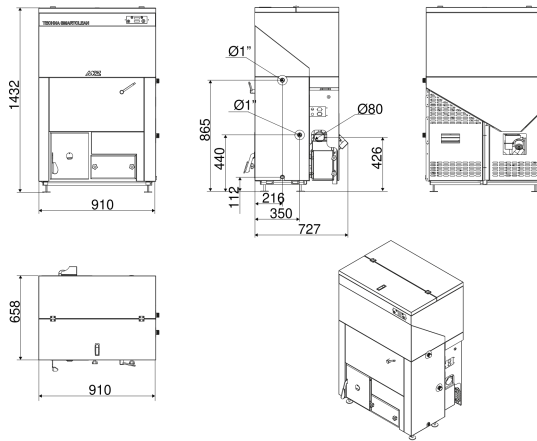




BlmSchV
Regensburger BStV / Aachener BStV / Munchener BStV

5 stelle DM.186



(Max) nominal heat output	25.2 kW
Minimum heat output	6.9 kW
Efficiency at Max	93.3 %
Efficiency at Min	92.2 %
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	116 °C ***
Temperature of exhaust smoke at Min	67 °C ***
PM / OGC / NOx at Max (13% O2)	9 / 2 / 112 mg/Nm3
PM / OGC / NOx at Min (13% O2)	10 / 1 / 104 mg/Nm3
CO at 13% O2 at Min and at Max	0.008 / 0.002 %
CO2 at Min and at Max	7.6 / 12.2 %
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	6.7 / 15.9 g/sec
Hopper capacity	277 l / 180 kg *
Fuel dimensions	Ø 6mm L 3÷40mm
Hourly consumption at Min and at Max	1.5 / 5.5 kg/h *
Autonomy at Min and at Max	118 / 33 h *
Heatable volume m3	458 / 720 / 1260 **
Air inlet	150 cm2
Smoke outlet	Ø 80 mm
Nominal electrical power (EN 60335-1).	53 W (max 480 W)
Supply voltage and frequency	230 Volt / 50 Hz
Net weight	250 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