

Positive Input Ventilation - FAQs



What is a Positive Input Ventilation (PIV) system?

Positive Input Ventilation (PIV) is a product that is installed in the home, which provides an energy efficient method of ventilating your whole home and helps to reduce condensation and outdoor pollutants.

How does PIV work?

The Positive Input Ventilation system has a unit typically located in the loft with ducting leading to a valve on the ceiling in a central location such as the hallway. The unit draws in fresh air from the outside, filters it and gently introduces it into the home. As the fresh air comes in to the room, the stale unhealthy air exits through vents or other leakage methods. The air coming in from outside is drier than the air in your home, so the unit dilutes high humidity levels and reduces surface condensation, the main cause of mould growth.

Why fit a PIV system?

Everyday activities such as cooking, bathing, showering, washing and drying clothes indoors results in a build-up of water vapour inside the home causing the air to become full of moisture. When this moisture is left on a surface it becomes condensation. This surface condensation provides the ideal conditions for mould growth leading to serious health problems as well as causing damage to the structural fabric of the building. The PIV unit will introduce drier air into the home and therefore reduce the risk of condensation and mould developing.



Can this system be installed in an existing property?

Yes, this system can easily be installed in both new build and existing properties, as the duct runs are not intrusive.

How long is the warranty on the Vent-Axia PIV unit?

Vent-Axia offers a 5-year warranty. If the unit is also fitted by Vent-Axia then that warranty is extended to 7 years.

Vent-Axia

www.vent-axia.com/pozidrypro

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How much does the Vent-Axia PIV unit cost to run?

Vent-Axia Positive Input Ventilation costs approximately £5 a year for a three bed house.

Does the unit need to be cleaned? If so, how often?

The unit does not require cleaning however it is good practice to clean the filters in some warm soapy water where pollution levels are high. The filters should be replaced every five years.

Is the Vent-Axia PIV unit noisy?

The unit has near silent operation and is not noisy. At the point of supply into the house the unit is almost inaudible at 14 dB(A).

Will the unit eliminate condensation?

If all advice on the unit's installation and use is adhered to, the unit will significantly reduce the humidity in the property, therefore reducing condensation and the risk of mould.

How long will it take for the unit to show results?

Depending on the property, it will take between a few hours to a few days to see the effects. It may take a couple of weeks for the areas affected with mould to dry out. The unit can only prevent mould from forming, any mould already present should be removed prior to installation.

Will it make the property colder?

If installed correctly, air movement will not be felt away from the diffuser as the incoming air mixes with the warm air at ceiling level and circulates around the property. The unit comes with a comfort heater to maintain the incoming air temperature. When the air in the loft is warm, the unit will boost to recirculate the warm air back into the property helping to save money on energy bills.