

VELUX®

Commercial



We are VELUX Commercial

Your preferred partner for daylight and ventilation solutions

Version 1.0

veluxcommercial.com



The importance of daylight and ventilation

While **good health is recognised as the main contributor to the enjoyment** of a happy life, one significant part of it is sometimes ignored. The **importance of daylight and fresh air within our working, shopping and learning environments** cannot be over-estimated.

If **we design buildings with daylight and fresh air**, it's well within our ability to create spaces **that are good for both people and the planet.**

VELUX Commercial designs and manufactures daylight and ventilation solutions for industrial, commercial and public buildings, and our solutions will bring daylight and fresh air, along with smoke and heat exhaust ventilation, through any roof and into any type of building.

“ The people who design, operate and maintain our buildings have a bigger impact on our health than our doctors.

Joseph Allen, Professor, Harvard University



VELUX acquired JET Group and Vitral in 2018 and established the VELUX Commercial division in the beginning of 2019.



Daylight and ventilation solutions for working, learning and shopping

Today, **we spend up to 90% of our time indoors** – in our homes – but also inside industrial, commercial or public buildings, places where we work, learn or shop.

Daylight and fresh air are key design choices, which can **increase building users' productivity by 15%** and **reduce** the building's **energy consumption by 20%**. In addition, skylights play a major role in keeping the building and its occupants **safe by removing toxic smoke** in case of fire.

Still, many buildings don't have skylights, or they are not fully used. Skylights are highly regulated in terms of daylight, smoke and heat exhaust, and natural ventilation. They are installed at height, not easily accessible, and exposed to harsh environments.

Decision makers might assume that designing and constructing with daylight and fresh air is too complicated or that budget doesn't allow it – even though feasible solutions exist.



Our promise

VELUX Commercial aims to be **your preferred partner for skylights and smoke and heat exhaust ventilation solutions in commercial buildings.**

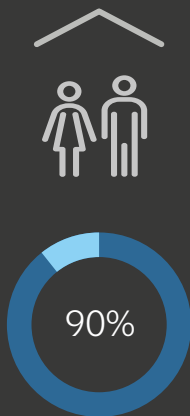
Our team of daylight and ventilation experts will carefully listen to your specific needs and **help you select the best and safest possible solution, make sure its properly installed, well-functioning and maintained.**

As part of the VELUX Group, we lean on the daylight and ventilation expertise built up over the last 80 years. We offer **domes and flat roof windows, continuous rooflights and glass systems** in all shapes and designs with smoke, heat and comfort ventilation. We offer **safety on the roof** and in the solutions.

Facts and figures

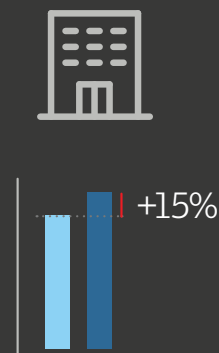
People spend about 90% of their time indoors.

(Source: World Health Organization 2014)



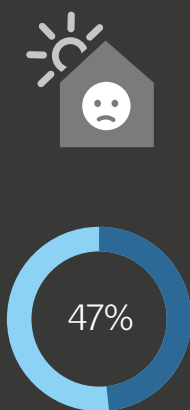
Good indoor climate with daylight and fresh air can improve office productivity by 15%.

(Source: World Green Building Council 2013)



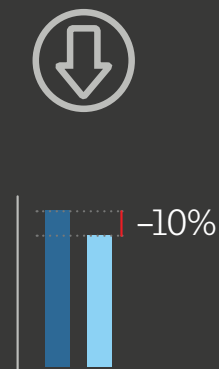
47% of office workers have no natural light in their working environment.

(Source: Human Spaces 2015)



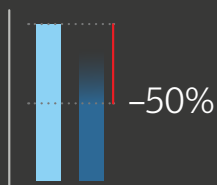
Too high or too low temperature in a building can decrease employee performance by up to 10%.

(Source: Seppänen, O., W.J. Fisk, and Q.H. Lei 2006)



Electric lighting accounts for 19% of global electricity consumption. Electricity consumption for lighting in a commercial building could be halved using daylight.

