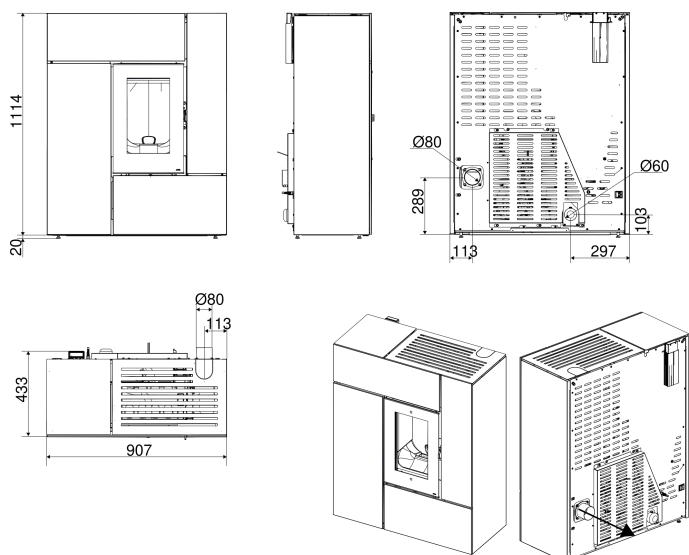


EN 16510
BlmSchV Stufe 2
Regensburger BStV / Aachener BStV / Munchener BStV
ART.15a B-VG / LRV
5 stelle DM.186 / Conto Termico 3.0



Heating technical data

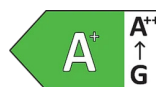
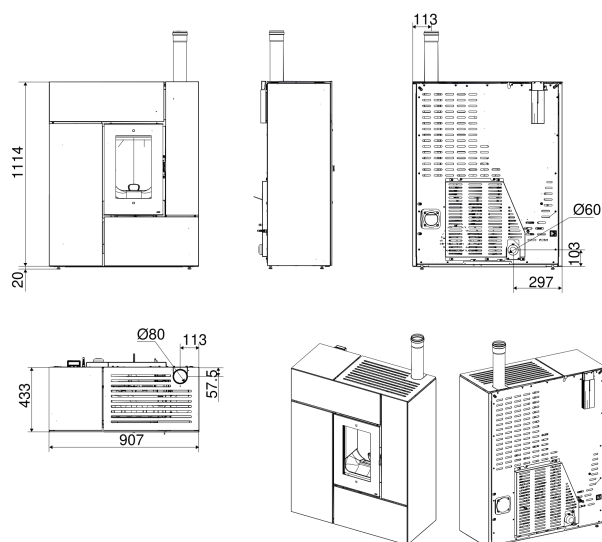
Appliance Type (tightness)	CC50
Nominal and partial load heat output	10.2 / 5 kW
Efficiency at nominal and partial load heat output	91 / 93.8 %
Energy class (scale A++/G)	A+
Energy efficiency index	129 %
Seasonal space heating efficiency	88 %
Flue gas outlet temperature at nominal heat output**	167 °C
Flue gas outlet temperature at part load heat output**	110 °C
CO / PM / OGC / NOx at 13% O ₂ at nominal heat output	70 / 8 / 1 / 95 mg/Nm ³
CO / PM / OGC / NOx at 13% O ₂ at partial load heat output	95 / 10 / 1 / 86 mg/Nm ³
CO ₂ at nominal and partial load heat output	11.1 / 7.7 %
Minimum flue draught at nominal heat output ****	10 Pa
Minimum flue draught at partial load heat output ****	5 Pa
Flue gas mass flow at nominal and partial load heat output	7.1 / 4.8 g/sec
Pellet tank capacity (litres/kg) *	48 l / 31 kg
Fuel type	Wood Pellet (L)
Fuel dimensions	Ø6mm L3÷40mm
Fuel consumption at nominal and partial load heat output *	2.3 / 1.1 kg/h
Pellet tank autonomy at nominal and partial load heat output*	13 / 28 h
Heatable volume ***	185 / 291 / 510 m ³
Combustion air inlet diameter (mm)	Ø 50 mm
Ventilation air intake section (cm ²)	80 cm ²
Diameter of the flue gas outlet	Ø 80 mm
Electrical consumption at nominal heat output (and during ignition)	89 W (max 350 W)
Power supply voltage and frequency	230 Volt / 50 Hz
Mass of the appliance	176 kg
Minimum distance to combustible materials (rear/side/bottom)	20 / 250 / 0 mm
Minimum distance to combustible materials (front/ceiling)	1000 / 800 mm

* Values that can vary due to the used combustible

** Flue gas temperature at the appliance outlet, to be used in the chimney sizing calculation (according to EN 13384-1)

*** Heatable volume depending on the power required per m³ (respectively 55–35–20 W/m³)

**** Consider a minimum draught of 2 Pa in the EN 13384-1 chimney dimensioning calculations



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