

# MEV Homeowner Guide

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?

- As many as **900 pollutants** can be in the air inside your home from cleaning products, furnishings, pollen and even fumes from vehicles outside!



- 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 much does the system cost to run per year?

Your MEV System runs 24/7 to ensure comfort and good indoor air quality in your home. It is important not to switch it off as this could cause high humidity levels and issues with condensation and mould.

The unit uses very low energy motors which means it has low running costs!

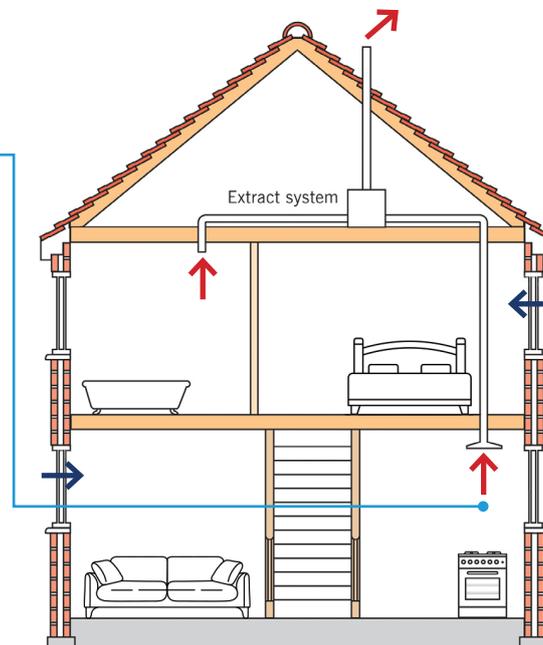
MEV Unit	£19.00 pa
Washing machine	£86.00 pa
Fridge Freezer	£124.00 pa
LED TV	£39.00 pa
Games Console	£49.00 pa

\* based on typical usage

## 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 which 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 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



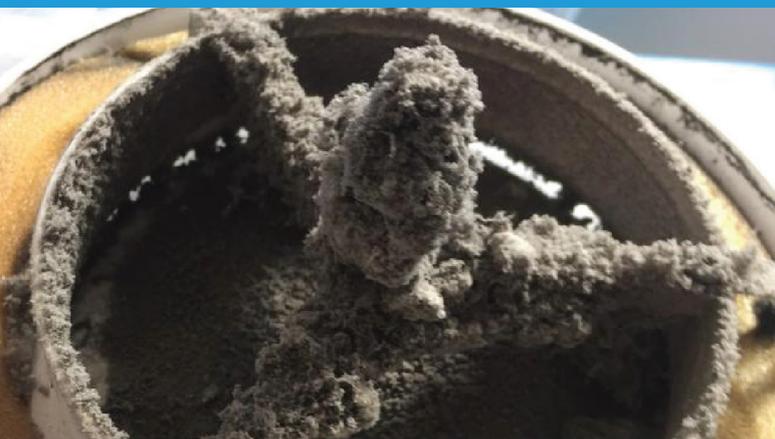
## Servicing & Maintenance

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.

System servicing is recommended **annually**

A comprehensive service should concentrate on the key areas of the system including;

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



### End users – 4 things you should know

- 1** Do not switch your unit off. Leave the isolator switch. In the event of a power cut, when power is restored, the unit will return to previous settings
- 2** The system is designed to run 24/7, every day of the year
- 3** Boost Switches should be used when cooking or showering (or automatic sensors will handle this)
- 4** Do not move/turn the air valves as these have been set to provide the correct airflow for your home

#### Book Service

If you'd like to discuss servicing or maintenance, please call us on **033 0223 4180** or email **[enquiries@hrv-group.com](mailto:enquiries@hrv-group.com)**



SCAN ME