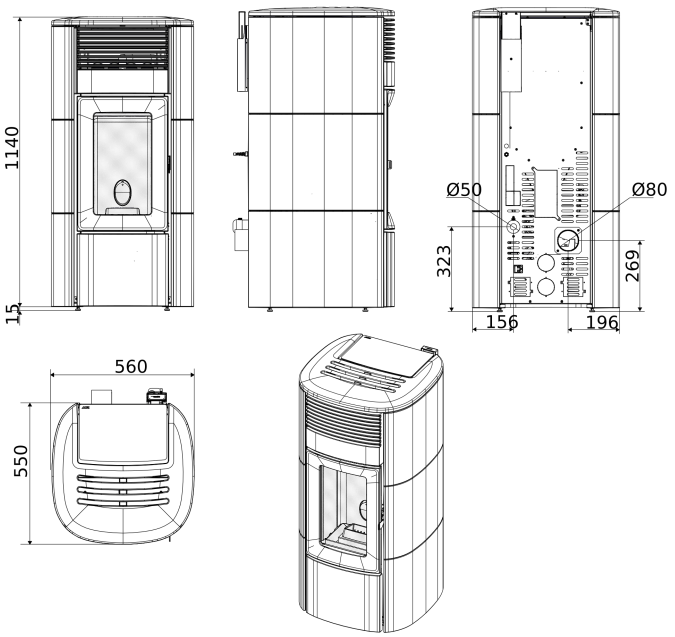
TECHNICAL SHEET

CLUB AIRMATIC 10R M3 CORE

Rev. 2024051401



EN 16510
BImSChV 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	**10 kW**
Minimum heat output	**2.4 kW**
Efficiency at Max	**88 %**
Efficiency at Min	**92.9 %**
Energy Efficiency Class (A++ / G scale)	**A+**
Energy Efficiency Index (EEI)	**125 %**
Seasonal space heating energy efficiency (ηs)	**85 %**
Temperature of exhaust smoke at Max	**218 °C *****
Temperature of exhaust smoke at Min	**94.8 °C *****
PM / OGC / NOx at Max (13% O2)	**9 / 2 / 95 mg/Nm3**
PM / OGC / NOx at Min (13% O2)	**7 / 3 / 88 mg/Nm3**
CO at 13% O_2 at Min and at Max	**0.011 / 0.009 %**
CO_2 at Min and at Max	**5.9 / 12.7 %**
Recommended draught at Max power	**10 Pa ******
Minimum draught allowed for minimum power	**5 Pa ******
Mass of smoke at Min and at Max	**3.1 / 6.4 g/sec**
Hopper capacity	**46 l / 30 kg ***
Fuel dimensions	**Ø6mm L3÷40mm**
Hourly consumption at Min and at Max	**0.6 / 2.3 kg/h ***
Autonomy at Min and at Max	**50 / 13 h ***
Heatable volume m3	**182 / 286 / 500 ****
Combustion air inlet	**Ø 60 mm**
Air inlet	**80 cm2**
Smoke outlet	**Ø 80 mm**
Nominal electrical power (EN 60335-1).	**50 W (max 340 W)**
Supply voltage and frequency	**230 Volt / 50 Hz**
Net weight	**165 kg**
Distance from combustible material (back/side/under)	**40 / 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