



EN 16510  
 BlmSchV Stufe 2  
 Regensburger BStV / Aachener BStV / Munchener BStV  
 ART.15a B-VG / LRV  
 5 stelle DM.186 / Conto Termico 2.0



<b>(Max) nominal heat output</b>	<b>12 kW</b>
<b>Minimum heat output</b>	<b>5 kW</b>
<b>Efficiency at Max</b>	<b>90 %</b>
<b>Efficiency at Min</b>	<b>93.8 %</b>
<b>Energy Efficiency Class (A++ / G scale)</b>	<b>A+</b>
<b>Energy Efficiency Index (EEI)</b>	<b>127 %</b>
<b>Seasonal space heating energy efficiency (ηs)</b>	<b>86 %</b>
<b>Temperature of exhaust smoke at Max</b>	<b>194 °C ***</b>
<b>Temperature of exhaust smoke at Min</b>	<b>110.4 °C ***</b>
<b>PM / OGC / NOx at Max (13% O2)</b>	<b>10 / 1 / 95 mg/Nm3</b>
<b>PM / OGC / NOx at Min (13% O2)</b>	<b>10 / 1 / 86 mg/Nm3</b>
<b>CO at 13% O2 at Min and at Max</b>	<b>0.008 / 0.006 %</b>
<b>CO2 at Min and at Max</b>	<b>7.7 / 11.6 %</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>4.8 / 8.1 g/sec</b>
<b>Hopper capacity</b>	<b>48 l / 31 kg *</b>
<b>Fuel dimensions</b>	<b>Ø6mm L3÷40mm</b>
<b>Hourly consumption at Min and at Max</b>	<b>1.1 / 2.7 kg/h *</b>
<b>Autonomy at Min and at Max</b>	<b>28 / 11 h *</b>
<b>Heatable volume m3</b>	<b>218 / 343 / 600 **</b>
<b>Combustion air inlet</b>	<b>Ø 50 mm</b>
<b>Air inlet</b>	<b>80 cm2</b>
<b>Smoke outlet</b>	<b>Ø 80 mm</b>
<b>Nominal electrical power (EN 60335-1).</b>	<b>132 W (max 350 W)</b>
<b>Supply voltage and frequency</b>	<b>230 Volt / 50 Hz</b>
<b>Net weight</b>	<b>180 kg</b>
<b>Distance from combustible material (back/side/under)</b>	<b>20 / 250 / 0 mm</b>
<b>Distance from combustible material (front/ceiling)</b>	<b>800 / 1000 mm</b>

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

\*\*Heatable volume based on the requested power per m3 (respectively 55-35-20 W/m3)

\*\*\* Flue gas temperature at the appliance outlet, to be used in the chimney sizing calculation (according to EN 13384-1)

\*\*\*\* Consider a minimum draught of 2 Pa in the EN 13384-1 chimney dimensioning calculations