



EN 16510

BlmSchV Stufe 2

Regensburger BStV / Aachener BStV / Munchener BStV

ART.15a B-VG / Klimafonds / LRV

4 stelle DM.186 / Conto Termico 2.0



(Max) nominal heat output	7.8 kW
Minimum heat output	3.6 kW
Efficiency at Max	90.2 %
Efficiency at Min	90.1 %
Energy Efficiency Class (A++ / G scale)	A+
Energy Efficiency Index (EEI)	127 %
Seasonal space heating energy efficiency (ηs)	86 %
Temperature of exhaust smoke at Max	215 °C ***
Temperature of exhaust smoke at Min	137 °C ***
PM / OGC / NOx at Max (13% O ₂)	11 / 1 / 119 mg/Nm ³
PM / OGC / NOx at Min (13% O ₂)	14 / 3 / 99 mg/Nm ³
CO at 13% O ₂ at Min and at Max	0.015 / 0.008 %
CO ₂ at Min and at Max	7.2 / 12.1 %
Recommended draught at Max power	10 Pa ****
Minimum draught allowed for minimum power	5 Pa ****
Mass of smoke at Min and at Max	3.9 / 4.7 g/sec
Hopper capacity	28 l / 18 kg *
Fuel dimensions	Ø6mm L3÷40mm
Hourly consumption at Min and at Max	0.8 / 1.75 kg/h *
Autonomy at Min and at Max	23 / 10 h *
Heatable volume m ³	142 / 223 / 390 **
Combustion air inlet	Ø 50 mm
Air inlet	80 cm ²
Smoke outlet	Ø 80 mm
Nominal electrical power (EN 60335-1).	90 W (max 340 W)
Supply voltage and frequency	230 Volt / 50 Hz
Net weight	155 kg
Distance from combustible material (back/side/under)	30 / 100 / 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 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