

# Technical data sheet

## R-500

### OPTIONS

Firebox door	
Steel door	✓
Glass door	✓
Coating	
Black	✓
Air-system	
Air-system	✓



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### PRODUCT INFORMATION

Weight depending on model/equipment	
Weight depending on model/equipment	100 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	✓
EN NORM	EN 13229
BImSchV	Stufe 2
Flamme Verte	7*
Classe energetica di appartenenza	4 Stelle

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### SERVICES

Thermal output	
Nominal heat output	5.6 kW
Thermal output range min./max.	4-8 kW
Fuelwood requirement	1.9 ≈ kg/h
Energy efficiency	76 %
Triple values	
Exhaust gas mass flow	5.4 g/s
Exhaust temperature	289 °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>	0.09 %
CO emission at 13 % O <sub>2</sub>	1125 mg/Nm <sup>3</sup>
CO <sub>2</sub> concentration	9.4 %
OGC at 13 % O <sub>2</sub>	67 mg/Nm <sup>3</sup>
NO <sub>x</sub> at 13 % O <sub>2</sub>	79 mg/Nm <sup>3</sup>

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### INSTALLATION

Furniture distance from the front glass	
A: Furniture distance from the front glass	850 mm
Furniture distance from the side glass	
B: Furniture distance from the side glass	350 mm

### CONVECTION AIR

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

### Installation

