

Mercury

(ST-246)



The Mercury is a solid cast iron stove with a classical design. Its generously proportioned combustion chamber makes it an ideal choice for larger rooms. The large viewing window affords a clear, uninterrupted view of the burning flames. Durability, high heat output and modern engineering are combined with user-friendly features: logs up to 50 cm in length can be conveniently refuelled via the right-hand side door, and the ash pan built underneath simplifies cleaning.

Further features include, amongst others, a throttle valve and a rotating grate.

Technical Data

Efficiency : 77,1 %
 Nominal heat output : 7,7 kW
 Heat output range : 7 - 9,5 kW
 1. BlmSchV - Stufe 2 : Fulfilled
 Ecodesign 2022 : Fulfilled

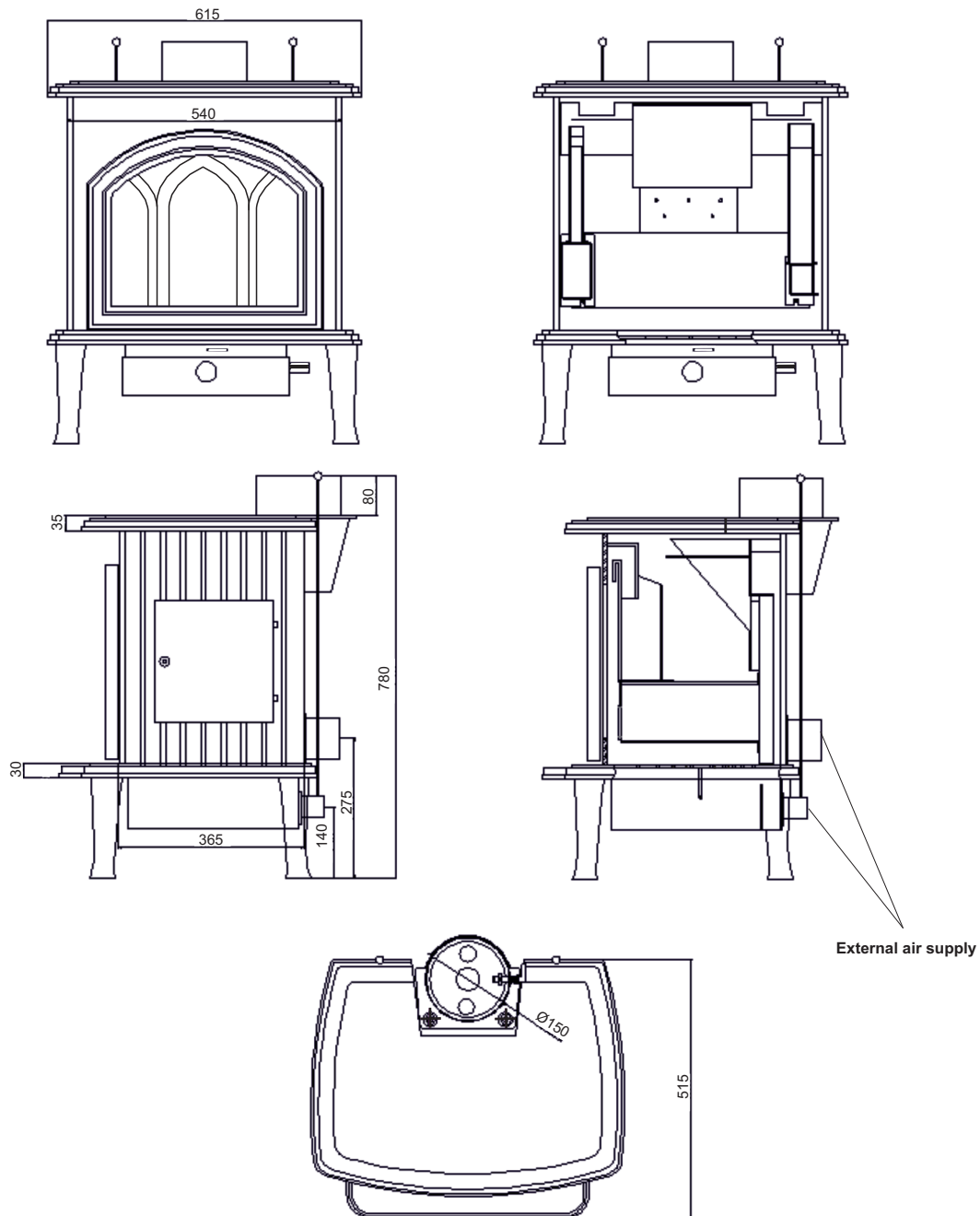
Flue gas temperature : 273 °C
 Flue gas temp. at the collar : 328 °C
 Flue gas mass flow : 8,1 m (g/s)
 Flue draught : 12,1 Pa
 Mean CO₂-concentration : 8,66 %

Energy efficiency
 class:



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Drawings, measurements and technical information

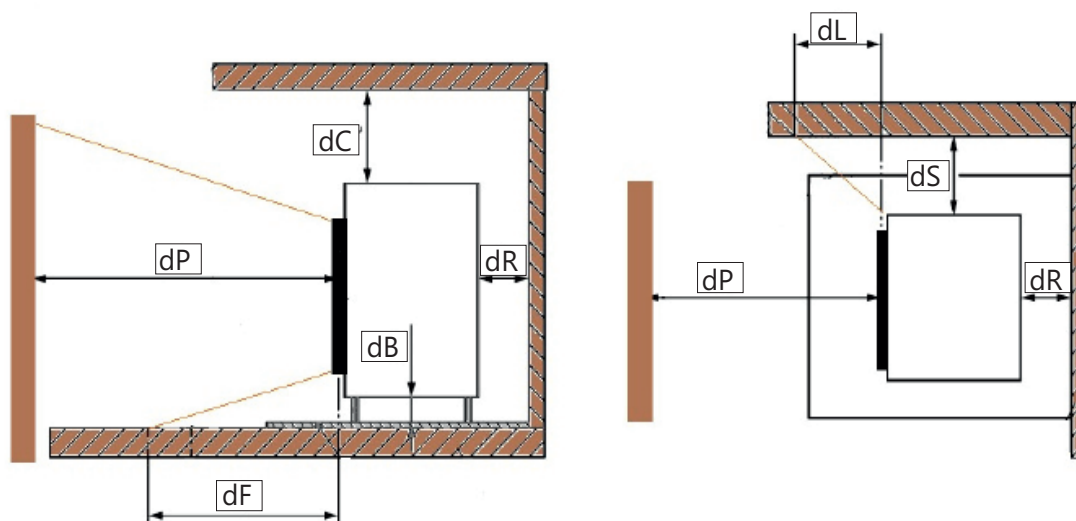


Extra details/Technical information

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
780x615x515	400x500x300	300x350	200x200	Black	Cast Iron	ca. 150 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 = 50 cm

dP = 130 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.