



Your Heat Recovery Ventilation System

What is the Purpose

In near air tight dwellings it is important to pay attention to the indoor air quality and humidity levels. **Your Heat Recovery Ventilation System is there to provide a healthy environment inside your home.**

What it does for you:

- 1. It provides sufficient fresh air coming into your home for your health and your household.**
- 2. Water vapour from cooking, bathing, taking showers and respiration is taken out,** in order to avoid excessive house dust mite proliferation and mould infestation.
- 3. Pollutants from the outside are being filtered to a great extent out of the incoming air.**
- 4. Pollutants that build up inside your home are being exhausted.**

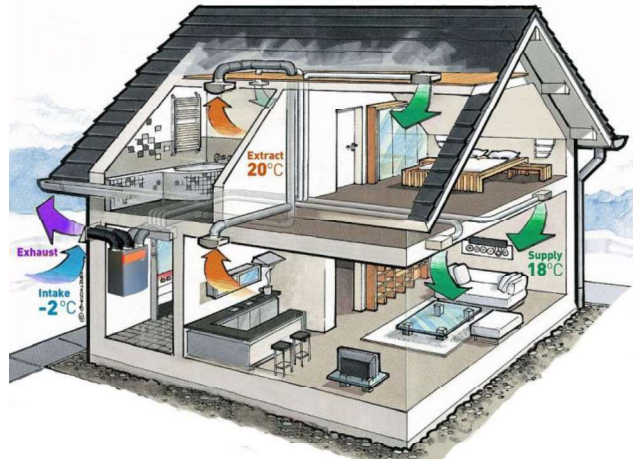
How it Works

Your **Zehnder ComfoAir Q350** MVHR system has 2 low maintenance fans: one for supplying fresh air into your home and one for extracting stale air.

The system works 24 hrs/day on different levels, according to the use of the home.

When it's cold outside the heat exchanger will recover up to 96% of the heat in the extracted air back into your home.

Thus about 30% of your heating bill can be saved for very little expenditure (on average less than £3.00 per week).







Adjusting the Ventilation

The system will detect increased humidity, e.g. from cooking and taking a shower and will then boost the ventilation (for the whole house) automatically.

You can either use the in-built controller or the Zehnder ComfoConnect app (for iOS or Android) when you have installed a LAN controller and connected it to your router.

You can manually adjust the ventilation speeds according to your needs:

-  **Away mode:** When away for more than a day - Trickle speed to keep it fresh inside
-  **Level 1:** When 1 or no one is at home - Reduced ventilation
-  **Level 2:** When 2 or more are at home - Normal ventilation
-  **Level 3:** When needed - Increased ventilation for short-term use




If you want to keep it simple, just leave it running on level 2 or use your weekly timer, which automates the switching of ventilation levels as per your daily routine.

Too dry air in winter? If you feel it is getting too dry, reduce your ventilation, e.g. switch to 'away mode' if out of the house and if that is not enough, keep it on level 1 if your home is occupied.

Adjusting the Temperature

Your MVHR system will gradually switch off the heat recovery if it gets too warm inside. This so-called 'summer by-pass' function does not use extra energy for its gentle cooling effect, and is therefore less powerful than air conditioning. It works best when it is colder outside.

You can adjust the temperatures by choosing a temperature profile:

-  **Warm** (e.g. 21-23° C)
-  **Normal** (no icon) (e.g. 19-21° C)
-  **Cool** (e.g. 17-19° C)

For more temperature settings please refer to the user manual.

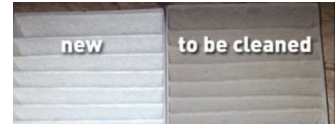
Please note that **you can open your windows as much as you want** when it gets too warm inside. In this case switch to 'Away mode' to keep the extract function operational.

Please do not switch off the system completely for prolonged periods.

Looking after your Filters

The filters in your Heat Recovery Ventilation System are there to protect you and your system from unwanted dust and pollution. **Please look after them, as they look after you.**

- **1x year you should replace all your filters for new ones.**
- **Every 3-6 months you should check your filters and, if they are covered in dust, Hoover them out.**
If this is not possible, please replace them.



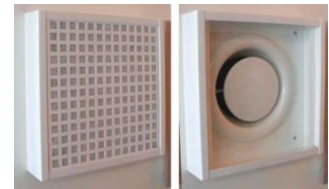
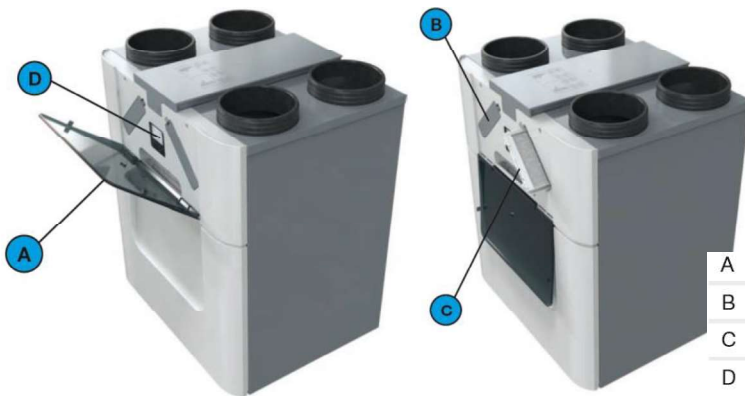
There will be a white blinking light next to the display to remind you to check your filters.
Increased noise levels of your fans are also an indicator that your filters are clogged up.

Your system has following filters:	Code:
- F7 grade filter on the air intake side	400502022 (arrow pointing up)
- G4 grade filter on the extract side	400502021 (arrow pointing up)
- Grease filter in the kitchen extract.	F-E



Replacement filters (**F-Q47+E**) at discounted prices can be bought online at: **www.paulheatrecovery.co.uk**. The QR code will take you there directly:

For information on how to change the kitchen extract filter, please see: <https://www.paulheatrecovery.co.uk/product/kitchen-filter-mats/>



- A Semi-transparent visor for access to the display
- B 2 filter caps for easy access to the filters.
- C 2 filters for air filtering.
- D Display to operate the unit.

How to Maintain it

The maintenance of the system is mostly low-tech house-keeping and can be done with your **annual spring clean**:

- Check all filters
- Please remove any dust on your room terminals
- Check your external terminals for dust and blockages.

Please refer to the user manual for your MVHR unit for more information.

If you don't want to engage in such work yourself, please arrange for a **maintenance contract** with PAUL Heat Recovery or another provider.

Every 4-5 years the system should be serviced by an MVHR technician.

Contact us or look at our webpage for service partners in your area.

How to Contact us

If you notice something unusual or if you have any questions regarding the operation of the system, please contact your system provider.

Paul Heat Recovery Scotland

Unit D, Pitreavie Business Park, Dunfermline, KY11 8PU

Tel: **01383 221 255**

Email: **info@paulheatrecovery.co.uk**

Web: **www.paulheatrecovery.co.uk**

We have valuable information on our webpage.

