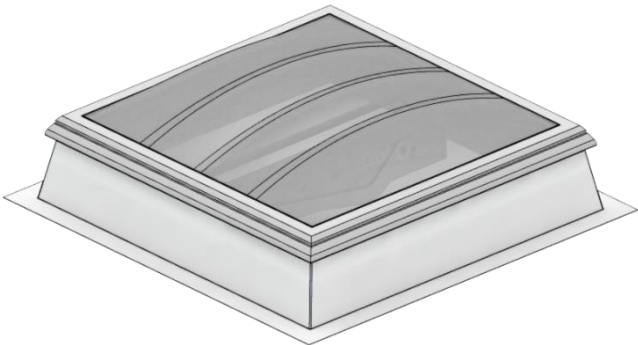


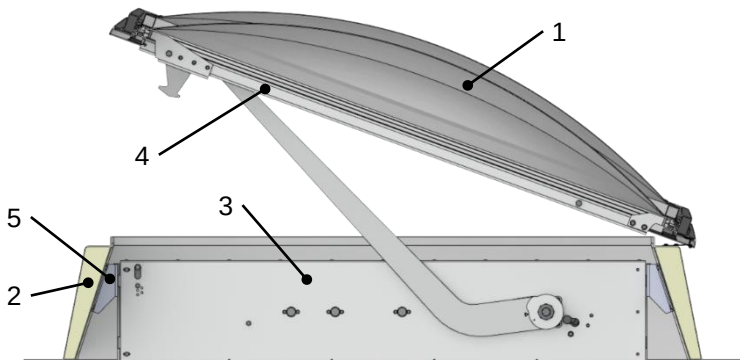
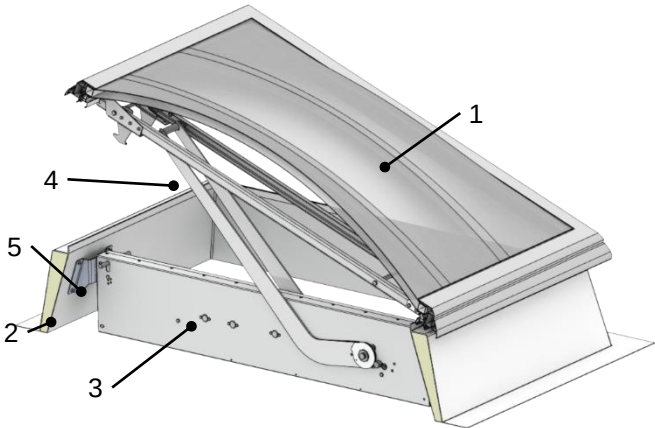
Closed



Position of the Smoke Lift



Position of ventilation



1 Dome shells	2 Upstand	3 SHEV-fitting, Type EJ	4 Upper traverse	5 SHEV-metal plate
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Function of ventilation:

Ventilation switches can be used to open or close the glass elements. A SHEV centre type EN...xxA-x-x is required for this. In the pre-set operating mode "continuous" and "2x stroke", when the Open key is pressed once, the 1st stage of the ventilation setting (opening angle approx. 15°) is activated, if the key is pressed again, the 2nd stage (also limit position, approx. 30°) is activated. When the Close key is pressed once, the closing function takes place. Stopping is possible in any intermediate position by pressing the Open and Close keys at the same time. Monitoring via wind and rain detectors is possible. The SHEV triggering has priority here and always opens the glass elements in SHEV position.

Technical data	
Aperture of smoke lift	165° +/- 5° (Opening period < 60 s)
Aperture of ventilation	15° / 30° (two-stage, intermediate position possible)
Operating voltage*	24 V / 7,5 A od. 48 V / 3 A (DC, Ripple < 5 %)
Connection terminals	2 double terminals, max. 6 mm² fixed / 4 mm² flexible opening: [1] (+) / [2] (-) / closing: [1] (-) / [2] (+)
Protection class	IP 54
Operating mode	S 3 30% ED
Operating temperature	-15 °C to +75 °C
Colour (Fitting)	Galvanized steel, colour coating largely possible

* Due to the intelligent control system, the drive can be operated with both 24V and 48V.
 Optional: Combination with 230V AC power supply unit possible.
 The cut-off currents can be reduced using DIP switches on the load shedding module, taking into account the flap weights/snow loads.
 24 V: 5 A or 3.75 A / 48 V: 2.5 A or 1.875 A

Performance classes belong to EN 12101-2	
aerodynamically operative area Aa	0,60 m² - 3,89 m² (Values are size-dependent, s.S.3)
Function	Re 1000, Ventilation 10.000
Snow load	SL 500 bis SL 2400 (depends on the size and weight of flaps)
Cold	T(-15)
Wind load	WL 1500
Brand	B 300

Basic Information

EJ 24V / 48V

Weights and overhangs:

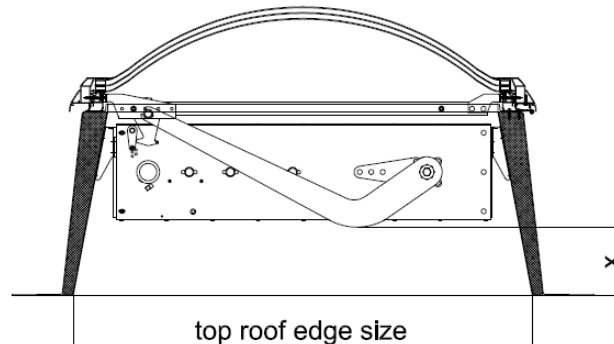
Weights Components [kg]		
Nominal size (top roof edge size) [cm]	Fitting (incl. frame steel sheet)	Upper traverse
100	20,6	3,7
120	22,4	4,3
125	22,5	4,5
140	24,0	5,0
150	25,5	5,2
180	29,6	7,6
200	31,9	8,4

Sizes and A_a-Dimensions:

Size (top roof edge size) [cm]	Fitting	Inclined- geometry A _a [m²]	Steep- geometry A _a [m²]
100/100	solo	0,60	0,71
100/150	solo	0,90	1,08
100/200	solo	1,24	1,44
100/240	solo	1,51	1,73
100/250	solo	1,58	1,80
100/300	tandem	1,83	2,07
120/120	solo	0,88	1,02
120/150	solo	1,12	1,30
120/180	solo	1,36	1,56
120/240	solo	1,87	2,10
120/250	solo	1,95	2,19
120/270	tandem	2,00	2,27
120/300	tandem	2,23	2,56
125/125	solo	0,97	1,11
125/250	solo	2,03	2,28
140/140	solo	1,22	1,41
150/150	solo	1,42	1,62
150/180	solo	1,73	1,97
150/200	solo	1,95	2,19
150/210	solo	2,05	2,30
150/240	solo	2,34	2,63
150/250	solo	2,44	2,74
150/270	tandem	2,55	2,88
150/300	tandem	2,84	3,20
180/180	solo	2,11	2,37
180/210	solo	2,46	2,76
180/240	solo	2,81	3,15
180/250	solo	2,93	3,33
180/270	tandem	3,06	3,50
180/300	tandem	3,40	3,89
200/200	solo	2,60	2,92

Tandem instead of solo on request

For installation inclinations from 0 ° to 10 °



Measure X (applies to all normal sizes)

- Upstand K30 (Height 30cm) = **-25 mm**
- Upstand K40 (Height 40cm) = **75 mm**
- Upstand K50 (Height 50cm) = **175 mm**

(negative values = overhang = fitting stands out below the upstand)



Solo-fitting



Tandem-fitting