

# DECLARATION OF PERFORMANCE

according to Regulation (EU) 305/2011  
N.DoP: 1026 - CRM - 10/07/2025

1. Unique identification code of the product-type:		<b>LODI ETANCHE (2) 6 Wi-Fi SDC</b>				EN
Models:		P94194x (Invicta) - 72410541xxI (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:		<b>INVICTA</b> <b>Zone Industrielle lieu-dit « la gravette »</b> <b>08350 DONCHERY – FRANCE - Tél: +33 0324 277171</b>				
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:		CS25-0120231-01				
7. Harmonised technical specification:		EN 16510-1:2022 / EN 16510-2-6:2022				
8. Essential characteristics:						
<b>Mechanical resistance and stability</b>						
Maximum load of a chimney the appliance max carry		mchim	0	kg		
<b>Safety in case of fire - Protection of combustible materials</b>						
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	50	mm		
Minimum distance to combustible materials - side		dS	200	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		
<b>Hygiene, health and the environment - Emission of combustion products</b>						
		<b>nom</b>			<b>part</b>	
Carbon Monoxide emission (CO at 13% O <sub>2</sub> )		CO	150	mg/Nm <sup>3</sup>	300	mg/Nm <sup>3</sup>
Nitrogen Oxides emission (NO <sub>x</sub> at 13% O <sub>2</sub> )		NO <sub>x</sub>	113	mg/Nm <sup>3</sup>	121	mg/Nm <sup>3</sup>
Emission of Organic Gaseous Compounds (OGC at 13% O <sub>2</sub> )		OCG	3	mg/Nm <sup>3</sup>	7	mg/Nm <sup>3</sup>
Particulate Matter emission (PM at 13% O <sub>2</sub> )		PM	14	mg/Nm <sup>3</sup>	28	mg/Nm <sup>3</sup>
<b>Safety and accessibility in use - Data for installation to a chimney</b>						
		<b>nom</b>			<b>part</b>	
Flue gas outlet temperature		T <sub>s</sub>	126	°C	98	°C
Minimum flue draught		p	6	Pa	4	Pa
Flue gas mass flow		Φ <sub>f,g</sub>	5,6	g/s	4,5	g/s
Fire safety of installation to the chimney - Flue temperature class		Tclass	T200G			
<b>Energy economy and heat retention - Heat output, efficiency and space heating efficiency</b>						
		<b>nom</b>			<b>part</b>	
Heat output		P	6,4	kW	3,2	kW
Space heat output		PSH	6,4	kW	6,4	kW
Water heat output, if applicable		PW	0,0	kW	0,0	kW
Efficiency		η	92,0	%	92,0	%
Seasonal space heating efficiency at nominal heat output		η <sub>s</sub>	80	%		
Energy efficiency index		EEI	121	-		
Energy efficiency class		Class	A+	-		
Consumption of electrical auxiliary energy at nominal heat output		elmax	0,062	kW		
Consumption of electrical auxiliary energy at part load heat output		elmin	0,047	kW		
Consumption of electrical auxiliary energy at standby		e <sub>SB</sub>	0,002	kW		
<b>Sustainable use of natural resources</b>						
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	10/07/2025	Vivier-au-Court			