



The Sirius stove models & PMSA chimney packages





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Energy Efficient Design | Wood Burning Stove. Schiedel offers a unique all-in-one system: a perfect union of wood stove & chimney, which is an ideal package when if you are a self-builder or renovating your home.





Sirius 1.1Log Burning Stove with a a large front window. The touching point to open the door is marked with powder coated circle, preventing scratches in the varnish.

Sirius 3.1 Log Burning Stove. This contemporary model has a large front window and door and additional side windows for an impressive 180° degree view.

Our innovative and advanced clean burning technology provides an eco-friendly and pleasant warmth. Wood stoves achieve up to 82 % energy-efficiency – delivering more heat with less wood and are far more likely to heat larger rooms more efficiently than traditional radiators.

The Sirius Stove Package perfectly combines the Schiedel technologically high-end Permeter Chimney System with the energy-efficient, stylish and space saving wood stoves.

#### STOVE-HIGHLIGHTS

- Highly efficient up to 84%! More heat, less wood
- Highest European and National Standards EN 13 240, DIN+, 1.BImSchV2, DiBt, 15a B-VG, NS 3058/3059
- Easy to operate with Self closing door and interlock system for igniting or cleaning purpose
- 3 Windows for 180° view in the 3 model
- Eco-friendly corpus paint resulting in environmentally friendly low smoke and low emission colour
- Adjustable legs to adapt to uneven surfaces

### **SYSTEM HIGHLIGHTS**

- Combustion air independent from installation room, provided through Permeter Smooth Air Chimney from top, allows flexible placement
- Due to system solution, no separate air channel adaptor/ bypass necessary.

### IDEAL FOR TIMBER FRAME BUILDINGS SUCH AS LOG CABINS

- Ceiling Box and Protect Box options for complete safety in timber framed buildings.
- Exceptional small distances to combustibles

### PRODUCT DESCRIPTION

Details	SIRIUS 1.1	SIRIUS 3.1	
Width	522mm	522mm	
Height	1208mm	1208 mm	
Depth	382mm	382 mm	
Output	6 kW	6 kW	
Efficiency	80.8%	82%	
Energy efficiency	A+	A+	
Weight	133 kg	130 kg	
Air independent	✓	✓	
Triple-air-connection	✓	✓	

### **APPROVALS**





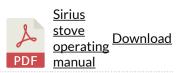
EN 13 240	✓
DIN+, BImSchV 2, CE	<b>✓</b>
15a B-VG	<b>✓</b>
NS 3058 / 3059	<b>✓</b>
DEFRA EXEMPT	✓
CLEARSKIES LEVEL 5	✓

### ■DEFRA exempt

In addition to meeting the requirements of Ecodesign for efficiency and emissions, all clearSkies certified appliances at Level 3 or above will also have been verified by the scheme administrator as meeting the requirements for Defra exemption.

Therefore you can be assured that our Sirius 1 and Sirius 3 models exceed the minimum requirements and are future-proofed as well as approved on the Defra website to be installed in Smoke Control Areas.







Permeter
Smooth Air
DOPs and
certificates

The Permeter Smooth Air Chimney System provided with the Sirius stove is a steel chimney with air supply offers great flexibility and flexible placement.

All Sirius models are approved by the highest European standards for air independent use. This allows the combined usage with ventilation systems in modern buildings and guarantees a healthy indoor environment.

Schiedel Permeter Smooth Air chimney is constructed with a separate inlet-duct ensuring that the stove is supplied with the optimal amount of combustion air from the top of the pipe. The double insulated pipes avoid condensation.

Product description	Modular, concentric flue system for oper- ation with room sealed Wood appliances with continuous operating temperature up to $600^{\circ}$ C.
Installation	Inside a building
Fuel	Wood
Operating temperature	≤ 600 °C
Mode of operation	– negative pressure (N1 ≤ 40 Pa) – dry
Inner pipe material	EN 1.4404 (AISI 316L)
Outer case material	– galvanized steel, powder painted – 1.4301 (304) stainless steel
Outer case finish	– black (RAL 9005)
Insulation type	PMSA 25: 25 mm thick mineral wool tube, with aluminium lamination.
Insulation density	128 kg/m3
Thermal resistance	PMSA 25 = 0,37 m2K/W
Mean roughness	1,0 mm according to EN 13384-1





 $Max\,free\,standing\,height\,is\,2m.$ 

Height above last structural support Where height is >600mm above the last structural support, a locking band is re-

quired immediately below the roof support and on any pipe joints above it.

Distance between lateral supports 3,0 m

0036 - CPR - 91236 - 034	T400 N1 D V3 L50050 G75 With Ceiling Box and Protect Box with in Bungalow
0036 - CPR - 91236 - 034	T400 N1 D V3 L50050 G100 With Ventilated Firestop Plate in a combustible shaft with combus- tible floors

150 mm
250 mm
0,6 mm
0,6 mm
7,7 kg/m

Type post code or city. Press ENTER

Radius: 20mi ▼

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