



BlmSchV
Regensburger BStV / Aachener BStV / Munchener BStV

5 stelle DM.186



(Max) nominal heat output	19.4 kW
Minimum heat output	5 kW
Efficiency at Max	92.9 %
Efficiency at Min	91.8 %
Energy Efficiency Class (A++ / G scale)	A+
Energy Efficiency Index (EEI)	120 %
Seasonal space heating energy efficiency (η_s)	81 %
Temperature of exhaust smoke at Max	113 °C ***
Temperature of exhaust smoke at Min	62 °C ***
PM / OGC / NOx at Max (13% O₂)	9 / 1 / 110 mg/Nm³
PM / OGC / NOx at Min (13% O₂)	14 / 1 / 86 mg/Nm³
CO at 13% O₂ at Min and at Max	0.008 / 0.002 %
CO₂ at Min and at Max	7 / 12.6 %
Boiler liters content	61 l
Maximum operating pressure	2.5 bar
Recommended draught at Max power	10 Pa ****
Minimum draught allowed for minimum power	5 Pa ****
Mass of smoke at Min and at Max	5.3 / 11.9 g/sec
Hopper capacity	225 l / 140 kg *
Fuel dimensions	Ø 6mm L 3÷40mm
Hourly consumption at Min and at Max	1.11 / 4.27 kg/h *
Autonomy at Min and at Max	126 / 33 h *
Heatable volume m³	353 / 554 / 970 **
Air inlet	130 cm²
Smoke outlet	Ø 80 mm
Nominal electrical power (EN 60335-1).	42 W (max 480 W)
Supply voltage and frequency	230 Volt / 50 Hz
Net weight	236 kg

* 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