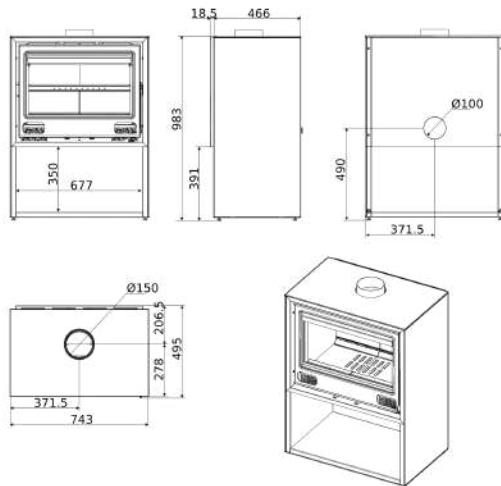




EN 16510
BlmSchV Stufe 2
Regensburger BStV / Aachener BStV / Munchener BStV
LRV
4 stelle DM.186



Heating technical data

Appliance Type (tightness)	BE
Nominal and partial load heat output	8.8 / 4.2 kW
Efficiency at nominal and partial load heat output	85.3 / 80.2 %
Energy class (scale A++/G)	A+
Energy efficiency index	113 %
Seasonal space heating efficiency	75 %
Flue gas outlet temperature at nominal heat output**	262 °C
Flue gas outlet temperature at part load heat output**	193 °C
CO / PM / OGC / NOx at 13% O ₂ at nominal heat output	944 / 11 / 58 / 121 mg/Nm ³
CO / PM / OGC / NOx at 13% O ₂ at partial load heat output	4372 / 35 / 690 / 84 mg/Nm ³
CO ₂ at nominal and partial load heat output	10.1 / 5.9 %
Minimum flue draught at nominal heat output ****	12 Pa
Minimum flue draught at partial load heat output ****	10 Pa
Flue gas mass flow at nominal and partial load heat output	6.8 / 6 g/sec
Fuel type	Wood logs (I)
Fuel dimensions	L250÷330mm
Fuel consumption at nominal and partial load heat output *	2.4 / 1.2 kg/h
Heatable volume ***	160 / 251 / 440 m ³
Combustion air inlet diameter (mm)	Ø 100 mm
Ventilation air intake section (cm ²)	100 cm ²
Diameter of the flue gas outlet	Ø 150 mm
Electrical consumption at nominal heat output	22 W
Power supply voltage and frequency	230 Volt / 50 Hz
Mass of the appliance	191 kg
Minimum distance to combustible materials (rear/side/bottom)	180 / 230 / 0 mm
Minimum distance to combustible materials (front/ceiling)	1300 / 750 mm

* Values that can vary due to the used combustible

** Flue gas temperature at the appliance outlet, to be used in the chimney sizing calculation (according to EN 13384-1)

*** Heatable volume depending on the power required per m³ (respectively 55–35–20 W/m³)