

## JET-CONTINUOUS ROOFLIGHT FLAPS



As SHEV flaps for an effective smoke and heat exhaust or usable as pure ventilation flaps for daily ventilation



### Product overview

- Depending on the rooflight order width we use the optimal flap system according to individual requirements.
- SHEV flap types for JET-VARIO-NORM and JET-VARIO-THERM rooflight series:
  - Full flap 165° opening
  - Side flap 130° opening
  - Beam flap 130° opening
  - Crown flap 165° opening
  - Double flap 95° opening
- SHEV flap types for JET-VARIO-THERM S systems:
  - Single flap (EKS-TH) 65° opening

**Note:**

All systems are approved according to DIN EN 12101-2.  
All JET-SHEV flap types can also be optionally used for daily ventilation when they are equipped with corresponding auxiliary devices.

### Ventilation possibilities

**Electrically activated (230 V/AC or 24 V/DC):**

- Surface-mounted/flush-mounted ventilation switch for motor opener
- Motor opener with thrust spindle approx. 300/500 mm lifting height (other lifting heights possible)
- Rain sensor or wind/rain sensor
- Central closure control with timer

**Pneumatically activated:**

- Pneumatic lifting cylinder 300/500/750/1000/1250 mm lifting height
- Pneumatic manual control valve
- Rain sensor or wind/rain sensor
- Central closure control with timer



Double flap  
JET-VARIO-THERM DK 95°



ET-VARIO-FIREJET® 65°  
single flap system (EKS)  
for EKS-TH 65° opening installed  
in saddle rooflight  
JET-VARIO-THERM S



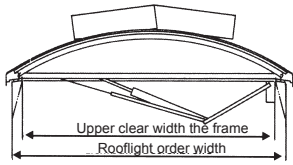
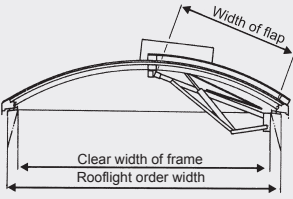
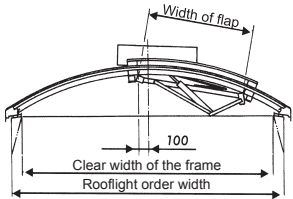
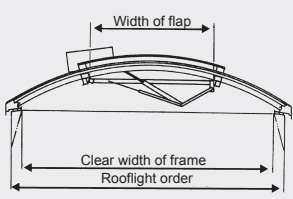
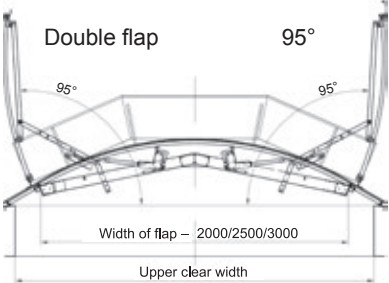
2.1.1  
JET-VARIO-THERM

2.1.2  
JET-VARIO-NORM

2.1.3  
JET-VARIO-THERM S

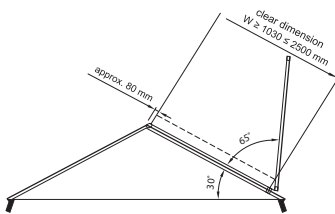
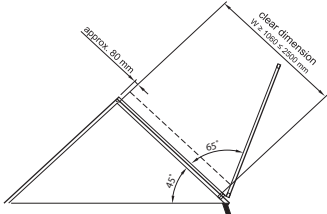
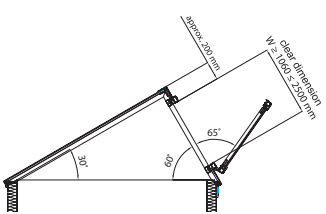
6.2.2  
JET-rooflight full flaps

## SHEV FLAPS FOR JET-VARIO-NORM AND JET-VARIO-THERM ROOFLIGHT SYSTEMS

Flap type	Opening angle	Upper clear width of the frame	Width/length	$A_g$	$A_a$
		cm	cm x cm	m <sup>2</sup>	m <sup>2</sup>
<b>Full flap</b> 	165°	from 100 to 250	w/100	from 1.000 to 2.500	from 0.693 to 1.980
		from 100 to 250	w/134	from 1.340 to 3.350	from 0.938 to 2.513
		from 100 to 250	w/204	from 2.040 to 5.100	from 1.530 to 3.825
<b>Side flap</b> 	130°	from 250 to 350	180/100	1.800	1.158
		from 250 to 350	180/204	3.672	2.387
		from 280 to 410	215/100	2.150	1.384
		from 280 to 410	215/204	4.386	2.851
		from 300 to 480	250/100	2.500	1.609
		from 300 to 480	250/204	5.100	3.315
<b>Beam flap</b> 	130°	from 350 to 1090	180/100	1.800	1.158
		from 350 to 1090	180/204	3.672	2.387
		from 400 to 1090	215/100	2.150	1.384
		from 400 to 1090	215/204	4.386	2.851
		from 480 to 1090	250/100	2.500	1.609
		from 480 to 1090	250/204	5.100	3.315
<b>Crown flap</b> 	165°	from 220 to 1090	180/100	1.800	1.158
		from 220 to 1090	180/204	3.672	2.203
<b>Double flap</b> 	95°	from 200 to 600	200/100	2.00	1.48
		from 200 to 600	200/204	4.08	2.93
		from 250 to 600	250/100	2.50	1.88
		from 250 to 600	250/204	5.10	3.72
		from 300 to 600	300/100	3.00	2.31
		from 300 to 600	300/204	6.12	4.52

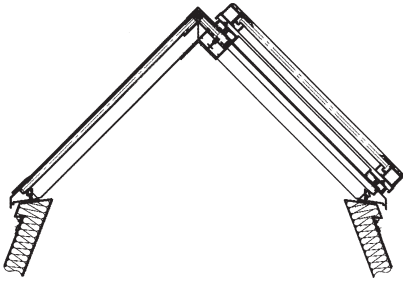
$A_a$ -values (aerodynamic effective opening surface) and  $A_g$ -values (geometrical surface)

## SHEV FLAPS FOR JET-VARIO-THERM S CONTINUOUS ROOFLIGHT SERIES

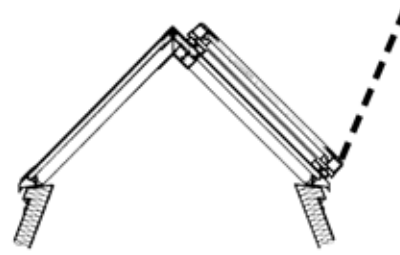
Inclination and sketch						
Flap type	Single flap EKS-TH		Single flap EKS-TH		Single flap EKS-TH	
Opening angle	65°		65°		65°	
Upper clear width of the frame	from 230 to 500		from 180 to 500		from 260 to 560	
Width of the flap (in cm)*	from 103 to 250		from 106 to 250		from 106 to 250	
Length of the flap (in cm)*						
	100	204	100	204	100	204
A <sub>g</sub> (in m <sup>2</sup> )	from 1.030 up to 2.500	from 2.101 up to 5.100	from 1.060 up to 2.500	from 2.152 up to 5.100	from 1.000 up to 2.500	from 2.100 up to 5.100
A <sub>a</sub> (in m <sup>2</sup> )	from 0.618 up to 1.500	from 1.366 up to 3.315	from 0.630 up to 1.500	from 1.392 up to 3.315	from 0.600 up to 1.500	from 1.220 up to 3.060

\* The flap size is dependent of the width of the continuous rooflight.

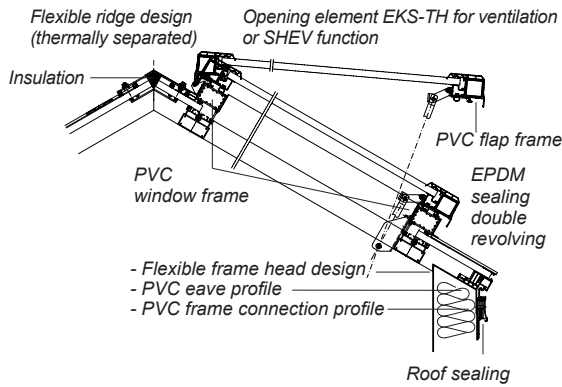
JET-VARIO-FIREJET® 65° single flap system (EKS-TH)



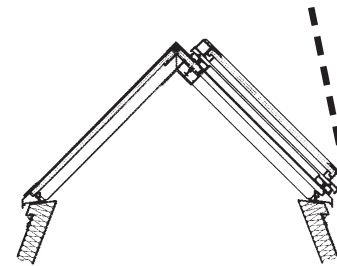
Fits perfectly into the JET-VARIO-THERM-S saddle rooflights 30°/45° with widths of 180 up to 520 cm



SHEV function with device JET-VARIO-FIREJET® 65° J  
Opening angle 65°

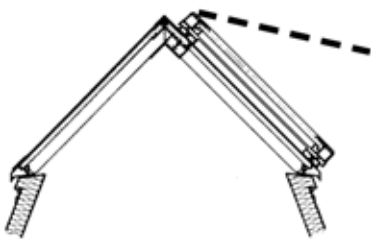


Horizontal section of the EKS-TH system

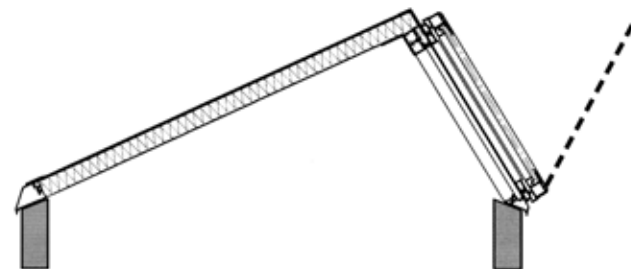


SHEV function with fair weather ventilation  
Optional with e. g. JET-VARIO-FIREJET® 65° JM device  
Opening angle approx. 20°

JET-VARIO-FIREJET® 65° EKS-TH also ideally suited for integration in glass constructions and shed glazings provided by the customer



All-weather ventilation – a special EKS system application, that can also be used as geometrical SHEV



Installation into a shed system 30°/60°