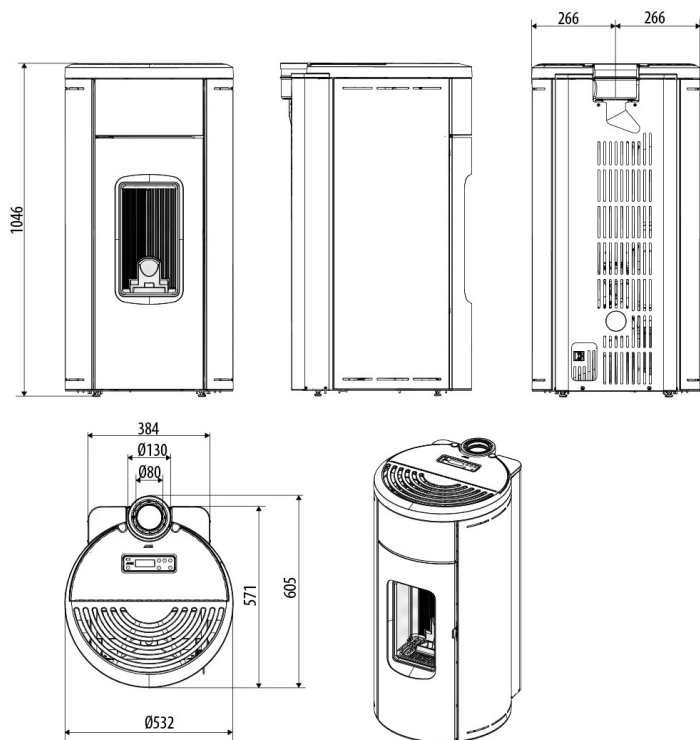


EN 16510
BlmSchV Stufe 2
Regensburger BStV / Aachener BStV / Munchener BStV
ART.15a B-VG / Klimafonds / LRV
4 stelle DM.186 / Conto Termico 2.0



(Max) nominal heat output	8.2 kW
Minimum heat output	2.4 kW
Efficiency at Max	91 %
Efficiency at Min	96.9 %
Energy Efficiency Class (A++ / G scale)	A+
Energy Efficiency Index (EEI)	121 %
Seasonal space heating energy efficiency (ηs)	80 %
Temperature of exhaust smoke at Max	179 °C ***
Temperature of exhaust smoke at Min	90 °C ***
PM / OGC / NOx at Max (13% O2)	14 / 1 / 115 mg/Nm3
PM / OGC / NOx at Min (13% O2)	38 / 1 / 87 mg/Nm3
CO at 13% O2 at Min and at Max	0.032 / 0.008 %
CO2 at Min and at Max	9.8 / 12.5 %
Recommended draught at Max power	10 Pa ****
Minimum draught allowed for minimum power	5 Pa ****
Mass of smoke at Min and at Max	1.8 / 5.2 g/sec
Hopper capacity	27 l / 18 kg *
Fuel dimensions	Ø6mm L3÷40mm
Hourly consumption at Min and at Max	0.51 / 1.87 kg/h *
Autonomy at Min and at Max	35 / 10 h *
Heatable volume m3	149 / 234 / 410 **
Combustion air inlet	Ø 60 mm
Air inlet	80 cm2
Smoke outlet	Ø 80/130 mm
Nominal electrical power (EN 60335-1).	52 W (max 350 W)
Supply voltage and frequency	230 Volt / 50 Hz
Net weight	80 kg
Distance from combustible material (back/side/under)	150 / 150 / 0 mm
Distance from combustible material (front/ceiling)	800 / 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