

## Why do we fit positive input ventilation (PIV) units?

To live in a clean, healthy and fresh home you need good ventilation. In a property of two people, each will contribute approximately 11 pints of moisture per day through breathing, showers, baths, boiling kettles, cooking and washing dishes.

<b>Normal moisture produced by breathing etc.</b>	3 pints
<b>Washing dishes</b>	2 pints
<b>A bath or shower</b>	3 pints
<b>Drying clothes indoors</b>	9 pints
<b>Cooking and use of a kettle</b>	6 pints
<b>Total moisture added in one day</b>	<b>23 pints</b>

Improved building features, such as cavity wall insulation, double-glazing and draught proofing means that 'natural ventilation' can be restricted. Stale, humid air is trapped, which can cause condensation problems.

PIV units push air around a property to help create fresh and healthy indoor environments and eliminate isolated areas of moisture content within the home. As the PIV units also control humidity levels, dust mite populations are reduced which can significantly improve the health of asthma sufferers and people suffering from respiratory problems living in the home.

## When do we fit PIV units?

PIV units are fitted as standard when we install a new kitchen or bathroom. The unit is normally fitted in the ceiling on the upstairs landing of a house and hallway in a flat. However, the location may vary due to restrictions for venting outside.

On occasion, we may have to install an Envirovent fan to a kitchen/bathroom if it is not possible to fit a PIV unit. Also, if the kitchen or bathroom are remote to the PIV unit installed, we may also install a fan to compliment the PIV unit.

## Who fits the PIV units?

Our contractors, Envirovent fit all PIV units.

**envirovent**<sup>®</sup>



## Further advice

Please refer to our **Cutting condensation and giving mould the brush off leaflet** for further guidance and advice.

## What does a (PIV) unit do?

A positive ventilation unit is a sophisticated, whole home ventilation and condensation control system.

By drawing in fresh, filtered and clean air from outside, the unit gently ventilates a home. Moisture laden air is diluted, displaced and replaced to control humidity levels to between 45-60%.

## How will it help?

The PIV unit pushes air around a property which reduces or eliminates isolated areas of moisture content, 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.

## How do I know the PIV unit is working?

Place your hand in front of the output grille. You should feel gentle, cool air (it's warmer than it feels as it will be evaporating the moisture from your skin). If no air is coming out of the unit, please report this to our customer services team, as soon as possible.

## Do I need to adjust the PIV unit?

No, the temperature and flow rate has been pre-set taking numerous factors about your home into account.

**Please DO NOT** switch off the unit – The unit is set to run continuously 24 hours a day, 7 days a week.

**Please DO** allow us access to maintain the PIV unit in your home.

## How much does it cost to run a PIV unit?

The units are ultra-efficient, costing around £30 a year to run, based on an average electricity unit price of 15p. However, costs can vary year on year depending on atmospheric conditions, PIV unit settings and electricity unit costs.

## Do I need to maintain the PIV unit?

No maintenance is required from you. If no air is coming out of the unit, please report this to our customer services team, as soon as possible.



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