



EN 16510  
BlmSchV Stufe 2  
Regensburger BStV / Aachener BStV / Munchener BStV  
LRV  
4 stelle DM.186



<b>(Max) nominal heat output</b>	<b>14.8 kW</b>
<b>Minimum heat output</b>	<b>6.8 kW</b>
<b>Efficiency at Max</b>	<b>80.8 %</b>
<b>Efficiency at Min</b>	<b>78.9 %</b>
<b>Energy Efficiency Class (A++ / G scale)</b>	<b>A+</b>
<b>Energy Efficiency Index (EEI)</b>	<b>107 %</b>
<b>Seasonal space heating energy efficiency (ηs)</b>	<b>71 %</b>
<b>Temperature of exhaust smoke at Max</b>	<b>310 °C ***</b>
<b>Temperature of exhaust smoke at Min</b>	<b>272 °C ***</b>
<b>PM / OGC / NOx at Max (13% O2)</b>	<b>19 / 52 / 104 mg/Nm3</b>
<b>PM / OGC / NOx at Min (13% O2)</b>	<b>NPD / 74 / 90 mg/Nm3</b>
<b>CO at 13% O2 at Min and at Max</b>	<b>0.125 / 0.09 %</b>
<b>CO2 at Min and at Max</b>	<b>7.3 / 9.5 %</b>
<b>Recommended draught at Max power</b>	<b>12 Pa</b>
<b>Minimum draught allowed for minimum power</b>	<b>10 Pa</b>
<b>Mass of smoke at Min and at Max</b>	<b>7.7 / 12.5 g/sec</b>
<b>Fuel dimensions</b>	<b>L250÷330mm</b>
<b>Hourly consumption at Min and at Max</b>	<b>2 / 4.2 kg/h *</b>
<b>Heatable volume m3</b>	<b>269 / 423 / 740 **</b>
<b>Combustion air inlet</b>	<b>Ø 150 mm</b>
<b>Air inlet</b>	<b>180 cm2</b>
<b>Smoke outlet</b>	<b>Ø 200 mm</b>
<b>Net weight</b>	<b>370 kg</b>
<b>Distance from combustible material (back/side/under)</b>	<b>160 / 160 / 220 mm</b>
<b>Distance from combustible material (front/ceiling)</b>	<b>800 / 1400 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)