



# Hoval

## Hoval HomeVent®

13 refreshingly clear arguments in favour of controlled residential ventilation

## Building construction has changed completely since our parents' day.

### 1 **Mould has no chance.**

In the past, buildings were much more air-permeable than they are today due to the materials used. Modern buildings are extremely well-insulated in order to minimise the loss of valuable heat energy. That does mean, however, that hardly any air is exchanged via the building envelope. As a result, it can sometimes be so humid in well-insulated living spaces that mould begins to grow. Furthermore, it takes a long time for harmful vapours from construction materials to be transported outside.

Experience has shown that there is a direct link between health problems and structural damage in inadequately ventilated buildings. A controlled residential ventilation system, also known as comfort ventilation, provides the ideal solution. It ensures that there is a continuous exchange of air and thus prevents mould from forming.



## Fresh air for your family on a sustained basis.

2

### No more dry air.

Cold air absorbs much less moisture than warm air – as you will notice in winter. When our mucous membranes are dry, they become a breeding ground for bacteria and viruses. Hoval comfort ventilation prevents the room air from drying out. The humidity is balanced automatically and kept at a constant level – improving your health and your well-being.



3

### No more bad odours.

A comfort ventilation system distributes fresh outdoor air within your home and reliably carries stale air outside – fully automatically, around the clock and without any draughts. This means that unpleasant odours such as cooking smells won't hang around for hours in your living spaces. And vapours from freshly laid construction materials, parquet floors, furniture, etc. are transported outside as quickly as possible.



“The comfort ventilation system was put into operation after we moved into our new house. The fresh paint and plaster odours disappeared and were replaced with a fresh, pleasant smell. We would recommend it to everyone.”

Florian Lemberger  
Gunskirchen

## Pollen, insects and dust remain outside.

### 4 Fresh air any time, with no unwelcome guests.

As well as ensuring a healthy exchange of air within your home, high-quality comfort ventilation systems like the HomeVent® series from Hoval also keep uninvited guests outside. Unwanted visitors such as spiders, mosquitoes or beetles have no chance of getting past the filters in the ventilation system. Pets such as cats and birds, meanwhile, remain safely in the house because the comfort ventilation system means that you can keep the windows closed.





## You can finally breathe freely, even in pollen season.

### 5 A real help for people with allergies and asthma.

Streaming eyes, runny nose, puffy face – pollen season can be hell for allergy sufferers. HomeVent® comfort ventilation is here to help. It filters allergenic substances such as pollen and dust particles on a lasting basis and ensures an ideal level of room air humidity.



“Our ventilation system ensures good-quality room air at all times. We’ve noticed it particularly in the bedrooms – we’re sleeping better. Another positive side effect is that we’re having to do less dusting than we used to – it’s a dream come true for me as an allergy sufferer!”

Nicole Gallee and family  
Heiligenberg

### 6 Reduced dust levels.

Maintaining an ideal level of room air humidity reduces the dust particles in the air. The continuous exchange of air conveys some of the dust outside on a regular basis. The air exchange is so gentle that you won’t feel any draughts.

## Because it's not enough to just open windows and doors.

**7** **Window ventilation usually isn't enough.** We all know that we should open windows regularly in order to let in fresh air. In fact, we would have to do this every two hours in order to ensure a sufficient exchange of air. A modern comfort ventilation system guarantees the necessary air exchange while also enabling heat recovery at all times. If you do still need to open the windows, you can do so whenever you want even while the comfort ventilation system is running.



