

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

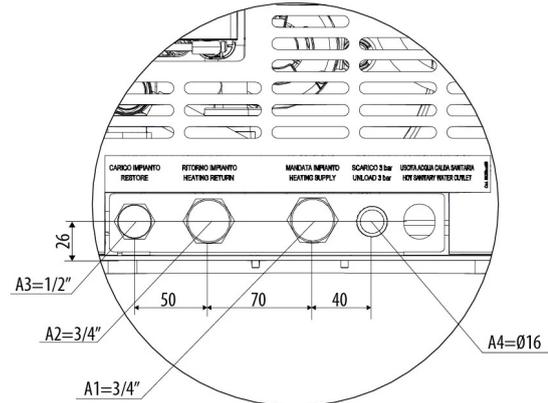
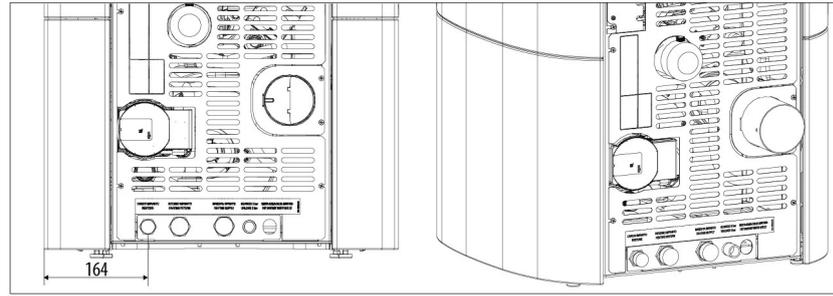
<b>(Max) nominal heat output</b>	<b>17.7 kW</b>
<b>(Max) nominal heat output (H<sub>2</sub>O)</b>	<b>12.7 kW</b>
<b>Minimum heat output</b>	<b>4.4 kW</b>
<b>Minimum heat output (H<sub>2</sub>O)</b>	<b>2.3 kW</b>
<b>Efficiency at Max</b>	<b>94.8 %</b>
<b>Efficiency at Min</b>	<b>95.9 %</b>
<b>Energy Efficiency Class (A++ / G scale)</b>	<b>A++</b>
<b>Energy Efficiency Index (EEI)</b>	<b>134 %</b>
<b>Seasonal space heating energy efficiency (η<sub>s</sub>)</b>	<b>92 %</b>
<b>Temperature of exhaust smoke at Max</b>	<b>144 °C ***</b>
<b>Temperature of exhaust smoke at Min</b>	<b>78 °C ***</b>
<b>PM / OGC / NOx at Max (13% O<sub>2</sub>)</b>	<b>10 / 2 / 99 mg/Nm<sup>3</sup></b>
<b>PM / OGC / NOx at Min (13% O<sub>2</sub>)</b>	<b>12 / 6 / 100 mg/Nm<sup>3</sup></b>
<b>CO at 13% O<sub>2</sub> at Min and at Max</b>	<b>0.017 / 0.009 %</b>
<b>CO<sub>2</sub> at Min and at Max</b>	<b>5.9 / 13 %</b>
<b>Boiler liters content</b>	<b>14 l</b>
<b>Maximum operating pressure</b>	<b>2 bar / 200 kPa</b>
<b>Recommended draught at Max power</b>	<b>10 Pa ****</b>
<b>Minimum draught allowed for minimum power</b>	<b>2 Pa ****</b>
<b>Mass of smoke at Min and at Max</b>	<b>5.4 / 10.6 g/sec</b>
<b>Hopper capacity</b>	<b>40 l / 26 kg *</b>
<b>Fuel dimensions</b>	<b>Ø6mm L3÷40mm</b>
<b>Hourly consumption at Min and at Max</b>	<b>1 / 3.9 kg/h *</b>
<b>Autonomy at Min and at Max</b>	<b>26 / 7 h *</b>
<b>Heatable volume m<sup>3</sup></b>	<b>322 / 506 / 885 **</b>
<b>Combustion air inlet</b>	<b>Ø 50 mm</b>
<b>Air inlet</b>	<b>80 cm<sup>2</sup></b>
<b>Smoke outlet</b>	<b>Ø 80 mm</b>
<b>Nominal electrical power (EN 60335-1).</b>	<b>126 W (max 370 W)</b>
<b>Supply voltage and frequency</b>	<b>230 Volt / 50 Hz</b>
<b>Net weight</b>	<b>197 kg</b>
<b>Distance from combustible material (back/side/under)</b>	<b>200 / 200 / 0 mm</b>
<b>Distance from combustible material (front/ceiling)</b>	<b>750 / 1000 mm</b>

\* 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.