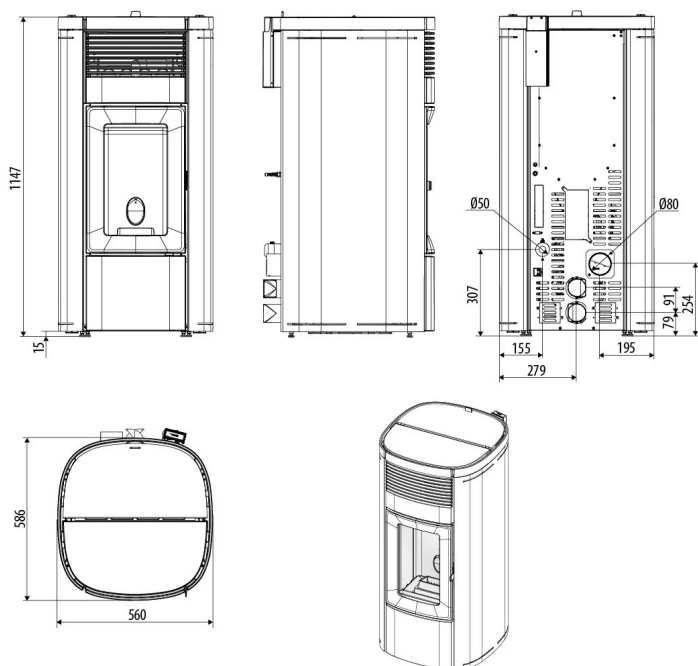


EN 16510

BlmSchV Stufe 2

Regensburger BStV / Aachener BStV / Munchener BStV

ART.15a B-VG / Klimafonds / LRV

4 stelle DM.186 / Conto Termico 2.0



## Heating technical data

|                                                       |                                 |
|-------------------------------------------------------|---------------------------------|
| (Max) nominal heat output                             | 11.9 kW                         |
| Minimum heat output                                   | 3.9 kW                          |
| Efficiency at Max                                     | 90.8 %                          |
| Efficiency at Min                                     | 93.5 %                          |
| Energy Efficiency Class (A++ / G scale)               | A+                              |
| Energy Efficiency Index (EEI)                         | 128 %                           |
| Seasonal space heating energy efficiency ( $\eta_s$ ) | 87 %                            |
| Temperature of exhaust smoke at Max                   | 232 °C ***                      |
| Temperature of exhaust smoke at Min                   | 103 °C ***                      |
| PM / OGC / NOx at Max (13% O <sub>2</sub> )           | 14 / 1 / 148 mg/Nm <sup>3</sup> |
| PM / OGC / NOx at Min (13% O <sub>2</sub> )           | 14 / 1 / 98 mg/Nm <sup>3</sup>  |
| CO at 13% O <sub>2</sub> at Min and at Max            | 0.014 / 0.008 %                 |
| CO <sub>2</sub> at Min and at Max                     | 7 / 13.5 %                      |
| Recommended draught at Max power                      | 10 Pa ****                      |
| Minimum draught allowed for minimum power             | 5 Pa ****                       |
| Mass of smoke at Min and at Max                       | 4.2 / 6.4 g/sec                 |
| Hopper capacity                                       | 46 l / 30 kg *                  |
| Fuel dimensions                                       | Ø6mm L3÷40mm                    |
| Hourly consumption at Min and at Max                  | 0.9 / 2.7 kg/h *                |
| Autonomy at Min and at Max                            | 33 / 11 h *                     |
| Heatable volume m3                                    | 216 / 340 / 595 **              |
| Combustion air inlet                                  | Ø 50 mm                         |
| Air inlet                                             | 80 cm2                          |
| Smoke outlet                                          | Ø 80 mm                         |
| Nominal electrical power (EN 60335-1).                | 129 W (max 340 W)               |
| Supply voltage and frequency                          | 230 Volt / 50 Hz                |
| Net weight                                            | 180 kg                          |
| Distance from combustibile material (back/side/under) | 120 / 250 / 0 mm                |
| Distance from combustibile 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