

# Neptune

(ST-244)



Whether you're heating a large living space or counting on the stove as your main source of warmth – Neptune delivers.

This fully cast-iron stove makes an impression not just with its solid build, but with its versatility. Loading is easy and convenient: Neptune features both a front door and a side door on the right, which can accommodate logs up to 50 cm long.

The top cover includes an integrated cooking plate, so you can handle simple everyday cooking tasks directly on the stove.

The ash pan is accessible via a separate door, making ash removal fast and mess-free.

The stove is also equipped with a throttle valve and a rotating grate.

## Technical Data

Efficiency : 75,3 %  
 Nominal heat output : 9,2 kW  
 Heat output range : 8-10,5 kW  
 1. BlmSchV - Stufe 2 : Fulfilled  
 Ecodesign 2022 : Fulfilled

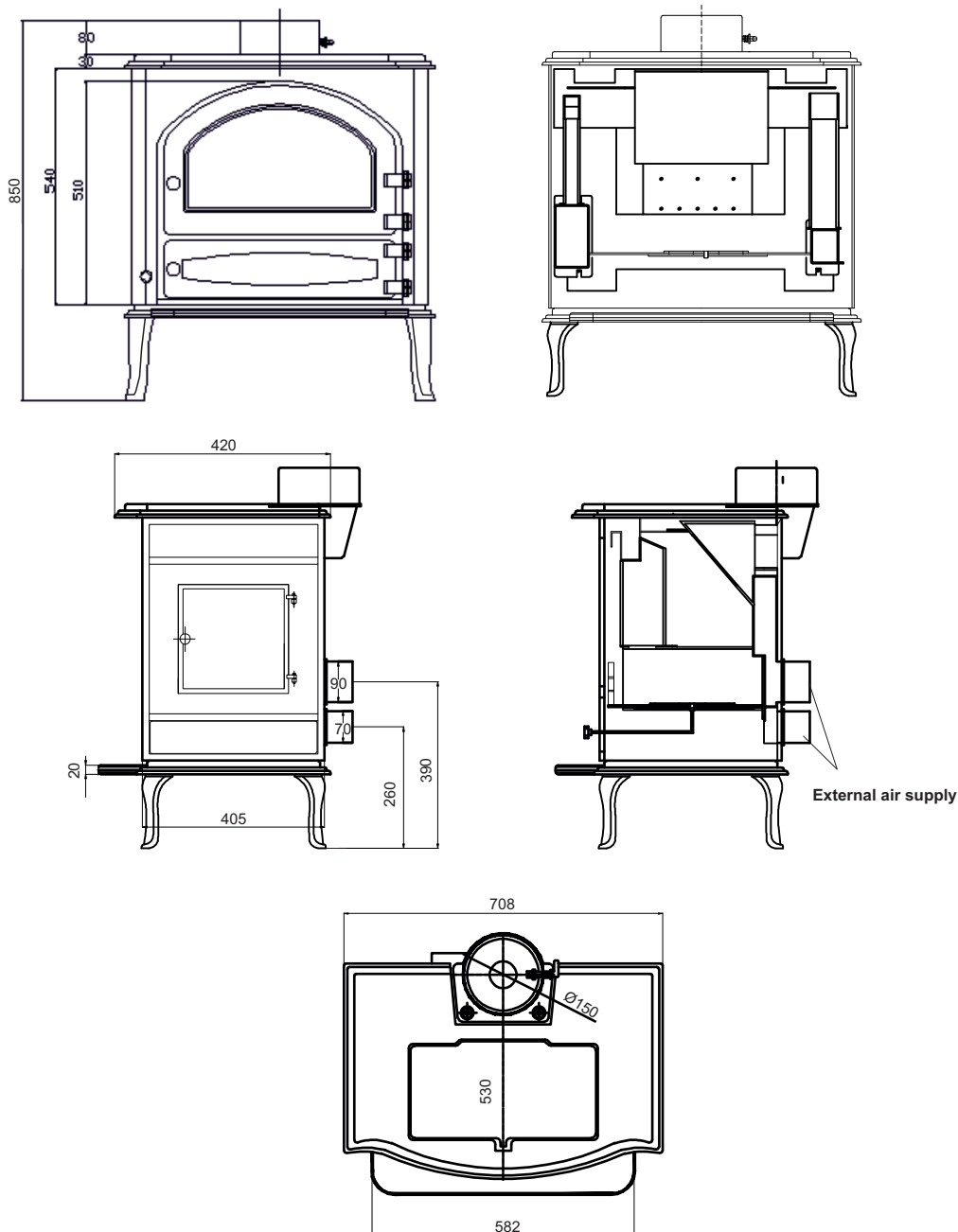
Flue gas temperature : 302 °C  
 Flue gas temp. at the collar : 362 °C  
 Flue gas mass flow : 9,7 m (g/s)  
 Flue draught : 12,3 Pa  
 Mean CO<sub>2</sub>-concentration : 8,81 %

Energy efficiency  
class:



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Drawings, measurements and technical information

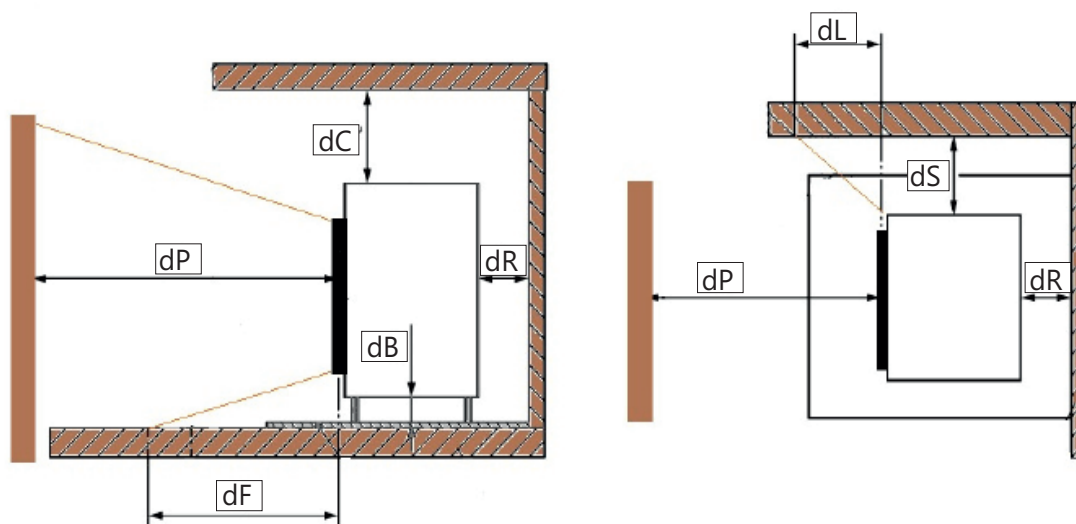


## Extra details/Technical information

| 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                  |
|--------------------------|--------------------------------------------|------------------------------|------------------------|------------------------------|-----------------------------|------------------------------|-------------------------------|-----------------------------------|
| 850x708x490              | 430x450x300                                | 240x440                      | 220x200                | Black                        | Cast Iron                   | ca. 200 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<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): ≤ 40 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 = 60 cm**
- dF = 20 cm**
- dP = 110 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.