



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



(Max) nominal heat output	13.8 kW
Minimum heat output	3.9 kW
Efficiency at Max	90.5 %
Efficiency at Min	93.5 %
Energy Efficiency Class (A++ / G scale)	A+
Energy Efficiency Index (EEI)	128 %
Seasonal space heating energy efficiency ( $\eta_s$ )	87 %
Temperature of exhaust smoke at Max	246 °C ***
Temperature of exhaust smoke at Min	103 °C ***
PM / OGC / NOx at Max (13% O <sub>2</sub> )	13 / 1 / 150 mg/Nm <sup>3</sup>
PM / OGC / NOx at Min (13% O <sub>2</sub> )	14 / 1 / 98 mg/Nm <sup>3</sup>
CO at 13% O <sub>2</sub> at Min and at Max	0.014 / 0.009 %
CO <sub>2</sub> at Min and at Max	7 / 14.2 %
Recommended draught at Max power	10 Pa ****
Minimum draught allowed for minimum power	5 Pa ****
Mass of smoke at Min and at Max	4.2 / 7.1 g/sec
Hopper capacity	40 l / 26 kg *
Fuel dimensions	Ø6mm L3÷40mm
Hourly consumption at Min and at Max	0.9 / 3.1 kg/h *
Autonomy at Min and at Max	29 / 8 h *
Heatable volume m <sup>3</sup>	251 / 394 / 690 **
Combustion air inlet	Ø 50 mm
Air inlet	80 cm <sup>2</sup>
Smoke outlet	Ø 80 mm
Nominal electrical power (EN 60335-1).	130 W (max 340 W)
Supply voltage and frequency	230 Volt / 50 Hz
Net weight	200 kg
Distance from combustible material (back/side/under)	20 / 250 / 0 mm
Distance from combustible material (front/ceiling)	800 / 1000 mm

\* 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>)

\*\*\* 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