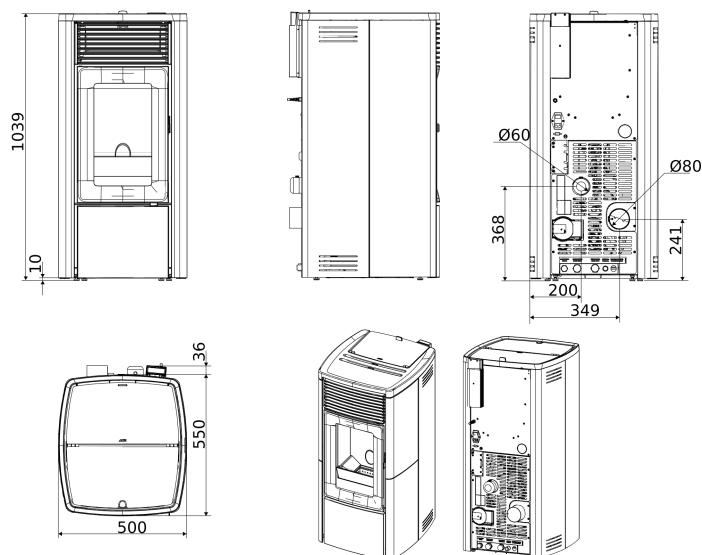




EN 16510
BlmSchV Stufe 2
Regensburger BStV / Aachener BStV / Munchener BStV
ART.15a B-VG / Klimafonds / LRV
5 stelle DM.186 / Conto Termico 2.0



BAFA
Bundesamt für Wirtschaft
und Ausfuhrkontrolle

(Max) nominal heat output	8 kW
(Max) nominal heat output (H ₂ O)	6 kW
Minimum heat output	3.8 kW
Minimum heat output (H ₂ O)	2.6 kW
Efficiency at Max	92 %
Efficiency at Min	93.1 %
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	148 °C ***
Temperature of exhaust smoke at Min	101 °C ***
PM / OGC / NO _x at Max (13% O ₂)	9 / 1 / 93 mg/Nm ³
PM / OGC / NO _x at Min (13% O ₂)	10 / 1 / 89 mg/Nm ³
CO at 13% O ₂ at Min and at Max	0.016 / 0.007 %
CO ₂ at Min and at Max	6.2 / 9.7 %
Boiler liters content	13.5 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	4.7 / 6.5 g/sec
Hopper capacity	31 l / 20 kg *
Fuel dimensions	Ø6mm L3÷40mm
Hourly consumption at Min and at Max	0.87 / 1.84 kg/h *
Autonomy at Min and at Max	23 / 10.87 h *
Heatable volume m ³	145 / 229 / 400 **
Combustion air inlet	Ø 50 mm
Air inlet	80 cm ²
Smoke outlet	Ø 80 mm
Nominal electrical power (EN 60335-1).	66 W (max 417 W)
Supply voltage and frequency	230 Volt / 50 Hz
Net weight	137 kg
Distance from combustible material (back/side/under)	200 / 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