Orion

(ST-246)



Meet Orion, where pure, purposeful design meets a solid cast-iron build.

It never clamours for attention; it simply embodies understated grandeur.
Its spacious combustion chamber heats large rooms with ease, while the wide viewing window keeps the theatre of flames on full display.
Logs up to 50 cm load via the right-hand side door, and the ash pan built underneath makes clean-up simple.
A throttle valve and rotating grate come as standard features.

Technical Data

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

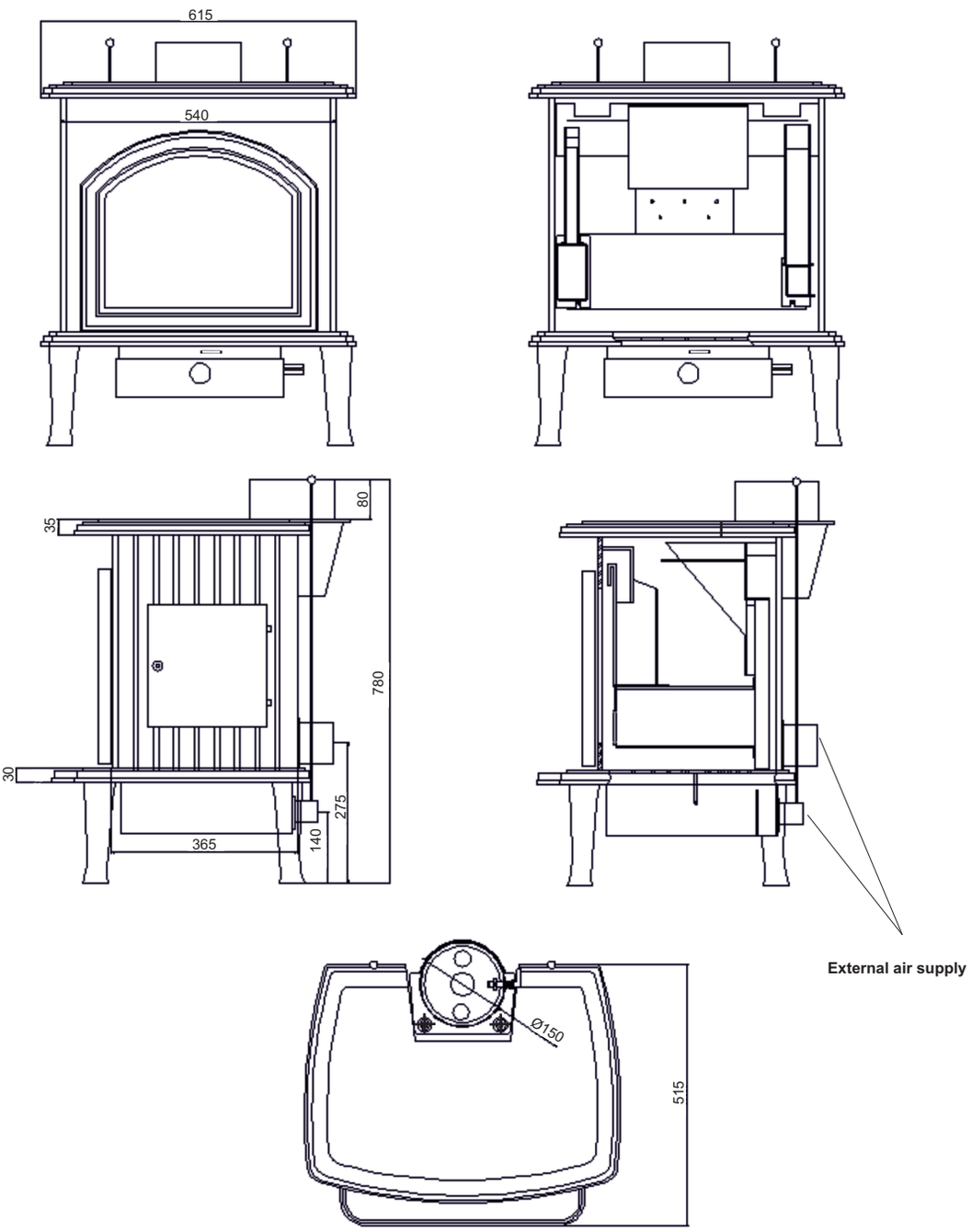
Flue gas temperature	: 273	°C
Flue gas temp. at the collar	: 328	°C
Flue gas mass flow	: 8,1	m (g/s)
Flue draught	: 12,1	Pa
Mean CO2-concentration	: 8,66	%

Energy efficiency class:

A

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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	220x200	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/m³	NOx: ≤ 200 mg/m³	OGC: ≤ 120 mg/m³	Dust (PM): ≤ 40 mg/m³