



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



Heating technical data

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|---|--------------------------------------|
| Appliance Type (tightness) | CM |
| Nominal and partial load heat output | 8.8 / 3.6 kW |
| Efficiency at nominal and partial load heat output | 90.1 / 93.2 % |
| Energy class (scale A++/G) | A+ |
| Energy efficiency index | 126 % |
| Seasonal space heating efficiency | 85 % |
| Flue gas outlet temperature at nominal heat output** | 167 °C |
| Flue gas outlet temperature at part load heat output** | 94 °C |
| CO / PM / OGC / NOx at 13% O ₂ at nominal heat output | 98 / 7 / 1 / 99 mg/Nm ³ |
| CO / PM / OGC / NOx at 13% O ₂ at partial load heat output | 170 / 15 / 1 / 97 mg/Nm ³ |
| CO ₂ at nominal and partial load heat output | 9.7 / 5.9 % |
| Minimum flue draught at nominal heat output **** | 10 Pa |
| Minimum flue draught at partial load heat output **** | 5 Pa |
| Flue gas mass flow at nominal and partial load heat output | 7.1 / 4.5 g/sec |
| Pellet tank capacity (litres/kg) * | 35 l / 23 kg |
| Fuel type | Wood Pellet (L) |
| Fuel dimensions | Ø6mm L3÷40mm |
| Fuel consumption at nominal and partial load heat output * | 2 / 0.8 kg/h |
| Pellet tank autonomy at nominal and partial load heat output* | 12 / 29 h |
| Heatable volume *** | 160 / 251 / 440 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) | 118 W (max 360 W) |
| Power supply voltage and frequency | 230 Volt / 50 Hz |
| Mass of the appliance | 180 kg |
| Minimum distance to combustible materials (rear/side/bottom) | 250 / 100 / 200 mm |
| Minimum distance to combustible materials (front/ceiling) | 1000 / 1030 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