickness of the protective insulation material	NPD		
	Hygiene, health and environment			
	Emissions at nominal (nom) and part load (part) heat output		nom	part
	Carbon monoxide emission	CO	907	- mg/m ³



	Nitrogen oxides emission	NO _x	91	-	mg/m ³
	Emission of organic gaseous carbon	OGC	95	-	mg/m ³
	Particulate matter emissions	PM	18	-	mg/m ³
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	Safety and accessibility in use				
	Data for installation to a chimney at nominal (nom) and part load (part) heat output	Nom	part		
	Flue gas outlet temperature	T _s	254	-	°C
	Minimum flue draught	p	12	-	Pa
	Flue gas mass flow	Φ _{f,g}	6,2	-	g/s
	Data for installation to a chimney regarding fire safety on safety test heat output				
	Fire safety of installation to the chimney	-	T400G		
	Energy economy and heat retention				
	Appliance's thermal output and energy efficiency at nominal (nom) and part load (part) heat output	Nom	part		
	Heat output	P	7	-	kW
	Space heat output	P _{SH}	7	-	kW
	Water heat output, if applicable	P _W	-	-	kW
	Efficiency	η	84	-	%
	Space heating efficiency				
	Seasonal space heating efficiency at nominal heat output	η _s	73,7	%	
	Energy Efficiency	Index (EEI)		111	
		Class		A+	
	Consumption of electrical auxiliary energy at nominal heat output	e _{l,max}	-	kW	
	Consumption of electrical auxiliary energy at part load heat output	e _{l,min}	-	kW	
	Consumption of electrical auxiliary energy at standby	e _{l,sb}	-	kW	
	Sustainable use of natural resources				
	Environmental sustainability	NPD			
9.	The performance of the product identified above is in conformity with the set of declared performance. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.				

28.03.2025 Gorna Oryahovitsa, Bulgaria	Georgi Ivanov
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