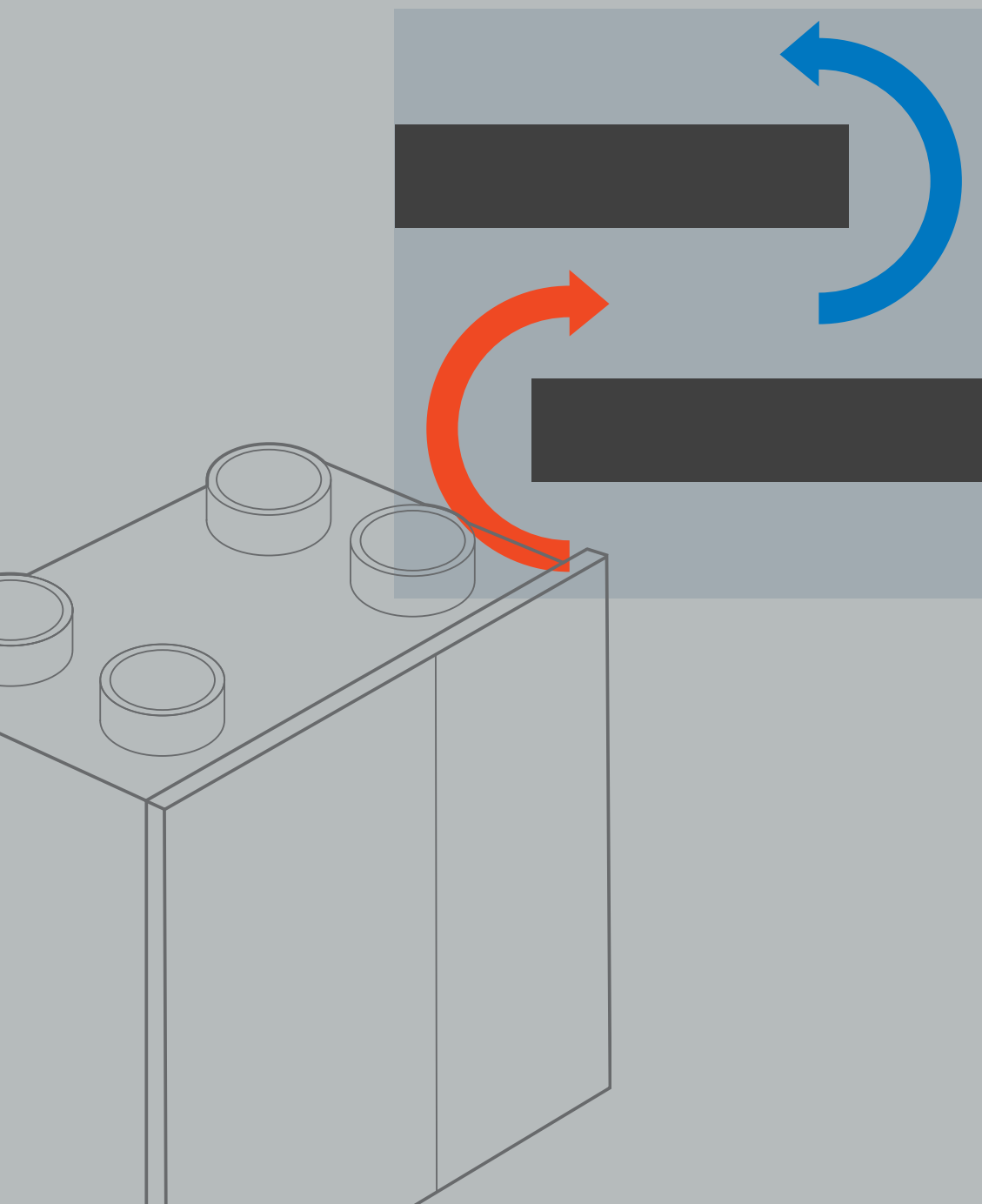


VITOVENT 300

Domestic ventilation system

VIESSMANN





Vitovent 300 –
For ventilation
without wasting
energy

Convenient remote
control

A perfect climate within your own four walls

Modern windows and houses, built according to the low energy principle, are designed to be as "airtight" as possible to reduce heat losses. However, this also prevents an exchange of air between the outside and the inside of the building. But the air quality inside is a major influence on the quality of life inside our homes. The Vitovent 300 domestic ventilation system ensures a sufficient supply of outside air and a pleasant climate, without wasting energy.

The air is fresh so you feel great

We perceive air to be fresh, when its CO₂ concentration falls below 0.1 % vol. Were you to open the window, you could ventilate too much, thus wasting valuable heating energy. Ventilating too little can bring on feelings of tiredness and exhaustion. A domestic ventilation system, such as the Vitovent 300 from Viessmann, constantly ensures a pleasant, healthy climate inside.

