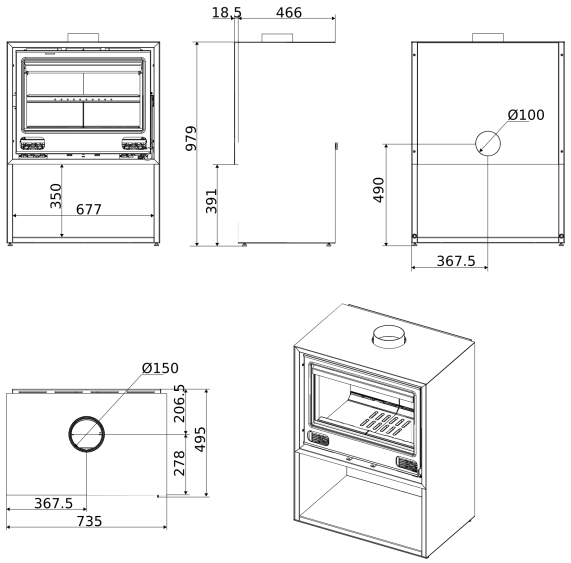
TECHNICAL SHEET

STEEL CASE 70

Rev. 2024073001



EN 13240
BImSChV Stufe 2
Regensburger BStV / Aachener BStV / Munchener BStV
LRV
4 stelle DM.186 / Conto Termico 2.0

(Max) nominal heat output	**8.8 kW**
Minimum heat output	**4.2 kW**
Efficiency at Max	**85.3 %**
Efficiency at Min	**80.2 %**
Energy Efficiency Class (A++ / G scale)	**A+**
Energy Efficiency Index (EEI)	**114 %**
Seasonal space heating energy efficiency (ηs)	**75 %**
Temperature of exhaust smoke at Max	**262 °C *****
Temperature of exhaust smoke at Min	**193 °C *****
PM / OGC / NOx at Max (13% O2)	**11 / 58 / 121 mg/Nm3**
PM / OGC / NOx at Min (13% O2)	**35 / 690 / 84 mg/Nm3**
CO at 13% O_2 at Min and at Max	**0.35 / 0.076 %**
CO_2 at Min and at Max	**5.9 / 10.1 %**
Recommended draught at Max power	**12 Pa**
Minimum draught allowed for minimum power	**10 Pa**
Mass of smoke at Min and at Max	**6 / 6.8 g/sec**
Fuel dimensions	**L250÷330mm**
Hourly consumption at Min and at Max	**1.22 / 2.41 kg/h ***
Heatable volume m3	**160 / 251 / 440 ****
Combustion air inlet	**Ø 100 mm**
Air inlet	**100 cm2**
Smoke outlet	**Ø 150 mm**
Nominal electrical power (EN 60335-1).	**22 W**
Supply voltage and frequency	**230 Volt / 50 Hz**
Net weight	**192,5 kg**
Distance from combustible material (back/side/under)	**180 / 230 / 0 mm**
Distance from combustible material (front/ceiling)	**750 / 1300 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)