

# Technical data sheet

## NEXO 100

### OPTIONS

Firebox door	
Steel door	✓
Glass door	✓
Side window	
Without side window	✓
Two side windows	✓
One side window (left/right)	✓
Coating	
Black	✓
Platinum	✓
Mocha	✓
Nickel	✓
Sand	✓
White	✓
Handles	
Oak wood black	✓
«classic»	✓
Stainless steel	✓
Corian <sup>®</sup>	✓
Calf leather brown	✓
Calf leather black	✓
Oak nature	✓



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Top plates	
Steel 8 mm	✓
Stainless steel	✓
Soapstone	✓
Air control	
CleverAIR™	✓
Manual	✓
Air-system	
Air-system	✓
Rotating console	
Rotating console	✓ With a rotating console, smoke outlet is only possible upwards.

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### PRODUCT INFORMATION

Weight depending on model/equipment	
Weight depending on model/equipment	125 - 137 kg
Ø Smoke outlet	
Ø Smoke outlet	150 mm
Ø Air inlet	
Ø Air inlet	100 mm
Flue pipe outlet	
Top	✓
Rear	✓
Certifications	
Energy efficiency class	A
Multiple occupancy	✓
Eco Design	✓
EN NORM	EN 13240
MINERGIE® compatible	✓
DIBt	Z-43.12-454
BImSchV	Stufe 2
Flamme Verte	7*
Classe energetica di appartenenza	4 Stelle

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### SERVICES

Thermal output	
Nominal heat output	5.7 kW
Thermal output range min./max.	2-9 kW
Fuelwood requirement	1.8 ≈ kg/h
Energy efficiency	80 %
Combustion air requirement	14.4 m <sup>3</sup> /h
Triple values	
Exhaust gas mass flow	4.9 g/s
Exhaust temperature	268 °C
Required delivery pressure	12 Pa
Required delivery pressure at 0.8 times the nominal heat output	10 Pa
Fire safety	
Dust at 13 % O <sub>2</sub>	4 mg/Nm <sup>3</sup>
CO emission at 13 % O <sub>2</sub>	0.0906 %
CO emission at 13 % O <sub>2</sub>	1132 mg/Nm <sup>3</sup>
CO <sub>2</sub> concentration	10.2 %
OGC at 13 % O <sub>2</sub>	51 mg/Nm <sup>3</sup>
NO <sub>x</sub> at 13 % O <sub>2</sub>	91 mg/Nm <sup>3</sup>

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### Note

Other values apply in France. Please refer to the declaration of performance for France.

### INSTALLATION

Distances to combustible materials (without side window)	
A: to the back	100 mm
B: to the side wall	350 mm
C: to the front	900 mm
D: upwards	400 mm
Distances to combustible materials (with side window)	
A: to the back	100 mm
B: to the side wall	450 mm
C: to the front	800 mm
D: upwards	400 mm

### Note

Please observe the national/regional regulations for floor protection.

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### Sketches of safety distances

