



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



|                                                      |                               |
|------------------------------------------------------|-------------------------------|
| (Max) nominal heat output                            | 6 kW                          |
| Minimum heat output                                  | 2.9 kW                        |
| Efficiency at Max                                    | 91.8 %                        |
| Efficiency at Min                                    | 92 %                          |
| Energy Efficiency Class (A++ / G scale)              | A++                           |
| Energy Efficiency Index (EEI)                        | 130 %                         |
| Seasonal space heating energy efficiency (ηs)        | 89 %                          |
| Temperature of exhaust smoke at Max                  | 138 °C ***                    |
| Temperature of exhaust smoke at Min                  | 112 °C ***                    |
| PM / OGC / NOx at Max (13% O <sub>2</sub> )          | 9 / 1 / 94 mg/Nm <sup>3</sup> |
| PM / OGC / NOx at Min (13% O <sub>2</sub> )          | 8 / 1 / 96 mg/Nm <sup>3</sup> |
| CO at 13% O <sub>2</sub> at Min and at Max           | 0.007 / 0.006 %               |
| CO <sub>2</sub> at Min and at Max                    | 7.2 / 10.7 %                  |
| Recommended draught at Max power                     | 10 Pa ****                    |
| Minimum draught allowed for minimum power            | 5 Pa ****                     |
| Mass of smoke at Min and at Max                      | 3 / 4.4 g/sec                 |
| Hopper capacity                                      | 37 l / 24 kg *                |
| Fuel dimensions                                      | Ø6mm L3÷40mm                  |
| Hourly consumption at Min and at Max                 | 0.7 / 1.4 kg/h *              |
| Autonomy at Min and at Max                           | 34 / 17 h *                   |
| Heatable volume m3                                   | 109 / 171 / 300 **            |
| Combustion air inlet                                 | Ø 140 mm                      |
| Air inlet                                            | 80 cm2                        |
| Smoke outlet                                         | Ø 80 mm                       |
| Nominal electrical power (EN 60335-1).               | 55 W (max 386 W)              |
| Supply voltage and frequency                         | 230 Volt / 50 Hz              |
| Net weight                                           | 220 kg                        |
| Distance from combustible material (back/side/under) | 50 / 600 / 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