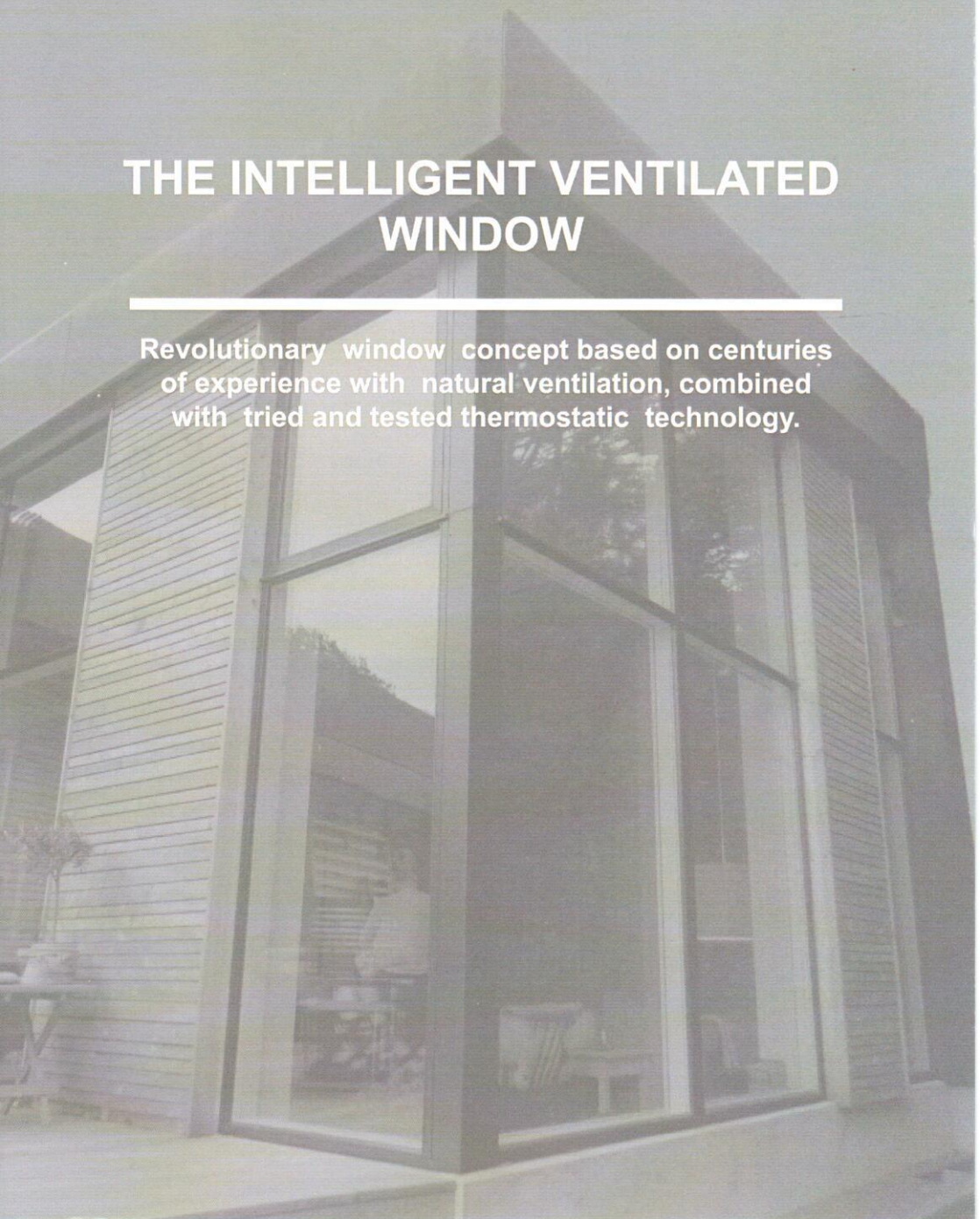


# THE INTELLIGENT VENTILATED WINDOW

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Revolutionary window concept based on centuries of experience with natural ventilation, combined with tried and tested thermostatic technology.



## **BETTER AND SIMPLER INDOOR CLIMATE WITH LESS ENGINEERING**

### **REDUCES INSTALLATIONS**

By providing fresh pre-heated air through the Intelligent Ventilated Window it is possible to avoid or reduce the need for balanced ventilation systems.

### **SAVES SPACE**

The technology is integrated in the window construction and requires no extra space for installation units or pipework.

### **COST LESS**

Saves costs by saving piping and components combined with up to 25% savings on energy costs and an expected long life.

### **LOWER RUNNING COSTS**

No advanced electronics to be serviced, no annual change of filters and no expensive service contracts.

### **SUSTAINABLE**

Made from sustainable materials and using natural air flow.

### **ESTETHICS & STANDARDS**

Suitable for all type of buildings. Require no interference with other building parts. The window fulfils all modern plus-energy requirements.

# ESTHETIC SOLUTIONS SUITABLE FOR DIFFERENT TYPES OF ARCHITECTURE

## PRIMARY FUNCTIONS

- Adds to the heating of the building when outside temperatures are low.
- Reduces the need for cooling when outside temperatures are high.
- Supply of fresh pre-heated air to secure a good air exchange.

## ADD ON FUNCTIONS

- Eliminates risk of mold in buildings.
- Reduces need for mechanical ventilation.
- Suitable for use as noise reducing windows.
- Excellent sun shading and self cooling capability.
- Easy to combine with other energy control systems.
- Optimal energy solution if combined with air/water heat pump.
- Meets current and known future building regulation requirements.

## PROJECTS



**KBNK Arkitekten**  
Green Building Goldbekkanal



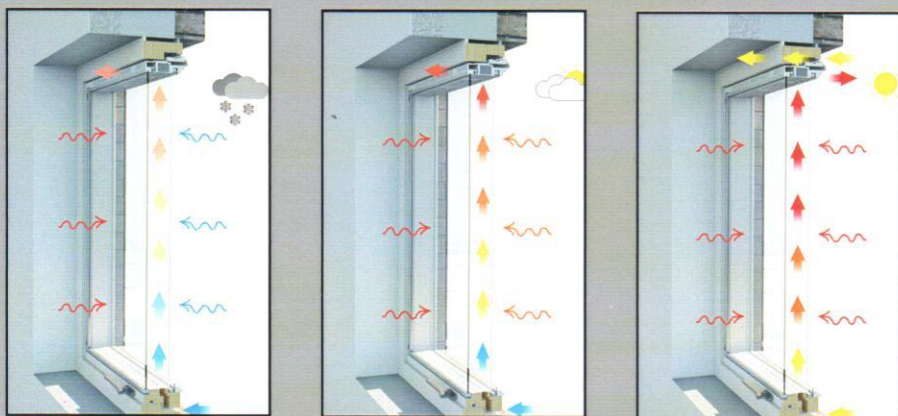
**GAIA Arkitekter, Oslo**  
Glasslåven Culture Centre



**Cornelius & Vøge Arkitekter**  
Gundsemagle Sognehus

## AIR CIRCULATION

The Intelligent Ventilated Window is a dynamic unit. The thermostatic air-valve system responds to the temperature in the double window construction and the outside temperature. Air intake is located at the bottom and air control at the top.



Tested by Fraunhofer and documented by Aalborg Universitet.  
In the Climawin Calc programme developed by AAU the energy savings are calculated for documentation purpose on your project. Contact us for more details.

Read more and/or download Revitt/BIM files:

[www.ventilationsvinduet.dk](http://www.ventilationsvinduet.dk)  
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