



# VENTILATION AT A GLANCE

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[www.evia.eu](http://www.evia.eu)





## EVIA: the face of the ventilation industry

### WHO WE ARE

The European Ventilation Industry Association (EVIA) was established in Brussels in July 2010. EVIA's mission is to represent the views and interests of the ventilation industry and serve as platform between all the relevant European stakeholders involved in the ventilation sector, such as decision-makers at the EU level as well as our partners in EU Member States.

### MISSION

EVIA aims to promote highly energy efficient ventilation applications across Europe as well as high indoor air quality (including heat recovery and demand control) through quality solutions (products, installation and maintenance) at European and national levels.

### ACTIVITIES

The core of EVIA's activities is to provide knowledge and raise awareness on the benefits of ventilation among EU stakeholders as well as provide assessments on the impact of European policy on the ventilation business.

These include:

- ▶ Engage in policy dialogue with EU decision-makers
- ▶ Spread best practices regarding design, installation and maintenance
- ▶ Encourage a normative harmonization process at EU level
- ▶ Monitor the developments of key EU policy fields

For example:

- ▶ Ecodesign of energy-related products
- ▶ Energy labelling
- ▶ Energy Performance of Buildings Directive (EPBD)
- ▶ Energy Efficiency Directive

**INDOOR AIR QUALITY**  
Indoor air can be up to 10 times more polluted than outdoor air!



## Ventilation every day, everywhere

### INDOOR AIR QUALITY

With a comprehensive understanding of how healthier surroundings can improve our indoor life, work, study and living environments, EVIA members focus on ensuring that high quality indoor air remains a key European policy priority.

Europeans spend 90% of their time indoors, inside buildings where pollutant levels are often much higher than those found outside.

In fact, the indoor air in our homes, schools, offices and factories can be twice, or even five times more polluted than outdoor air. In some more extreme cases, indoor air has been found to be a hundred times more polluted than its outdoor equivalent.

Exposure to indoor pollutants, mainly as a result of everyday products and activities, is the key contributor to asthma and the spread of most infections and allergies.



### ENERGY EFFICIENCY

EVIA takes the view that the ventilation sector can effectively contribute to the energy efficiency targets set by the EU. Indeed, comfort ventilation is an “enabler” for the air-tight Zero-Energy-House that the EU needs to carry out as part of its aim to reach 27% or greater energy efficiency by 2030.

EVIA considers the use of electricity in terms of investment rather than in terms of expense. Heat recovery and Demand Control in ventilation systems for instance can result in avoiding large heat losses in buildings and therefore contribute to the overall energy performance of a building.

For example, households can **save up to 30% of their heating costs** by using energy-efficient ventilation products – products that reuse the heat contained in waste air.

In addition to offering significant cost savings, ventilation can also contribute to better health and provide improved living and working environments.

### ENERGY PERFORMANCE OF BUILDINGS

Buildings account for more than 40% of the total energy consumption in Europe.



## Sectors / Products / Applications

### RESIDENTIAL VENTILATION

Residential ventilation is at the heart of where many of us spend most of our time – our homes.

Because individuals and families spend extended periods in houses and apartments, it's critical that we pay proper attention to the quality of home ventilation systems.

These types of residential ventilation products range from a very simple fan to a high-tech ventilation system serving an entire apartment building.

### NON-RESIDENTIAL VENTILATION

Supermarkets, schools, stadiums, theatres, laboratories and offices rely heavily on nonresidential ventilation systems.

As these systems go through the process of ventilating and providing healthier indoor air, they also provide other key functions such as central heat recovery ventilation and indoor climate control. Again, you might not be aware of the presence of non-residential ventilation, but these systems make our indoor environment healthier and more comfortable!

### FANS

Whether we realise it or not, they are all around us every day! Fans allow us to enjoy the excellent hygiene, food safety and quality-of-life that we've become accustomed to.

Mostly, fans are hidden from view. They're in schools, colleges, offices, factories, train stations, airports and shopping centers; they're an integral part of food processing and cold chain storage; fans help to protect precious IT records in data centers and are a vital element of public transport systems.

So, throughout any given day you are more than likely to have experienced the positive effects of fans!

