

# UK DECLARATION OF PERFORMANCE

**Regulation (EU) 305/2011 No. 0001 — CPR-2013/07/01**

**No.: 10**

Nexo 100 - Manual / Nexo 100 - Clever Air / Nexo 100 Classic - Manual / Nexo 100 Classic - Clever Air  
 Nexo 120 - Manual / Nexo 120 - Clever Air / Nexo 120 Classic - Manual / Nexo 120 Classic - Clever Air  
 Nexo 140 - Manual / Nexo 140 - Clever Air / Nexo 140 Classic - Manual / Nexo 140 Classic - Clever Air  
 Nexo 160 - Manual / Nexo 160 - Clever Air / Nexo 160 Classic - Manual / Nexo 160 Classic - Clever Air  
 Nexo 185 - Manual / Nexo 185 - Clever Air / Nexo 185 Classic - Manual / Nexo 185 Classic - Clever Air  
 Sideglass Models  
 Nexo 100 - Manual / Nexo 100 - Clever Air / Nexo 100 Classic - Manual / Nexo 100 Classic - Clever Air  
 Nexo 120 - Manual / Nexo 120 - Clever Air / Nexo 120 Classic - Manual / Nexo 120 Classic - Clever Air  
 Nexo 140 - Manual / Nexo 140 - Clever Air / Nexo 140 Classic - Manual / Nexo 140 Classic - Clever Air  
 Nexo 160 - Manual / Nexo 160 - Clever Air / Nexo 160 Classic - Manual / Nexo 160 Classic - Clever Air  
 Nexo 185 - Manual / Nexo 185 - Clever Air / Nexo 185 Classic - Manual / Nexo 185 Classic - Clever Air

1. Unique identification code of the product-type

2. Type

Room heater burning solid fuel without hot water supply

3. Intended use

Domestic room heater

4. Manufacturer

RAIS A/S  
 Industrivej 20, Vangen  
 DK-9900 Frederikshavn,  
 Denmark

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 Homepage www.rais.com

5. Authorised representative

n/a

6. System of assessment AVCP

System 3

7. Notified body

The notified laboratory *Danish Technological Institute - Identification no. 1235 Teknologiparken, Kongsvang Allé 29, DK-8000 Århus C*

performed the determination of the product type on the basis of type testing under system 3 and issued test report

a. 300-ELAB-2324-EN

8. Declared performance

Harmonized technical specification:

EN 13240:2003/A2:2004

Essential characteristics		Performance	
		Without sideglass	With sideglass
<b>Fire safety</b>			
Reaction to fire	A1		
Distance to combustible materials	rear	100mm	100mm
Minimum distances [mm] <i>For other installation or wall settings see instruction manual</i>	sides	350mm	450mm
	ceiling	400mm	400mm
	Front	900mm	800mm
Risk of burning fuel falling out	Pass		
OGC (mg/Nm <sup>3</sup> rel. 13 Vol-% O <sub>2</sub> )	51		
CO-emission of combustion products	0,09 % / 1132 mg/Nm <sup>3</sup>		
NO <sub>x</sub> (mg/Nm <sup>3</sup> rel. 13 Vol-% O <sub>2</sub> )	91		
Dust at (rel. 13 Vol-% O <sub>2</sub> )	4 mg/Nm <sup>3</sup>		
Surface temperature	Pass		
Electrical safety	NPD		
Cleanability	Pass		
Maximum operating pressure	- bar		
Flue gas temperature T at nominal heat output	268 °C		
Mechanical resistance (to carry a chimney/flue)	NPD		
<b>Thermal output</b>			
Nominal heat output	5,7 kW		
Room heating output	5,7 kW		
Water heating output	- kW		
Energy efficiency $\eta$	80 %		
Seasonal Efficiency $\eta_{S,on}$	70 %		

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

31-03-2022

  
 Signature