

# DECLARATION OF PERFORMANCE



Regulation (EU) 2009/142/EC

**No.: 10**

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|--|---|--|--|
| <b>1. Unique identification code of the product-type</b> | NEXO 100 Gas, NEXO 100 G Gas, NEXO 100 Classic Gas, NEXO 100 G Classic Gas, NEXO 120 Gas, NEXO 120 G Gas, NEXO 120 Classic Gas, NEXO 120 G Classic Gas, NEXO 140 Gas, NEXO 140 G Gas, NEXO 140 Classic Gas, NEXO 140 G Classic Gas, NEXO 160 Gas, NEXO 160 G Gas, NEXO 160 Classic Gas, NEXO 160 G Classic Gas, NEXO 185 Gas, NEXO 185 G Gas, NEXO 185 Classic Gas, NEXO 185 G Classic Gas, |  |  |
| <b>2. Type</b>   | Balanced Flue Gas Stoves  |  |  |
| <b>3. Intended use</b>                                   | Domestic room heater  |  |  |
| <b>4. NPD Manufacturer</b>                               | RAIS A/S<br>Industrivej 20, Vangen<br>DK-9900 Frederikshavn,<br>Denmark   | Telephone<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>                      | n/a   |  |  |
| <b>6. System of assessment AVCP</b>                      | System 3  |  |  |
| <b>7. Notified body</b>                                  | The notified laboratory   | Intertek House, Cleeve Road<br>Leatherhead, Surrey<br>KT22 7SB, United Kingdom |  |
|  | performed the determination of the product type on the basis of type testing under system 3 and issued test report  |  |  |
|  | a. 102929617LHD-001   |  |  |
| <b>8. Declared performance</b>                           | Harmonized technical specification:   | BSEM 613: 2001+A1:2008   |  |

Essential characteristics		Performance	
<b>Fire safety</b>			
Reaction to fire	A1	NEXO 100 Gas NEXO 120 Gas NEXO 140 Gas NEXO 160 Gas NEXO 185 Gas	NEXO 100 G Gas NEXO 120 G Gas NEXO 140 G Gas NEXO 160 G Gas NEXO 185 G Gas
Distance to combustible materials	Rear	50	50
Minimum distances [mm] <i>For other installation settings see instruction manual</i>	Sides	250	300
	Front	700	700
Risk of burning fuel falling out	N/D		
CO-emission of combustion products	31 ppm (G20@20 full All)		
NOx emission	23 ppm (G20@20 full All)		
Surface temperature	Pass		
Electrical safety	Pass		
Cleanability	Pass		
Maximum operating pressure	- bar		
Flue gas temperature T at nominal heat output	291°C (G20@20 full All)		
Mechanical resistance (to carry a chimney/flue)	NPD		
<b>Thermal output</b>			
Nominal heat output	8,2 kW (G20@20 full All)		
Room heating output	8,2 kW (G20@20 full All)		
Water heating output	- kW		
Energy efficiency $\eta$	78,3 % (G20@20 full All)		

**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:

Henrik Nørgaard, Managing Director

**Place** FREDERIKSHAVN, DENMARK

**Date** 09-09-2019

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 Signature