(Source: International Energy Agency SHC Task 61)



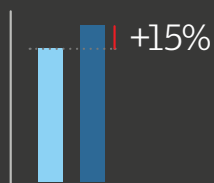
Approved smoke and heat exhaust ventilation systems are an essential part of any modern fire protection strategy.

(Source: CE classifications according to EN Standard)



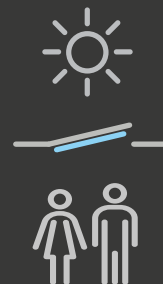
Learning abilities of children increase by up to 15% in good indoor climates.

(Source: Fraunhofer – Schools in Europe 2015)



Daylight and comfort ventilation together with heat control, to prevent glare and block the heat from the sun, offer unique possibilities to create healthy, comfortable and productive indoor spaces.

(Source: Healthy Home Barometer 2016-19)



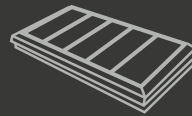
Your preferred partner throughout the entire building process

SPECIFICATION (PRE-CONSTRUCTION)



Consultancy and specification
We help get the building process started. Our building consultants stand ready to specify the project. We offer expert guidance even before the project gets approved.

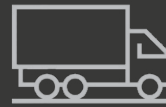
PRODUCTION AND CONSTRUCTION



We have the widest offering on the market
We offer domes and flat roof windows, continuous rooflights and glass systems in all shapes and designs, with smoke and heat exhaust ventilation and comfort ventilation.



BIM objects
CAD and BIM software models and objects for Virtual Design Construction (VDC) are available for most products and are updated with CAD on a regular basis.



Production, testing and delivery
We manufacture, we test and we document in accordance to EN standards and then we deliver your solutions to site when you need them.



VELUX Daylight Visualizer
A professional simulation tool that offers precise and visually convincing daylight analysis of any given rooflight installation where products are available in 3D CAD.



On-site support
Consulting on projects, progress and critical issues. Training and instruction for installers on construction sites.



Technical documentation
To support an easy specification, flawless documentation and a fast installation. Download brochures, technical handbooks, product sheets, manuals and installation documents.



Installation
We manufacture, supply and install the solution. We guarantee both product and installation.

* Available for most of our products in most of the markets we operate in.

SERVICE AND MAINTENANCE



User guidance

To maximise performance output we offer training on the different components.



Product service

Should the system require professional support, our technicians will offer full system-service and maintenance of the rooflight and smoke exhaust solutions.



Smoke and heat exhaust ventilation maintenance

Service to plan, install, commission and conduct regular legal maintenance of smoke and heat exhaust ventilation systems.



Glass construction maintenance

Regular maintenance and care of glass construction prevents water penetration and damage to the building.

VELUX Commercial global product platform

Domes and flat roof windows

Our complete range of prefabricated, ready-to-install domes and flat roof windows provide single sources of daylight and fresh air as well as smoke and heat exhaust ventilation.

Continuous rooflights

Our economic continuous rooflight systems provide large areas of natural, diffused light as well as comfort and certified smoke and heat exhaust ventilation options in a lightweight construction.

