

EU DECLARATION OF PERFORMANCE (EU305/2011)

In accordance with EN16510-1 & EN16510-2-6:2022

stuv

Product and manufacturer informations:

STÜV P20 S

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

Manufactured by:

Stuv s.a

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European standards



EN 14785: 2001/A2:2004/AC:2007

EN 16510-2-6 :2022

Notified test laboratory:

0051 - IMQ

Via Quintiliano, 43 20138 - MILANO

Document number: QA221478501

Test report number: 1880-CPR-086-22

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)	4 mg/Nm³	188 mg/Nm³	Fire risk after the fall of burning fuel			Pass
			Fire safety of installation of the chimney			T400 G
Nitrogen oxides emission (NOx)	89 mg/Nm³	60 mg/Nm³	Space heating efficiency			
			Seasonal space heating efficiency at nominal output		87.3 %	
Emission of organic gaseous carbon (OGC)	< 1 mg/Nm³	< 1 mg/Nm³	Energy efficiency	Energy efficiency index (EEI)	128	
				Energy efficiency class	A+	
Particulate matter emissions (PM)	6 mg/Nm³	3 mg/Nm³	Electric power consumption at nominal heat output		0,024 kW	
			Electric power consumption at part load heat output		0,026 kW	
Safety and accessibility in use			Power consumption in standby mode		0,004 kW	
Flue gaz outlet temperature	222.5 °C	141.1 °C	Sustainable use of natural resources			
			Environmental sustainability		NPD	
Minimum flue draught	2 Pa	1 Pa	Mechanical resistance and stability			
			Mechanical resistance (for the pipe to withstand)		NPD	
Flue gas mass flow	4.9 g/s	3.7 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	8.1 kW	3.7 kW				
Water heat output	n.a.	n.a.	Electrical safety		Pass	
Efficiency	90.3%	90.7%	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=	100 mm	100 mm	-		
Sides	dS=	100 mm	100 mm	-		
Ceiling	dC=	800 mm	800 mm	-		
Bottom	dB=	0 mm	0 mm	-		
Front	dP=	1000 mm	1000 mm	-		
Floor in front	dF=	0 mm	0 mm	-		
Side radiation area	dL=	1000 mm	1000 mm	-		

* The specified safety distances are valid ONLY for fully insulated flue ducts with an insulator having a thermal conductivity of 0.07 W/m.K at 400 °C and a 25mm thickness. For all other cases, refer to the applicable regulations.

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, October 28, 2025

Gérard Pitance

Chief Executive and Founder

Jean-François Sidler

Managing Director and Chief Executive