

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

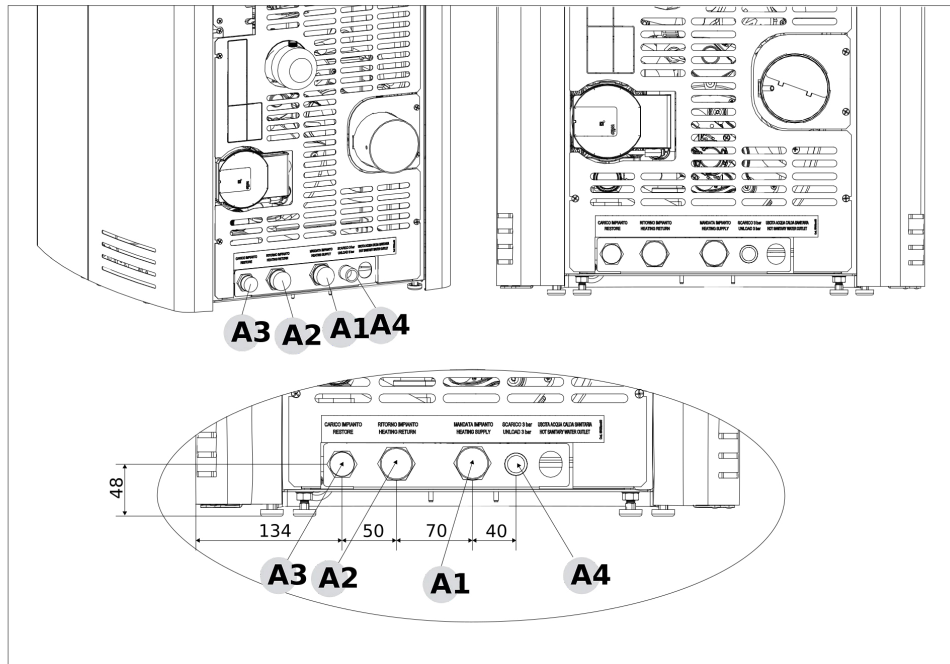
(Max) nominal heat output	8 kW
(Max) nominal heat output (H₂O)	6 kW
Minimum heat output	3.8 kW
Minimum heat output (H₂O)	2.6 kW
Efficiency at Max	92 %
Efficiency at Min	93.1 %
Energy Efficiency Class (A++ / G scale)	A+
Energy Efficiency Index (EEI)	129 %
Seasonal space heating energy efficiency (η_s)	88 %
Temperature of exhaust smoke at Max	148 °C ***
Temperature of exhaust smoke at Min	101 °C ***
PM / OGC / NOx at Max (13% O₂)	9 / 1 / 93 mg/Nm³
PM / OGC / NOx at Min (13% O₂)	10 / 1 / 89 mg/Nm³
CO at 13% O₂ at Min and at Max	0.016 / 0.007 %
CO₂ at Min and at Max	6.2 / 9.7 %
Boiler liters content	13.5 l
Maximum operating pressure	2 bar
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 m³	145 / 229 / 400 **
Combustion air inlet	Ø 50 mm
Air inlet	80 cm²
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



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



It is strongly recommended to wash the entire system before connecting it in order to get rid of residues and deposits. Always install shutters in the system leading to the stove so as to disconnect it from the hydraulic system should it be necessary to move it, or when it requires routine and/or special maintenance. Connect the stove using flexible pipes so that the stove is not excessively constrained to the system, and to allow slight movements.