# 8

## No more traffic noise.

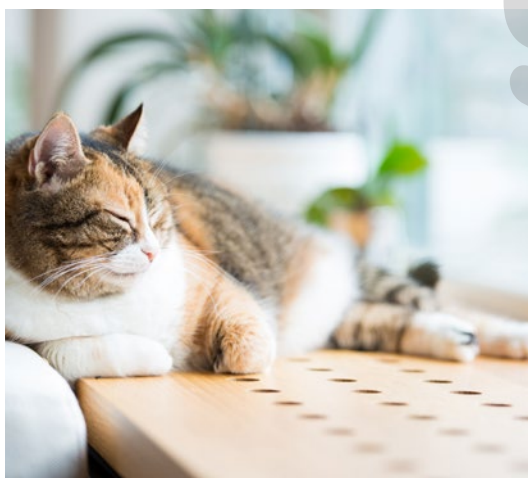
If you live on a busy road or in an area with a lot of noise pollution, you'll know how loud it can be when you open a window. With innovative ventilation technology, however, you don't have to worry because you won't need to open windows at all. Hoval HomeVent® comfort ventilation works efficiently and exceptionally quietly. You will hardly notice it's there.



# 9

## No draughts.

With a comfort ventilation system, the air enters the room so slowly and quietly that you will hardly feel or hear it. Furthermore, unlike in the case of window ventilation, the air is already at a pleasant temperature when it comes into the room. To ensure optimum comfort, it is important to pay close attention to the positioning of the air outlets when designing the system.



