

# Technical data sheet

## CARO 90

### OPTIONS

Firebox door	
Steel door	✓
Glass door	✓
Side window	
Without side window	✓
Two side windows	✓
Wood storage panel	
With wood storage panel	✓
Coating	
Black	✓
Platinum	✓
Mocha	✓
Nickel	✓
Sand	✓
White	✓



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Handles	
Oak wood black	✓
«classic»	✓
Stainless steel	✓
Corian <sup>®</sup>	✓
Calf leather brown	✓
Calf leather black	✓
Oak nature	✓
Top plates	
Steel 8 mm	✓
Air control	
Manual	✓
Air-system	
Air-system	✓

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### PRODUCT INFORMATION

Weight depending on model/equipment	
Weight depending on model/equipment	90 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-43.12-425
BImSchV	Stufe 2
Flamme Verte	7*
Classe energetica di appartenenza	4 Stelle

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### SERVICES

Thermal output	
Nominal heat output	5 kW
Thermal output range min./max.	3-7 kW
Fuelwood requirement	1.6 ≈ kg/h
Energy efficiency	80 %
Combustion air requirement	12.4 m <sup>3</sup> /h
Triple values	
Exhaust gas mass flow	4.3 g/s
Exhaust temperature	286 °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>	10 mg/Nm <sup>3</sup>
CO emission at 13 % O <sub>2</sub>	0.07 %
CO emission at 13 % O <sub>2</sub>	896 mg/Nm <sup>3</sup>
CO <sub>2</sub> concentration	11.5 %
OGC at 13 % O <sub>2</sub>	52 mg/Nm <sup>3</sup>
NO <sub>x</sub> at 13 % O <sub>2</sub>	80 mg/Nm <sup>3</sup>

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### Note

The declaration of performance in French contains the values for France.  
Please note the declarations of performance in the other languages.

### INSTALLATION

Distances to combustible materials (without side window)	
A: to the back	100 mm
B: to the side wall	300 mm
C: to the front	900 mm
D: upwards	750 mm
Distances to combustible materials (with side window)	
A: to the back	100 mm
B: to the side wall	400 mm
C: to the front	900 mm
D: upwards	750 mm

### Note

Please observe the national/regional regulations for floor protection.

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### Sketches of safety distances

