

EU DECLARATION OF PERFORMANCE

Regulation (EU) 305/2011 No. 0001 – CRP-2013/07/01

No.: 16

- | | | | |
|---------------------------------------|--|--------------------------------|---|
| 1. Identification | Pilar (All variants) | | |
| 2. Type | Room heater burning solid fuel without hot water supply | | |
| 3. Intended use | Domestic room heater | | |
| 4. Producent | RAIS A/S
Industrivej 20, Vangen
DK-9900 Frederikshavn,
Denmark | Telefon
Webmail
Homepage | +45 98 47 90 33
kundeservice@rais.dk
www.rais.com |
| 5. Authorised representative | - | | |
| 6. System of assessment (AVCP) | System 3 | | |
| 7. Approved Body | Danish Technological Institute - Identification no. 1235
Teknologiparken, Kongsvang Allé 29, DK-8000 Århus C, Denmark | | |
| Test reports | a. 300-ELAB-2401-EN | | |
| 8. Declared performance | Harmonized technical specification: | EN 16510-2-1:2022 | |

Essential characteristics			Performance
Fire safety			
Reaktion ved brand	A1		
Distance to combustible materials	d_R	From the back of the oven to the back wall	100 mm
	d_S	To side wall	500 mm
Minimum distances [mm] <i>For other installation or wall settings see installation guide</i>	d_C	From top of the appliance to the ceiling	385 mm
	d_P	Front/front of oven	850 mm
	$d_{B'}$	From bottom edge of door to floor	300 mm
Risk of burning fuel falling out	Pass		
OGC (13 % O ₂)	≤ 120	mg/Nm ³	
CO-emission of combustion products (13 % O ₂)	$\leq 0,12$	%	
	≤ 1500	mg/Nm ³	
NO _x (13 % O ₂)	≤ 200	mg/Nm ³	
Dust (13 % O ₂)	≤ 40	mg/Nm ³	
Surface temperature	Pass		
Electrical safety	NPD		
Cleanability	Pass		
Flue gas temperature at nominal heat output	T_S	311	°C
Mechanical resistance (to carry a chimney/flue)	m_{chim}	20	kg
Minimum flue draught	ρ	12	Pa
Flue gas mass flow	$\phi_{f,g}$	4.6	g/s
Chimney designation	T_{class}	T400 G	
Thermal output			
Nominal heat output	P	5.2	kW
Room heating output	P_{SH}	5.2	kW
Energy efficiency	η	≥ 75	%
Seasonal efficiency	η_s	≥ 65	%
Energy efficiency index	EEl	107	Class A+
Environmental sustainability	ESI	NPD	

- 9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.**

Signed for and on behalf of the manufacturer by:

John Engell Nielsen, R&D / Quality Manager

Place FREDERIKSHAVN, DENMARK

Date 02-10-2025


 Signature