Atlas

(ST-1060)



Atlas shows what a traditional cast-iron cooker can look like today: straight-lined, with a modern-classic character.

But its appeal goes far beyond appearance. Itss combustion technology is equally up to date, delivering a clean burn, high efficiency and noticeably lower wood consumption.

Atlas is also thoughtfully designed for everyday use. The spacious cooking plate easily accommodates several pots and pans at once, while bread, casseroles and other dishes bake effortlessly in the oven. And it all runs solely on the heat of a wood fire – no reliance on external power, just pure independence.

And since every room is different, Atlas can also be tailored to suit your needs. Optional accessories include a 20 cm deep distance frame, a grill plate, and a matching annex/stove shelf.

Technical Data

Efficiency	:	77,5 %
Nominal heat output	:	8,8 kW
Heat output range	:	8 - 10 kW
1. BImSchV - Stufe 2	:	Fulfilled
Ecodesign 2022	:	Fulfilled

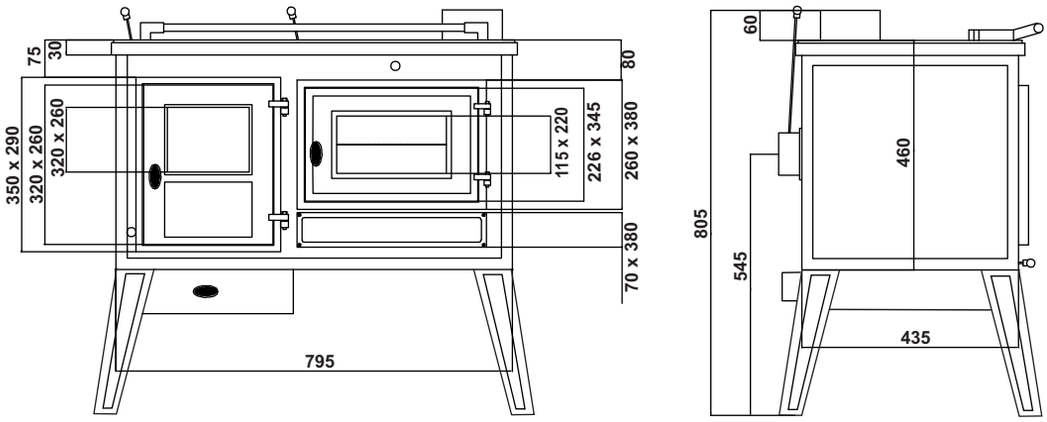
Flue gas temperature	:	239 °C
Flue gas temp. at the collar	:	287 °C
Flue gas mass flow	:	10,5 m (g/s)
Flue draught	:	12,4 Pa
Mean CO2-concentration	:	7,52 %

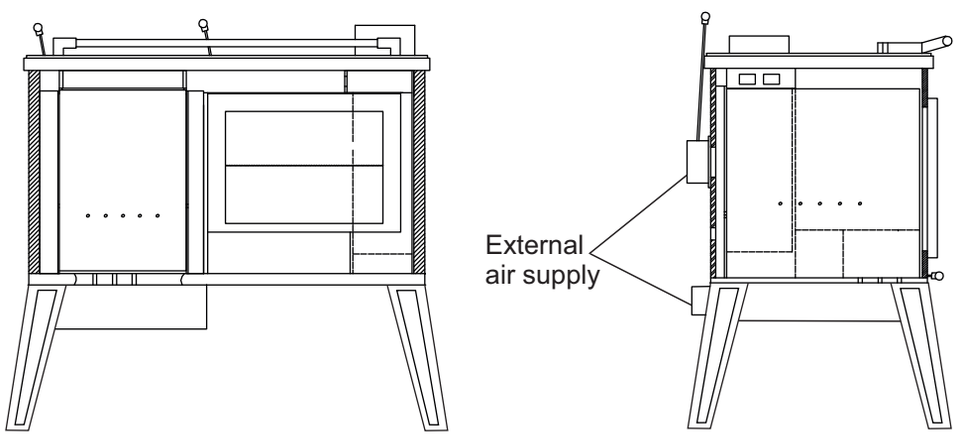
Energy efficiency class:

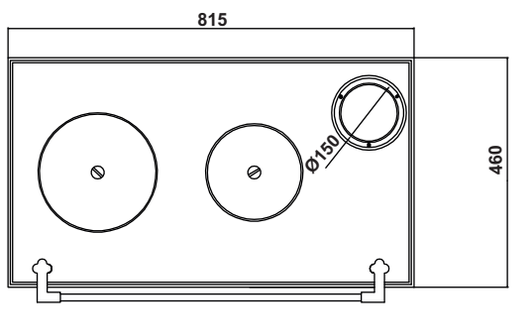
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Drawings, measurements and technical information







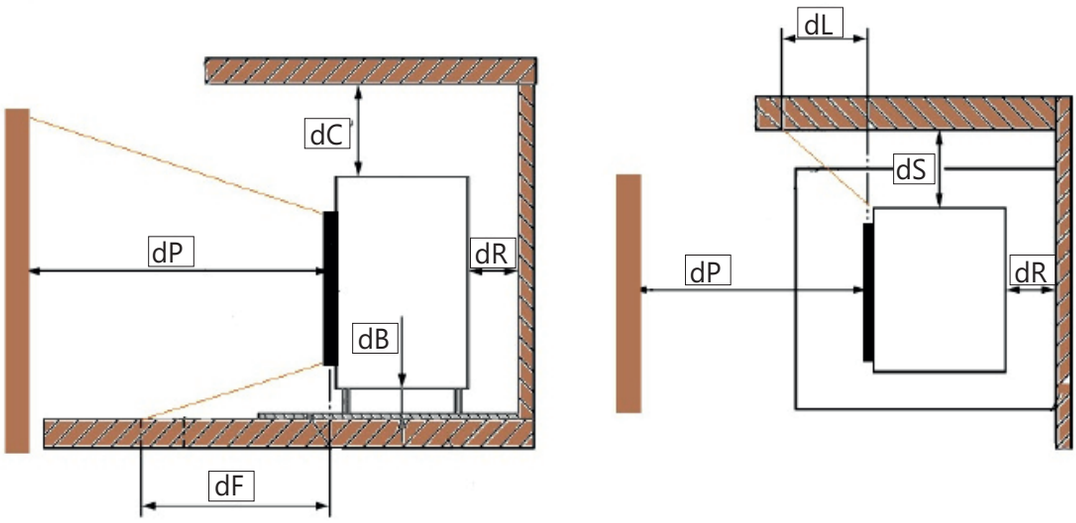
Extra details/Technical information

Measurements in mm HxWxD	Combustion chamber in mm HxWxD	Stove window in mm HxW	Door opening in mm HxW	Oven in mm HxWxD	Combustion chamber material	Weight	Flue collar Ø in mm	Flue collar exit
805x795x460	400x250x360	85x150	180x200	200x300x410	Cast Iron	ca. 160 kg	150	Top
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/m³	NOx: ≤ 200 mg/m³	OGC: ≤ 120 mg/m³	Dust (PM): ≤ 40 mg/m³

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Safety distances



Maintain the following minimum distances to combustibles (e.g. walls, furniture, curtains):

dB = non-combustible floor
dR = 50 cm
dS combustion chamber = 35 cm
dS Oven = 60 cm
dF = 20 cm
dP = 100 cm
dL = 50 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-comustible 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.