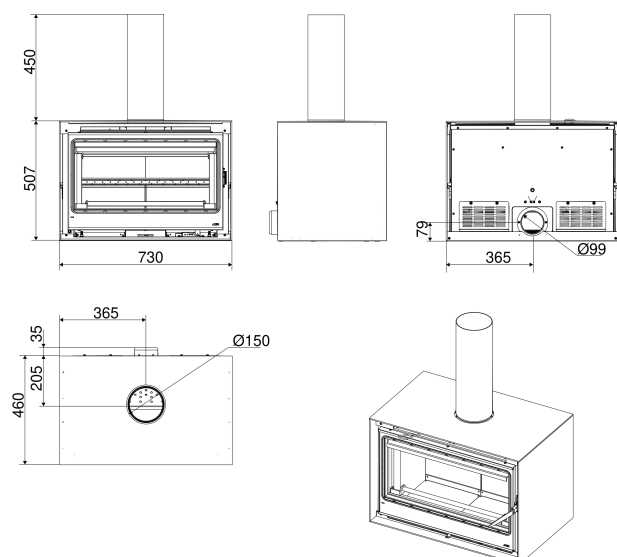


EN 16510
BlmSchV Stufe 2
Regensburger BStV / Aachener BStV / Munchener BStV
LRV
5 stelle DM.186 / Conto Termico 3.0



Heating technical data

Appliance Type (tightness)	BE
Nominal and partial load heat output	8.6 / 5 kW
Efficiency at nominal and partial load heat output	85.3 / 85 %
Energy class (scale A++/G)	A+
Energy efficiency index	115 %
Seasonal space heating efficiency	76 %
Flue gas outlet temperature at nominal heat output**	300 °C
Flue gas outlet temperature at part load heat output**	240 °C
CO / PM / OGC / NOx at 13% O ₂ at nominal heat output	650 / 15 / 35 / 100 mg/Nm ³
CO / PM / OGC / NOx at 13% O ₂ at partial load heat output	1500 / 30 / 120 / 109 mg/Nm ³
CO ₂ at nominal and partial load heat output	11.8 / 8.8 %
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 / 4.5 g/sec
Fuel type	Wood logs (I)
Fuel dimensions	L250÷330mm
Fuel consumption at nominal and partial load heat output *	2.2 / 1.3 kg/h
Heatable volume ***	156 / 246 / 430 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
Mass of the appliance	125 kg
Minimum distance to combustible materials (rear/side/bottom)	60 / 60 / 50 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)