

Product Data Sheet

SIRIUS 3.1

Application:	Space heater for burning solid fuel without hot water supply (EN 13240)
General description:	Schiedel SIRIUS 3.1 is a room sealed stove for intermittent burning which has been specially designed for the combustion of firewood.
Installation:	Inside a building
Fuel:	Solid fuel (split logs)
Operating temperature:	311 °C
Mode of operation:	Negative pressure (minimum flue draught 12 Pa) Room sealed fireplace
Frame material:	Black painted steel
Range of accessories:	Connections/covers for room sealed and non room sealed operation
Compatible chimney systems:	All systems with at least 150 mm diameter
Nominal heat output:	6 kW
Energy efficiency / class / index:	82 % / A+ / 108,9
Emission:	348 mg/m ³ CO (at Vol 13% O ₂) 19 mg/m ³ Dust (at Vol 13% O ₂) 16 mg/m ³ OGC (at Vol 13% O ₂) 130 mg/m ³ NOx (at Vol 13% O ₂)

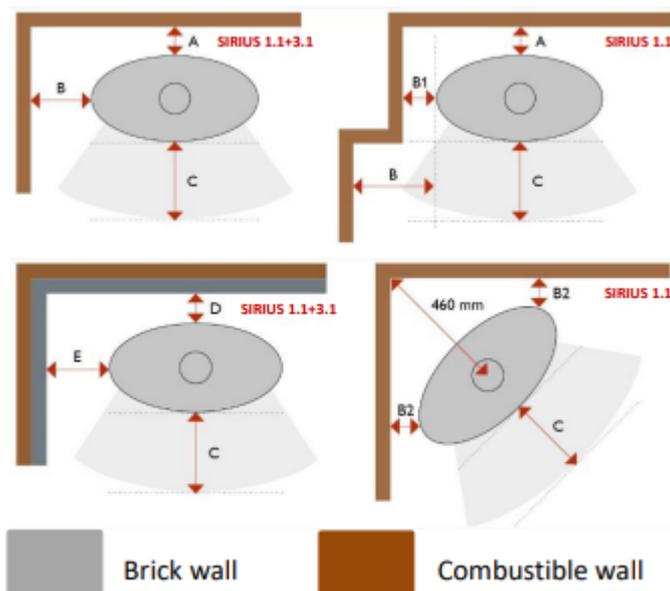


Specifications:

Frame (steel combustion chamber):	
External dimensions (frame) W x H x D:	522 x 1208 x 382 mm
Combustion chamber W x H x D:	340 x 390 x 250 mm
Glass dimensions W x H:	320 x 395 mm
Weight:	130 kg

Distance to combustible materials:

SIRIUS 3.1 minimum distances (EN 13240):		mm
A	w. flue tube, single walled	100
A	w. double wall concentr. system	60
B	Always	350
B1	Always	-
B2	Always	-
C	Always	800
D	w. flue tube, single walled	50
E	w. flue tube, single walled	200



Floor protection:

If the floor is made from flammable material (floors made from wood, synthetic materials, carpets, ...), a spark arrestor plate made from toughened glass, or any other non-flammable material, should be used. This base must have the following minimum dimensions, with the opening of the combustion chamber as the starting point:

SIRIUS 3.1 (EN 13240):	mm
Floor Front:	500
Floor Sides:	300

Installation examples:

