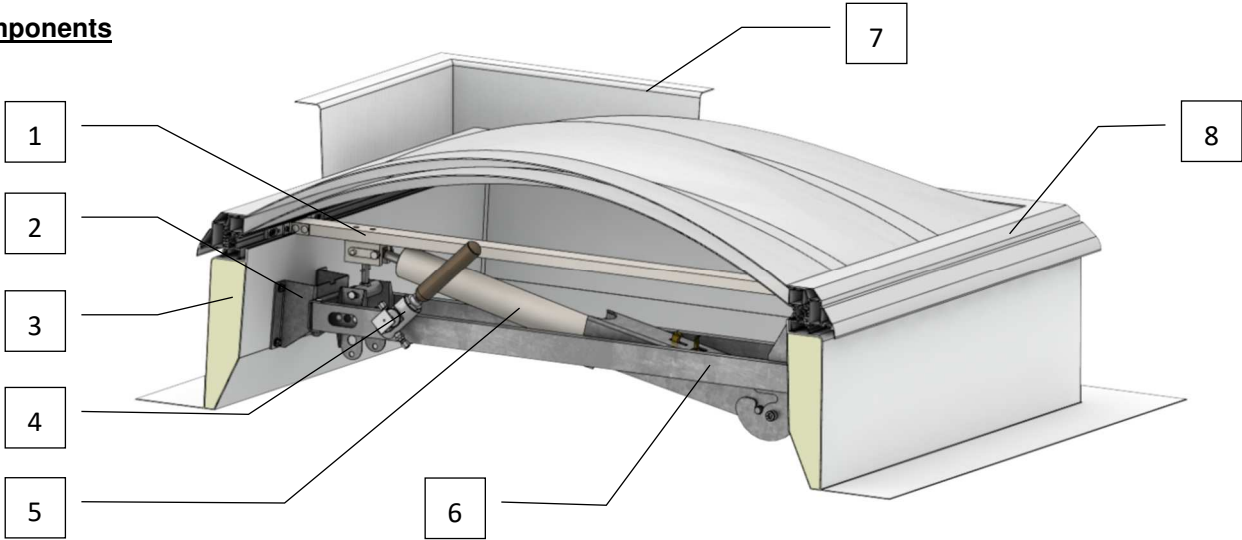


Basic Information
CO₂ – Fitting

Components



1. Upper traverse	3. Upright (steep geometry)	5. Pneumatic cylinder	7. Corner's spoiler (only with steep geometry)
2. Collar sheet	4. Thermal release device (TAG) with CO ₂ - Cartridge	6. SHEV-fitting Typ PJ	8. PVC-Border frame

Variants

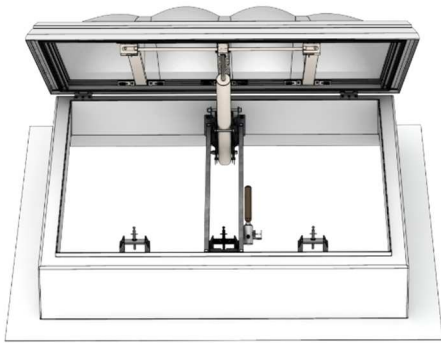
Solo fitting:

Standard until ordering size:
180/250 or 200/200



Tandem bracket (optional):

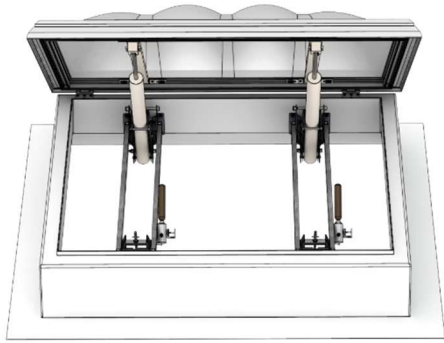
From .../180 optional at high buildings and exposed locations.



Tandem fitting:

Standard order size:
100/300, 120/270, 120/300, 150/270, 150/300, 180/270, 180/300

From .../180 optional for high buildings and exposed locations.



Basic Information

CO₂ – Fitting

Function

In case of thermal overload the pneumatic cylinder of the SHEV applies with CO₂. The CO₂ is set free through an automatic thermal release device (TAG) or manual with an alarm cabinet.

An additional „Close“-function can be installed to close the element after a functional test or a fire alarm without entering the roof. On request the CO₂-fitting is available with a drive unit (230V or pneumatic) for daily ventilation.

