

DE LEISTUNGSERKLÄRUNG

RAIS®
ART OF FIRE

Verordnung (EU) 305/2011 Nr. 0001 — CPR-2013/07/01

Nr.: 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

1 Referenznummer

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

Sideglass Models

2. Type/Version

Freistehender Raumheizer für feste Brennstoffe

3. Verwendungszweck

Kamineinsatz für feste Brennstoffe ohne Warmwasseraufbereitung

4 Hersteller

RAIS A/S
Industrivej 20, Vangen
DK-9900 Frederikshavn,
D  nemark

Telefon +45 98 47 90 33
Telefax +45 98 47 92 91
Webmail kundeservice@rais.com
Startseite www.rais.com/

5 Bevollmächtiger

6. System zur Bewertung der Leistungsfähigkeit

System 3
Danish Technological Institute - Identification no. 1235
Teknologiparken, Kongsvang Allé 29,
DK-2630 Lyngby

Prüfbericht

a. 300-ELAB-2324-EN

8. Erklärte Leistungen

Harmonisierte technische Spezifikation:

EN 13240:2003/A2:2004

Wesentliche Merkmale		Installationsabstand	
		ohne Seitenglas	mit Seitenglas
Brandsicherheit	A1		
Brandverhalten			
Mindestabstand zu brennbaren Materialen [mm]			
<i>Für andere Installations- oder Aufstellungsabstände siehe Bedienungsanleitung</i>			
Hinten		100mm	100mm
Seiten		350mm	450mm
Decke		400mm	400mm
Front		900mm	800mm
Brandgefahr durch Herausfallen von brennenden Brennstoffen	Erfüllt		
OGC (mg C/m ³ , bez. auf 13 % O ₂)	51		
Emission bei Verbrennung (bez. 13 Vol-% O ₂)	0,09 % / 1132 mg/Nm ³		
NOx (mg/m ³ , bez. auf 13 % O ₂)	91		
Staub mg/Nm ³ (bez. 13 Vol-% O ₂)	4		
Oberflächentemperatur	Erfüllt		
Elektrische Sicherheit	NPD		
Reinigungsmöglichkeit	Erfüllt		
Maximaler Wasser-Betriebsdruck	- bar		
Abgastemperatur bei Nennwärmeleistung	268 °C		
Mechanische Festigkeit zum Tragen des Schornsteins	NPD		
Wärmleistung			
Nennwärmeleistung	5,7 kW		
Raumwärmeleistung	5,7 kW		
Wasserwärmeleistung	- kW		
Wirkungsgrad η	80 %		
Jahresnutzungsgrad $\eta_{S, on}$	72 %		

9. Die Leistung der in den Punkten 1 und 2 identifizierten Produkte entspricht den erklärten Leistungen in Punkt 8. Diese Leistungserklärung wird unter der alleinigen Verantwortung der in Nummer 4 genannten Herstellers ausgegeben.

Unterzeichnet für und im Namen des Herstellers:

John Engell Nielsen, R&D / Quality Manager

Ort FREDERIKSHAVN, DENMARK

Datum 27-01-2022

Unterschrift

FR DÉCLARATION DE PERFORMANCE

RAIS®
ART OF FIRE

Le règlement (EU) 305/2011 Nr. 0001 — CPR-2013/07/01

No.: 10

1. Produit

Nexo 100 - Manual / Nexo 100 - Clever Air / Nexo 100 Classic - Manual / Nexo 100 Classic - Clever Air
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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

Sideglass Models

2. Type/Version

3. Emploi prévu

4. Fabricant

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

Telefon +45 98 47 90 33
Telefax +45 98 47 92 91
Webmail kundeservice@rais.dk
Homepage www.rais.com