“Opening and closing all the windows used to be the first thing I did in the morning and the last thing I did at night. It's only when you don't have to do it anymore that you realise what a pain it was – especially in winter!”

Daniela Gruber  
Buchkirchen

## Feel the comfort of fresh, healthy air.

# 10

### Hygienically clean air. Even decades later.

Some people are concerned that residential ventilation systems pose a hygiene risk in the long term. That's not true at all – modern comfort ventilation systems are designed with the future in mind.

High-quality filters prevent dirt getting in from outside. The supply air is prefiltered and is therefore already clean when it enters the rooms. As long as you replace the filters regularly, there is no need to worry about hygiene at all.



## Advantages of purchasing a full system.

# 11

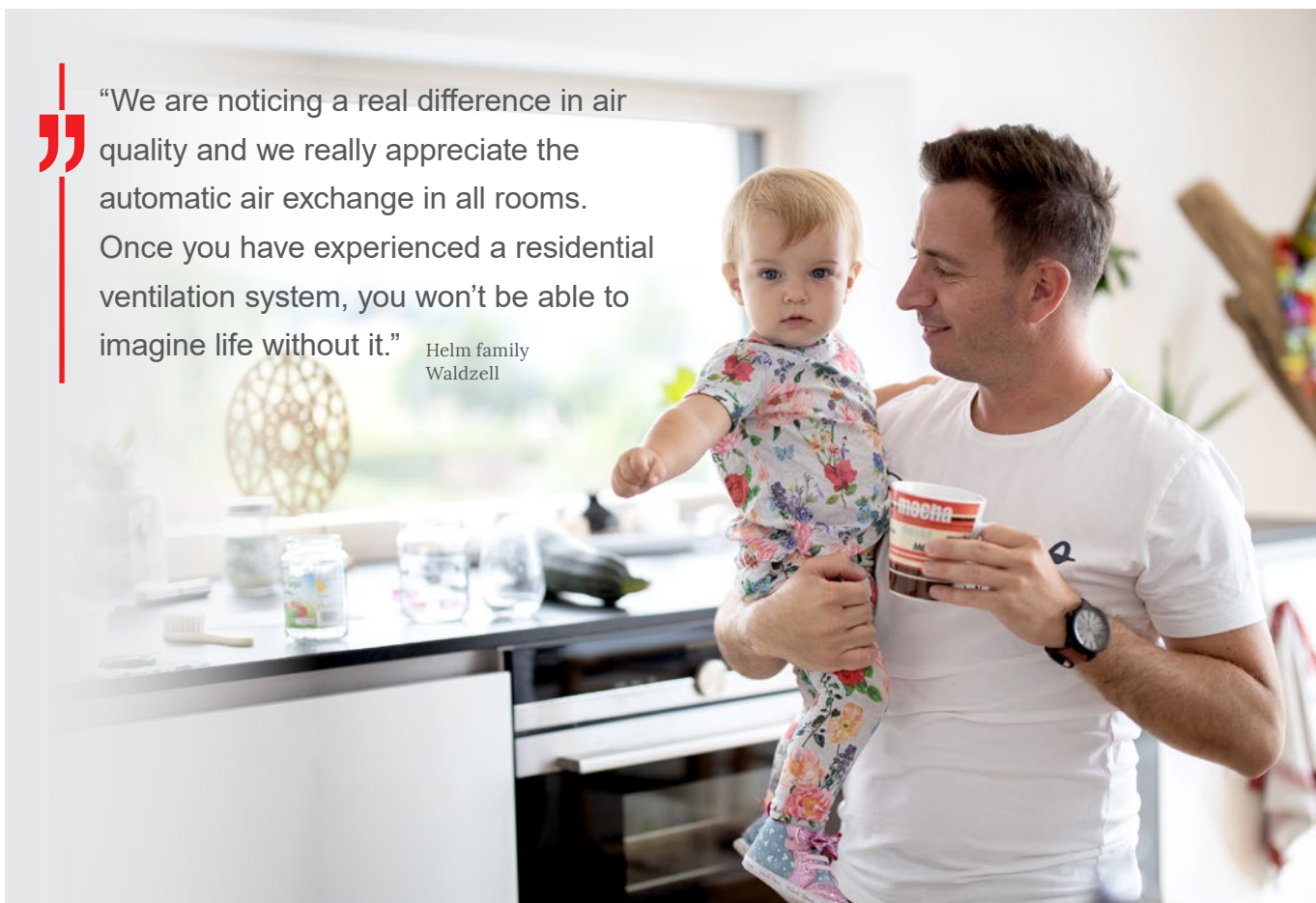
### A well-thought-out system.

