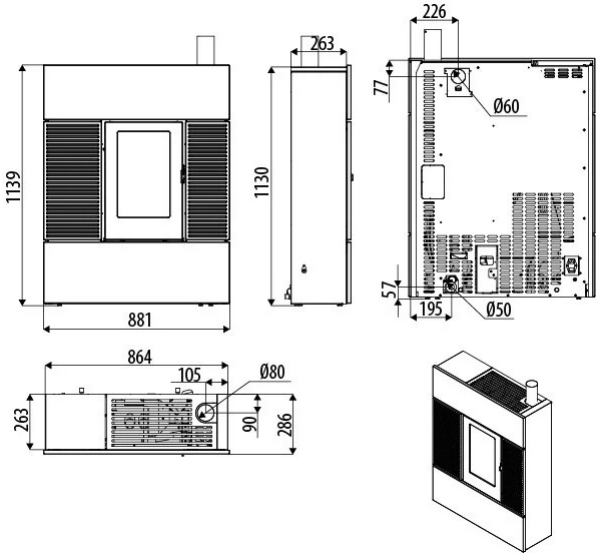
TECHNICAL SHEET

RAY COMFORT AIR 8 UP! M2

Rev. 2023013001



EN 14785
BImSChV 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	**7.8 kW**
Minimum heat output	**3.6 kW**
Efficiency at Max	**90.2 %**
Efficiency at Min	**90.1 %**
Energy Efficiency Class (A++ / G scale)	**A+**
Energy Efficiency Index (EEI)	**127 %**
Seasonal space heating energy efficiency (ηs)	**86 %**
Temperature of exhaust smoke at Max	**179 °C**
Temperature of exhaust smoke at Min	**114 °C**
Particulate/OGC / Nox (nominal at 13%O2)	**11 - 1 - 119 mg/Nm3**
CO at 13% O_2 at Min and at Max	**0.015 - 0.008 %**
CO_2 at Min and at Max	**7.2 - 12.1 %**
Recommended draught at Max power	**10 Pa**
Minimum draught allowed for minimum power	**5 Pa**
Mass of smoke at Min and at Max	**3.9 - 4.7 g/sec**
Hopper capacity	**28 l**
Fuel dimensions	**Ø 6mm L 3 ÷ 40mm**
Hourly consumption at Min and at Max	**0.8 - 1.75 kg/h ***
Autonomy at Min and at Max	**23 - 10 h ***
Heatable volume m3	**142 - 223 - 390 ****
Combustion air inlet	**Ø 50 mm**
Air inlet	**80 cm2**
Smoke outlet	**Ø 80 mm**
Nominal electrical power (EN 60335-1).	**90 W (max 340 W)**
Supply voltage and frequency	**230 Volt / 50 Hz**
Net weight	**155 kg**
Distance from combustible material (back/side/under)	**30 mm / 100 mm / 0 mm**
Distance from combustible material (front/ceiling)	**800 mm / 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)