

EN 14785

BlmSchV Stufe 2

Regensburger BStV / Aachener BStV / Munchener BStV

ART.15a B-VG / Klimafonds / LRV

5 stelle DM.186 / Conto Termico 2.0

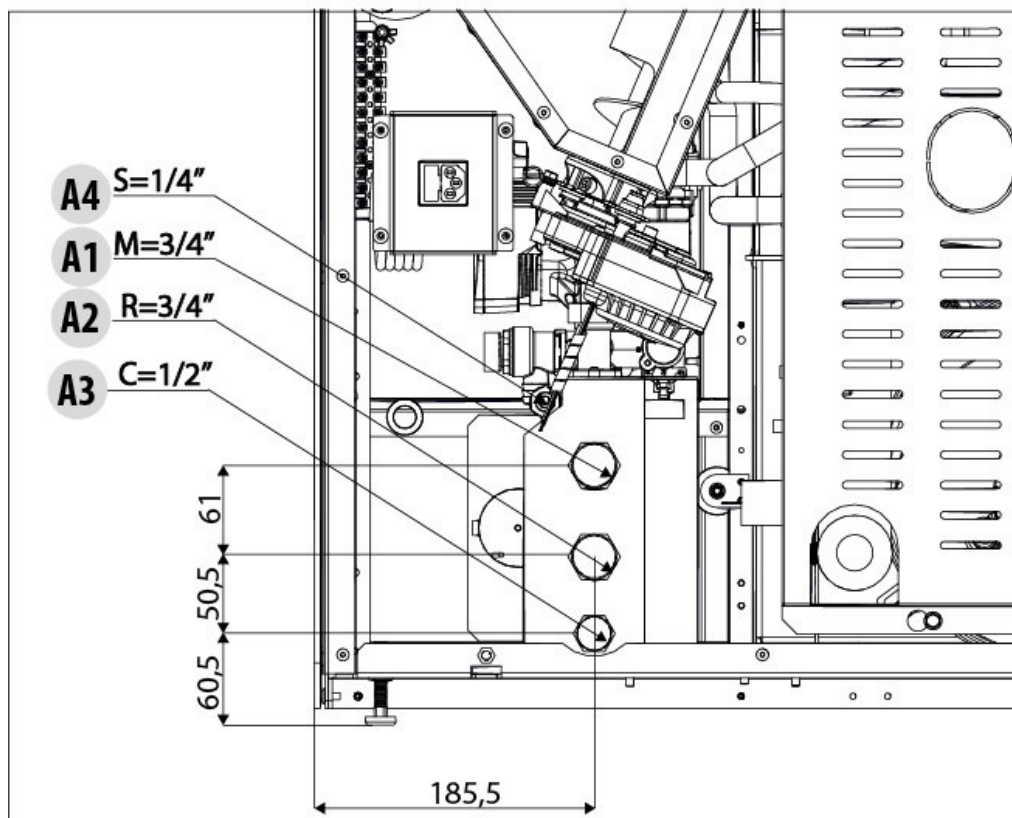


**BAFA**  
Bundesamt für Wirtschaft  
und Ausfuhrkontrolle

<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>107 °C</b>
<b>Temperature of exhaust smoke at Min</b>	<b>55 °C</b>
<b>Particulate/OGC / Nox (nominal at 13%O<sub>2</sub>)</b>	<b>10 - 2 - 99 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>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>43 l</b>
<b>Fuel dimensions</b>	<b>Ø 6mm L 3 ÷ 40mm</b>
<b>Pellet hourly consumption</b>	<b>1 - 3.9 kg/h *</b>
<b>Autonomy</b>	<b>28 - 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>Smoke outlet</b>	<b>Ø 80 mm</b>
<b>Air inlet</b>	<b>80 cm<sup>2</sup></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>190 kg</b>
<b>Distance from combustibile material (back/side/under)</b>	<b>20 mm / 200 mm / 0 mm</b>
<b>Distance from combustibile material (front/ceiling)</b>	<b>750 mm / 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>)



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.