The Benefits of ‘Input’ Ventilation

For your home, health and lifestyle

So what is Positive Input Ventilation?

It is a concept to deliver fresh filtered air into a property at a continuous rate.

Did you know...

- Hundreds of thousands of homes across the UK are benefitting from having a PIV unit installed?
- It is the second most popular method of ventilating homes after intermittent extract fans?

The reason is...

In addition to the 112 pints of moisture that an average family produces per week through cooking, bathing, ironing and breathing, a concoction of other contaminants is present in the air within our homes.

These can have a detrimental effect on the fabric of our homes and the health of our families. With improved building features in our homes, such as cavity wall insulation, double glazing and draught proofing, ‘natural ventilation’ is prohibited. Stale, contaminated air is trapped causing streaming windows, which ultimately leads to musty smells, dampness and mould growth.

Mould

Mould spores account for the majority of household dust

Dust Mites

You are sharing your bed with thousands of them

Tobacco Smoke

5-10% of all lung cancer is linked directly to passive smoking

Radon

Studies have linked exposure to Radon to increased risk of lung cancer

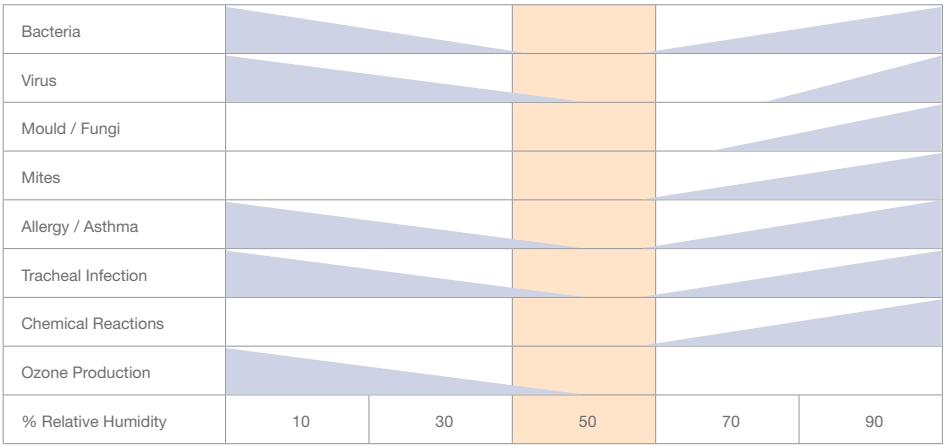
VOCs

Can lead to irritation and headaches aswell as risk of neurotoxic effects

Relative Humidity

At extremes of low (below 30%) or high (above 70%) relative humidity levels, these contaminants and dust mite populations are exacerbated to trigger illnesses such as, headaches, nausea, fatigue and more serious problems including asthma, allergies and eczema.

Adapted from: www.scotland.gov.uk



The effect of not having good quality air in the home is dramatic. Condensation is a serious problem.

Turn to page 5 to find out more about the Sefton Council project that was set up to support families with children suffering from asthma.

Did you know that there are up to 900 chemicals in indoor air?

Scientific Committee on Health and Environmental Risks (SCHER).

The Solution...

The solution is Positive Input Ventilation (PIV) or MIV®. The EnviroVent positive ventilation units are sophisticated whole home ventilation and condensation control units. By drawing in fresh, filtered and clean air from outside, the units gently ventilate the home from a central position on a landing in a house or the central hallway in a flat or bungalow.

Moisture laden air is diluted, displaced and replaced to control humidity levels around 55%. This significantly reduces or eliminates surface condensation, the main cause for mould growth. With lower humidity levels, dust mite populations are also substantially reduced to provide a significant improvement in the health of asthma sufferers and general indoor air quality. Positive Input Ventilation and MIV® is also available for flats and apartments. Turn to pages 29 and 30 for further information.

1 Shortly after the unit is installed:

The unit gently ventilates the home with fresh air. Air is pushed back down into the house and redistributed. Humidity is replaced and diluted to leave a healthy, fresh and clean environment to live in.

2 House is now free from contaminants

The units transform a stagnant, stale atmosphere into a fresh, healthy and condensation free environment.

Multiple inputs supplied into the property

Upgrade to MIV®

Building on the principles of PIV, EnviroVent has developed a new and innovative technology – Multiple Input Ventilation (MIV®).

What is MIV®?

MIV® has the ability to supply fresh, filtered air via multiple inputs into areas with greater requirements for ventilation. Fresh air inputs can be located in areas generating higher humidity (kitchen, bathrooms, en-suites etc) or in bedrooms of an asthma/allergy sufferer. To read all of the benefits of MIV® please turn to pages 31 and 32 to find out more.

Which product is right for me?

5 YEAR GUARANTEE	 Wall Mounted Unit	 PIV Loft Mounted Unit	 PIV Air Source	 MIV® Loft Mounted Unit	 MIV® Air Source
Application	Wall / Cupboard	Loft Space	Loft Space	Loft Space	Loft Space
Solar Gain	No	Yes	Yes	Yes	Yes
Summer Cooling	No	No	Yes	No	Yes
Multiple Input Facility	No	No	No	Yes	Yes
Guarantee	5 Years	5 Years	5 Years	5 Years	5 Years
Pege Reference	29-30	27-28	27-28	31-32	31-32

Mould is a serious problem in the home and if you paint over the problem, it will only come back. Turn to page 4 to find out why.

You are probably sharing your bed with thousands of them! Check out page 5 to find out more.

The average 6 room house collects 40 pounds of dust a year.

Discover Magazine