



BlmSchV
Regensburger BStV / Aachener BStV / Munchener BStV

5 stelle DM.186



(Max) nominal heat output	29.8 kW
Minimum heat output	8.4 kW
Efficiency at Max	93.7 %
Efficiency at Min	92.6 %
Energy Efficiency Class (A++ / G scale)	A+
Energy Efficiency Index (EEI)	121 %
Seasonal space heating energy efficiency (ηs)	82 %
Temperature of exhaust smoke at Max	120 °C ***
Temperature of exhaust smoke at Min	71 °C ***
PM / OGC / NOx at Max (13% O2)	9 / 2 / 113 mg/Nm3
PM / OGC / NOx at Min (13% O2)	6 / 1 / 118 mg/Nm3
CO at 13% O₂ at Min and at Max	0.007 / 0.002 %
CO₂ at Min and at Max	8.1 / 11.8 %
Boiler liters content	74 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	7.8 / 19.1 g/sec
Hopper capacity	277 l / 180 kg *
Fuel dimensions	Ø 6mm L 3÷40mm
Hourly consumption at Min and at Max	1.86 / 6.49 kg/h *
Autonomy at Min and at Max	97 / 28 h *
Heatable volume m³	542 / 851 / 1490 **
Air inlet	200 cm²
Smoke outlet	Ø 80 mm
Nominal electrical power (EN 60335-1).	62 W (max 480 W)
Supply voltage and frequency	230 Volt / 50 Hz
Net weight	265 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