



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



(Max) nominal heat output	8 kW
Minimum heat output	2.4 kW
Efficiency at Max	90.4 %
Efficiency at Min	92.9 %
Energy Efficiency Class (A++ / G scale)	A+
Energy Efficiency Index (EEI)	128 %
Seasonal space heating energy efficiency (ηs)	87 %
Temperature of exhaust smoke at Max	199 °C ***
Temperature of exhaust smoke at Min	94.8 °C ***
PM / OGC / NOx at Max (13% O2)	9 / 5 / 95 mg/Nm3
PM / OGC / NOx at Min (13% O2)	7 / 3 / 88 mg/Nm3
CO at 13% O2 at Min and at Max	0.011 / 0.006 %
CO2 at Min and at Max	5.9 / 11.8 %
Recommended draught at Max power	10 Pa ****
Minimum draught allowed for minimum power	5 Pa ****
Mass of smoke at Min and at Max	3.1 / 5.4 g/sec
Hopper capacity	27 l / 18 kg *
Fuel dimensions	Ø6mm L3÷40mm
Hourly consumption at Min and at Max	0.6 / 1.9 kg/h *
Autonomy at Min and at Max	30 / 9 h *
Heatable volume m3	145 / 229 / 400 **
Combustion air inlet	Ø 60 mm
Air inlet	80 cm2
Smoke outlet	Ø 80 mm
Nominal electrical power (EN 60335-1).	49 W (max 340 W)
Supply voltage and frequency	230 Volt / 50 Hz
Net weight	130 kg
Distance from combustible material (back/side/under)	40 / 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