

MEV Homeowner Guide



INDOOR
ENVIRONMENT
SPECIALISTS



A MEV Ventilation system has been installed in your home.

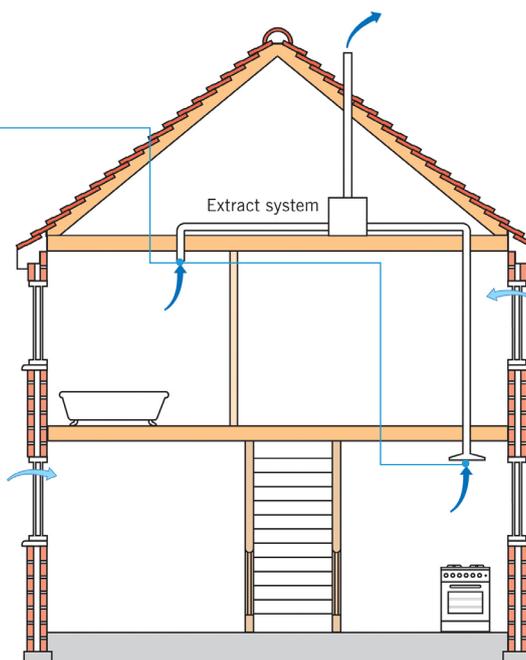
- 1** To maintain a good level of indoor air quality for you and your family
- 2** To contribute to a comfortable indoor environment all year round
- 3** To ensure issues such as condensation and mould do not present themselves inside your home

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 MEV system work?

1. A MEV (mechanical extract ventilation) system is a central ventilation system that is ducted to bathrooms, wc's and the kitchen and continuously extracts air at a low level via ceiling air valves. The continuous extract of air helps remove moisture, odours and pollutants from your home. The system can be boosted to a higher rate manually or automatically depending on system set up.



2. Replacement outside air is introduced through slot vents in windows or wall vents in habitable rooms such as living/bedrooms - make sure you keep these open.

Illustration shows MEV in house mounted in loft. In apartment the unit is usually located in a cupboard /ceiling void with access hatch

How is the system controlled?

A MEV unit runs continuously 24 hours per day extracting stale air, moisture and pollutants. It has two speeds - **trickle and boost**.

The **trickle** speed runs continuously at a low level throughout the day/night.

The **boost** speed increases the rate of ventilation when activities such as cooking and showering take place and there is an increase in moisture and odours.

The **boost** speed is activated automatically or manually depending on the system and set up;

- Automatically via bathroom light switch
- Automatically via humidity sensing (e.g. monitors increase)
- Manually via wired in switch in central area/ kitchen



Servicing & Maintenance

A MEV unit moves air 24 hours per day. Over time, the system motors, duct and air valves can become clogged with dust and debris which can start to impact performance. This can lead to reduced performance and issues such as condensation or a 'stuffy' feeling. This might also lead to increased system noise levels over time.

Find out more about servicing options



Dust and debris quickly collects inside the unit and air valves as it extracts air from the property

What are the recommended service intervals?

- System servicing is recommended **annually** to ensure the system is free from dust and debris and that it is working how it should be.

What is included in a system service?

A full comprehensive service covers all of the key part so the system;

- Clean/sanitise unit/motors
- Clean/sanitise all air valves
- Check controls
- Record/commission system airflow - trickle/boost speeds
- Full service report provided

Important Information: Do not turn off your ventilation system. Your energy efficiency home requires effective air movement to maintain comfort and good levels of indoor air quality.

Servicing Prices and Plans

We have a range of options to suit including monthly payment plans.

Call us on **033 0223 4180**
or email enquiries@hrv-group.com