



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 1.1 Log Burning Stove with 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 Perimeter 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 Perimeter 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	✓
15a B-VG	✓
NS 3058 / 3059	✓
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.

[Sirius brochure](#)[Sirius installation instructions](#)[Sirius stove / Permeter Smooth Air brochure](#)

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

Product description	Modular, concentric flue system for operation with room sealed Wood appliances with continuous operating temperature up to 600 °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/m ³
Thermal resistance	PMSA 25 = 0,37 m ² K/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 required immediately below the roof support and on any pipe joints above it.

Distance between lateral supports 3,0 m

CE Certificate number EN 1856-1:

0036 - CPR - 91236 - 034

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CE Designation EN 1856-1:

T400 N1 D V3 L50050 G75

With Ceiling Box and Protect Box with in Bungalow

T400 N1 D V3 L50050 G100

With Ventilated Firestop Plate in a combustibile shaft with combustibile floors

Details

Internal diameter:	150 mm
External diameter:	250 mm
Inner liner thickness:	0,6 mm
Outer wall thickness:	0,6 mm
Weight:	7,7 kg/m

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