Fungus prevention

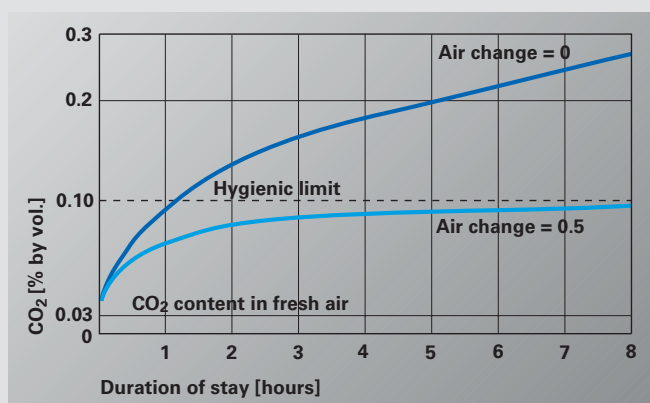
One of the main causes of fungal growth in buildings is humid ambient air. Vitovent 300 balances the moisture content inside your home. This can also prevent damage to the building itself. The reduction of fungal growth and the filtration of outside air further contribute to a feeling of comfort and well-being.

Optimum ventilation, less to pay

Every ventilation system needs electrical power, but the expenditure is worth it, since the thermal energy latent in the spent air can largely be recovered. Consequently, you ventilate without energy loss and you can save on heating costs, over a 12 month period.

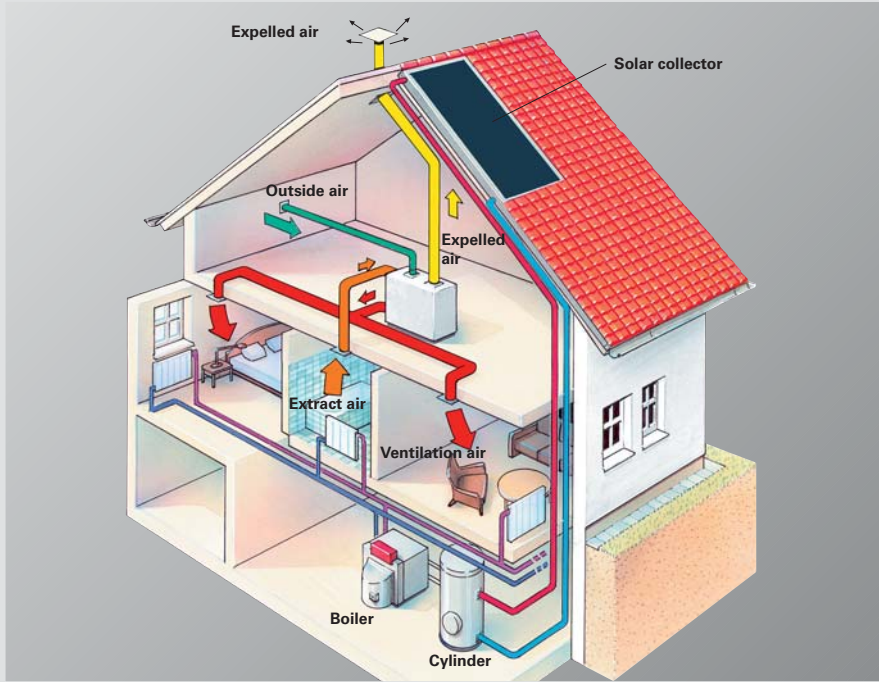
Cooling with night air

The Vitovent 300 is versatile as it can provide heat recovery during the heating season and cooling during the summer. This effect is due to the integral bypass damper which channels cool outside night air into the accommodation.



Increase in CO₂ concentration given off by a single person not engaged in physical activity

Make a positive decision in favour of good health



The Vitovent 300 constantly replaces the ambient air, whilst simultaneously removing odours and noxious substances. A remote control allows you to control your ventilation system with optimum convenience.

Ventilating almost without energy loss

Energy saving is Vitovent 300's trump card. The powerful heat exchanger recovers approx. 90 % of the latent energy in the spent air, which it uses to heat the inrushing outside air. For every kW electrical power used, it yields 15 times as much energy in return. For 150 m² living space, it means a saving of 300 litres fuel oil per annum.

Cooling at night

The Vitovent 300 determines autonomously whether to activate the heat exchanger or not. The bypass damper changes over during the summer, when it is cooler outside than in, and channels cool air inside. The constant volume flow and balance control contribute to good air quality.

