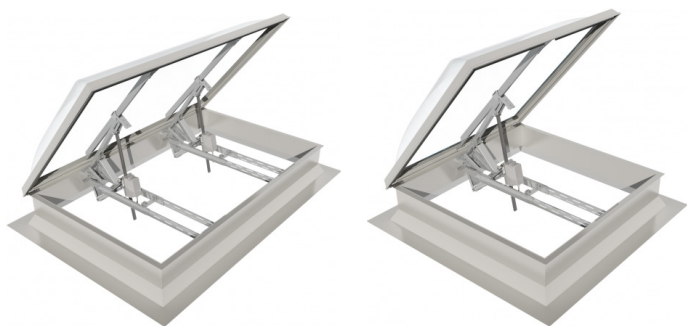


## F100 Dome Vent

The F100 Dome Vent is an ideal solution for smoke ventilation applications. The certified vent can be installed for smoke extraction in almost all building types.

The LAMILUX, CFC-free upstands are made from fibre-reinforced composite, white in colour and thermally insulated with polyurethane hard foam. They also feature a weatherproof sealing system.

Opening the vent ensures that staircases are kept free from any smoke. It also allows for roof access when required. The drive has a 3000 N force of pressure and a running speed of 11.1 mm/s, making this system the optimal solution for skylights.



### Technical Data

<b>Force of pressure</b>	3000 N
<b>Tensile force</b>	3000 N
<b>Nominal locking force</b>	2200 N
<b>Running speed</b>	7.1 mm/s
<b>Wind load class</b>	1500 N/m <sup>2</sup> *
<b>Snow load class</b>	500 N/m <sup>2</sup> *
<b>Type of protection</b>	IP 64
<b>Temperature range</b>	-5 °C ... +75 °C
<b>Fire resistance</b>	B300 (30 min / 300 °C)
<b>Connection</b>	2.5 m silicone cable

\* Values for dome size 2.25 m<sup>2</sup>.

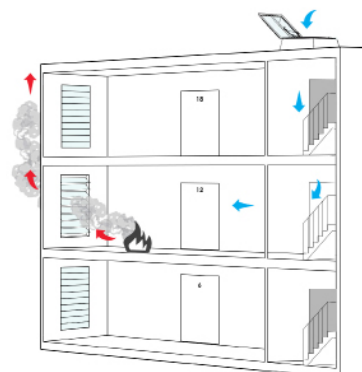
### Features

- EN 12101-2 certified.
- Multiple sizes available.
- Dual purpose, smoke ventilation & roof access.
- Low power consumption.
- Fast, safe opening in the event of fire.
- Daylight transparency, light direction & diffusion.

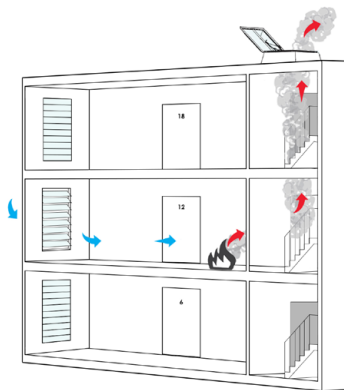
### Examples of application in case of fire:

External wall vent on fire floor opens to draw the smoke and gas up and out.

Pressure causes the stairway fire door to open. The F100 dome vent opens to bring fresh air in.



This process can work either way. The external wall vent can bring fresh air into the fire floor, with the F100 dome vent drawing the smoke and gas up and out of the building.



- Solar and heat protection.
- Heat insulation.
- Noise insulation.
- Self-cleaning.
- Anti-burglary protection.
- Available in clear and opaque.

