

Smoke-extraction-flap SHEV® Flap

The compact smoke extraction flap SHEV®-Flap is a flat roof system for wind and weather independent smoke and daily ventilation for smoke shafts. It contains a straight isolated GFK-curb with an integrated approved louvre window. On it there is a weather protection hood. The flap is ideal for smoke ventilation openings on top of elevator or other shafts to fulfill also the energy saving ordinance.

SIMON PROtec Systems GmbH
Medienstraße 8
D-94036 Passau
Tel: + 49 851 98870-0
Fax: + 49 851 98870-70
E-Mail: info@simon-protec.com
Internet: www.simon-protec.com

SIMON PROtec Systems AG
Allmendstrasse 38
8320 Fehrltorf
Tel: + 41 44 956 50 30
Fax: + 41 44 956 50 40
E-Mail: info@simon-protec.ch
Internet: www.simon-protec.ch

SIMON
we create fire safety

Technical Details



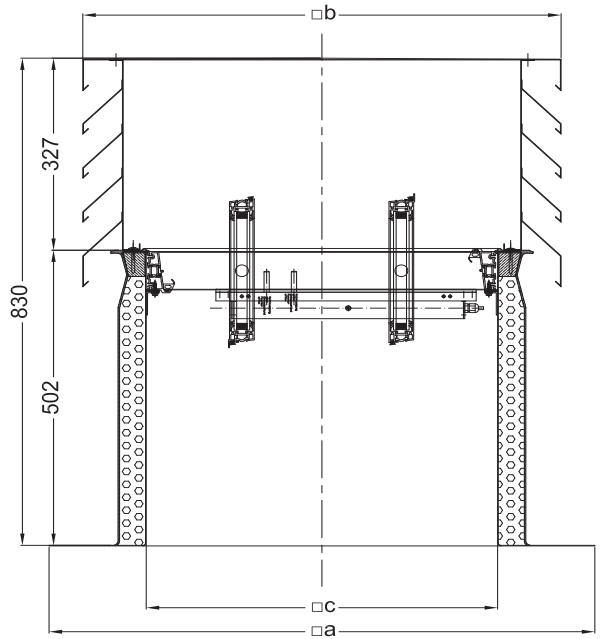
24 VDC

DIN EN 12101-2

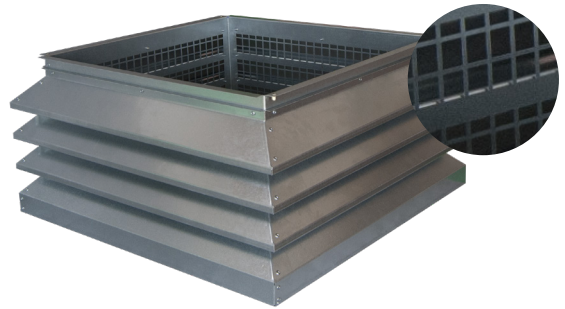
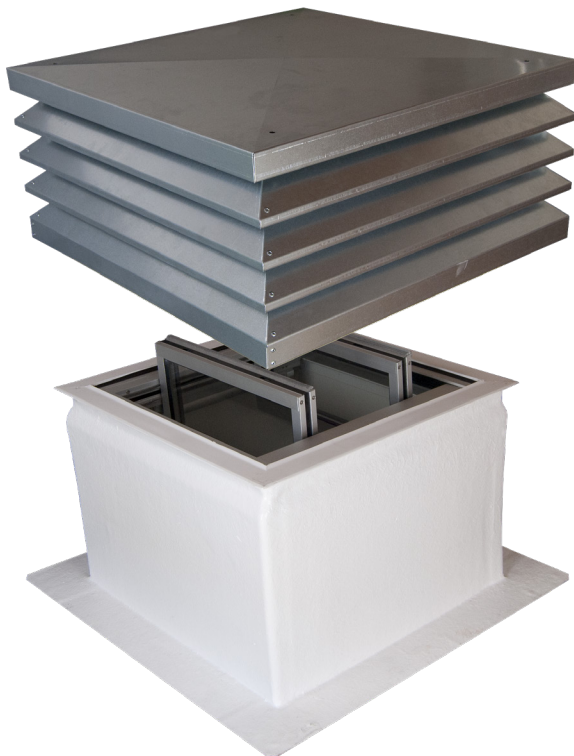
Isolated louvre window as smoke ventilator with actuator		Curb / Weather protection hood	
Voltage	24 Volt DC	Material	GFK / Knife blade galvanized
Current	1 A	Isolation (curb)	4 cm, PD, U-Value=0.5
Temperature range	-5° bis +40 °C	Bird protection	Perforated plate
Glass	Float 4/16/4, Ug=1.1	Insects protect. (opt.)	Stainless steel mesh

Application

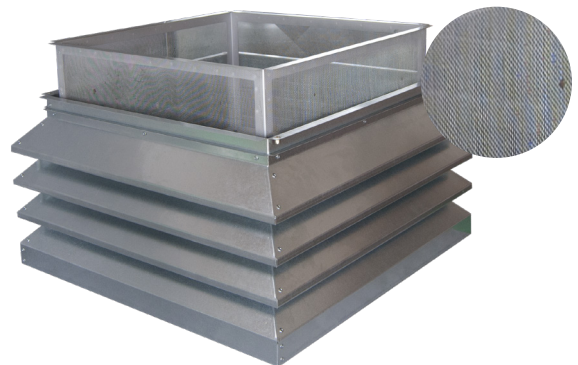
SHEV®-Flap will be delivered as ready-to-use flat roof element and will be installed through the ordinary work of the roofers. With that element, the smoke extraction shaft will be closed on top and that closes the building surface (according energy saving ordinance). The required smoke ventilation and daily ventilation of the shaft is ensured by an electrical smoke ventilator (approved louvre window according EN 12101-2). The GFK-curb is isolated and thermally separated. The slatted hood has a bird protection grid and can be upgraded through an insect protection grid. The SHEV®-Flap is available in three standard sizes (see table). Other sizes are available on request.



	A _{geo} [m ²]	a [mm]	b [mm]	c [mm]	[kg]
S	0,15	840	735	540	ca. 62
M	0,26	955	850	655	ca. 77
L	0,35	1115	1010	815	ca. 96



Slatted hood with bird protection (standard)



Slatted hood with insects protection (optional)
Can be taken out for cleaning

Provided by your sales partner: