



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	12 kW
Minimum heat output	5 kW
Efficiency at Max	90 %
Efficiency at Min	93.8 %
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	194 °C ***
Temperature of exhaust smoke at Min	110.4 °C ***
PM / OGC / NOx at Max (13% O2)	10 / 1 / 95 mg/Nm3
PM / OGC / NOx at Min (13% O2)	10 / 1 / 86 mg/Nm3
CO at 13% O2 at Min and at Max	0.008 / 0.006 %
CO2 at Min and at Max	7.7 / 11.6 %
Recommended draught at Max power	10 Pa ****
Minimum draught allowed for minimum power	5 Pa ****
Mass of smoke at Min and at Max	4.8 / 8.1 g/sec
Hopper capacity	48 l / 31 kg *
Fuel dimensions	Ø6mm L3÷40mm
Hourly consumption at Min and at Max	1.1 / 2.7 kg/h *
Autonomy at Min and at Max	28 / 11 h *
Heatable volume m3	218 / 343 / 600 **
Combustion air inlet	Ø 50 mm
Air inlet	80 cm2
Smoke outlet	Ø 80 mm
Nominal electrical power (EN 60335-1).	132 W (max 350 W)
Supply voltage and frequency	230 Volt / 50 Hz
Net weight	180 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 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