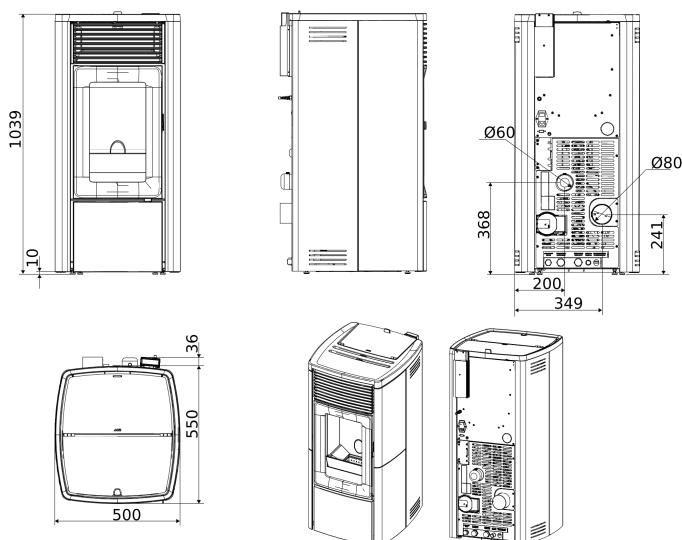


EN 16510
BlmSchV Stufe 2
Regensburger BStV / Aachener BStV / Munchener BStV
ART.15a B-VG / Klimafonds / LRV
5 stelle DM.186 / Conto Termico 3.0



BAFA
Bundesamt für Wirtschaft
und Ausfuhrkontrolle

Heating technical data

Appliance Type (tightness)	BF
Nominal and partial load heat output	12.1 / 3.8 kW
Nominal and partial load water heat output	9.4 / 2.6 kW
Efficiency at nominal and partial load heat output	90.2 / 93.1 %
Energy class (scale A++/G)	A+
Energy efficiency index	127 %
Seasonal space heating efficiency	87 %
Flue gas outlet temperature at nominal heat output**	195 °C
Flue gas outlet temperature at part load heat output**	101 °C
CO / PM / OGC / NOx at 13% O ₂ at nominal heat output	98 / 8 / 1 / 98 mg/Nm ³
CO / PM / OGC / NOx at 13% O ₂ at partial load heat output	194 / 10 / 1 / 89 mg/Nm ³
CO ₂ at nominal and partial load heat output	11.9 / 6.2 %
Boiler liters content	14 l
Permissible maximum water operating pressure	2 bar / 200 kPa
Minimum flue draught at nominal heat output ****	11 Pa
Minimum flue draught at partial load heat output ****	2 Pa
Flue gas mass flow at nominal and partial load heat output	8.3 / 4.7 g/sec
Pellet tank capacity (litres/kg) *	31 l / 20 kg
Fuel type	Wood Pellet (L)
Fuel dimensions	Ø6mm L3÷40mm
Fuel consumption at nominal and partial load heat output *	2.8 / 0.9 kg/h
Pellet tank autonomy at nominal and partial load heat output*	7 / 23 h
Heatable volume ***	220 / 346 / 605 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)	69 W (max 417 W)
Power supply voltage and frequency	230 Volt / 50 Hz
Mass of the appliance	137 kg
Minimum distance to combustible materials (rear/side/bottom)	200 / 200 / 0 mm
Minimum distance to combustible materials (front/ceiling)	2000 / 750 mm

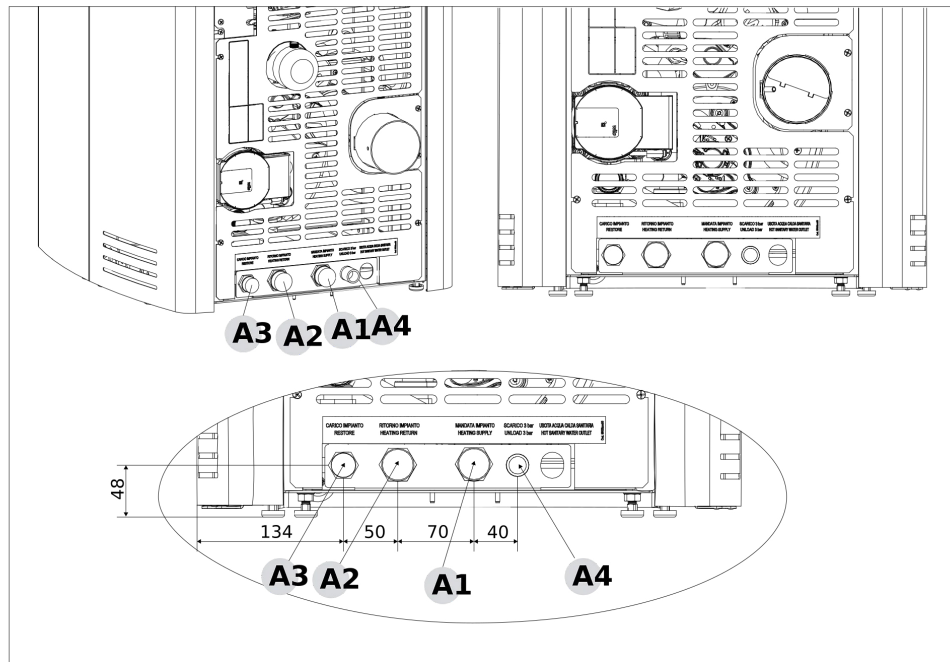
* Values that can vary due to the used combustible

** 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

Hydraulic system connection



- A1 = Heating water supply
- A2 = Heating water return
- A3 = System filling / Domestic cold-water inlet
- A4 = System drain
- A5 = Domestic hot-water outlet



It is strongly recommended to flush the entire system before connecting it in order to remove residues and deposits. Always install shut-off valves upstream of the stove to isolate it from the water system should it be necessary to move it for ordinary and/or extraordinary maintenance. Connect the stove using flexible pipes to avoid excessively constraining the stove to the system and to allow slight movements.