

EU DECLARATION OF PERFORMANCE (EU305/2011)

In accordance with EN16510-2-6:2022

stuv

Product and manufacturer informations:

European standards

STÜV P20 B

Domestic wood pellet heating appliance without a hot water supply (wood pellet only)

Manufactured by:

Stuv s.a

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**Notified test laboratory:**

0051 - IMQ

Via Amman, 41, 33084 Cordenons PN Italy

Test report number: CS25-0114927-01

Document number: 25-1651026-01

System to assess and check the consistency of performance: 3

Hygiene, health and environment			Fire safety on safety test heat output			
at nominal heat output		at part load heat output	Reaction to fire			A1
			Surface temperature			Pass
Carbon monoxide emission (CO)	10 mg/Nm³	83 mg/Nm³	Fire risk after the fall of burning fuel			Pass
			Fire safety of installation of the chimney			T400 G
Nitrogen oxides emission (NOx)	99 mg/Nm³	90 mg/Nm³	Space heating efficiency			
			Seasonal space heating efficiency at nominal output		87,7 %	
Emission of organic gaseous carbon (OGC)	< 1 mg/Nm³	< 1 mg/Nm³	Energy efficiency	Energy efficiency index (EEI)	129	
				Energy efficiency class	A+	
Particulate matter emissions (PM)	5,1 mg/Nm³	7,3 mg/Nm³	Electric power consumption at nominal heat output		0,024 kW	
			Electric power consumption at part load heat output		0,023 kW	
Safety and accessibility in use			Power consumption in standby mode		0,004 kW	
Flue gaz outlet temperature	218 °C	112 °C	Sustainable use of natural resources			
			Environmental sustainability		NPD	
Minimum flue draught	0 Pa	0 Pa	Mechanical resistance and stability			
			Mechanical resistance (for the pipe to withstand)		NPD	
Flue gas mass flow	5,3 g/s	2,7 g/s	Max. water pressure when operating		n.a.	
Energy economy and heat retention			Load bearing capacity (ensure the floor is resistant enough to support the stove and its possible cladding; consult a specialist if in doubt)		NPD	
Space heat output	8,5kW	3,7 kW				
Water heat output	n.a.	n.a.	Electrical safety		Pass	
Efficiency	90,9%	91,1%	Cleaning capacity		Pass	
Minimum safety distances to adjacent combustible materials (following Triedron test assembly)						
		Total safety distance	Convection air space	Protective insulation (thermal conductivity of 0.105 W/m.K at 400°C)		
Rear	dR=	100mm	100mm	-		
Sides	dS=	100mm	100mm	-		
Front	dP=	700mm	700mm	-		
Floor in front	dF=	0mm	0mm	-		
Ceiling	dC=	750mm	750mm	-		
Bottom	dB=	0mm	0mm	-		
Side radiation area	dL=	450 mm	450 mm	-		

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 as follow:

Bois-de-Villers, 13 March 2025;

Gérard Pitance

Chief Executive and Founder

Jean-François Sidler

Managing Director and Chief Executive