

High-efficiency Wood Stove

300082 High-efficiency Wood Stove SENA PLUS – Black

Certification: Class A, output 12.5 kW, consumption 3.8 kg/h
Class A+, output 13 kW, consumption 3.8 kg/h, ECODESIGN 2022



1 Description:

Efficient, modern and ecological heating, with efficiency close to 80% compared with the 10–20% of a traditional open-hearth stove.

This is achieved by burning the wood and then burning the hot flue gases, which considerably raises the unit's efficiency and also releases fewer polluting gases into the environment.

Unlike traditional open-hearth stoves, they discharge flue gases at a lower temperature, making better use of the heat generated.

Made of steel plate with a heat-resistant paint finish rated to 650 °C.

Cast-iron door with ceramic glass rated to 750 °C. Removable cast-iron grate and removable ash drawer for easy cleaning.

2 Technical Specifications:

Model

Sena Plus, high-efficiency wood stove. Includes removable roasting grate.

Colour options: Black

Technical specifications

Heat output (max)	kW	12.5 / 13
Thermal efficiency (nominal)	%	79
Consumption	kg/h	3.8
Flue outlet diameter	mm	150
Combustion system		Double

Heating characteristics

Room volume	m³	313 / 313
Fuel: firewood log (max.)	cm	60

Weight / Dimensions

Net weight	kg	78
Dimensions (width × depth × height)	mm	720×443×722

3 Benefits:

Clean-glass system.

Easy maintenance – Good thermal and visual comfort, creating cosier spaces – Airtight closure that prevents smoke leaks and bad odours – Reduced environmental pollution.

Includes removable, swivelling roasting grate, 280×250 mm.

Clean-glass system: an external (secondary) air intake channelled to the inner face of the glass, improving combustion and preventing it from blackening quickly, allowing a better view of the fire.

Double-combustion system: technology whereby, through a second intake of preheated air in the combustion chamber, a second combustion of the unburned gases from the first combustion is achieved, delivering high stove efficiency, large fuel savings and reduced polluting emissions.

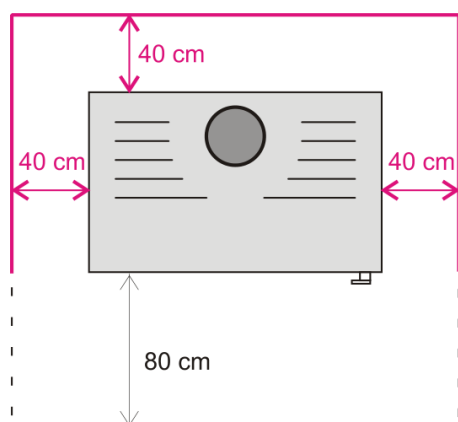


Stainless-steel handle detail



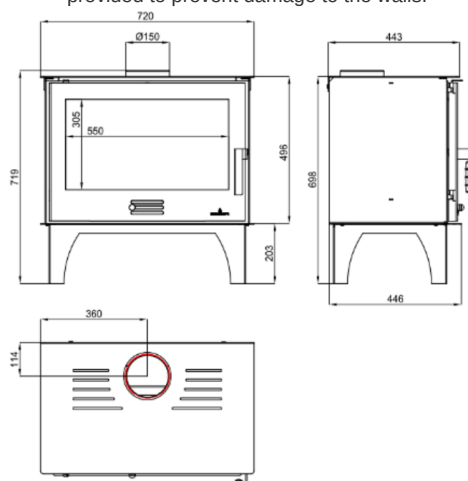
Removable, swivelling roasting grate, 280×250 mm.

4 Installation:



Top view — clearances to observe

— These distances may be reduced if insulation is provided to prevent damage to the walls.



5 Applications

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