

Orion



Model Orion

The Orion is characterized by its evenly balanced design.

This wood stove is made of solid cast iron with playful decorations and shapes added to it.

This material in combination with the large stove window portrays both strength and elegance.

The Orion is very suitable for large rooms because of its large burning area suitable for wood blocks up to a length of 50 cm.

The Orion has an external air supply at the back and a wood filling door on the right-hand side.

All our models are fully recyclable at all times.

The Orion can bring a great deal of warmth into the home.

Technical Information

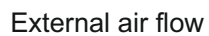
Efficiency	: 79 %	Nominal heat output	: 7,0 kW
Weight	: 130 Kg	Flue gas flow Wood	: 8,0 m (g/s)
Flue connection	: 150 mm	Pressure	: 8-10 p (Pa)
Flue gas temperature Wood	: 276 °C	Dust in mg.	: 31 mg

Energy rating:



Meets the following test requirements: gem. Art. 15a B-VG, BStV München, Regensburg, Stuttgart and Aachen, gem. DIN plus, Ö-Norm, CE norm, 1.+2. BimschV. and Luftreinhalte-Verordnung Switzerland.

Drawings, measurements and technical information



Measurements in mm HxWxD	Fire place mm HxWxD	Fire opening in mm HxW	Stove window HxW	External air flow	Design	Fleu height pipe	1+ 2 BimschV	Capacity in cbm		Tested according
805x638x500	400x500x300	220x200	300x350	yes	A1	755	yes	180		13240
Colour	Inside of fire	Fuel	Continuing/ time burning	Fire rotation grip	Ash pan	Fire/rotating grid	Primary air	Secondary air	O-Norm	Clean air act Switzerland
Black	Cast Iron	Wood/coal	Time burning	yes	yes	yes	yes	yes	yes	yes
Dust in Mg on 13% O2: 31 mg/Nm³		NOX: 92 mg/Nm³		CO: 1125 mg/Nm³		OGC: 57 mg/Nm³		Anf. der Städte München, Aachen Stuttgart und Regensburg nach DIN plus		yes
Values converted: 19 mg/MJ		58 mg/MJ		703 mg/MJ		36 mg/MJ				

- Globe fire -

Globefire Ch.Leibfried GmbH, An der Bundesstraße 2,
D-49733 Haren / Ems, Germany

Tested stove Type 1: EN 13240: 2001+A2: 2007

Type	Stove Orion ST 246		
Declaration of performance Nr.	005-CPR-2013.06.10 B		
Test institute Number	1625		
Test-Nr.	RRF - 40061039		
Heat output / Energy efficiency	Fulfilled		
.Efficiency	80,8 %		
.Nominal heat output	7 kW		
.Room efficiency	7 kW		
.Heat output	6 - 8 kW		
Mechanic solidity	Fulfilled		
Surface temperature	Fulfilled		
Combustion products	CO-Emission: 1125 mg/Nm ³ - 703 mg/MJ		
.Flue gas temperature	254 °C		
Fire safety	Fulfilled		
.Fire behavior	A1		
.Minimal distance to flammable materials:	Side: 60 cm Rear: 20 cm Bottom: 0 cm Front stove window: 80 cm		
Fuel	Wood and coal Time burning		
Dust in Mg on 13% O ₂ : 31 mg/Nm ³	Nox: 92mg/Nm ³	CO: 1125 mg/Nm ³	OGC:57 mg/Nm ³
Values (converted): 19 mg/MJ	58 mg/MJ	703 mg/MJ	36 mg/MJ
VKF Switzerland	25291		

Reading and follow up of given guidelines in the manuel

The connection of more stoves to one chimney is permitted



Approved German tests and CE mark EN 13240:2001 + A2:2007, according DINplus and also according Art. 15A B-VG Ö-Norm Austria.
1. and 2. level 1. BimschV Germany and also Luftreinhalte-Verordnung Switzerland.