



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



**BAFA**  
 Bundesamt für Wirtschaft  
 und Ausfuhrkontrolle

<b>(Max) nominal heat output</b>	<b>16.1 kW</b>
<b>(Max) nominal heat output (H<sub>2</sub>O)</b>	<b>12.9 kW</b>
<b>Minimum heat output</b>	<b>4.9 kW</b>
<b>Minimum heat output (H<sub>2</sub>O)</b>	<b>3.4 kW</b>
<b>Efficiency at Max</b>	<b>93.7 %</b>
<b>Efficiency at Min</b>	<b>96.7 %</b>
<b>Energy Efficiency Class (A++ / G scale)</b>	<b>A++</b>
<b>Energy Efficiency Index (EEI)</b>	<b>132 %</b>
<b>Seasonal space heating energy efficiency (η<sub>s</sub>)</b>	<b>89 %</b>
<b>Temperature of exhaust smoke at Max</b>	<b>116 °C</b>
<b>Temperature of exhaust smoke at Min</b>	<b>55 °C</b>
<b>Particulate/OGC / Nox (nominal at 13%O<sub>2</sub>)</b>	<b>13 - 2 - 95 mg/Nm<sup>3</sup></b>
<b>CO at 13% O<sub>2</sub> at Min and at Max</b>	<b>0.012 - 0.008 %</b>
<b>CO<sub>2</sub> at Min and at Max</b>	<b>7.9 - 11.9 %</b>
<b>Boiler liters content</b>	<b>14 l</b>
<b>Maximum operating pressure</b>	<b>2 bar - 200 kPa</b>
<b>Recommended draught at Max power</b>	<b>10 Pa</b>
<b>Minimum draught allowed for minimum power</b>	<b>2 Pa</b>
<b>Mass of smoke at Min and at Max</b>	<b>4.5 - 9.8 g/sec</b>
<b>Hopper capacity</b>	<b>40 l</b>
<b>Fuel dimensions</b>	<b>Ø 6mm L 3 ÷ 40mm</b>
<b>Hourly consumption at Min and at Max</b>	<b>1.1 - 3.6 kg/h *</b>
<b>Autonomy at Min and at Max</b>	<b>24 - 7.222 h *</b>
<b>Heatable volume m<sup>3</sup></b>	<b>293 - 460 - 805 **</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 mm</b>
<b>Nominal electrical power (EN 60335-1).</b>	<b>117 W (max 343 W)</b>
<b>Supply voltage and frequency</b>	<b>230 Volt / 50 Hz</b>
<b>Net weight</b>	<b>195 kg</b>
<b>Distance from combustible material (back/side/under)</b>	<b>20 mm / 200 mm / 0 mm</b>
<b>Distance from combustible material (front/ceiling)</b>	<b>750 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>)