

Alhena



Cooker Alhena brings together three essentials: food, warmth and aesthetics. Requiring no external energy source except wood, it's designed for those who appreciate the luxury of self-sufficiency.

The generously sized combustion chamber is equipped with both summer and winter grates. During the warmer months, the chamber volume can be reduced by around 50%, maintaining full cooking performance while preventing the room from overheating. A built-in thermometer in the oven's viewing window allows you to check the baking temperature at a glance, whenever you need.

Visually, Alhena fits seamlessly into a wide range of interiors. It is available in left- or right-hand versions and offers a wide array of finishes: serpentine (natural stone), cast iron (in grey or black) and enamelled steel (in Bordeaux, crème or black). A selection of matching accessories also lets you customise the cooker to your individual needs.

Technical Data

Efficiency : 76,6 %
 Nominal heat output : 6,6 kW
 Heat output range : 6-9,5 kW
 1. BlmSchV - Stufe 2 : Fulfilled
 Ecodesign 2022 : Fulfilled

Flue gas temperature : 198 °C
 Flue gas temp. at the collar : 238 °C
 Flue gas mass flow : 13 m (g/s)
 Flue draught : 13 Pa
 Mean CO₂-concentration : 5,60 %

Energy efficiency class:



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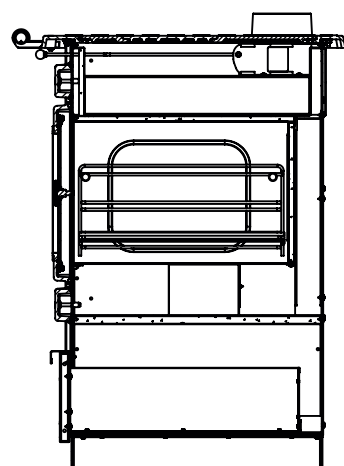
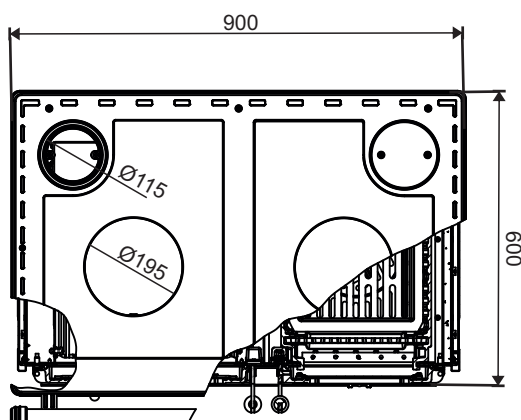
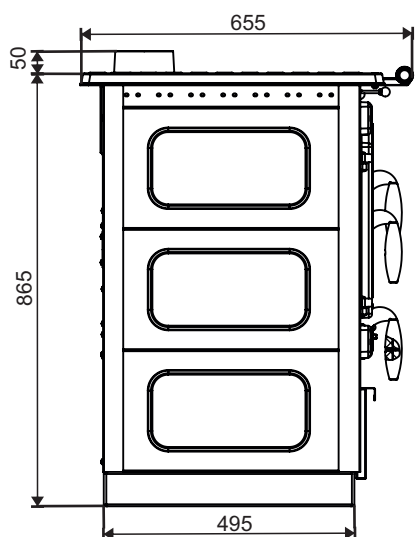
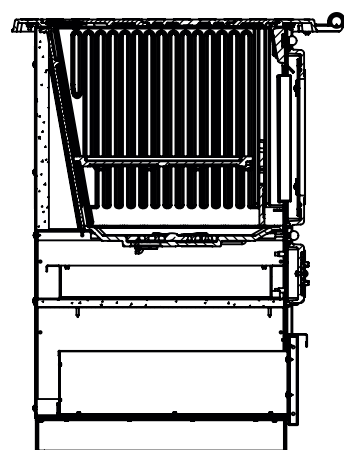
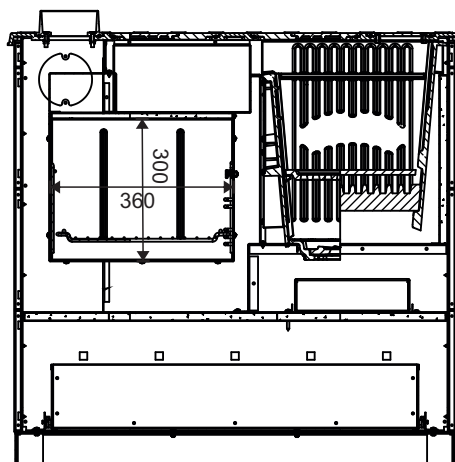
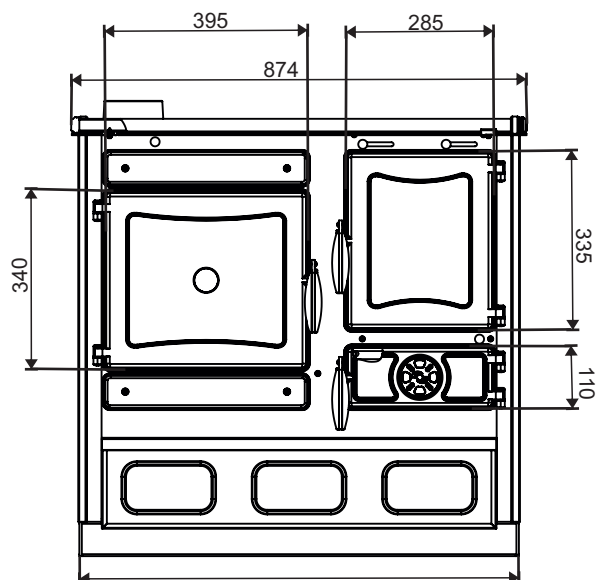
Drawings, measurements and technical information

