

## EU DECLARATION OF PERFORMANCE

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

**No.: 10**

- |                                       |  |   |  |
|---------------------------------------|--|---|--|
| <b>1. Identification</b>              | Nexo (All variants)  |   |  |
| <b>2. Type</b>                        | Room heater burning solid fuel without hot water supply  |   |  |
| <b>3. Intended use</b>                | Domestic room heater   |   |  |
| <b>4. Producent</b>                   | RAIS A/S<br>Industrivej 20, Vangen<br>DK-9900 Frederikshavn,<br>Denmark  | Telefon<br>Telefax<br>Webmail<br>Homepage | +45 98 47 90 33<br>+45 98 47 92 91<br>kundeservice@rais.dk<br>www.rais.com |
| <b>5. Authorised representative</b>   | -  |   |  |
| <b>6. System of assessment (AVCP)</b> | System 3   |   |  |
| <b>7. Approved Body</b>               | Danish Technological Institute - Identification no. 1235<br>Teknologiparken, Kongsvang Allé 29, DK-8000 Århus C, Denmark |   |  |
| <b>Test reports</b>                   | a. 300-ELAB-2324-EN  |   |  |
| <b>8. Declared performance</b>        | Harmonized technical specification:  | EN 16510-2-1:2022                         |  |

Essential characteristics			Performance	
Fire safety			Models without side windows	Models with side windows
Reaktion ved brand	A1			
Distance to combustible materials	$d_R$	From the back of the oven to the back wall	100 mm	100 mm
	$d_S$	To side wall	350 mm	450 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	400 mm	400 mm
	$d_P$	Front/front of oven	900 mm	800 mm
	$d_{B'}$	From bottom edge of door to floor	210 mm	210 mm
Risk of burning fuel falling out	Pass			
OGC (13 % O <sub>2</sub> )	$\leq 120$		mg/Nm <sup>3</sup>	
CO-emission of combustion products (13 % O <sub>2</sub> )	$\leq 0,12$		%	
	$\leq 1500$		mg/Nm <sup>3</sup>	
NO <sub>x</sub> (13 % O <sub>2</sub> )	$\leq 200$		mg/Nm <sup>3</sup>	
Dust (13 % O <sub>2</sub> )	$\leq 40$		mg/Nm <sup>3</sup>	
Surface temperature	Pass			
Electrical safety	NPD			
Cleanability	Pass			
Flue gas temperature at nominal heat output	$T_S$	328	°C	
Mechanical resistance (to carry a chimney/flue)	$m_{chim}$	20	kg	
Minimum flue draught	$p$	12	Pa	
Flue gas mass flow	$\dot{m}_{f,g}$	5.2	g/s	
Chimney designation	$T_{class}$	T400 G		
<b>Thermal output</b>				
Nominal heat output	$P$	5.8	kW	
Room heating output	$P_{SH}$	5.8	kW	
Energy efficiency	$\eta$	$\geq 75$	%	
Seasonal efficiency	$\eta_s$	$\geq 65$	%	
Energy efficiency index	EEI	106	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** 21-08-2025

  
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 Signature