



BlmSchV  
Regensburger BStV / Aachener BStV / Munchener BStV

5 stelle DM.186



<b>(Max) nominal heat output</b>	<b>18 kW</b>
<b>Minimum heat output</b>	<b>4.2 kW</b>
<b>Efficiency at Max</b>	<b>92.1 %</b>
<b>Efficiency at Min</b>	<b>90.3 %</b>
<b>Energy Efficiency Class (A++ / G scale)</b>	<b>A+</b>
<b>Energy Efficiency Index (EEI)</b>	<b>115 %</b>
<b>Seasonal space heating energy efficiency (ηs)</b>	<b>77 %</b>
<b>Temperature of exhaust smoke at Max</b>	<b>133 °C ***</b>
<b>Temperature of exhaust smoke at Min</b>	<b>65 °C ***</b>
<b>PM / OGC / NOx at Max (13% O2)</b>	<b>6 / 0.9 / 116 mg/Nm3</b>
<b>PM / OGC / NOx at Min (13% O2)</b>	<b>5.6 / 4 / 90 mg/Nm3</b>
<b>CO at 13% O<sub>2</sub> at Min and at Max</b>	<b>0.011 / 0.002 %</b>
<b>CO<sub>2</sub> at Min and at Max</b>	<b>9.4 / 12.2 %</b>
<b>Boiler liters content</b>	<b>19 l</b>
<b>Maximum operating pressure</b>	<b>3 bar</b>
<b>Recommended draught at Max power</b>	<b>10 Pa ****</b>
<b>Minimum draught allowed for minimum power</b>	<b>6 Pa ****</b>
<b>Mass of smoke at Min and at Max</b>	<b>3.5 / 10.8 g/sec</b>
<b>Hopper capacity</b>	<b>72 l / 46 kg *</b>
<b>Fuel dimensions</b>	<b>Ø 6mm L 3÷40mm</b>
<b>Hourly consumption at Min and at Max</b>	<b>1 / 4.1 kg/h *</b>
<b>Autonomy at Min and at Max</b>	<b>47 / 11 h *</b>
<b>Heatable volume m3</b>	<b>327 / 514 / 900 **</b>
<b>Combustion air inlet</b>	<b>Ø 50 mm</b>
<b>Air inlet</b>	<b>100 cm2</b>
<b>Smoke outlet</b>	<b>Ø 100 mm</b>
<b>Nominal electrical power (EN 60335-1).</b>	<b>97 W (max 480 W)</b>
<b>Supply voltage and frequency</b>	<b>230 Volt / 50 Hz</b>
<b>Net weight</b>	<b>256 kg</b>

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

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