

Natural ventilation
that's a breath of fresh air!



We inspire at www.duco.eu

DUCO
Ventilation & Sun Control

WHY & HOW TO VENTILATE?

- > Basic ventilation
- > Transfer ventilation
- > Air extraction
- > Ventilative cooling
- > External solar shading



Why ventilate?

We spend on average around 90% of our time indoors. The quality of the air inside buildings often leaves something to be desired, however. To be able to function properly, we therefore **need fresh as well as healthy outside air**.

Insulation is certainly important but ventilation is necessary to guarantee a healthy indoor climate. Good ventilation ensures a **healthy home and a healthy family**. It promotes the occupants' comfort and performance as well as preventing ill health.

How to ventilate?

Various ventilation systems are available, but under Dutch legislation there are a number of steps that must be followed. The fresh air must be brought into the home through 'dry rooms', such as the living room and bedroom. This air must then be able to circulate, via throughflow openings, to the 'wet rooms', such as the kitchen, bathroom and toilets. Here the contaminated and/or humid air is extracted using a quiet and powerful central extract unit.

DID YOU KNOW THAT...

Contamination is twice as high on average indoors than outdoors?



DUCO CO₂ SYSTEM

Simple 'natural' ventilation



- ★ Simple and efficient system
- ★ CO₂-based demand-controlled ventilation
- ★ Ideal for a limited budget
- ★ Extensive range of self-regulating window ventilators

DUCO COMFORT (PLUS) SYSTEM

Smart & energy-efficient ventilation

- ★ Zonal valve control for energy-efficient ventilation
- ★ Intelligent control for optimum comfort
- ★ CO₂ and humidity-based demand-controlled ventilation
- ★ Self-regulating window ventilators for fresh air



DUCOTRONIC (PLUS) SYSTEM

The ultimate form of ventilation



- ★ Minimal energy loss, optimum energy efficiency
- ★ °C, CO₂ and humidity-based demand-controlled ventilation
- ★ Fully automated supply and extraction
- ★ Complete range of electronically controlled window ventilators



“Ventilation in accordance with System C means little maintenance is needed and there are no major maintenance costs!”

COMPONENTS

DucoBox Focus

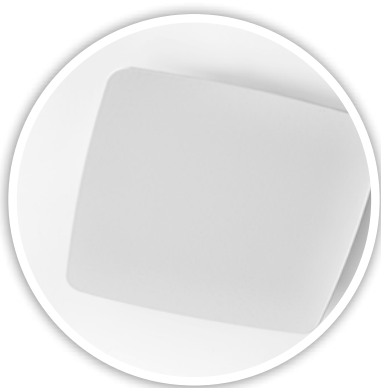
Europe's **SMARTEST** central extract unit!

Quiet and smart ventilation

The DucoBox is a **compact and energy-efficient** central extract unit that is available in two variants: the DucoBox Silent is the best in its class when it comes to acoustics, offering an **extremely low sound power level**. In the case of the DucoBox Focus, the integrated CO₂ and Humidity Control valves ensure the correct amount of air is **extracted smartly**, and only when and where this is necessary!



The DucoBox Silent is bre-approved.



Stylish air extraction

The **DucoVent Design** is an aesthetic exhaust vent which, thanks to its sleek design, can be integrated virtually invisibly in rooms from which air is to be extracted. This aluminium exhaust vent is not only even **quicker and easier** to install, but is also now available in **different versions**. The extra sound attenuation is an added bonus!



Universal design

With a range of different **(designer) sensors** Duco guarantees the efficient extraction of contaminated and/or humid air for both renovation and new-build projects. These CO₂ and/or humidity sensors have been completely upgraded and now **measure** even more **accurately**!

HOME OF OXYGEN

At Duco, we provide oxygen to each building in a perfectly natural way. Allowing fresh air from the outside to directly enter a building through the building envelope, without the need for complex air ducting systems, is the ultimate guarantee of a healthy indoor climate. The occupant's health and well-being are, therefore, central to Duco.

A well-thought-out combination of basic ventilation, intensive (night) ventilation and solar shading is essential to ensure an optimum air quality. Duco provides an innovative solution for residential buildings, offices, schools or care centres where everyone feels at home.

A SOLUTION FOR EVERY SITUATION!

Discover our other concepts in these brochures:



DUCO at WORK



DUCO at SCHOOL



DUCO at CARE

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e-mail info@duco.eu

We will be happy to provide you with any further information on our existing and new products.

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