



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



<b>(Max) nominal heat output</b>	<b>8.1 kW</b>
<b>Minimum heat output</b>	<b>3.5 kW</b>
<b>Efficiency at Max</b>	<b>90.9 %</b>
<b>Efficiency at Min</b>	<b>91.5 %</b>
<b>Energy Efficiency Class (A++ / G scale)</b>	<b>A+</b>
<b>Energy Efficiency Index (EEI)</b>	<b>129 %</b>
<b>Seasonal space heating energy efficiency (<math>\eta_s</math>)</b>	<b>88 %</b>
<b>Temperature of exhaust smoke at Max</b>	<b>188 °C</b>
<b>Temperature of exhaust smoke at Min</b>	<b>108 °C</b>
<b>Particulate/OGC / Nox (nominal at 13%O<sub>2</sub>)</b>	<b>17 - 1 - 142 mg/Nm<sup>3</sup></b>
<b>CO at 13% O<sub>2</sub> at Min and at Max</b>	<b>0.014 - 0.008 %</b>
<b>CO<sub>2</sub> at Min and at Max</b>	<b>7.2 - 14 %</b>
<b>Recommended draught at Max power</b>	<b>10 Pa</b>
<b>Minimum draught allowed for minimum power</b>	<b>5 Pa</b>
<b>Mass of smoke at Min and at Max</b>	<b>3.7 - 4.3 g/sec</b>
<b>Hopper capacity</b>	<b>33 l</b>
<b>Fuel dimensions</b>	<b>Ø 6mm L 3 ÷ 40mm</b>
<b>Hourly consumption at Min and at Max</b>	<b>0.8 - 1.8 kg/h *</b>
<b>Autonomy at Min and at Max</b>	<b>26 - 12 h *</b>
<b>Heatable volume m<sup>3</sup></b>	<b>147 - 231 - 405 **</b>
<b>Combustion air inlet</b>	<b>Ø 50 mm</b>
<b>Air inlet</b>	<b>80 cm<sup>2</sup></b>
<b>Smoke outlet</b>	<b>Ø 80/130 mm</b>
<b>Nominal electrical power (EN 60335-1).</b>	<b>56 W (max 340 W)</b>
<b>Supply voltage and frequency</b>	<b>230 Volt / 50 Hz</b>
<b>Net weight</b>	<b>130 kg</b>
<b>Distance from combustible material (back/side/under)</b>	<b>40 mm / 100 mm / 0 mm</b>
<b>Distance from combustible material (front/ceiling)</b>	<b>800 mm / 1000 mm</b>

\* 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>)