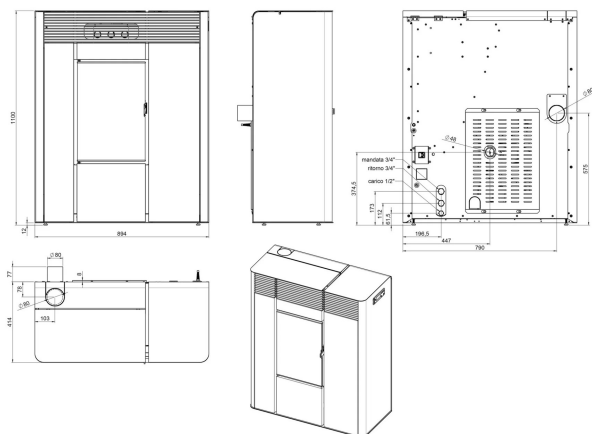


EN 16510
BlmSchV Stufe 2
Regensburger BStV / Aachener BStV / Munchener BStV
ART.15a B-VG / Klimafonds / LRV
5 stelle DM.186 / Conto Termico 2.0



BAFA
Bundesamt für Wirtschaft
und Ausfuhrkontrolle

(Max) nominal heat output	22.4 kW
(Max) nominal heat output (H ₂ O)	18 kW
Minimum heat output	4.9 kW
Minimum heat output (H ₂ O)	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	184 °C ***
Temperature of exhaust smoke at Min	66 °C ***
PM / OGC / NO _x at Max (13% O ₂)	14 / 2 / 99 mg/Nm ³
PM / OGC / NO _x at Min (13% O ₂)	18 / 3 / 94 mg/Nm ³
CO at 13% O ₂ at Min and at Max	0.012 / 0.011 %
CO ₂ at Min and at Max	7.9 / 13.6 %
Boiler liters content	14 l
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 / 26 kg *
Fuel dimensions	Ø6mm L3÷40mm
Hourly consumption at Min and at Max	1.1 / 5.1 kg/h *
Autonomy at Min and at Max	24 / 5 h *
Heatable volume m ³	407 / 640 / 1120 **
Combustion air inlet	Ø 50 mm
Air inlet	80 cm ²
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 / 200 / 0 mm
Distance from combustible material (front/ceiling)	750 / 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