

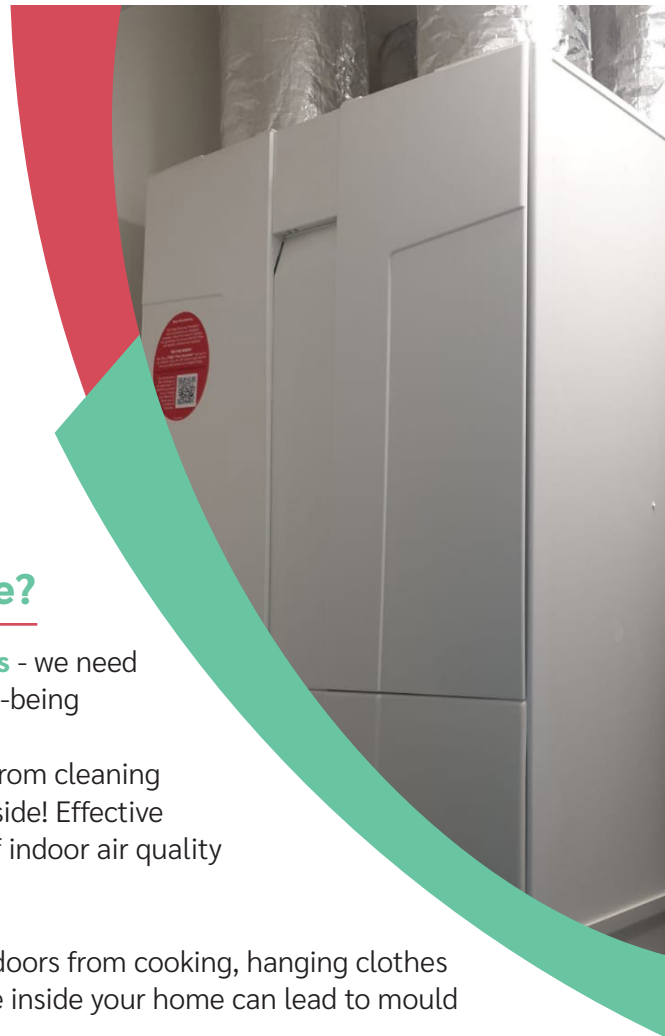
MVHR Homeowner Guide

A heat recovery ventilation system (MVHR) has been installed in your home and it has 3 important jobs;

- 1** To maintain a good level of indoor air quality for you and your family
- 2** To contribute to a comfortable indoor environment all year round
- 3** To help reduce your heating bill by re-using heat that would have otherwise been lost

How important is ventilation in your home?

- We breathe **10,000 litres of air per day and 90% of it indoors** - we need to extract stale air and replace with new for our health and well-being
- As many as **900 pollutants** can be in the air inside your home from cleaning products, furnishings, pollen and even fumes from vehicles outside! Effective ventilation and air movement will help maintain a good level of indoor air quality throughout the year
- A family of **4** can create up to **24 pints of moisture per day** indoors from cooking, hanging clothes to dry, showering and breathing! Excessive amounts of moisture inside your home can lead to mould and condensation over time.



How does the MVHR system work?

1. From bathroom, wc's and the kitchen, the MVHR system is extracting air containing moisture, odours and pollutants

3. Replacement outside air is continuously supplied into the property. It is passed through a filter and the heat exchanger (where it picks up the recovered heat) and is then supplied to living and bedrooms

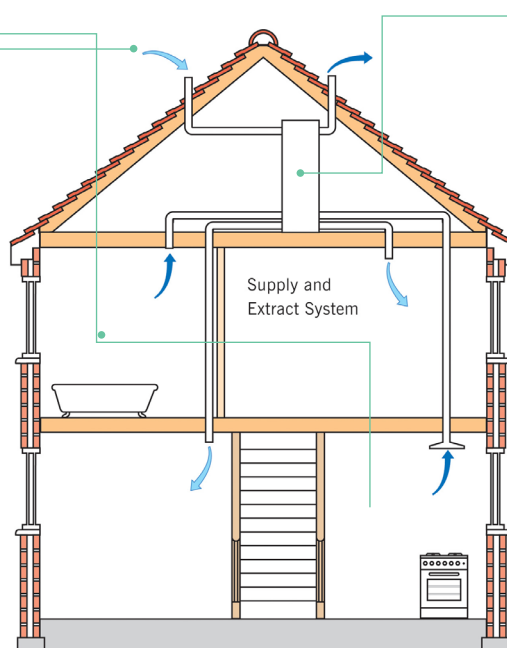


Illustration shows MVHR in house mounted in loft.
In apartment unit usually located in cupboard

2. As air is extracted it passes through a heat exchanger recovering up to 95%* of heat inside the heat recovery unit.

*heat recovery % varies based on brand make and model

4. When outside air temperature increases, the heat recovery mode is switched off to avoid overheating and increasing the internal temperature (temp point is pre-set on the unit) - this is called the **Summer By Pass Mode**



How is the system controlled?

Your MVHR runs continuously between **trickle** and **boost speeds**.

Trickle runs throughout the day and the Boost speed increases the rate of ventilation when required e.g. cooking/showering.

You may need to activate boost via a manual boost switch or light switch. Sometimes, it is automatic from humidity sensing.



How much does it cost to run?*

A MVHR system uses very efficient motors. The cost to run the system for the entire year is approx. £35.00* which is much less than typical household items such as electric showers and games consoles.

*based on manufacturer make and model



How much does it save on my heating bill?

MVHR recovers and re-uses up to 95% of the heat from extracted air. In a new property, it will already be saving you upwards of £300.00. If you are retrofitting, the system will reduce your bills, but the amount will be impacted by a number of variables including the level and quality of insulation and heating type in your property

What is usually included in a system service?

A MVHR system gets clogged with dust, debris and grease as it moves air in, out and around your home. When it's clogged, it can't do the job it's supposed to do.

Servicing is recommended to ensure optimal performance for indoor air quality and to ensure the savings on the heating bills are achieved.

Do not turn off your MVHR system. Your home may be at of condensation and mould and poor indoor air quality.

What are the recommended service intervals?

- Annual System Servicing
- 6 Month Filter Check/Replace (or sooner if you have concerns about indoor air quality)

What is included in a system service?

- Clean/Sanitise unit and motors
- Clean/Sanitise heat exchanger
- Replace filters
- Clean/sanitise in room air valves
- Check system
- Test and record system airflow (and adjust if necessary)

Do not turn off your ventilation system. Your energy efficient home requires effective air movement to maintain comfort. You may be at risk of condensation and mould if the system is not working.

Book a Ventilation System Service



We partner with HRV Group who provide a wide range of ventilation servicing options.

You can use **TASHRV5** when you book and pay online

Please contact manufacturer of your unit if HRV do not cover your area who may be able to provide details of service partners in your area.

