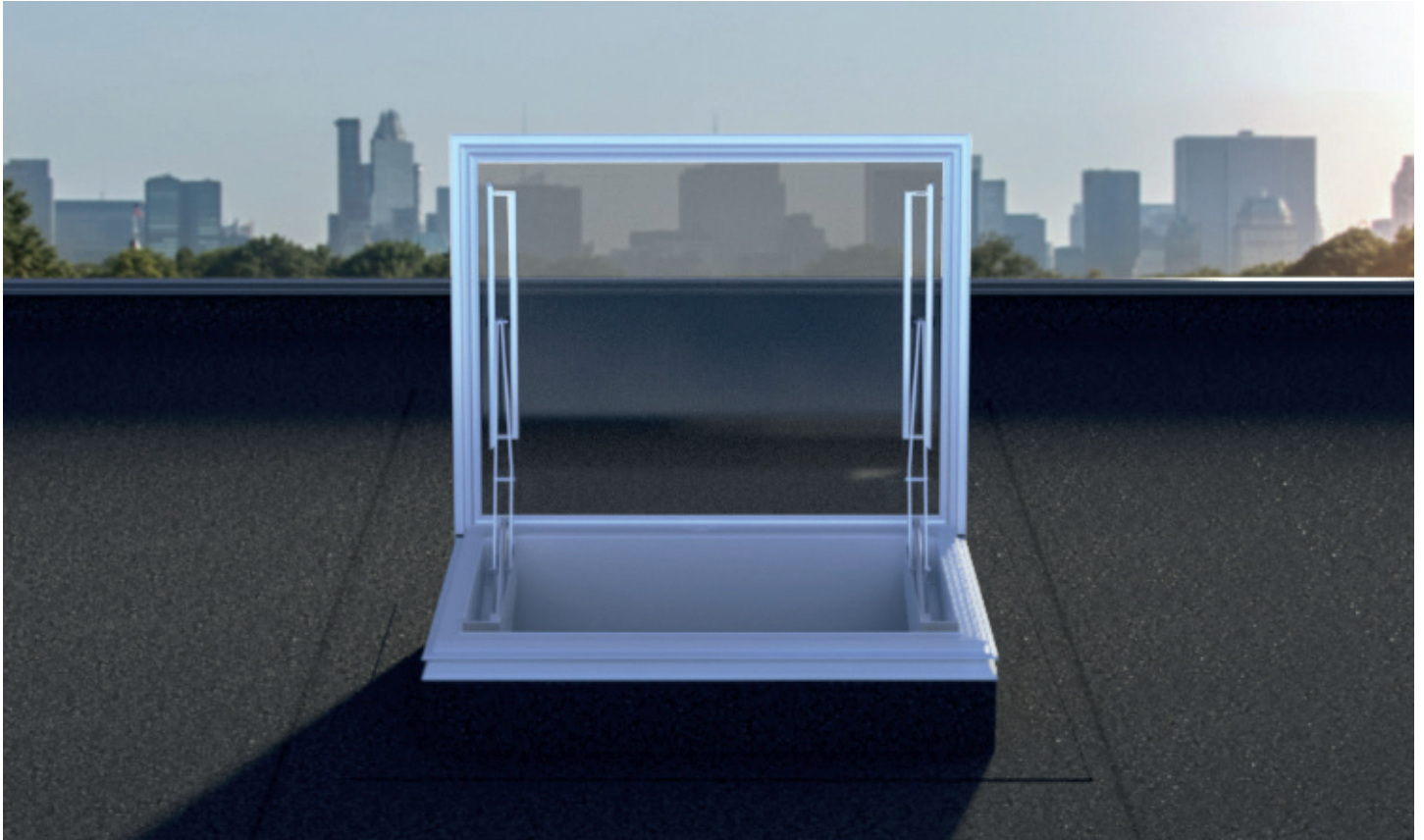


Product overview

Roof access – TOP-90 Dome rooflight series

VELUX[®]

Commercial



Roof access – Dome rooflights for flat roofs

Product description:

Classically curved or hybrid dome rooflights in accordance with EN 1873 to meet various energy, sound insulation or safety requirements. Glazing made from high-quality, UV-resistant plastic (PMMA or PC).

Recommended use:

Flat roofs of unheated or heated buildings with a roof pitch of up to 15° (steeper roof pitches on request). Flat roofs of unheated or heated buildings with a roof pitch of up to 15°.