When it comes to comfort ventilation, you should make sure you opt for a system solution as that will mean that all of the components are perfectly coordinated with each other. Hoval's TopTronic® E is an intuitive operating system that controls not only the ventilation but the heating and domestic hot water as well. Everything can be easily looked after using the touchscreen in the living room. You also have the option of controlling your building technology remotely via smartphone app or PC.



“We are noticing a real difference in air quality and we really appreciate the automatic air exchange in all rooms. Once you have experienced a residential ventilation system, you won't be able to imagine life without it.”

Helm family  
Waldzell



## Invest in quality of life.

# 12

### Top efficiency class results in low costs.

A comfort ventilation system is primarily a matter of comfort, health and quality of life and therefore does not lend itself to a straight-forward cost-efficiency assessment. With an investment amounting to around 2% of the total building cost, you will increase the value of your property on a long-term basis and your family will be supplied with fresh air day and night. A ventilation system uses only half as much electricity as a modern 55-inch TV.

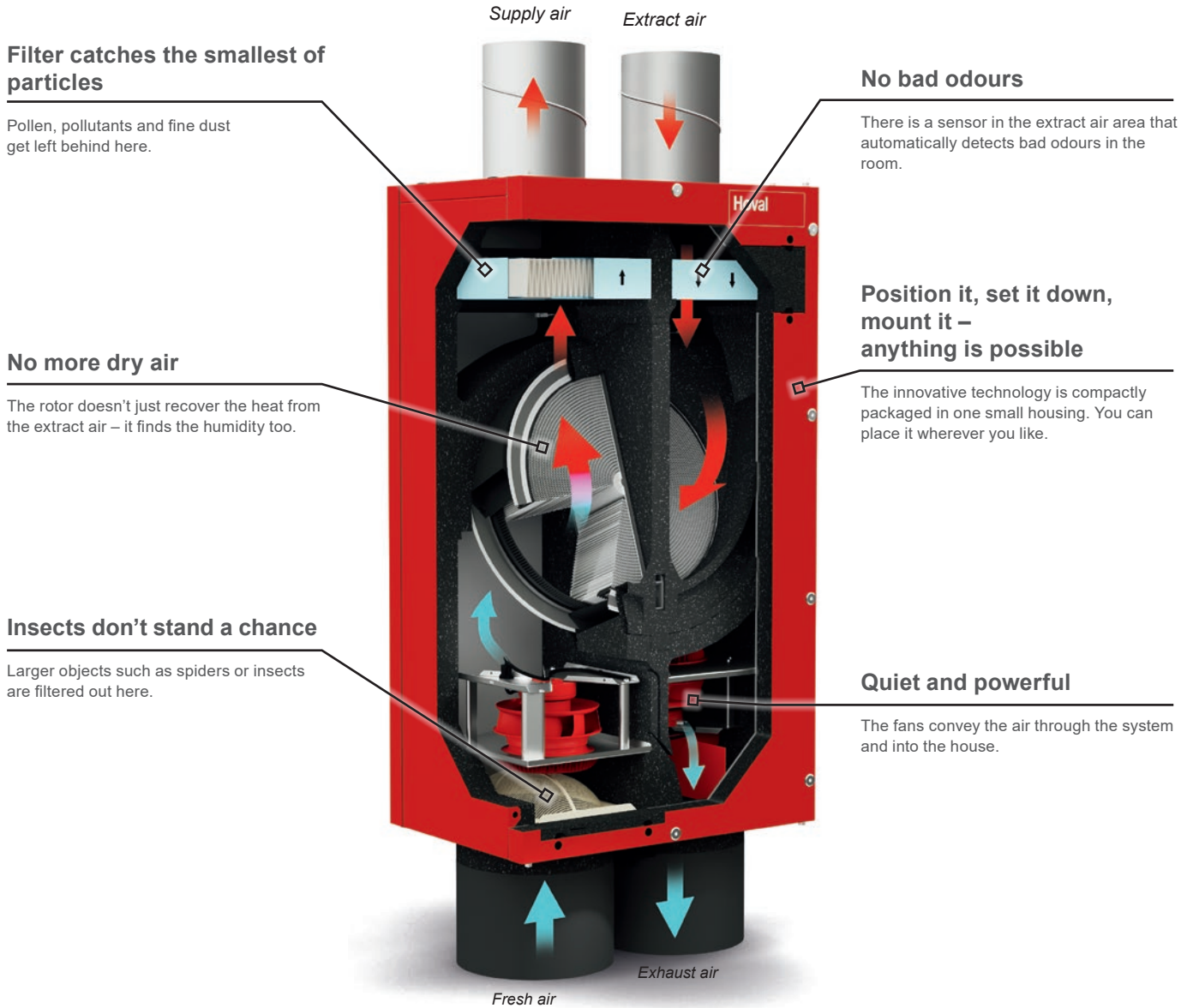
# 13

### More time and comfort.

Alongside the tangible improvement in room air quality that your family will enjoy all year round, the fact that you no longer need to open and close windows regularly will save valuable time that you can spend with your family. You can of course still let in air via the windows if you wish.



# Technology you can rely on.



**Hoval quality.**  
You can count on us.

As a specialist in heating and climate technology, Hoval is your experienced partner for system solutions. For example, you can heat water with the sun's energy and your rooms with oil, gas, wood or a heat pump. Hoval ties together the various technologies and also integrates room ventilation into the system. So you can save energy while looking after the environment and your costs – and still enjoy the same level of comfort.

Hoval is one of the leading international companies for indoor climate solutions. More than 75 years of experience continuously motivate us to design innovative system solutions. We manufacture complete systems for heating, cooling and ventilation to more than 50 countries.

We take our responsibility for the environment seriously. Energy efficiency is at the heart of the heating and ventilation systems we design and develop.

## Responsibility for energy and environment

### **Germany**

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Your Hoval partner