



EN 14785  
BlmSchV Stufe 2  
Regensburger BStV / Aachener BStV / Munchener BStV  
ART.15a B-VG / LRV  
4 stelle DM.186 / Conto Termico 2.0

flamme  
VERTE



(Max) nominal heat output	8.1 kW
Minimum heat output	3.5 kW
Efficiency at Max	90.9 %
Efficiency at Min	91.5 %
Energy Efficiency Class (A++ / G scale)	A+
Energy Efficiency Index (EEI)	128 %
Seasonal space heating energy efficiency ( $\eta_s$ )	87 %
Temperature of exhaust smoke at Max	188 °C
Temperature of exhaust smoke at Min	108 °C
Particulate/OGC / Nox (nominal at 13%O <sub>2</sub> )	17 - 1 - 142 mg/Nm <sup>3</sup>
CO at 13% O <sub>2</sub> at Min and at Max	0.014 - 0.008 %
CO <sub>2</sub> at Min and at Max	7.2 - 14 %
Recommended draught at Max power	10 Pa
Minimum draught allowed for minimum power	5 Pa
Mass of smoke at Min and at Max	3.7 - 4.3 g/sec
Hopper capacity	32 l
Fuel dimensions	Ø 6mm L 3 ÷ 40mm
Hourly consumption at Min and at Max	0.8 - 1.8 kg/h *
Autonomy at Min and at Max	26 - 12 h *
Heatable volume m <sup>3</sup>	147 - 231 - 405 **
Combustion air inlet	Ø 50 mm
Air inlet	80 cm <sup>2</sup>
Smoke outlet	Ø 80 mm
Nominal electrical power (EN 60335-1).	94 W (max 340 W)
Supply voltage and frequency	230 Volt / 50 Hz
Net weight	145 kg
Distance from combustible material (back/side/under)	120 mm / 200 mm / 0 mm
Distance from combustible material (front/ceiling)	800 mm / 1000 mm

\* Data that may vary depending on the type of pellets used.

\*\*Heatable volume based on the requested power per m<sup>3</sup> (respectively 55-35-20 W/m<sup>3</sup>)