



Independent Heat Recovery  
Ventilation Specialists



Other Ventilation  
Options

## Part F Building Regulations Means of Ventilation

There are other ways to ventilate your property whatever your requirements or your budget. Building Regulations 2010 Part F "System" approaches clearly define the minimum performance standards required to ensure good indoor air quality through your property:-

System 1 = Background Ventilation and Intermittent Extract Fans

System 2 = Passive Stack Ventilation (not available from ADM)

System 3 = Continuous Mechanical Extract Ventilation (MEV)

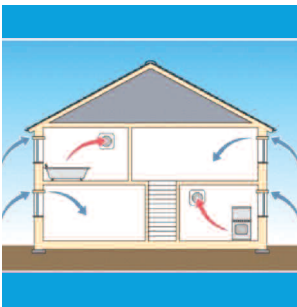
System 4 = Continuous Mechanical Supply & Extract with Heat Recovery (MVHR)\*

Building Regulations also state that other ventilation systems and devices, such as Positive Input Ventilation, or single room MVHR units may provide acceptable solutions provided it can be certifiably demonstrated to the Building Control Body that they meet Requirement F1. It would always be best to check with your Building Control Body regarding compliance for your project.

*\*Please refer to our dedicated MVHR brochure*

### Intermittent Extract Fans and Background Ventilators (System 1)

This form of ventilation is the most commonplace in the UK. If you are currently working to Building Regulations that do not insist on a System 4 ventilation system (i.e heat recovery ventilation) or you are simply looking to ventilate one room then you may be considering installing extract fans and trickle vents in your property.



#### **PROS:**

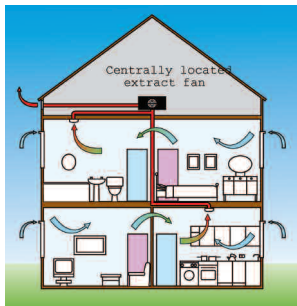
simple to install and operate, remove pollutants quickly

#### **CONS:**

Require trickle vents, wastes heat. Noisy, creates draughts, limited product life,

## Continuous Mechanical Extract Ventilation – CEV or MEV (System 3)

Is often referred to as MEV or Mechanical Extract Ventilation, it works by removing contaminated air from the 'wet rooms' – bathrooms, kitchens, utility rooms – and normally replaces it with fresh air from trickle vents, together with air leakage in the habitable rooms.



### **PROS:**

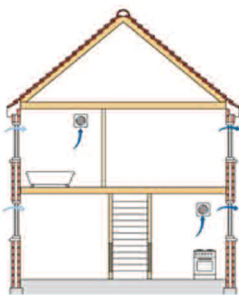
Easy to install, low level continuous background ventilation with boost facility, only one power supply needed and one external penetration, cheap to install

### **CONS:**

Requires trickle vents, wastes heat, creates draughts,

## Decentralised Mechanical Extract Ventilation – dMEV (System 3)

Consists of a number of individual extract fans and background ventilators running continuously at a low trickle speed designed to boost as required.



### **PROS:**

Easy to install, low level continuous background ventilation with boost facility

### **CONS:**

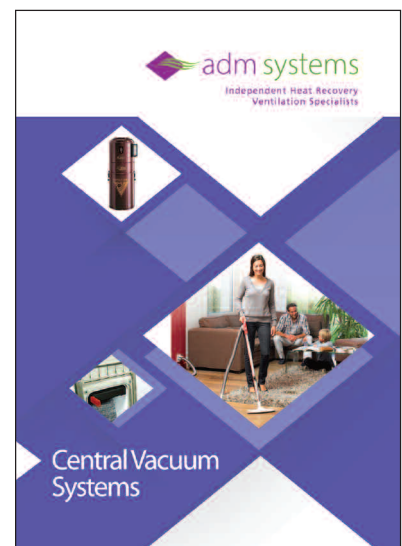
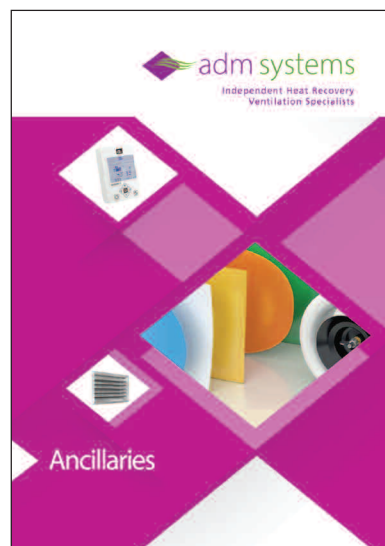
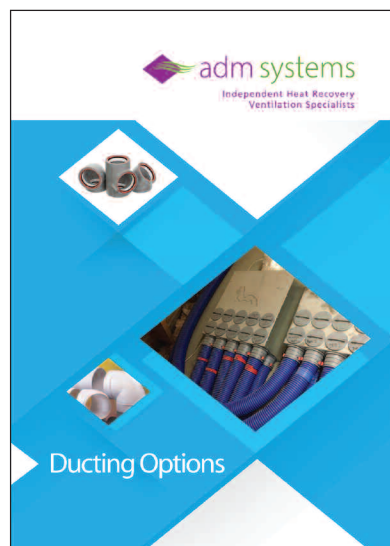
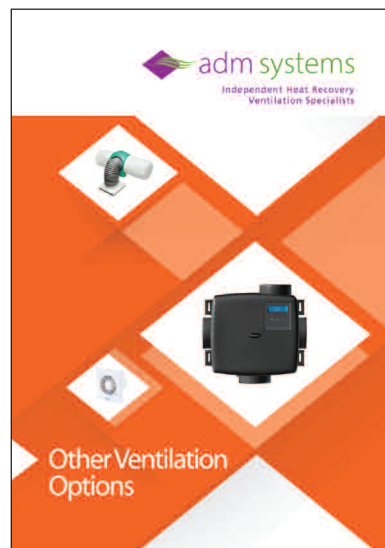
No trickle vents, wastes heat, creates draughts,


## Why choose ADM?

- ADM's independence provides access to a wider product range
- We will help de-mystify domestic ventilation regulations to ensure compliance
- Our extensive knowledge and years of experience at the cutting edge of technology (ADM were pioneers in MVHR in the early 90s)
- All our MVHR systems are completely bespoke, designed to suit your needs and your budget
- Unlike others, we don't provide indicative designs (unless you ask) our bespoke systems are designed to work
- Flexible service options including our "Buddy Service" to help support you on site
- We will guide and support you at every project milestone

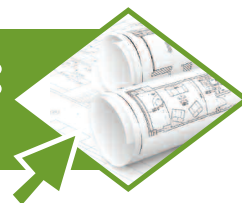
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