Glass systems

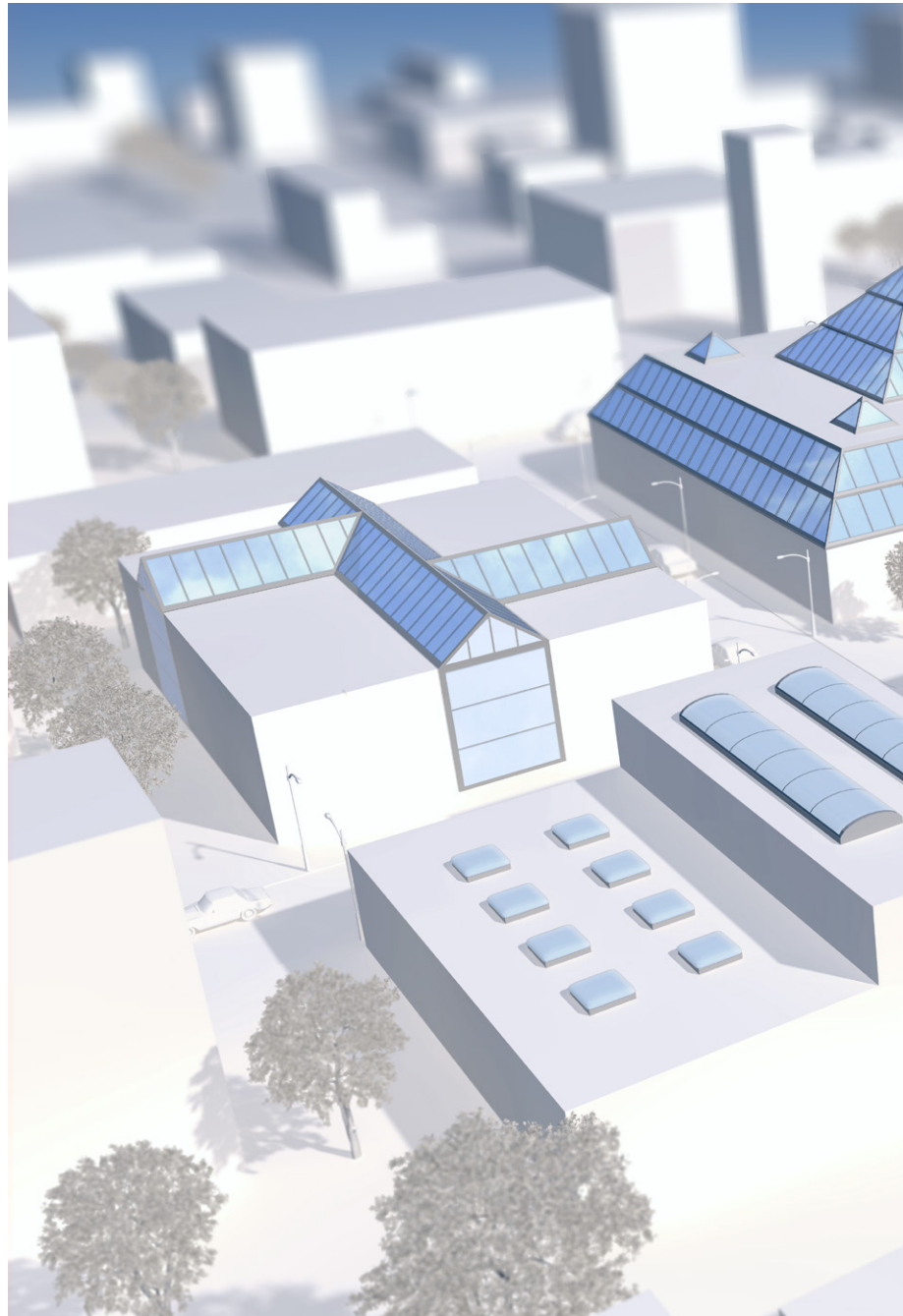
Our reliable glass systems with design flexibility enable you to produce a building with optimal daylight and fresh air as well as smoke and heat exhaust ventilation to support occupant wellbeing.

