



inVENTer

Working in the fresh air

2 powerful IV-Office in a set including controller and CO₂ sensor



Healthy indoor air with a comfortable temperature



Low CO₂ concentration

In rooms where several people are present, the CO₂ concentration increases rapidly. The iV-Office ensures fresh, oxygen-rich air through a continuous air change. The regular exchange of air also ensures that the aerosol and virus concentration in the interior is reduced.



Quick installation

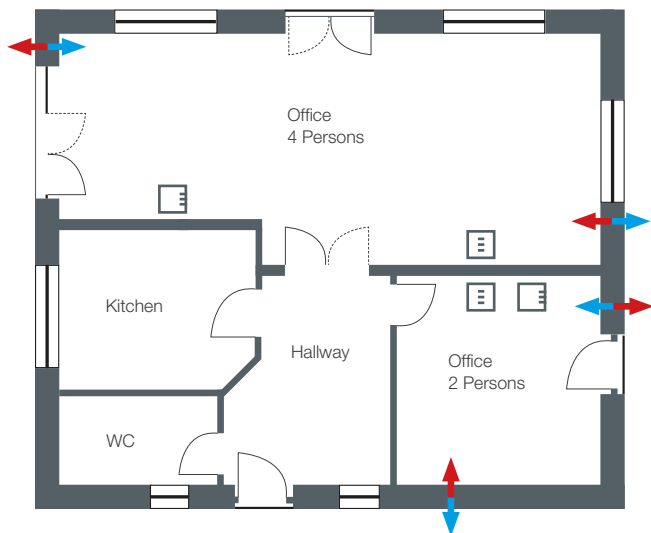
Easy to retrofit: inVENTer ventilation systems are inserted in pairs into the outer wall using a core drill. The ventilation intensity can be set intuitively when connected to the controller.



Heat recovery

Fresh air doesn't have to be chilly. In the heart of our ventilation systems there is a ceramic core that 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.

Decentralised ventilation with the iV-Office



Example – office ventilation with 2 office sets:

iV-Office sMove s8 CO₂ sensor

This is how it works:

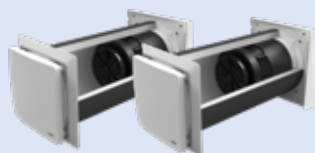
The decentralized ventilation system by inVENTer consists of devices arranged in pairs. The built-in Xenion® fans bring fresh air in, coordinated with one another, and discharge stale air. They change their direction of rotation every 70 seconds in order to recover the heat from the ceramic heat accumulator.

This gives you fresh air, saves valuable heating energy in winter and keeps your rooms cool in summer.

Your 4in1 Office-Set (Article number: 1001-3010)

+ 2 iV-Office

Ventilation units with increased performance



+ sMove s8

Controller with Touch & Slide



+ CS1

Sensor for CO₂ monitoring



4in1: Office in a set

iV-Office – strong and silent

Maximum performance with minimum noise – that's ventilation with the iV-Office. The Xenion® EFP fan with increased speed ensures healthy air exchange, e.g. in the office. Thanks to the special sound insulating material Inventin®, you can work in peace “in the fresh air”.



2 x iV-Office

Technical data iV-Office device pair

AIR VOLUME FLOW	20 – 90
HEAT RECOVERY MODE [m³/h]	
HEAT RECOVERY [%]	88
POWER CONSUMPTION [W]	2 – 10
SOUND EMISSION [dB(A)], 2 m	14 – 41
STANDARD SOUND LEVEL DIFF. [dB]	43 – 52
WALL OPENING [Ø, mm]	270 (2 x)
ENERGY EFFICIENCY CLASS	A+

sMove s8 – Touch & Slide

The sMove s8 controller controls the pair of iV-Office devices. He has 2 operating modes (heat recovery and ventilation) as well as a stepless setting of the ventilation intensity. Filter change indicator, pause and boost functions make operation easier.



1 x sMove s8 controller

MAX. NUMBER OF DEVICES IV-OFFICE	4
MAINS VOLTAGE [V AC], [Hz]	230, 50
INPUT VOLTAGE [V DC]	24
EXTERNAL INPUT [V DC]	0 – 10
POWER CONSUMPTION [W]	max. 11
STANDBY [W]	< 1
PROTECTION CLASS	II

CS1 – CO₂-Sensor

The CS1 is connected to the sMove s8. With it, the CO₂ values of the room air are monitored and the ventilation intensity is automatically increased if necessary. This ensures high air quality.



1 x CO₂ sensor CS1

MEASURAND	CO ₂
MEASURING RANGE [ppm]	0 – 2000
SENSOR MEASUREMENT PROCESS	NDIR



Energy-efficient office ventilation – ingeniously simple with a 250 mm pipe



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

