



**Yorkshire  
Housing**

# Home sensors

A guide to how environmental sensors work in your home...



# Environmental sensors gather information on the temperature, humidity and CO2 in your home.

They're battery powered and about the same size as a light switch or a central heating thermostat. We also install other small bits of equipment like energy clamps and gateways.

They help us measure the impact of our energy efficiency upgrade work (things like fitting air source heat pumps and solar panels), and give us information that helps us make sure you're living in a safe, healthy, well-ventilated home.

They also help us to identify any potential problems in your home early on so we can get on top of things quickly and fix them.

Once the equipment's installed, you shouldn't have to do anything. But if there's a problem we'll fix it. Just give us a call on **0345 366 4404**.



# Frequently asked questions

## What does an energy clamp do?

An energy clamp is battery powered and about the size of a pack of cards with a few small cables attached. It's fitted next to an electricity meter, and captures information about how much energy's being generated by things like heat pumps and solar panels, and how much energy's being used.

## What is a gateway and what does it do?

A gateway is powered by mains electricity and is about the same size as an internet router. It has a SIM card (a bit like the one in your mobile phone) which saves the information it gathers from the environmental sensors and energy clamps. Not every home will have a gateway fitted.

## Will it cost me anything?

Most of the equipment we're installing uses batteries, which should last for a few years. But if they run out we'll replace them.

## How will they be installed?

We use non-damaging adhesive strips where possible, but we might need to screw some of the equipment to your wall.



# Frequently asked questions

## How will the information you're gathering be stored and what will you use it for?

All the info will be stored safely and securely in the 'cloud'. From there we can get the data we need to show that the energy efficiency upgrade work we've done has been a success. And because all the info's in the cloud, we can look at it without having to visit your home.

## I'm concerned about my privacy. How can you assure me the sensors are secure and you're not using them to check up on me?

We understand you might be worried, but we're installing the equipment to capture information on temperature, humidity, CO2, and energy generation/usage, not to check up on you. We genuinely want to see what difference our energy efficiency upgrade work has made to your home, and how you're getting on with using the new technology.

## Who will you be sharing the info you gather with?

The data will be stored in a secure, online platform, and the only people who'll be able to see it is Yorkshire Housing and the company who're providing the equipment to us. But don't worry, the equipment won't store any of your personal data. If you've got any questions about privacy, check out our privacy policy at [www.yorkshirehousing.co.uk](http://www.yorkshirehousing.co.uk)



If you've got any questions about your sensors or any of the other equipment we've installed to measure how well your home's performing, please give us a call on:

**0345 366 4404**





**Head office:**

The Place  
2 Central Place  
Leeds  
LS10 1FB

**Telephone:** 0345 366 4404

**Email:** [enquiries@yorkshirehousing.co.uk](mailto:enquiries@yorkshirehousing.co.uk)

**[www.yorkshirehousing.co.uk](http://www.yorkshirehousing.co.uk)**