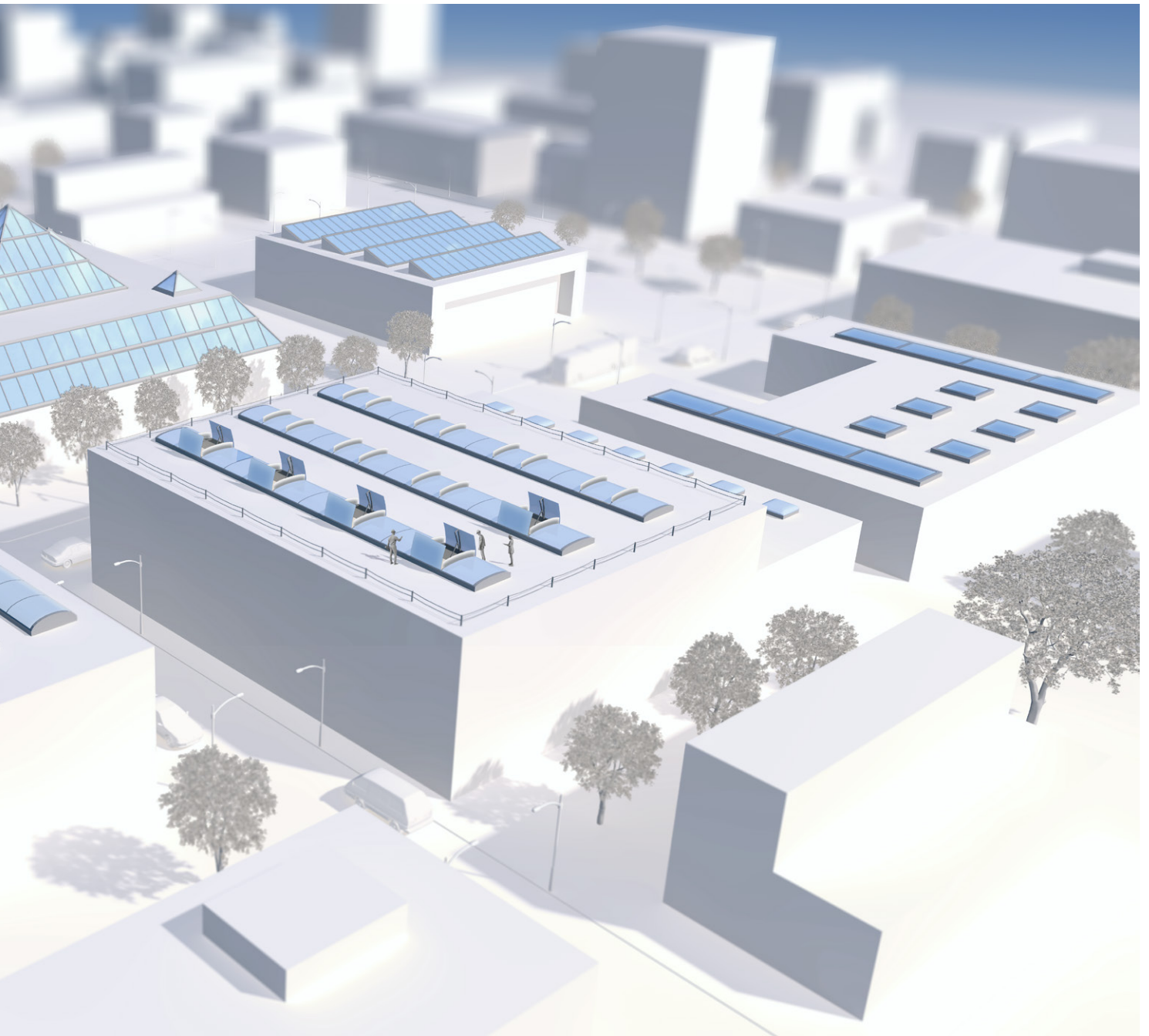
Smoke exhaust and comfort ventilation

Our solutions for smoke and heat exhaust ventilation, comfort ventilation and daylight and heat control ensure safety and occupant wellbeing.

Service and maintenance

24h service and regular maintenance of smoke and heat exhaust ventilation and comfort ventilation systems and glass constructions.



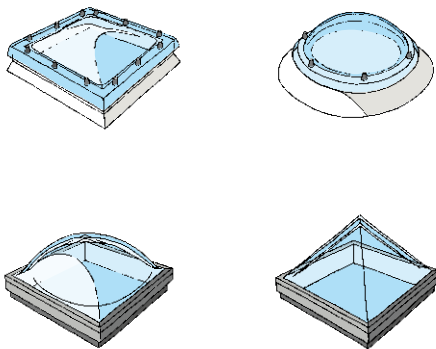


Products and services

Domes and flat roof windows

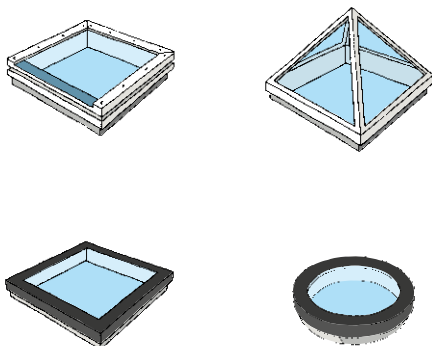
Domes

Lightweight solutions in different shapes that provide daylight, comfort ventilation and certified smoke and heat exhaust ventilation.



