

Herculina S

(ST-670)



Herculina S combines two complementary forms of heat: gentle radiant warmth for immediate comfort, and convection heat that quickly spreads warmth throughout the room. Its thoughtfully engineered design draws in cool air, heats it, and returns it to the room in a steady, even flow, creating a comfortable and consistent warmth. Crafted from solid cast iron, Herculina S is built for longevity and reliable performance for years to come. Resting on its base, it has the presence of a finely made piece of furniture, allowing it to sit naturally within the room.

Herculina S is part of the Herculina-series and also comes in the versions XS, XL and XXL.

Technical Data

Efficiency : 76,1 %
 Nominal heat output : 6,1 kW
 Heat output range : 6 - 8 kW
 1. BlmSchV - Stufe 2 : Fulfilled
 Ecodesign 2022 : Fulfilled

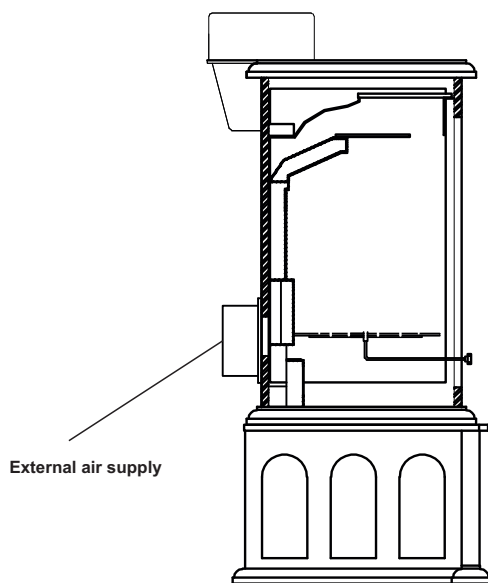
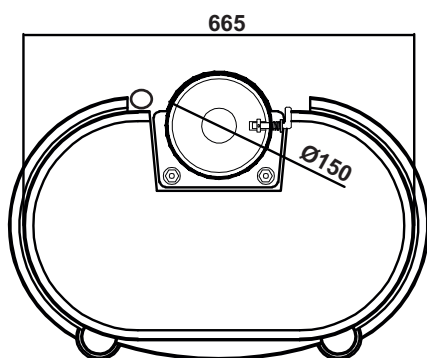
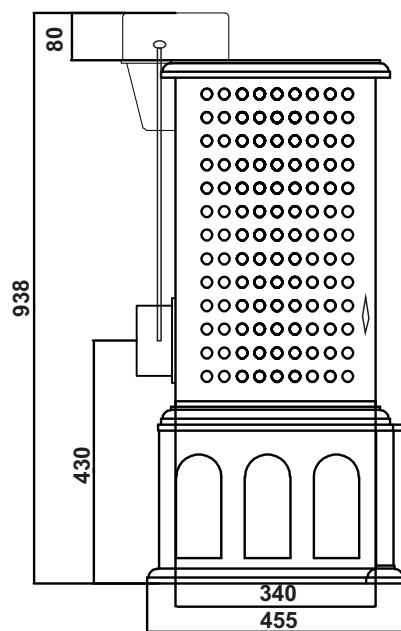
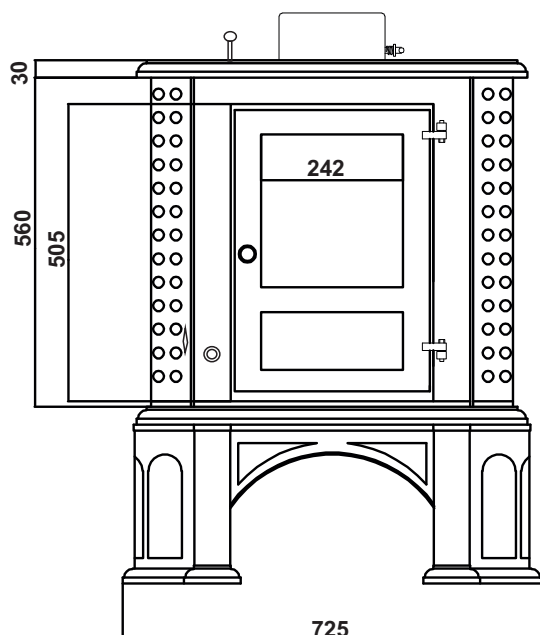
Flue gas temperature : 294 °C
 Flue gas temp. at the collar : 353 °C
 Flue gas mass flow : 6,2 m (g/s)
 Flue draught : 12,0 Pa
 Mean CO₂-concentration : 9,07 %

Energy efficiency class:

A

Herculina S

Drawings, measurements and technical information

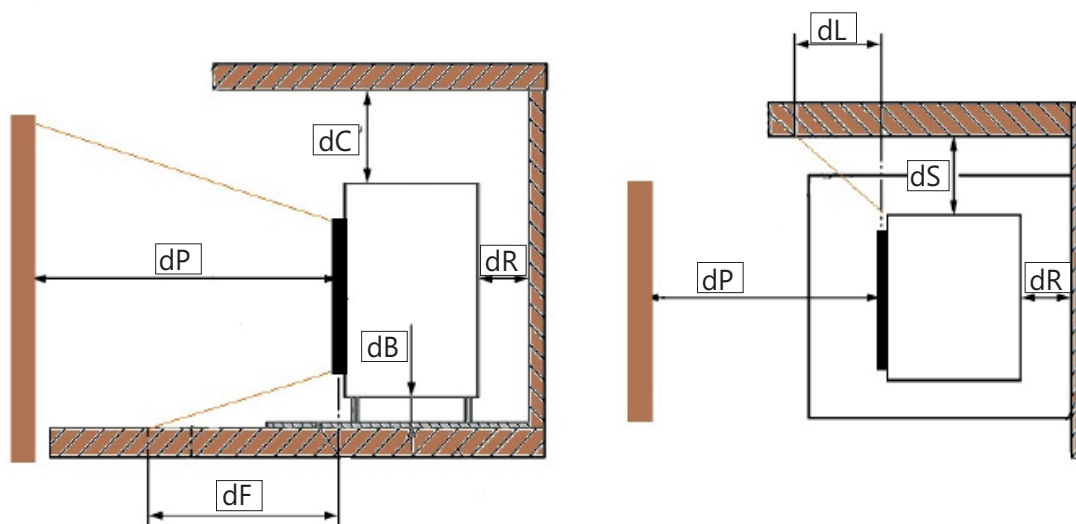


Extra details/Technical information

Measurements in mm HxWxD	Combustion chamber in mm HxWxD	Stove window in mm HxW	Door opening in mm HxW	Colour	Combustion chamber material	Weight	Flue collar Ø in mm	Flue collar exit
940x725x455	350x350x260	270x230	260x300	Black	Cast Iron	ca. 165 kg	150	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 (self-closing door)	Intermittent
Emissions	CO: ≤ 1250 mg/m ³		NOx: ≤ 200 mg/m ³		OGC: ≤ 120 mg/m ³		Dust (PM): ≤ 30 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 = 50 cm
- dS = 30 cm
- dF = 50 cm
- dP = 120 cm
- dL = 40 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-combustible 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.