

DECLARATION OF PERFORMANCE

according to Regulation (EU) 305/2011
N.DoP: 1084 - CRM - 03/09/2025

1. Unique identification code of the product-type:	LODI 10 Wi-Fi EN				
Models:	P94197x (Invicta) - 72410481xxI (CM)				
2. Intended uses:	Residencial space heating appliance fired by wood pellets without hot water supply				
3. Name, registered trade name or registered trade mark and contact address of the manufacturer:	INVICTA Zone Industrielle lieu-dit « la gravette » 08350 DONCHERY – FRANCE - Tél: +33 0324 277171				
5. System or systems of assessment and verification of constancy of performance of the construction product:					System 3 and 4
6. Notified body:	0051 - IMQ S.p.A.				
Test report number:	CS25-0121184-01				
7. Harmonised technical specification:	EN 16510-1:2022 / EN 16510-2-6:2022				
8. Essential characteristics:					
Mechanical resistance and stability					
Maximum load of a chimney the appliance max carry	mchim	20	kg		
Safety in case of fire - Protection of combustible materials					
Minimum distance to combustible materials - bottom	dB	0	mm		
Minimum distance to combustible materials - front floor	dF	1500	mm		
Minimum distance to combustible materials - ceiling	dC	750	mm		
Minimum distance to combustible materials - rear	dR	200	mm		
Minimum distance to combustible materials - side	dS	400	mm		
Minimum distance to combustible materials - lateral radiation	dL	1500	mm		
Minimum distance to combustible materials - frontal radiation	dP	2000	mm		
Thickness of protective insulating material	s	0	mm		
Hygiene, health and the environment - Emission of combustion products					
		nom		part	
Carbon Monoxide emission (CO at 13% O ₂)	CO	78	mg/Nm ³	289	mg/Nm ³
Nitrogen Oxides emission (NO _x at 13% O ₂)	NO _x	143	mg/Nm ³	126	mg/Nm ³
Emission of Organic Gaseous Compounds (OGC at 13% O ₂)	OCG	2	mg/Nm ³	18	mg/Nm ³
Particulate Matter emission (PM at 13% O ₂)	PM	5	mg/Nm ³	10	mg/Nm ³
Safety and accessibility in use - Data for installation to a chimney					
		nom		part	
Flue gas outlet temperature	T _s	251	°C	116	°C
Minimum flue draught	p	5	Pa	4	Pa
Flue gas mass flow	Φ _{f,g}	6,8	g/s	2,5	g/s
Fire safety of installation to the chimney - Flue temperature class	Tclass	T200G			
Energy economy and heat retention - Heat output, efficiency and space heating efficiency					
		nom		part	
Heat output	P	9,5	kW	3,0	kW
Space heat output	PSH	9,5	kW	3,0	kW
Water heat output, if applicable	PW	0,0	kW	0,0	kW
Efficiency	η	88,0	%	94,0	%
Seasonal space heating efficiency at nominal heat output	η _s	85	%		
Energy efficiency index	EEI	125	-		
Energy efficiency class	Class				
Consumption of electrical auxiliary energy at nominal heat output	elmax	0,058	kW		
Consumption of electrical auxiliary energy at part load heat output	elmin	0,031	kW		
Consumption of electrical auxiliary energy at standby	eISB	0,002	kW		
Sustainable use of natural resources					
Environmental sustainability	NDP				
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.					
Signed for and on behalf of the manufacturer by				Signature	
Contact Person	Function	Date	Place		
ing. Andrea Tezza	Technical Manager	03/09/2025	Vivier-au-Court		