



zehnder

WELCOME
to your healthier home

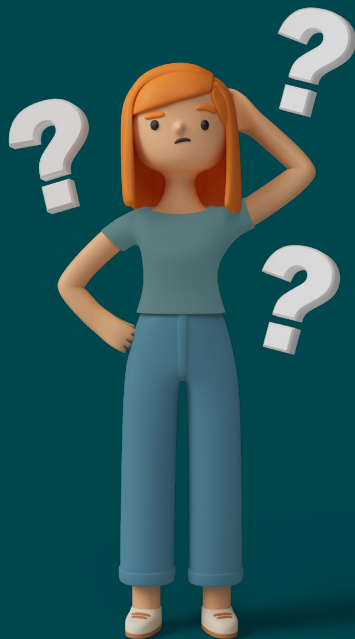
■ Decorative radiators ■ Comfortable indoor ventilation ■ Heating and cooling ceilings ■ Industrial air purification

Congratulations!

Your home has been fitted with
a Mechanical Ventilation with
Heat Recovery unit

Your home deserves clean air

Did you know we spend more than 90% of our time indoors?



We spend 90%

of our time indoors⁽¹⁾
(Office, remote working...)

Indoor air is up to **7x more polluted** than the air outside⁽¹⁾

1 out of 2 homes suffer from poor indoor air quality⁽¹⁾

A variety of pollutants impact indoor air quality
Humidity, CO₂, pollen, volatile organic compounds, fine particles



Buildings are increasingly **airtight**

Harmful pollutants are **invisible**. It can be difficult to recognise if they are present in our surroundings.

Consequences

20.000 deaths per year⁽¹⁾, 19 billion euros per year⁽²⁾, 25% to 30% of the population of industrialised countries affected by allergies⁽³⁾, 96% of schools are polluted with fine particles.

⁽¹⁾ Indoor Air Quality Observatory (OIAQ)

⁽²⁾ ANSES/OIAQ, April 2014

⁽³⁾ ADEME

Your home is fitted with a Zehnder ComfoAir MVHR system



This has been specially designed and calibrated for your home. **Please do not switch off or adjust the unit.** The system is designed to run continuously. If the unit is switched off or adjusted indoor pollutant and moisture levels are likely to increase.

What is MVHR?

Mechanical Ventilation Heat Recovery (MVHR) is a continuous running ventilation system that recovers the heat energy from your wet rooms (bathrooms, toilets, kitchens, etc.) and supplies fresh air to your habitable rooms (bedrooms and living rooms, etc.). The heat recovery unit itself recovers more energy than is used to operate the unit making it an efficient ventilation solution. Windows can still be opened for cooling, MVHR just provides an alternative means of whole house ventilation. The MVHR unit is not a heating or air-conditioning unit.



Wall installation

Ceiling installation

Cupboard installation

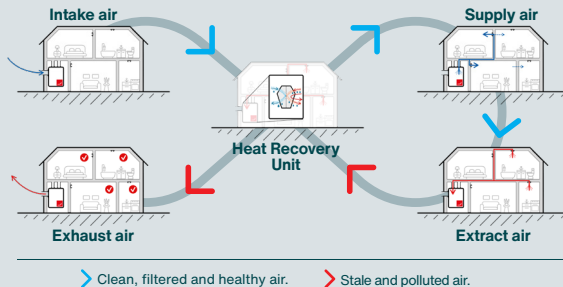
How does it work?

Zehnder's ComfoAir MVHR system works by continuously extracting and supplying air through a network of ducts installed within your home. The unit incorporates a Heat Exchanger that recovers the heat energy from the "extract air" that would normally be lost with other ventilation systems. It also reduces build up of excessive moisture, odours and other pollutants within your property by constantly filtering the indoor air.

What do I need to do?

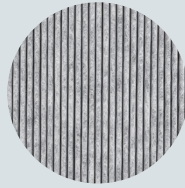
The system is installed and set up for you. It will run in the background and, dependent on the version, will automatically boost when showering, cooking, etc. You may have an additional means of manually boosting the system through external controls. Provided the unit remains switched on the ComfoAir will work 365 days per year to provide fresh filtered air to your home. Just like a boiler your MVHR unit should be serviced every 12 months. Your installers information can be found in your handover pack.

Constant air renewal

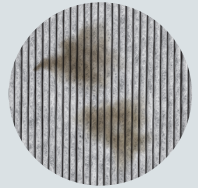


What happens to your filters?

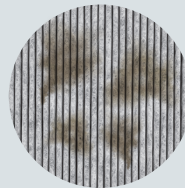
Just as a vacuum cleaner can become noisier and decline in performance with a clogged filter, so too can the performance of your MVHR unit be impacted by the state of its filters. To ensure an optimum level of efficiency, the filters in your unit should be changed regularly, at a minimum of every 6 months.



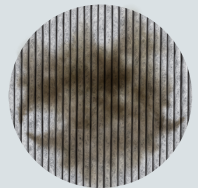
① Brand new filters are fitted into your MVHR unit.



② After a few months, you will be able to see pollutants on your filters.



③ After 6 months, depending on the condition of your filters, you may need to change them.



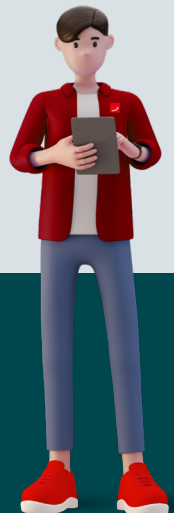
④ You should ensure your filters never get this bad as it can damage the unit and your health!

Why change your filters?

- ✓ It will run at its most efficient
- ✓ It is economical; a well conditioned MVHR unit will bring your energy bill down
- ✓ Reduces the noise of your ventilation system
- ✓ Keeps mould and condensation at bay, protecting the health of your home and its occupants

Many of our units feature an alert system which will inform users when a filter needs to be changed.

FILTER CHANGE
[1/1]



Please use the QR code to register your MVHR unit and learn more about purchasing original Zehnder filters.



More information