5. Mandataire

Confirme certification type selon système 3

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

a. 300-ELAB-2324-EN

Spécification technique harmonisée: EN 13240:2003/A2:2004

8. Prestations déclarées

Spécification technique harmonisée: EN 15240-2005/AZ.2004

Caractéristiques essentielles		Prestation	
Sécurité incendie		sans vitre latérale	avec vitre latérale
Résistance au feu	A1		
Espace min. de sécurité au matériaux combustibles [mm]	arrière	100mm	100mm
<i>Pour les autres paramètres d'installation voir le manuel d'instruction</i>	Latéral	350mm	450mm
	plafond	400mm	400mm
	avant	900mm	800mm
Risque d'incendie par débordement de combustible	accompli		
OGC (mg/Nm ³ rel. 13 Vol-% O ₂)	51		
Émission de produits de combustion (conf. 13 Vol-% O ₂)	0,09 % / 1132 mg/Nm ³		
NOX (mg/Nm ³ rel. 13 Vol-% O ₂)	91		
Poussières	4 mg/Nm ³		
Température de surface	accompli		
Sécurité électrique	NPD		
Possibilités de nettoyage	accompli		
Pression opérationnelle max.	- bar		
Température de gazes d'échappement à prestation nominale	268 °C		
Résistance mécanique pour supporter une cheminée	NPD		
Prestation thermique			
Prestation thermique nominale	5,7 kW		
Prestation thermique espace	5,7 kW		
Prestation thermique eau	- kW		
Efficacité η	80 %		
Efficacité énergétique saisonnière $\eta_{S, on}$	72 %		

9. Les prestations dudit paragraphe (1 et 2) sont conformes à les caractéristiques selon paragraphe 8.

Cette déclaration de prestation est établie sous la seule responsabilité du fabricant visé à **paragraphre 4**. Les prestations aux paragraphes 3 et 4, sont conformes aux caractéristiques selon **paragraphre 3**.

Signé au nom du fabricant:

John Engell Nielsen, R&D / Quality Manager

Lieu

FREDERIKSHAVN, DANEMARK

Date

27-01-2022

Signature

UK DECLARATION OF PERFORMANCE

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

No.: 10

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 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
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 Nexo 185 - Manual / Nexo 185 - Clever Air / Nexo 185 Classic - Manual / Nexo 185 Classic - Clever Air

1. Unique identification code of the product-type

Room heater burning solid fuel without hot water supply

2. Type

3. Intended use

Domestic room heater

4. Manufacturer

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

Telephone +45 98 47 90 33
Telefax +45 98 47 92 91
Webmail kundeservice@rais.dk
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
Fire safety	A1		
Reaction to fire			
Distance to combustible materials	rear	100mm	100mm
Minimum distances [mm]	sides	350mm	450mm
<i>For other installation or wall settings see instruction manual</i>	ceiling	400mm	400mm
	Front	900mm	800mm
Risk of burning fuel falling out	Pass		
OGC (mg/Nm ³ rel. 13 Vol-% O ₂)	51		
CO-emission of combustion products	0,09 % / 1132 mg/Nm ³		
NOx (mg/Nm ³ rel. 13 Vol-% O ₂)	91		
Dust at (rel. 13 Vol-% O ₂)	4 mg/Nm ³		
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		
Thermal output			
Nominal heat output	5,7 kW		
Room heating output	5,7 kW		
Water heating output	- kW		
Energy efficiency η	80 %		
Seasonal Efficiency $\eta_{S, on}$	72 %		

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 27-01-2022

Signature

NL PRESTATIEVERKLARING



Verordening (EU) 305/2011 Nr. 0001 — CPR-2013/07/01

No.: 10

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Sideglass Models

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1. Identificatie

2. Type

Ruimteverwarming (inzet) gestookt met vaste brandstof

3. Gebruik

Ruimteverwarming (inzet) gestookt met vaste brandstof zonder toevoer van warm water

4. Fabrikant

RAIS A/S	Telephone	+45 98 47 90 33
Industrivej 20, Vangen	Telefax	+45 98 47 92 91
DK-9900 Frederikshavn, Denemarken	Webmail	kundeservice@rais.dk
	Homepage	www.rais.com

5. Gemachtigden

-

6. System voor analyseren /controleren van de consistente werking (AVCP)

System 3

7. Testlaboratorium

Danish Technological Institute - Identification no. 1235 Teknologiparken, Kongsvang Allé 29,
DK-8000 Århus C, Denemarken

Testrapport nr.

a. 300-ELAB-2324-EN

8. Aangegeven prestatie

Geharmoniseerde technische specificaties:

EN 13240:2003/A2:2004

Essentiële kenmerken		Vermogen	
Brandreactiviteit	A1	zonder zijruit	met zijruit
Afstand tot brandbare materialen	naar de achterwand	100mm	100mm
Minimale afstand [mm]	naar de zijmuur	350mm	450mm
Zie gebruikerhandleiding	Plafond / boven de kachel	400mm	400mm
voor andere afstanden	Stralingsbereik front	900mm	800mm
	Voor vloer / onder het kachel		
Brandgevaar door uitvallende brandstoffen	Test geslaagd		
OGC (mg/Nm ³ rel. 13 Vol-% O ₂)	51		
CO-emissie van verbrandingsproducten (ten opzichte van 13 Vol-% O ₂)	0,09 % / 1132 mg/Nm ³		
NOX (mg/Nm ³ rel. 13 Vol-% O ₂)	80		
Stof bij (afhankelijk van 13 Vol-% O ₂)	4 mg/Nm ³		
Oppervlaktemperatuur	Test geslaagd		
Elektrische veiligheid	Geen vermogen vastgelegd (NPD)		
Reinigbaarheid	Test geslaagd		
Maximale bedrijfsdruk water	- bar		
Rookgastemperatuur bij nominaal vermogen	268 °C		
Mechanische stevigheid (om een schoorsteen te dragen)	Geen vermogen vastgelegd (NPD)		
Thermisch vermogen			
Nominaal verwarmingsvermogen	5,7 kW		
Kamerverwarmingsvermogen	5,7 kW		
Waterverwarmingsvermogen	- kW		
Rendement η	80 %		
Seizoensgebonden energie-efficiëntie $\eta_{S, on}$	72 %		

De prestaties van het in de punten 1 en 2 omschreven product zijn conform de in punt 8 aangegeven prestaties.
 Deze prestatieverklaring wordt verstrekt onder de exclusieve verantwoordelijkheid van de in punt 4 vermelde fabrikant.

Ondertekend voor en namens de fabrikant door:

Plaats

FREDERIKSHAVN, DENEMARKEN

Datum

27-01-2022

John Engell Nielsen, R&D / Quality Manager

Handtekening

EU DECLARATION OF CONFORMITY

Company name:	Rais A/S
Postal address:	Industrivej 20
Postcode:	9900
City:	Frederikshavn, Denmark
Telephone number:	+45 98 47 90 33
E-Mail address:	kundeservice@rais.dk

Declare that the DoC is issued under our sole responsibility and belongs to the following product:

Rais project number:	10
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
Side glass 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
Type	Room heater burning solid fuel without hot water supply
Serial number:	All stoves have a unique serial number that is affixed to the stove. The location of the sticker is indicated in the user manual and is recorded in the Rais serial number database.

Last two figures, the year, where the CE-Label was put on the stove	18
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Object of the declaration:

Room heater with and with-out side windows



The object of the declaration described above is in conformity with the relevant top-level directives and regulations

<input checked="" type="checkbox"/>	DIR 2009/125/EC	21/10/2009	Energy Related Products Directive (ecodesign)
<input checked="" type="checkbox"/>	REG (EU) 305/2011	9/3/2011	Construction Products Regulation (CPR)
<input checked="" type="checkbox"/>	REG (EU) 2017/1369	4/7/2017	Energy Labelling Regulation

Implementation measures incl regulations and delegated acts

<input checked="" type="checkbox"/>	(EU) 2015/1186 (EL)	24/4/2015	Energy labelling delegated act on Room heaters
<input checked="" type="checkbox"/>	(EU) 2015/1185 (ED)	24/4/2015	Ecodesign regulation on Room heaters
<input checked="" type="checkbox"/>	2017/C 076/02	10/3/2017	COM Transitional methods OJ EU C76 Vol 60

Harmonized standards, other standards, and technical specifications

<input checked="" type="checkbox"/>	EN 13240:2001	7/4/2001	Room heaters fired by solid fuel
<input checked="" type="checkbox"/>	EN 13240/A2:2004	28/10/2004	Harmonization of EN13240 by Annex ZA
<input checked="" type="checkbox"/>	EN 16510-1 (2013 ed)	January 2013	Emission measurement methods prior to 2018
<input checked="" type="checkbox"/>	CEN/TS 15883	8/9/2009	Emission measurement from 2009
<input checked="" type="checkbox"/>	EN 16510-1:2018	31/7/2018	Emission measurement methods 2018 onwards

Notified body

4 digit notified body number:

Danish Technological Institute	1235
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Additional information:

Further information on declared fire safety performance & emissions are available in the Declaration of performance. (DOP)

PLACE: FREDERIKSHAVN, DENMARK Date: 16-12-2021  Signature John Engell Nielsen R&D / Quality Manager	Installation approved by. Date: Signature
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