Basic functions:

Convenient roof access, supported by mechanical or electric opening systems. Can be combined with electric drives for comfort ventilation and stairwell smoke extraction in accordance with LBO state building code.

Features and benefits:

Thanks to the mechanical fastening of dome top units, they are simple and inexpensive to install and replace.


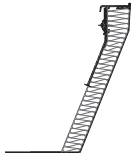

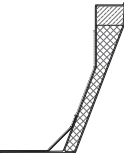
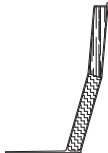
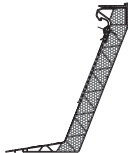
Roof access product variants	Manual roof access	Manual roof access	Manual roof access	Manual roof access and electric ventilation	Electric roof access and smoke extraction	Electric roof access and smoke extraction
Product designation	DA-SG	DA-TG	DA-M	DA-M-EL	Combination fitting	DA-EL
Roof access drive	Mechanical with support by solo gas pressure spring	Mechanical with support by tandem gas pressure spring	Mechanical with support by tandem gas pressure spring	Mechanical with support by tandem gas pressure spring	Electric	Electric
Opening angle roof access	approx. 80°	approx. 80°	approx. 80° (TOP-90 SOUND: approx. 60°)	approx. 80° (TOP-90 SOUND: approx. 60°)	approx. 85°	approx. 60° / 90° (hinge position)
CE mark / declaration of performance according to	DIN EN 1873	DIN EN 1873	DIN EN 1873	DIN EN 1873	DIN EN 1873	DIN EN 1873
Ventilation function				230V / 400 mm stroke	24V / 500 mm stroke	24V / 300 mm stroke
Smoke dissipation function (in accordance with state building regulations)				24V / 500 / 600 mm stroke	24V / ca. 85°	24V / ca. 60° / 90°
	Metal-AK-TE -30/-40/-50 ISO-THERM-AK -30/-40/-50/-60 Steel-Alu-Coil-AK -30/-40/-50 GFK-AK -30/-50 PVC-AK -15/-30	Metal-AK-TE -30 / -40 / -50 ISO-THERM-AK -30/-40/-50/-60 Steel-Alu-Coil-AK -30/-40/-50 GFK-AK -30/-50 PVC-AK -15/-30	ISO-THERM-AK -30/-40/-50/-60	ISO-THERM-AK -30/-40/-50/-60	Metal-AK-TE -30/-40/-50 ISO-THERM-AK -30/-40/-50/-60 Steel-Alu-Coil-AK -30/-40/-50 GFK-AK -30/-50	ISO-THERM-AK-steep

Functions at a glance

Mechanical roof access	✓	✓	✓	✓	X	X
Mechanical roof entry	✓	✓	X	X	X	X
Mechanical roof access and entry	✓	✓	X	X	X	X
Electric roof access	X	X	X	X	✓	✓
Ventilation function combined	X	X	X	✓	✓	✓
Smoke extraction function combined	X	X	X	✓	✓	✓

Insert combinations skylight dome (size-dependent)

TOP-90 2-Skin	✓	✓	X	X	✓	✓
TOP-90 3-Skin	✓	✓	X	X	✓	✓
TOP-90 COMFORT 4-Skin	X	X	X	X	X	✓
TOP-90 PLUS	✓	✓	X	X	✓	✓
TOP-90 SCHALL	X	X	✓	✓	X	✓
TOP-90 COMFORT-S	X	X	✓	✓	X	✓

Roof access product variants	DA-SG	DA-TG	DA-M	DA-M-EL	COMBI-FITTING	DA-EL
Dome rooflight upstand	ISO-THERM-AK	Metal-AK-TE	Metal-RAK	GFK-AK	GFK-RAK	PVC-AK
Upstand						

Accessories roof access

Head	✓	✓	✓	✓	✓	✓
Ladder holder	✓	✓	✓	✓	✓	✓
Grating with ladder holder (arrangement depends on opener equipment)	✓	✓	✓	✓	✓	✓

Accessories staircase smoke extraction

24V staircase SHEV control panel	X	X	X	✓	✓	X
24V/48V – SHEV central unit (emergency power buffered ventilation function)	X	X	X	X	X	✓
Release button	X	X	X	✓	✓	✓
Ventilation button	X	X	X	✓	✓	X
Key ventilation button (for DA-EL)	X	X	X	X	X	✓