

**CORNWALL
HOUSING**

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Extractor and ventilation systems fact sheet



A CORNWALL
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Extractor fans

Ventilation is a vital part of combatting damp, mould and condensation

Cornwall Housing has committed to installing humidistat driven extractor fans in every property let. Where Cornwall Housing discovers current extractor fans are not working properly, these will be updated with the new humidistat driven fans. This will ensure maximum effectiveness in reducing air moisture.

Are extractor fans expensive to run?

We have estimated below the approximate yearly prices for each type of extractor fan in Cornwall Housing homes. However, prices will vary depending on how much moisture is in the room of the extractor fan:

- **Humidity extractor fans** (fitted in your home within the last 5 years) - £3.68 per year
- **Humidistat extractor fan** in the **bathroom** - £3.68 per year
- **Humidistat extractor fan** in the **kitchen** - £9.81 per year
- **Older style extractor fans** (that run until the light goes off in the room) - £9.81 per year

Our top 3 extractor fan tips:

1

To check your fan is working correctly: turn the fan on and hold a piece of paper up to it. Release your grip. If the paper sticks to the fan, it is working properly. If the paper doesn't stick to the fan, the fan needs to be serviced or replaced.

2

For fans to work effectively, you must allow the fan to run until it automatically turns off. If fans are turned off manually, the excess moisture is not removed. This means condensation will still occur.

3

You should still naturally ventilate your property by opening windows daily.



Positive Input Ventilation

What is a Positive Input Ventilation (PIV) unit?

A PIV unit draws warm air out of the loft area and pumps it around the property.

Why should I have one?

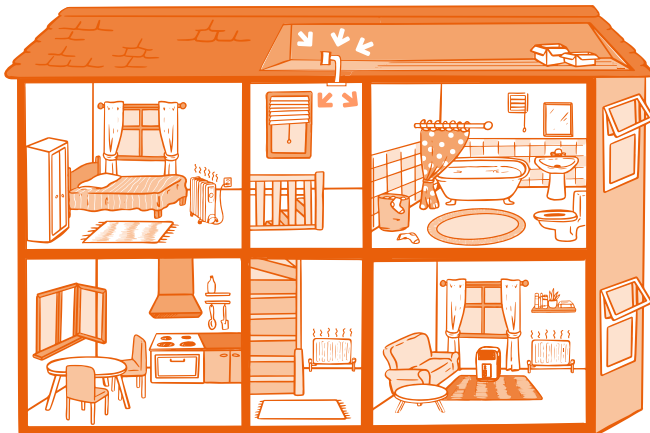
PIV units are the best equipment for treating damp (that isn't directly caused by a burst pipe or water getting in from outside the property).

Do I still need to open windows if I have a PIV unit installed?

Yes, ventilation of your property is still a vital part of keeping moisture levels in your property low. The air flow helps the moisture particles to escape from the property.

Are they expensive to run?

PIV units are estimated to cost around 22p a day. This may sound expensive, but there is another benefit that will save you money on your energy bills! The unit helps move warm air that sits below the ceilings of your home. This can save you around 10% of your heating costs per year. Ultimately, the savings you make in heating costs covers the PIV unit running cost.



Why do the prices vary?

The running costs of PIV units vary due to:

- The size of the property - the bigger the house, the higher the fan setting required to move warm air around the house. So, it will cost more to run a PIV unit in a 4-bedroom house, than a 1-bedroom flat.
- The natural temperature of the property - the colder the property, the more energy the PIV unit will use to start its heating element (the unit's sensor turns the heating element on when the air temperature in the loft drops below 10 degrees).

If you are concerned that one or more of your fans are not working properly, please contact us on the details below.



If you would like this information in another format or language, please contact:

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