Finishes/Cladding:

Serpentine (natural stone)

Cast iron (in grey or black)

Enamelled steel (in bordeaux, crème or black)

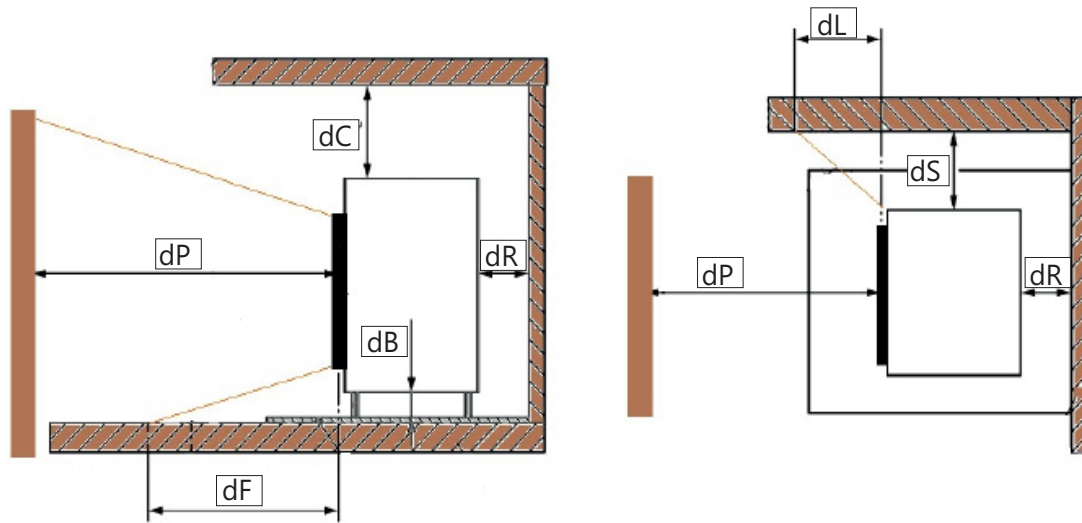


Extra details/Technical information

Measurements in mm HxWxD	Combustion chamber in mm HxWxD	Stove window in mm HxW	Door opening in mm HxW	Oven in mm HxWxD	Combustion chamber material	Weight	Flue collar Ø in mm	Flue collar exit
865x900x655	420x250x300	250x200	265x215	300x360x425	Cast Iron	180-207 kg	120	Top /Rear
Fuel	Air control	Primary air	Secondary air	Tertiary air	Rotating grate	Ash pan	<i>Bauart</i>	Type of appliance
Wood	Primary air slider Secondary air slider	Yes	Yes	Yes	Yes	Yes	Type 1	Intermittent
Emissions	CO: ≤ 1250 mg/m ³		NOx: ≤ 200 mg/m ³		OGC: ≤ 120 mg/m ³		Dust (PM): ≤ 20 mg/m ³	

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Safety distances



Maintain the following minimum distances to combustibles (e.g. walls, furniture, curtains):

- dB = non-combustible floor
- dR = 20 cm
- dS combustion chamber = 30 cm
- dS Oven = 30 cm
- dF = 20 cm
- dP = 80 cm
- dL = 55 cm
- dC = 75 cm (Default value)

For possible options to reduce these distances — e.g. by installing a heat shield with air circulation on both sides or installing calcium silicate boards as insulation — please consult your chimney sweeper/installer.

Also, do not install the appliance directly on combustible or heat-sensitive flooring. In such cases, a non-comustible hearth plate / covering must be used. This must extend at least 50 cm in front of the door opening, and at least 30 cm to each side beyond the door opening. Always follow local and national fire-safety regulations when selecting and installing floor protection.

To ensure proper air circulation and a sufficient supply of fresh air, we recommend maintaining a minimum distance of 5 cm even from non-combustible materials.