Flat roof windows

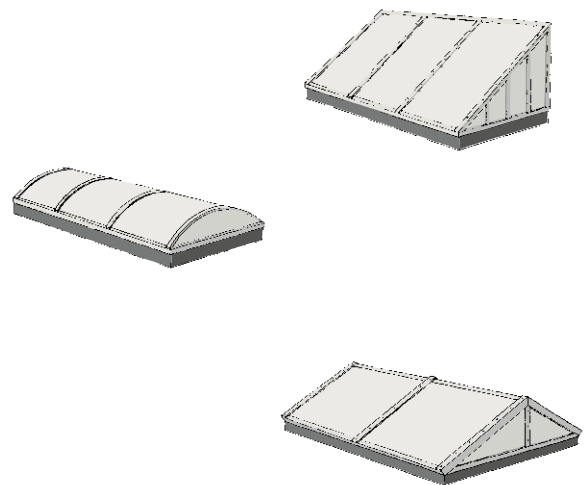
Made-to-measure, aesthetic, durable, double or triple glazed solutions that provide daylight, comfort ventilation and sound insulation.



Continuous rooflights

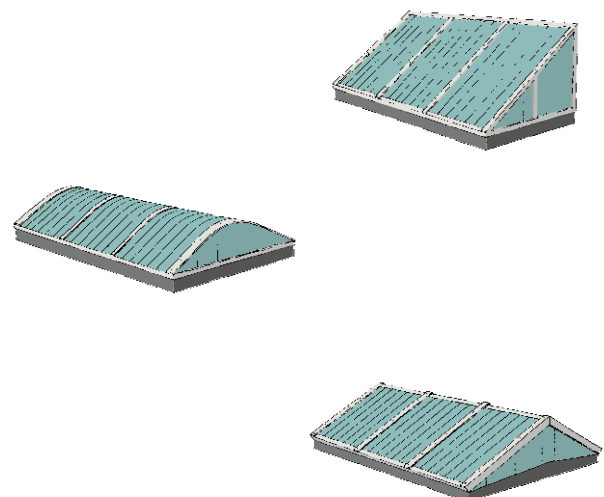
Polycarbonate

Lightweight prefabricated systems with multiple configuration possibilities that provide diffused natural light and certified smoke and heat exhaust ventilation.



GRILLODUR®

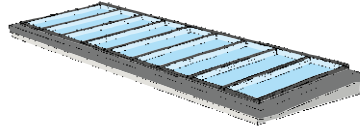
Prefabricated, semi-transparent fibreglass panels with excellent mechanical properties and high chemical resistance providing glare-free daylight and certified smoke and heat exhaust ventilation.



Glass systems

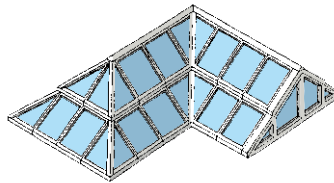
Modular Skylights

Complete pre-engineered modular design system with optional blinds. Easy specification, predictable performance and quick installation time on site means complete efficiency throughout the entire building project.



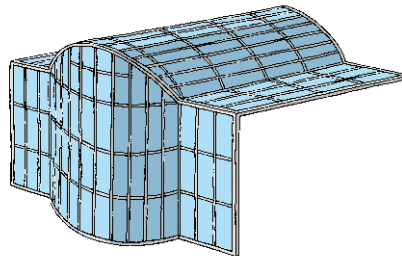
Glazing Panels

Prefabricated panels with slim profiles for aesthetically pleasing, elegant design. Design freedom with corner solutions as gable, hip and valley.



