



EN 16510
BlmSchV Stufe 2
Regensburger BStV / Aachener BStV / Munchener BStV
ART.15a B-VG / Klimafonds / LRV
4 stelle DM.186 / Conto Termico 2.0



| | |
|---|----------------------------|
| (Max) nominal heat output | 8 kW |
| Minimum heat output | 2.5 kW |
| Efficiency at Max | 90.4 % |
| Efficiency at Min | 92 % |
| Energy Efficiency Class (A++ / G scale) | A+ |
| Energy Efficiency Index (EEI) | 120 % |
| Seasonal space heating energy efficiency (ηs) | 80 % |
| Temperature of exhaust smoke at Max | 235 °C *** |
| Temperature of exhaust smoke at Min | 124 °C *** |
| PM / OGC / NOx at Max (13% O2) | 16 / 1 / 137 mg/Nm3 |
| PM / OGC / NOx at Min (13% O2) | 27 / 2 / 131 mg/Nm3 |
| CO at 13% O2 at Min and at Max | 0.055 / 0.003 % |
| CO2 at Min and at Max | 7.4 / 14.1 % |
| Recommended draught at Max power | 10 Pa **** |
| Minimum draught allowed for minimum power | 5 Pa **** |
| Mass of smoke at Min and at Max | 2.5 / 4.3 g/sec |
| Hopper capacity | 32 l / 21 kg * |
| Fuel dimensions | Ø6mm L3÷40mm |
| Hourly consumption at Min and at Max | 0.6 / 1.8 kg/h * |
| Autonomy at Min and at Max | 35 / 12 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). | 70 W (max 350 W) |
| Supply voltage and frequency | 230 Volt / 50 Hz |
| Net weight | 130 kg |
| Distance from combustible material (back/side/under) | 50 / 100 / 0 mm |
| Distance from combustible material (front/ceiling) | 800 / 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