

Eros I

(ST-2800)



Eros I – a stove straight out of a fairy tale.

Style, elegance and quality are united with the latest combustion technology to create an exceptional piece of heating furniture.

The single front door affords a clear view of the flames, while the left-hand side door allows the stove to be conveniently loaded with logs up to 33 cm in length.

Polished chrome spheres for the top plate are available as an accessory, lending a gracefully finished, decorative touch.

Alternatively, the stove is also available as Eros II, with a double-leaf front door and a right-hand side door.

Technical Data

Efficiency	: 77,6	%
Nominal heat output	: 7,7	kW
Heat output range	: 6,5 - 8,5	kW
1. BlmSchV - Stufe 2	: Fulfilled	
Ecodesign 2022	: Fulfilled	

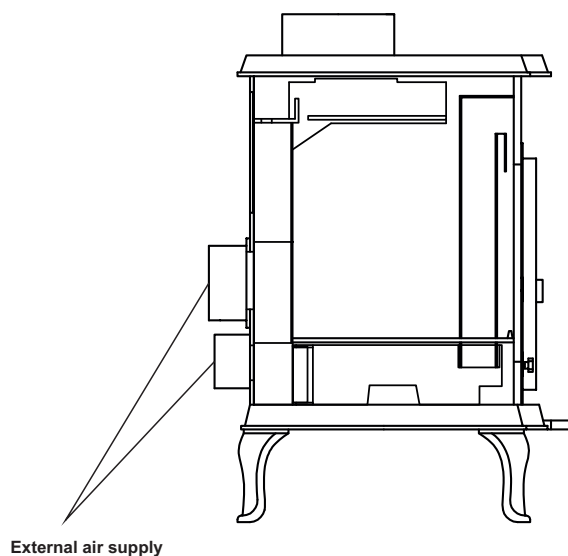
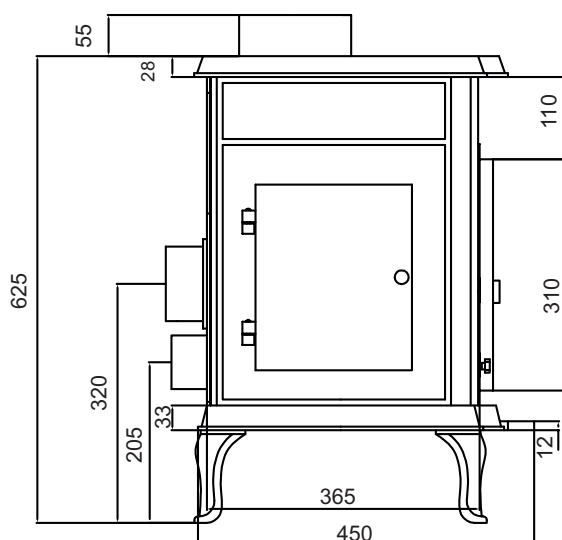
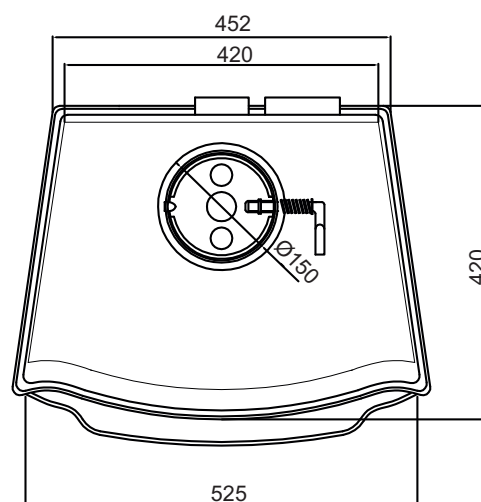
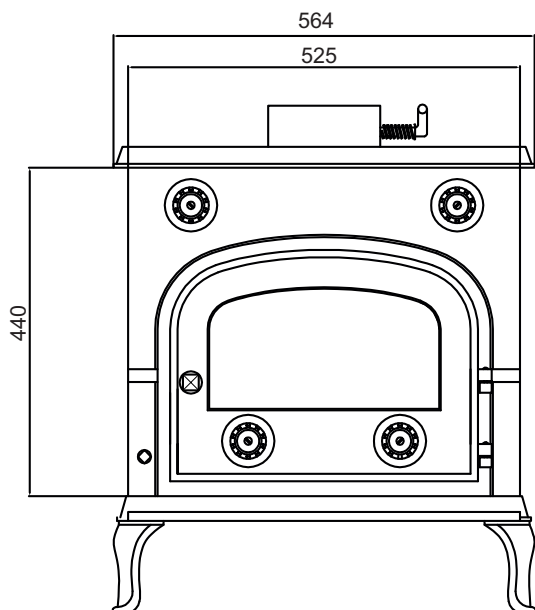
Flue gas temperature	: 282	°C
Flue gas temp. at the collar	: 338	°C
Flue gas mass flow	: 7,6	m (g/s)
Flue draught	: 12,1	Pa
Mean CO ₂ -concentration	: 9,12	%

Energy efficiency
 class:

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Eros I

Drawings, measurements and technical information

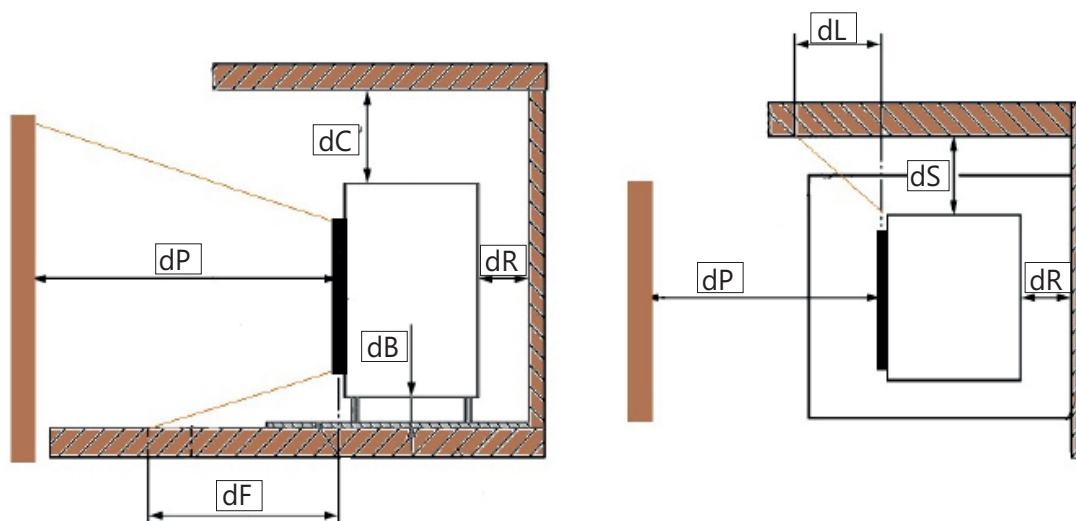


Extra details/Technical information

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
680x525x450	355x410x260	165x2700	180x200	Black	Cast Iron	ca. 125 kg	150	Top /Rear
Fuel	Air control	Primary air	Secondary air	Tertiary air	Rotating grate	Ash pan	Bauart	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): ≤ 40 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 = 40 cm
- dS = 60 cm
- dF = 20 cm
- dP = 100 cm
- dL = 60 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.