



EN 14785
 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	22.4 kW
(Max) nominal heat output (H₂O)	18 kW
Minimum heat output	4.9 kW
Minimum heat output (H₂O)	3.4 kW
Efficiency at Max	92 %
Efficiency at Min	96.7 %
Energy Efficiency Class (A++ / G scale)	A+
Energy Efficiency Index (EEI)	129 %
Seasonal space heating energy efficiency (η_s)	88 %
Temperature of exhaust smoke at Max	153 °C
Temperature of exhaust smoke at Min	55 °C
Particulate/OGC / Nox (nominal at 13%O₂)	14 - 2 - 99 mg/Nm³
CO at 13% O₂ at Min and at Max	0.012 - 0.011 %
CO₂ at Min and at Max	7.9 - 13.6 %
Maximum operating pressure	2 bar - 200 kPa
Recommended draught at Max power	10 Pa
Minimum draught allowed for minimum power	2 Pa
Mass of smoke at Min and at Max	4.5 - 12.1 g/sec
Hopper capacity	40 l
Fuel dimensions	Ø 6mm L 3 ÷ 40mm
Hourly consumption at Min and at Max	1.1 - 5.1 kg/h *
Autonomy at Min and at Max	24 - 5.098 h *
Heatable volume m³	407 - 640 - 1120 **
Combustion air inlet	Ø 50 mm
Air inlet	80 cm²
Smoke outlet	Ø 80 mm
Nominal electrical power (EN 60335-1).	117 W (max 343 W)
Supply voltage and frequency	230 Volt / 50 Hz
Net weight	195 kg
Distance from combustible material (back/side/under)	20 mm / 200 mm / 0 mm
Distance from combustible material (front/ceiling)	750 mm / 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)