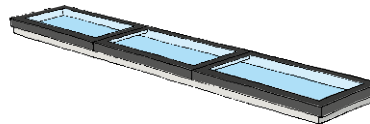
Stick System

Stick-glazing systems assembled onsite providing made-to-measure solutions with almost unlimited design flexibility for the entire building envelope.



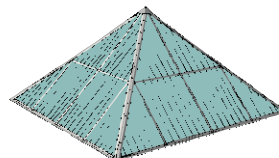
Modular Rooflights – Linearlight

Aesthetic modules on upstand to be combined with connector beam to create long rows of daylight. Design offers short and wide modules.



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Impact resistant fibreglass panels for diffuse daylight in a lightweight construction, with flexible design for the entire building envelope.



Products and services

Smoke exhaust

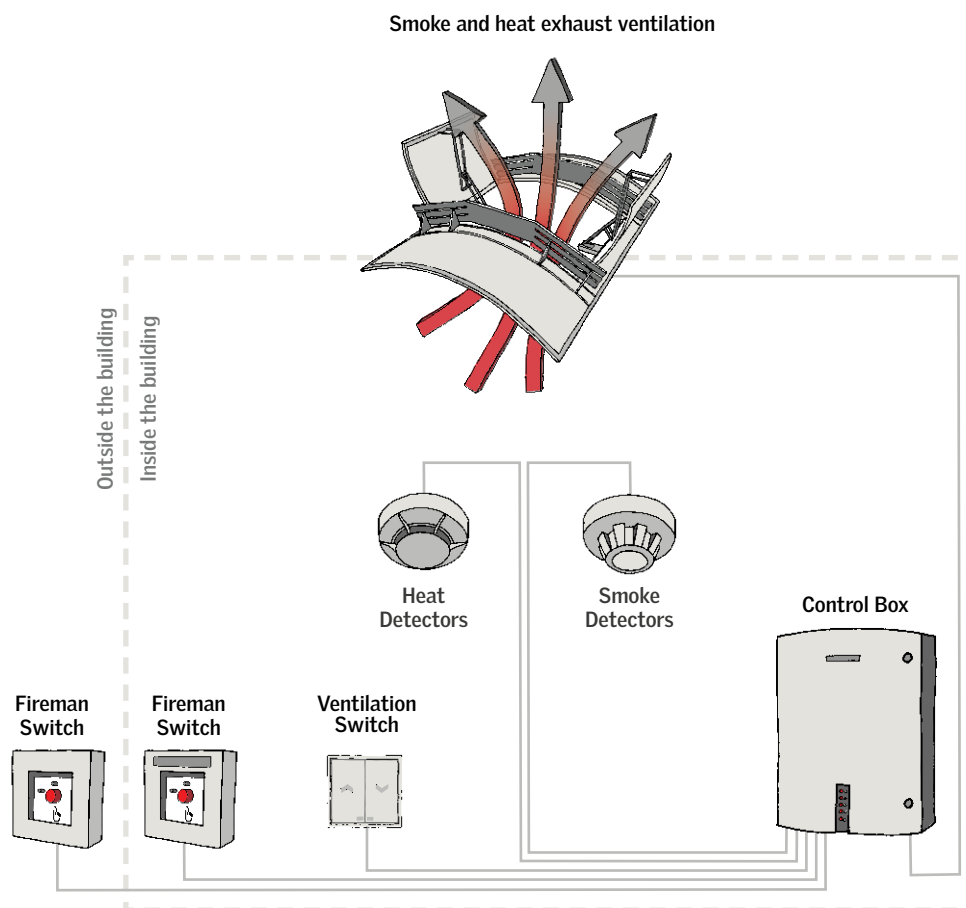
Certified Smoke and heat exhaust ventilation

The certified modules

End-to-end support offered for certified smoke and heat exhaust ventilation systems in compliance with local regulations that also allow comfort ventilation and daylight.

The certified system

The certified system behind the solution. Control Boxes, Smoke Detectors, Heat Detectors, Fireman Switches.