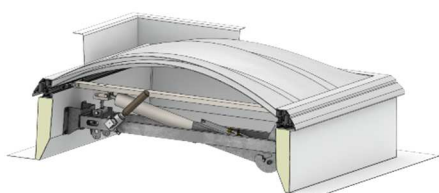
Opening variants:

Technical data

Aperture SHEV	ca. 170°
Ventilation stroke (optional)	
For nominal sizes 100/120/125/140:	300 mm
For nominal sizes 150/180/200:	500 mm
Colour (Fitting)	Galvanized steel
Performance classes according to EN 12101-2	
Snow load	SL 500 bis SL 2200
Function	Re 50 / Re 300*
Fire	B 300
Wind load	WL 1500
Cold	T (-5) bis T (-15)

* depending on the top weight (not for tandem)

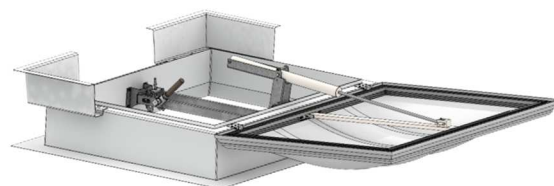
1. Closed position



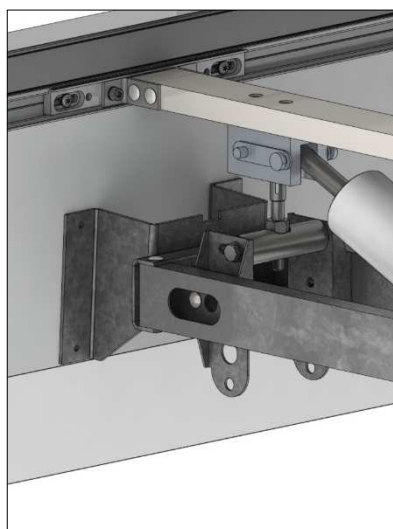
2. Ventilation position with electric motor 230V



3. SHEV position (in case of fire)



Fixed: latch bolt



Ventilated: 230V spindle drive



Ventilated: Pneumatic cylinder



Technical Information

Smoke Lift Rooflight F100 W

No.: 2.1.1.3.1.3.13

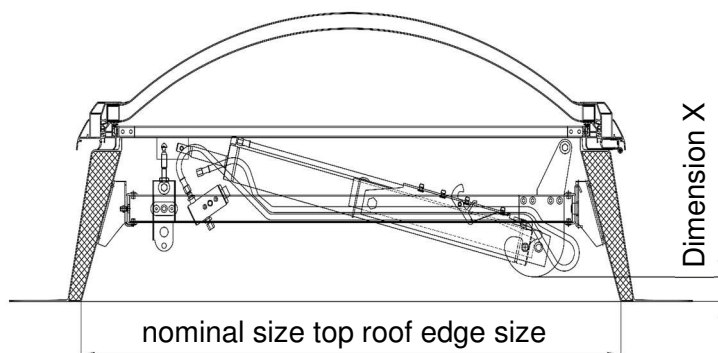


Basic Information

CO₂ – Fitting

Weights CO ₂ fitting (kg)			Dimension X (mm) (negative values = overhang = fitting protrudes)		
Nominal size (top roof edge size) [cm]	Upper traverse	SHEV-fitting incl. upstand sheet	Upstand K30 (Height 30 cm)	Upstand K40 (Height 40 cm)	Upstand K50 (Height 50 cm)
100	3	14,5	-100	0	100
120	3,5	15,5	45	145	245
125	4	16	45	145	245
140	4,3	19	-60	40	140
150	4,5	21	-60	40	140
180	5,5	26	-110	-10	90
200	6,5	29,5	-200	-100	0

Size (top roof edge size) [cm]	Fitting	CO ₂ amount [g]	Temp.- class	Inclined- geometry Aa [m ²]	Steep- geometry Aa [m ²]
100/100	S	65	T(-15)	0,60	0,75
100/150	S	65	T(-15)	0,90	1,13
100/200	S	65	T(-15)	1,30	1,50
100/240	S	65	T(-15)	1,56	1,80
100/250	S	65	T(-15)	1,63	1,88
100/300	T	120	T(-15)	1,95	2,25
120/120	S	65	T(-15)	0,94	1,08
120/150	S	65	T(-15)	1,17	1,35
120/180	S	65	T(-15)	1,40	1,62
120/240	S	65	T(-15)	1,87	2,16
120/250	S	65	T(-15)	1,95	2,25
120/270	T	120	T(-15)	2,11	2,43
120/300	T	120	T(-15)	2,34	2,70
125/125	S	65	T(-15)	1,02	1,17
125/250	S	65	T(-15)	2,03	2,34
140/140	S	65	T(-15)	1,25	1,43
150/150	S	65	T(-15)	1,46	1,69
150/180	S	65	T(-15)	1,76	2,03
150/200	S	65	T(-15)	1,95	2,25
150/210	S	65	T(-15)	2,05	2,36
150/240	S	65	T(-15)	2,34	2,70
150/250	S	65	T(-15)	2,44	2,81
150/270	T	120	T(-15)	2,63	3,04
150/300	T	120	T(-15)	2,93	3,38
180/180	S	120	T(-5)	2,11	2,43
180/210	S	120	T(-5)	2,46	2,84
180/240	S	120	T(-10)	2,81	3,24
180/250	S	120	T(-10)	2,93	3,38
180/270	T	120	T(-10)	3,26	3,55
180/300	T	120	T(-10)	3,62	3,94
200/200	S	120	T(-5)	2,60	3,00



For installation inclinations from 0 ° to 25 °

(With installation inclinations > 10 °, the hinge side must be arranged on the eaves side !)

Tandem instead of solo on request