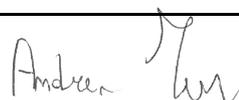


## DECLARATION OF PERFORMANCE

according to Regulation (EU) 305/2011  
N.DoP: 1101 - CRM - 02/12/2025

1. Unique identification code of the product-type:	<b>MELFI 8</b>					EN
Models:	P643714 (Invicta) - 6192312800I (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:	0476 - Kiwa Cermet Italia S.p.A.					
Test report number:	2013990					
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	650	mm			
Minimum distance to combustible materials - front floor	dF	0	mm			
Minimum distance to combustible materials - ceiling	dC	750	mm			
Minimum distance to combustible materials - rear	dR	300	mm			
Minimum distance to combustible materials - side	dS	250	mm			
Minimum distance to combustible materials - lateral radiation	dL	0	mm			
Minimum distance to combustible materials - frontal radiation	dP	1500	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	249	mg/Nm <sup>3</sup>	299	mg/Nm <sup>3</sup>	
Nitrogen Oxides emission (NO <sub>x</sub> at 13% O <sub>2</sub> )	NO <sub>x</sub>	199	mg/Nm <sup>3</sup>	199	mg/Nm <sup>3</sup>	
Emission of Organic Gaseous Compounds (OGC at 13% O <sub>2</sub> )	OCG	5	mg/Nm <sup>3</sup>	60	mg/Nm <sup>3</sup>	
Particulate Matter emission (PM at 13% O <sub>2</sub> )	PM	20	mg/Nm <sup>3</sup>	20	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>	188	°C	121	°C	
Minimum flue draught	p	9	Pa	8	Pa	
Flue gas mass flow	Φ <sub>f,g</sub>	6,3	g/s	5,0	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	8,4	kW	3,9	kW	
Space heat output	PSH	8,4	kW	3,9	kW	
Water heat output, if applicable	PW	0,0	kW	0,0	kW	
Efficiency	η	90,0	%	91,0	%	
Seasonal space heating efficiency at nominal heat output	η <sub>s</sub>	86	%			
Energy efficiency index	EEI	126	-			
Energy efficiency class	Class	A+	-			
Consumption of electrical auxiliary energy at nominal heat output	elmax	0,054	kW			
Consumption of electrical auxiliary energy at part load heat output	elmin	0,036	kW			
Consumption of electrical auxiliary energy at standby	eISB	0,003	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	02/12/2025	Vivier-au-Court			