



Better ventilation with heat recovery

The ventilation support for public spaces

**WE VENTILATE IN
THE OFFICE NOW.**



Healthy indoor air with a comfortable temperature



Aerosol control

In an office where several people are present, aerosols contaminated with viruses can spread quickly and increase the risk of infection. A regular exchange of air is essential, but it also cools down the interior quickly. The decentralized ventilation enables basic ventilation and ensures a comfortable climate in the office.



Quick installation

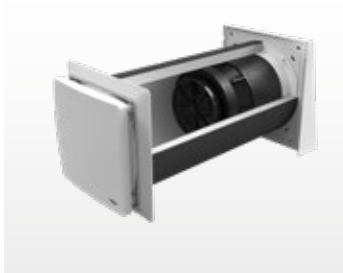
Easy to retrofit: inVENTer ventilation systems are inserted in pairs into the outer wall using a core drill. The ventilation intensity can be set intuitively when connected to the controller.



Heat recovery

Fresh air doesn't have to be cool. Because in the heart of our fans there is a ceramic core which first stores the heat from the indoor air and in a second step releases it back to the incoming outside air. Healthy air with a comfortable temperature.

Your ventilation support



iV-Office – strong and quiet

Maximum performance with minimum noise - that's ventilation with the iV-Office. The Xenion® EFP fan with increased speed ensures healthy air exchange – with up to 52 dB sound insulation thanks to the patented sound insulation concept with Inventin®.

Technical data

EXHAUST AIR VOLUME FLOW [m³/h]	20 – 90
AIR VOLUME FLOW HR [m³/h]	10 – 45
HEAT RECOVERY HR [%]	88
POWER CONSUMPTION [W]	1 – 5
SOUND EMISSION [dB(A)]	12 – 37
ENERGY EFFICIENCY CLASS	A+ / A



sMove controller

The sMove controller controls up to 4 connected systems. The ventilation intensity is set intuitively with Touch & Slide - in the heat recovery or ventilation modes. A pause function is also available.



Optional sensors:
e. g. CO₂ sensor CS1

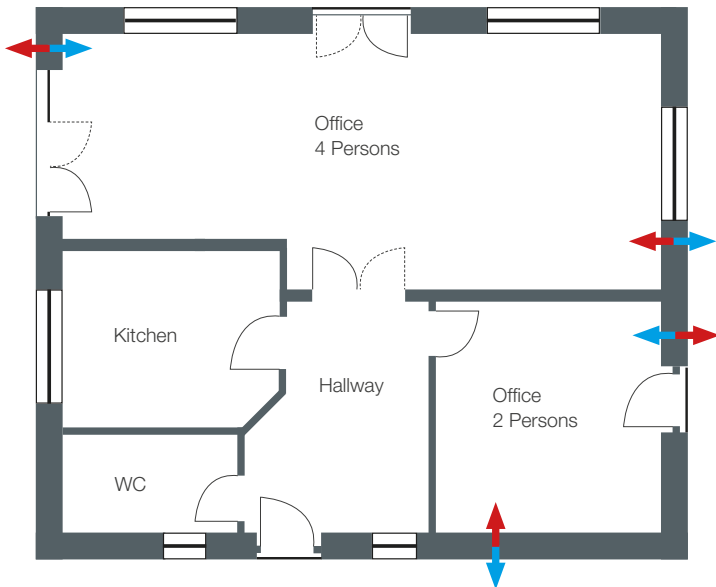
Ventilation in the office



In the office, where there is concentrated work and lively discussions, the CO₂ concentration rises quickly. This can lead to concentration problems and headaches, but also increases the risk of infection with infectious diseases. According to the workplace directive, the **concentration of CO₂ should not exceed 1,000 ppm** - this can be achieved through constant air exchange.



Office rooms must be designed in such a way that: "There is sufficient health-beneficial breathing air available" (ASR A3.6, p. 3). In order to minimize the necessary boost ventilation cycles and thus prevent the office space from cooling down, we recommend **ventilation support** by mechanical ventilation with heat recovery.



Planning examples

Requirement:

30 m³/h per person

Standard:

Workplace directive ASR A3.6 and A3.7

Planning office 2 people:

2 x iV-Office = 30 m³/h per device and person

✓ Compliance with the workplace directive

Planning office 4 people:

2 x iV-Office = 30 m³/h per device

= 15 m³/h per person

+ temporary increase to 90 m³/h possible

+ additional window ventilation

Our service



Do you have a specific project in new construction or renovation and would like a planning proposal?

← You can find your inVENTer representative here!

Or send your request to planung@inventer.de

- ✓ Continuous basic ventilation within the requirements for noise emissions (40 dB (A)) is achieved
- ✓ Infection prevention through the removal of aerosols
- ✓ Low virus concentration due to high proportion of fresh air
- ✓ Reduction of the window opening cycles

inVENTer GmbH
Ortsstraße 4a
D-07751 Löberschütz
Phone: +49 (0) 36427 211-0
Fax: +49 (0) 36427 211-113
E-mail: info@inventer.de
Web: www.inventer.eu