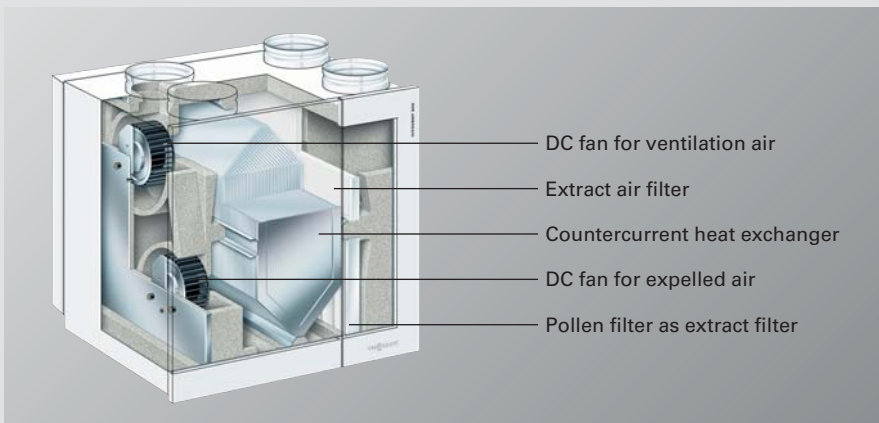
Breathe a sigh of relief

A filtration system, employing an effective pollen filter (cat. 6), cleans the fresh outside air. This allows those suffering from allergies to enjoy a good climate, too.

The Vitovent lets you enjoy a healthy climate and fresh, filtered air

At a glance:

- Balanced humidity management prevents building damage
- Filtered outside air – important for allergy sufferers
- Savings in heating costs
- Odour removal
- Cooling function during summer nights
- Closed windows for improved security against burglary and also noise protection



Max. air flow rate		
(adj. in three stages)	m ³ /h	50 to 260
For houses up to	m ²	180
Power consumption	W	10 to 120
Total dimensions		
Length	mm	525
Width	mm	675
Height	mm	705

Saves time, space and money: Fastflex system

The Fastflex flat duct system is precisely matched to Vitovent 300. This saves time during the installation and adjustment of the domestic ventilation system. It also saves space: Fastflex is simply routed through one floor from where it ventilates both floors, i.e. above and below.

It follows the contours of your house – perfectly

Fastflex is flexible enough to get around every corner. And it is robust enough to be installed underneath the screed amongst the floor insulation, providing reliability for years to come.



Noise transmission is not an issue

The robust plug-in joints between ventilation channels and distribution boxes for ventilation air and extract air are made from stainless steel, a material resistant to environmental influences. Furthermore, these joints provide acoustic separation between individual rooms. Noise transmission via the channel system is prevented.



Condensate and thermal bridges are prevented by a special insulation on external components and those handling the air expulsion

Perfect for passive houses

Where air vents are concerned, the choice is yours: Slots for wall and ceiling or a robust walk-on stainless steel grate let into the floor. Viessmann supplies all outlets with stainless steel casings. All components which are in contact with outside air are provided with special thermal insulation to prevent the formation of condensate and thermal bridges in the building envelope. This makes Vitovent 300 an ideal choice for passive houses too.

The air distribution box is part of a perfectly matched assembly system

At a glance:

- Simple installation and space saving by ventilating two floors with only one installation level
- Robust and flexible enough to adapt to all physical conditions
- Long service life through stainless steel components
- Acoustic separation of all rooms, which prevents noise transmission
- Individual installation options – on the wall, in the ceiling or in the floor
- Greater security: Special insulation on external parts prevents the formation of condensate and thermal bridges

Our comprehensive product range sets new standards



Viessmann offers future-oriented heating systems for oil, gas, solar, wood and natural heat, qualifying them as an independent partner concerning all energy questions.



Our heating systems cover all output demands from 1.5 to 20000 kW – from apartments to large industrial plants.



Our product range, categorised in three steps according to price and technology, offers the right solution for every demand and every budget.



Viessmann matches up all products and consequently offers an optimum level of efficiency – from the initial design to system operation.

Wall mounted boilers for oil and gas, employing conventional and condensing technology



Heating system components, from fuel storage to radiators and underfloor heating systems



Energy systems for the utilisation of environmental energy, solar energy and sustainable fuel supplies



Freestanding boilers for oil and gas, employing conventional and condensing technology

The Viessmann Group

For three generations, the Viessmann family business has been committed to generating heat conveniently, economically, with environmental responsibility and in accordance with the prevailing demand. With a number of outstanding product developments and problem-solving solutions, Viessmann has created many milestones which have frequently made them the technical pacemaker and trendsetter for their entire industry.

Viessmann's orientation is decidedly international – it maintains 11 factories in Germany, Austria, France, Canada, Poland and China, sales organisations in Germany and 35 other countries, plus 112 sales offices around the world.

Responsibility for the environment and society at large, fairness in dealing with business partners and employees, as well as striving for perfection and the highest efficiency in all business processes are core values for Viessmann. This applies to every individual employee and therefore to the whole company. It offers its customers, with the multitude of its products and associated services, the particular benefit and added value of a strong brand.



The Viessmann Centre, Allendorf, with the company's museum "Via Temporis"



Viessmann supports top performances in the sporting arena too



Viessmann sales offices: 112 world-wide

Viessmann Group



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