

Combi dome rooflight (roof exit + SHEV)

VELUX®
Commercial


The dome rooflight with multiple benefits

Combi dome rooflight (roof exit + SHEV)

Basic configuration

- dome rooflight
- heat insulated upstand
- SHEV – electrical opener with 24V motor, approved to VdS guideline 2580, approval number G 502017
- special consoles for fastening the motor opener on the hinged side and locking

Additional configuration

Safety level 1 (ladder brace):

- no slipping off of the ladder (provided by the owner¹⁾ with hanging hook
- no damaged or soiled roof opening from placed or "slipping" ladder
- no second person needed to secure the ladder

Safety level 2 (grid with ladder brace)

Additional advantages:

- the walk on the roof and back gets comfortable and safe
- grid with 50 cm dome rooflight width offers safe standing (load capacity up to 250 kg)

In addition to higher comfort and more safety, the safety level 2 fulfills all requirements of BG rules.

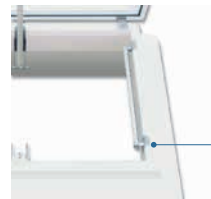
1) Two-part single ladder with hanging hook, continuous extendable handrails and quick release fasteners

Product advantages

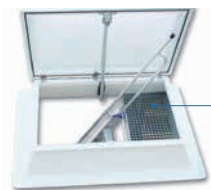
- electrically operated roof exit device (opens at the push of a button)
- staircase smoke exhaust according to national building code
- safety roof exit in accordance with BG guidelines
- stepless ventilation with high ventilation shaft
- daylight reduces the costs of artificial light



Combi dome rooflight (roof exit + SHEV)
daylight inclusive



Ladder brace
Roof exit with ladder brace



Grid with ladder brace
Comfort safety roof exit with grid and ladder brace according BG rules

Note:

In addition to higher comfort and more safety the safety roof exit/access meets the requirements of different BG rules (e.g. BGV D 36 §7 "safety against slipping off" and BGI 521 2.2 „use of leaning ladders“).

Enjoy the benefits of 24V technology!

Standby current controlled system

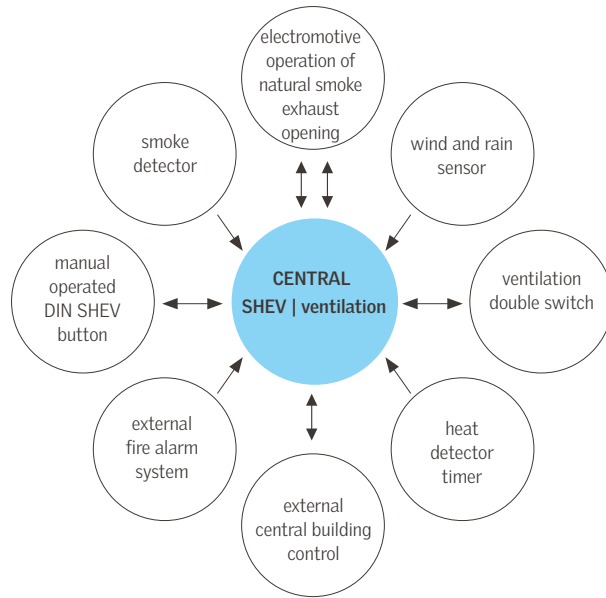
- optical and acoustical alarm and fault indicator

Commands

- smoke detection/heat detection
- alarm (internal/external)
- manual operation (alarm or ventilation)
- stepless ventilation
- wind and rain sensor
- finishing time "open"-control
- connection to central building control

Further

- priority circuit for all alarm "open" commands
- only one drive system for all opening positions
- economical control of the current state



Product range

Order sizes	Geometric free surface	Ladder brace	Grid + ladder brace
= Clear dimension, lower edge upstand	Staircase SHEV system		
cm x cm	m ²		
100 x 100	0.640	•	-
100 x 150	1.040	•	•
100 x 200	1.440	•	•
100 x 240	1.760	•	•
100 x 250	1.840	•	•
120 x 120	1.000	•	•
120 x 150	1.300	•	•
120 x 180	1.600	•	•
120 x 240	2.200	•	•
150 x 150	1.690	•	•
150 x 180	2.080	•	•
150 x 210	2.470	•	•

- = available
- = not available

Note:

Can be combined with upstands in AK geometry: GRP AK upstand 30, metal AK upstand 30/40/50 type ISO-THERM AK/ - TE. The combi dome rooflight (roof exit + SHEV) is completely factory assembled up to order size 120 x 240 cm and from up to a size of 150 x 150 cm it is delivered pre-assembled.