

# JET TOP-90

## sound reduction

**VELUX®**
**Commercial**

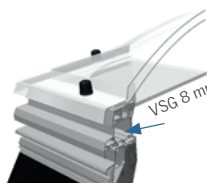

Sound insulation that protects and promotes daylight yield  
 "Fall-through protection" for permanently secure traffic routes

### JET TOP-90 sound reduction

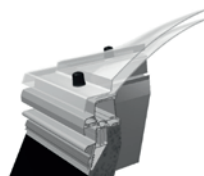
- made of PMMA, double-skinned opal/clear and an internal LSG 8 mm glass panel matt/clear

#### Technical data

- thermal transfer coefficient:
  - U-value = 1.9 W/m<sup>2</sup>K according to DIN EN 1873:2006<sup>1</sup>
  - U<sub>t</sub> = 2.0 W/m<sup>2</sup>K according to DIN EN 1873:2014<sup>2</sup>
  - U<sub>rc,ref300</sub> = 1.39 W/m<sup>2</sup>K according to DIN EN 1873:2014<sup>3</sup>
- airborne sound reduction value: R<sub>w</sub> = 36 dB
- light transmission value:
  - for matt: 44%
  - for clear: 65%
- total energy transmission:
  - for matt: 53%
  - for clear: 72%



JET TOP-90 with 8 mm LSG  
 = JET TOP-90 sound reduction



JET TOP-90



JET TOP-90 sound reduction open dome rooflight with ventilation motor

### Product benefits

- fulfils EnEV 2014 (2016) requirements
- possible to comply with official acoustic emissions limits e.g. in mixed commercial zones
- reduction of acoustic emissions e.g. in areas near airports
- permanent "fall-through protection" in closed position/ventilation position up to 300 mm
  - according to DIN 18008-6:2018-02 (acc. to the investigation report of the B 18 1412.4 TU-Darmstadt/DE)
  - can be used as pneumatic or electric SHEV according to DIN EN 12101-2

1) according to EN ISO 6946

2) U<sub>t</sub> acc. to DIN EN 1873:2014 for horizontal installation

3) U<sub>rc,ref300</sub> = reference value of the total heat transfer coefficient of a dome rooflight of order size 120 x 120 cm with a skylight base of height 300 mm 300 mm (here: JET ISO-THERM upstand) according to DIN EN 1873:2014

3.4.2  
 JET SKYSIGHT

3.6.2  
 JET ISO pyramid 45°  
 GLASS/GRILLODUR®

3.6.3  
 JET ISO hip 45°  
 GLASS/GRILLODUR®

## Product range of the JET TOP-90 sound reduction dome rooflight

Order sizes [LCOW upstand] cm x cm	JET TOP-90 sound reduction with JET standard upstand type AK	JET TOP-90 sound reduction with JET upstand type RAK	Light permeation dimension [UCOW] cm x cm	24 V roof exit on ISO-THERM upstand steep [UCOW = LCOW] <sup>1</sup>	Addition to the ventilated dome rooflight JET TOP-90 sound reduction	
					NEW typ DA-M <sup>2</sup> (tandem- gas spring)	NEW typ DA-M-EL <sup>2</sup> (tandem gas pressure spring + factory-assembled 24V chain linear actuator)
60 x 60	•	-	40 x 40	-	-	-
60 x 90	•	-	40 x 70	-	-	-
80 x 80	•	-	60 x 60	-	-	-
90 x 90	•	-	70 x 70	-	-	-
90 x 120	•	-	70 x 100	-	-	-
100 x 100	•	•	80 x 80	-	-	-
100 x 150	•	•	80 x 130	-	-	-
100 x 200	•	•	80 x 180	-	-	-
100 x 250	•	•	80 x 230	-	-	-
120 x 120	• <sup>5/6</sup>	•	100 x 100	• <sup>3</sup>	•	•
120 x 150	• <sup>5/6</sup>	•	100 x 130	• <sup>3</sup>	•	•
120 x 170	-	-	100 x 150	• <sup>4</sup>	•	•
120 x 180	• <sup>5/6</sup>	•	100 x 160	• <sup>4</sup>	•	•
120 x 240	• <sup>5/6</sup>	•	100 x 220	-	-	-
120 x 270	• <sup>5/6</sup>	-	100 x 250	-	-	-
125 x 125	• <sup>5/6</sup>	•	105 x 105	-	-	-
125 x 250	• <sup>5/6</sup>	•	105 x 230	-	-	-
140 x 140	-	-	120 x 120	• <sup>3</sup>	-	-
150 x 100	-	-	130 x 80	-	•	•
150 x 120	-	-	130 x 100	-	•	•
150 x 150	• <sup>5/6</sup>	•	130 x 130	• <sup>3</sup>	-	-
150 x 180	• <sup>5/6</sup>	•	130 x 160	• <sup>4</sup>	-	-
150 x 210	• <sup>5</sup>	•	130 x 190	• <sup>4</sup>	-	-
150 x 240	• <sup>5</sup>	•	130 x 220	-	-	-
150 x 250	• <sup>5</sup>	•	130 x 230	-	-	-
150 x 270	• <sup>5</sup>	-	130 x 250	-	-	-
180 x 180	• <sup>5</sup>	•	160 x 160	-	-	-
180 x 240	• <sup>5</sup>	•	160 x 220	-	-	-
180 x 250	• <sup>5</sup>	•	160 x 230	-	-	-

• = available - = not available

### Notes:

1) Opening angle for hinges on the long side generally approximate 90°

2) Opening angle approximate 70°

3) Opening angle for hinges on the short side approximate 90°

4) Opening angle for hinges on the short side approximate 60°

5) Use as pneumatic SHEV according to DIN EN 12101-2

6) Use as electrical SHEV according to DIN EN 12101-2