

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

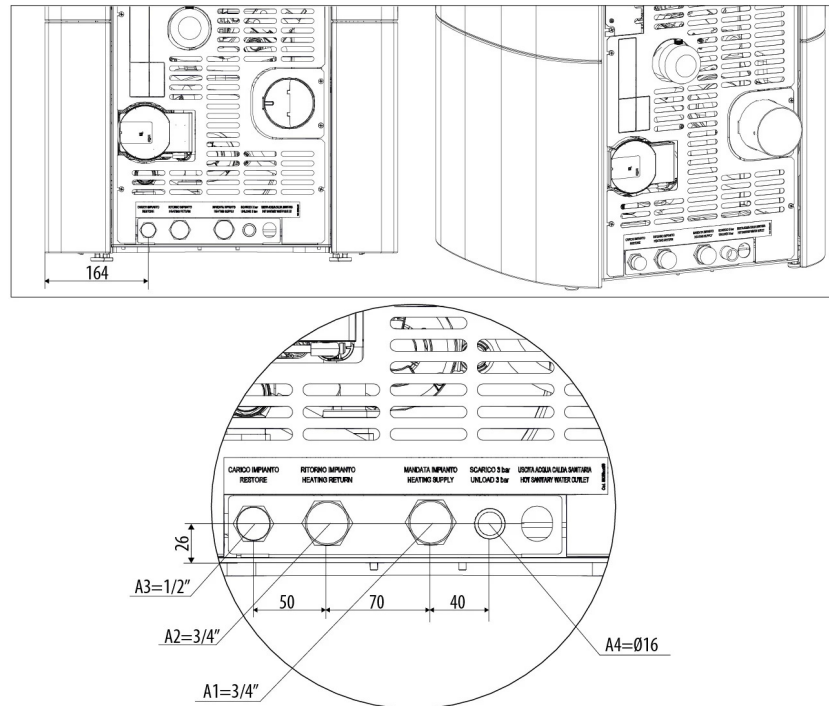
(Max) nominal heat output	17.7 kW
(Max) nominal heat output (H <sub>2</sub> O)	12.7 kW
Minimum heat output	4.4 kW
Minimum heat output (H <sub>2</sub> O)	2.3 kW
Efficiency at Max	94.8 %
Efficiency at Min	95.9 %
Energy Efficiency Class (A++ / G scale)	A++
Energy Efficiency Index (EEI)	134 %
Seasonal space heating energy efficiency (η <sub>s</sub> )	92 %
Temperature of exhaust smoke at Max	144 °C ***
Temperature of exhaust smoke at Min	78 °C ***
PM / OGC / NO <sub>x</sub> at Max (13% O <sub>2</sub> )	10 / 2 / 99 mg/Nm <sup>3</sup>
PM / OGC / NO <sub>x</sub> at Min (13% O <sub>2</sub> )	12 / 6 / 100 mg/Nm <sup>3</sup>
CO at 13% O <sub>2</sub> at Min and at Max	0.017 / 0.009 %
CO <sub>2</sub> at Min and at Max	5.9 / 13 %
Boiler liters content	14 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	5.4 / 10.6 g/sec
Hopper capacity	40 l / 26 kg *
Fuel dimensions	Ø6mm L3÷40mm
Hourly consumption at Min and at Max	1 / 3.9 kg/h *
Autonomy at Min and at Max	26 / 7 h *
Heatable volume m <sup>3</sup>	322 / 506 / 885 **
Combustion air inlet	Ø 50 mm
Air inlet	80 cm <sup>2</sup>
Smoke outlet	Ø 80 mm
Nominal electrical power (EN 60335-1).	126 W (max 370 W)
Supply voltage and frequency	230 Volt / 50 Hz
Net weight	197 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 m<sup>3</sup> (respectively 55-35-20 W/m<sup>3</sup>)

\*\*\* 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.