

# Sirius



Sirius honours the heritage of the classic cast-iron stove, elegantly reimagined for modern tastes. Equally at home in traditional and contemporary settings, it is a piece that fits in a wide range of interiors.

Its tall, generously proportioned viewing window offers an uninterrupted view of the fire. With an all-cast-iron construction, the stove provides comfortable radiant warmth, while modern combustion technology maximizes efficiency.

Standard features include, amongst others, a throttle valve and a connection for an external air-supply.

## Technical Data

Efficiency : 77,0 %  
 Nominal heat output : 7,2 kW  
 Heat output range : 6 - 8 kW  
 1. BImSchV - Stufe 2 : Fulfilled  
 Ecodesign 2022 : Fulfilled

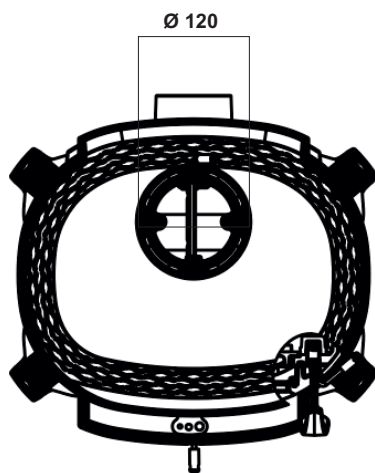
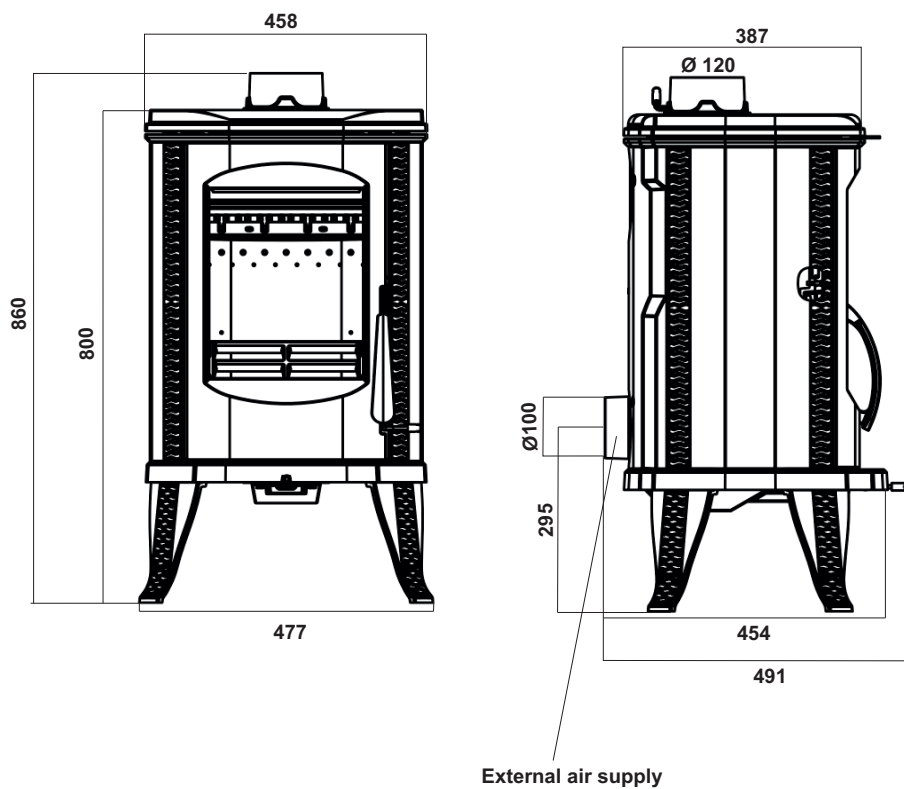
Flue gas temperature : 299 °C  
 Flue gas temp. at the collar : 359 °C  
 Flue gas mass flow : 6,8 m (g/s)  
 Flue draught : 11,9 Pa  
 Mean CO<sub>2</sub>-concentration : 9,61 %

Energy efficiency  
 class:



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Drawings, measurements and technical information

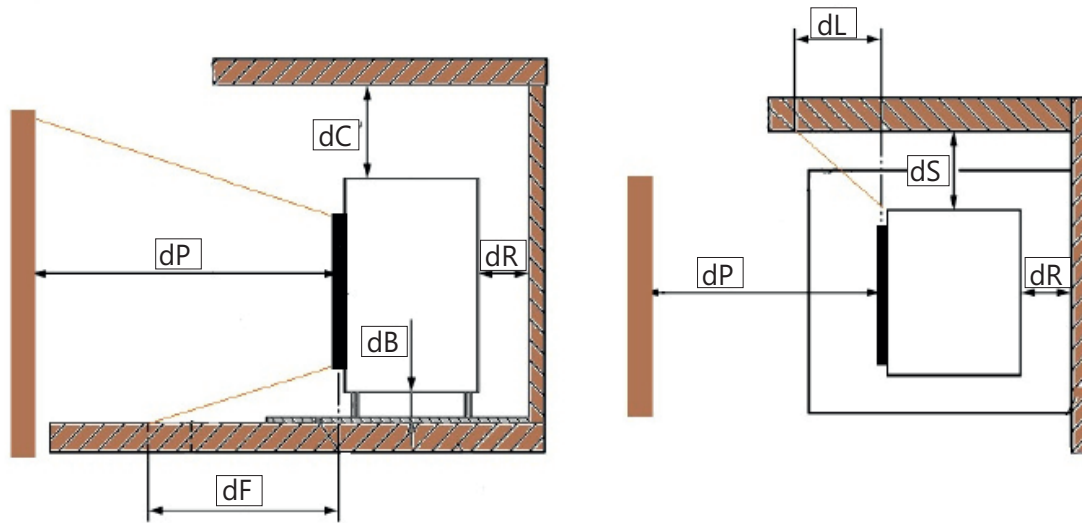


## Extra details/Technical information

| 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  |
|--------------------------|--------------------------------------------|------------------------|------------------------------|--------------|------------------------------|------------|-----------------------------------|-------------------|
| 860x477x491              | 350x330x290                                | 310x250                | 320x260                      | Black        | Cast Iron                    | ca. 115 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<br>Secondary air slider | Yes                    | Yes                          | Yes          | Yes                          | Yes        | Type 1<br>(self-closing door)     | Intermittent      |
| Emissions                | CO: ≤ 1250 mg/m <sup>3</sup>               |                        | NOx: ≤ 200 mg/m <sup>3</sup> |              | OGC: ≤ 120 mg/m <sup>3</sup> |            | Dust (PM): ≤ 20 mg/m <sup>3</sup> |                   |

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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 = 55 cm
- dF = 20 cm
- dP = 100 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-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.