



DECLARATION OF PERFORMANCE
According to Regulation (EC) 305/2011

No: 0010/09.12.25

1.	Unique identification code of the product-type:	Residential space heating appliance fired by wood logs: DIANA ECO
2.	Intended use /es	Residential solid fuel burning appliances: Roomheaters
3.	Name, registered trade name or registered trade mark and contact address of the manufacturer:	TIM SISTEM d.o.o. Street Prva industrijska. No.9, Industrial area Nova Pazova 22 330 Nova Pazova, Serbia, e-mail: office@timsistem.rs
4.	Name and address of the authorised representative	-
5.	System of assessment and verification of constancy of performance of the construction:	System 3
6.	The notified test laboratory has performed the initial test according to system 3. Noti-fied body(ies)	Notified Body number : 1015 Test report number: 30-17512/T
7.	Harmonized standard:	EN 16510-1:2022, EN 16510-2-1:2023
8.	Essential characteristics:	

Mechanical resistance and stability

Maximum load of a chimney the appliance max carry	Mchim	0	kg
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Fire safety

Reaction to fire	A1 (According to EN 13501-1)
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Safety in case of fire

Minimum distances to combustible materials - bottom	dB	0	mm
Minimum distances to combustible materials - floor in front	dF	1500	mm
Minimum distances to combustible materials - ceiling	dC	>750	mm
Minimum distances to combustible materials - rear	dR	500	mm
Minimum distances to combustible materials - side	dS	800	mm
Minimum distances to combustible materials - side radiation area	dL	1500	mm
Minimum distances to combustible materials - front	dP	1500	mm

Hygiene, health and environment

Risk of burning fuel falling out	Pass
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Fuel type	Wood logs
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Emissions at nominal (nom) / part load (part) heat output (at 13% O ₂)		nominal	part load	
Carbon monoxide emission	CO	893	NPD	mg/m ³
Nitrogen oxides emission	Nox	127	NPD	mg/m ³
Emission of organic gaseous carbon	OGC	61	NPD	mg/m ³
Particulate matter emissions	Dust	30	NPD	mg/m ³

Information according to to Regulation (EU) n.305/2011	Registration by the manufacturer
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Safety and accessibility in use

Data for installation to a chimney at nominal (nom) and part load (part) heat output		nominal	part load	
Flue gas outlet temperature	T _s	323	NPD	°C
Minimum flue draught	p	12	NPD	Pa
Flue gas mass flow	Φ _{f,g}	3,6	NPD	g/s

Data for installation to a chimney regarding fire safety on safety test heat output				
Fire safety of installation to the chimney		Tclass	T400 G	
Energy economy and heat retention				
Appliance's thermal output and energy efficiency at nominal (nom) and part load (part) heat output		nominal	part load	
Heat output	P	5,1	NPD	kW
Space heat output	P _{SH}	5,1	NPD	kW
Water heat output, if applicable	P _w	-	NPD	kW
Efficiency	η	83,1	NPD	%
Space heating efficiency				
Seasonal space heating efficiency at nominal heat output		η_s	73,1	%
Energy Efficiency		Index (EEI)		111
		Class		A+
Consumption of electrical auxiliary energy at nominal heat output	e _{lmax}	/		kW
Consumption of electrical auxiliary energy at part load heat output	e _{lmin}	/		kW
Consumption of electrical auxiliary energy at standby	e _{lsb}	/		kW
Sustainable use of natural resources				
Environmental sustainability		NPD		
8. The performance of the product identified in points 1. and 2. is in conformity with the declared performance in point 7. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 3. Signed for and on behalf of the manufacturer by: Name: Ivan Stanković Place and date: Nova Pazova, 12.12.2025. Sugnature / Stamp : 				