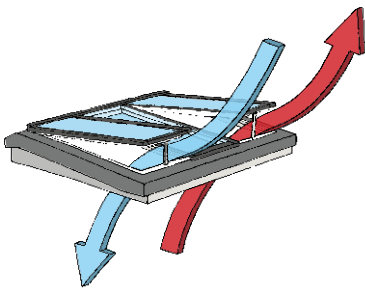


Comfort ventilation

Ventilation and heat control

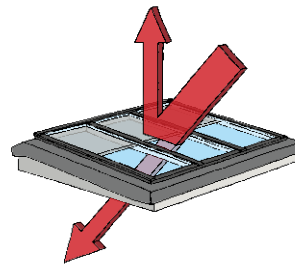
Comfort ventilation

Solutions for optimised indoor climate with fresh air for daily comfort and well-being.



Daylight and heat control

Solutions for control of daylight, heat and glare for daily comfort.



Products and services

Service and maintenance

User guidance and product service

To maximise performance output, we offer training on the different components. Should the system require professional support our technicians will offer a full system service and maintenance of the rooflight and smoke exhaust solutions.

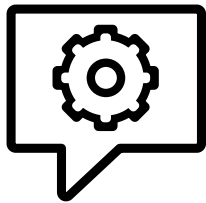
Smoke and heat exhaust ventilation maintenance

Smoke and heat exhaust systems are safety systems which require regular maintenance by law **to ensure correct functioning of the system and to protect human lives and property values**. Our service and maintenance teams offer both the regular, legal maintenance and ad hoc maintenance of all pneumatic, electrical and pyrotechnical smoke and heat exhaust ventilation systems.

To enable free movement and safety on the roof we provide a comprehensive range of equipment to ensure a safe working environment.

Glass construction maintenance

Regular maintenance and care of glass construction prevents water penetration and damage to the building. Our qualified personnel will clean the water drainage by removing the accumulated dirt, ensure correct water drainage, check all screw fittings, assess and examine glass panels, seals and sealants and carry out any other necessary construction care actions.



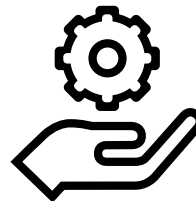
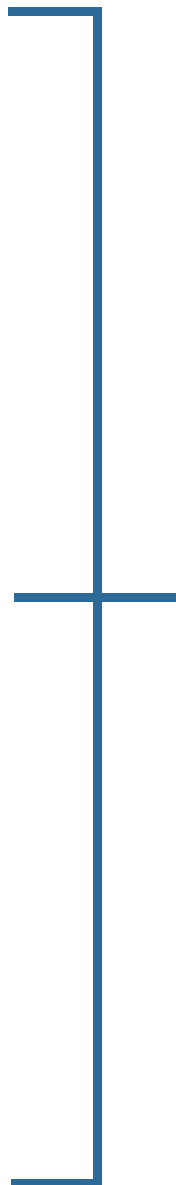
User guidance and product service



Smoke and heat exhaust ventilation maintenance



Glass construction maintenance

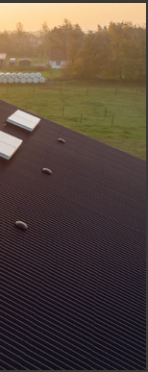


Service & maintenance

What we offer



Photographers: René Løkkegaard Jepsen, Jesper Leonard, Laura Stamer, Jesper Blæsild, Mads Frederik, Roland Halbe, Luca Zanier, Bryan Hurkx, Imagizz Communication, Pepijn Stok, Mateusz Ciaglo, Storm Production.



VELUX Commercial

VELUX Commercial aims to be your preferred partner for skylights and smoke exhaust solutions in industrial, commercial and public buildings.

Our products provide daylight and fresh air for people working, learning and shopping and can improve well-being, productivity, learning capabilities and safety.



Public buildings



Offices



Industrial and
warehousing



Sports facilities



Education



Healthcare



Hotels and
conference centres



Retail and
shopping malls



Airports and
railway stations



Your
building project

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