

# Technical data sheet

## R-500

### OPTIONS

Firebox door	
Steel door	✓
Glass door	✓
Coating	
Black	✓
Air-system	
for room air independent installation	✓



### PRODUCT INFORMATION

Weight depending on model/equipment	
Weight depending on model/equipment	96 kg
Ø Smoke outlet	
Ø Smoke outlet	150 mm
Ø Air inlet	
Ø Air inlet	100 mm
Certifications	
Energy efficiency class	A
Multiple occupancy	✓
Eco Design	✓
European standard	EN 16510
BImSchV	Stufe 2
Flamme Verte	✓
Classe energetica di appartenenza	4 Stelle

All information is provided without guarantee. Sketches are not true to scale.

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### SERVICES

Thermal output	
Nominal heat output	5.6 kW
Fuelwood requirement	1.8 ≈ kg/h
Energy efficiency	≥75 %
Combustion air requirement	16 m <sup>3</sup> /h
Triple values	
Exhaust gas mass flow	5.7 g/s
Exhaust temperature	356 °C
Minimum flue draught	-12 Pa
Fire safety	
Dust at 13 % O <sub>2</sub>	≤40 mg/Nm <sup>3</sup>
CO emission at 13 % O <sub>2</sub>	≤0.12 %
CO emission at 13 % O <sub>2</sub>	≤1500 mg/Nm <sup>3</sup>
OGC at 13 % O <sub>2</sub>	≤120 mg/Nm <sup>3</sup>
NO <sub>x</sub> at 13 % O <sub>2</sub>	≤200 mg/Nm <sup>3</sup>

### CONVECTION AIR

Convection air above	min. 500 cm <sup>2</sup>
Convection air below	min. 250 cm <sup>2</sup>

#### Safety distances:

Information on safety distances can be found in the installation manual.