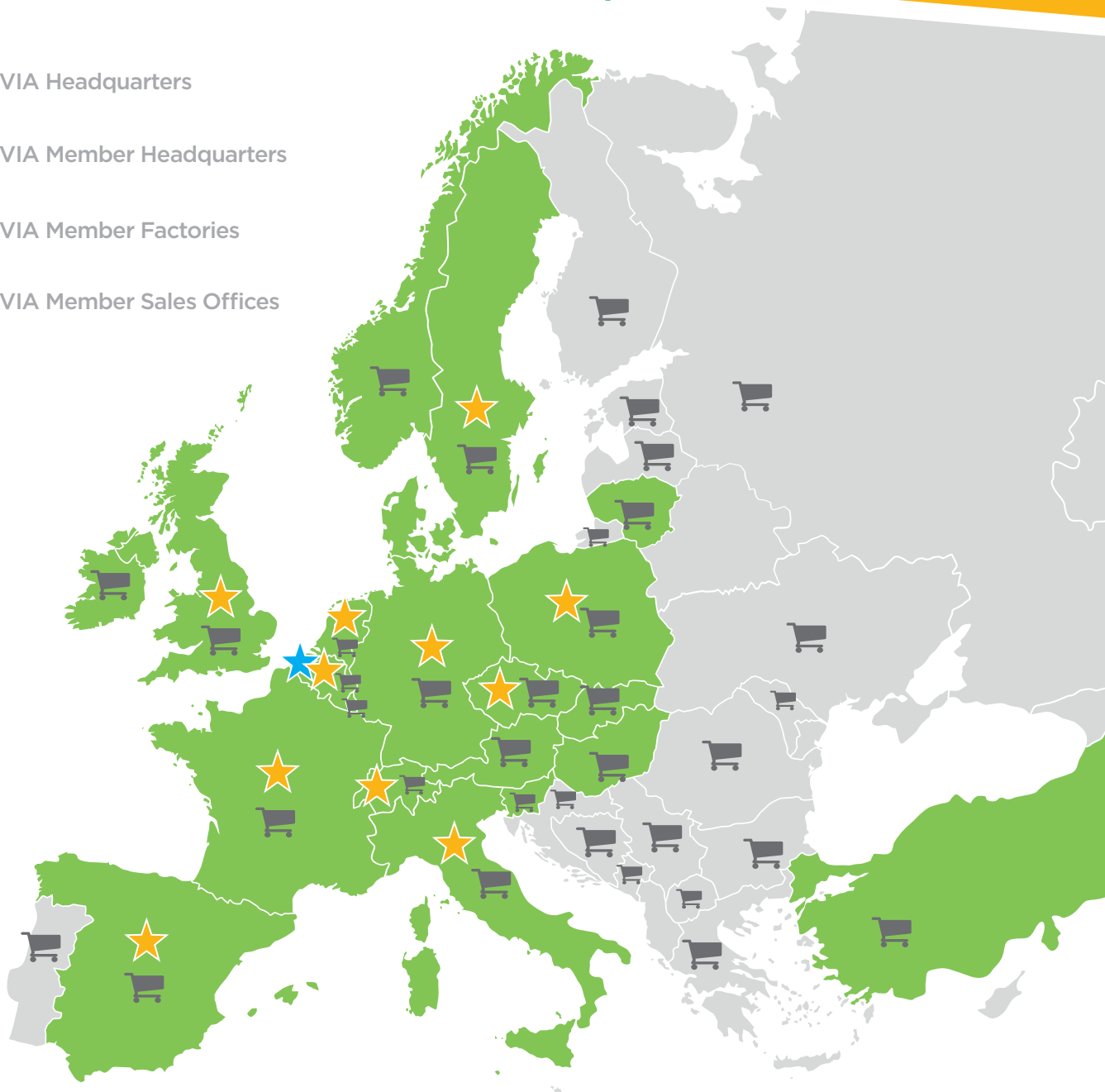


Demand Controlled ventilation unit (UVU) for the residential market



## Overview of EVIA's Presence In Europe

-  EVIA Headquarters
-  EVIA Member Headquarters
-  EVIA Member Factories
-  EVIA Member Sales Offices



## Membership

EVIA represents **45** member organisations, including 39 companies and 6 national associations.

### Companies



### Associations



## Contact EVIA

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