

# Technical data sheet

## R-500

### OPTIONS

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



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## R-500

### 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

