

# Low cost, low carbon heating and hot water for your home



Changes for the Better

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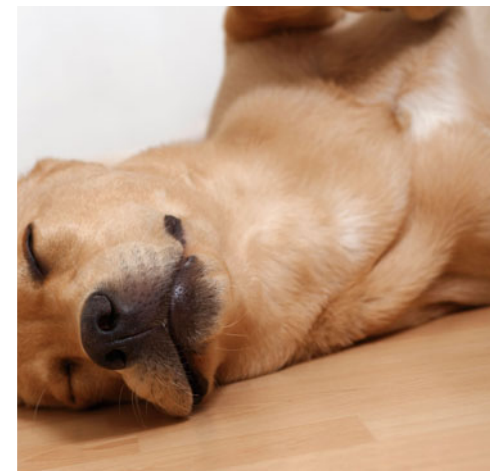
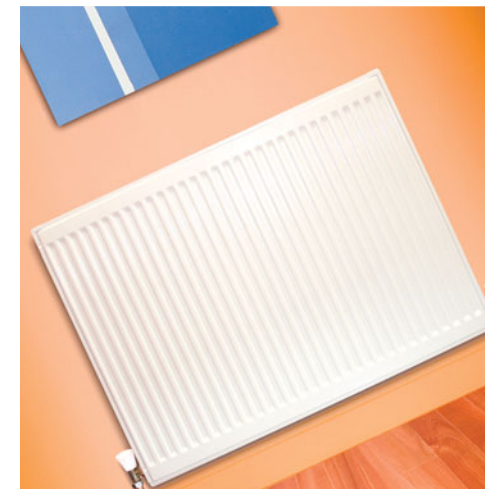
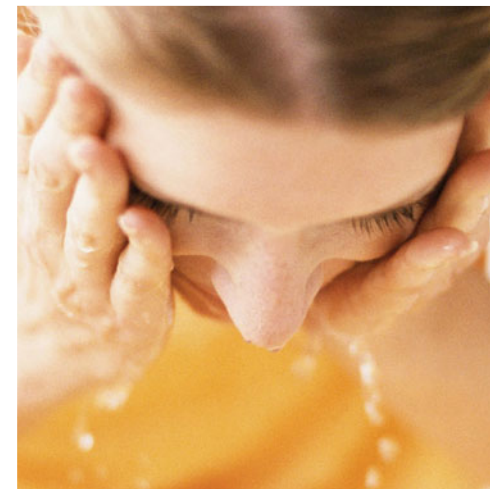


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Reduce your home's energy bills and its **carbon footprint** with...







Ecodan is an advanced heating system for your home which will supply heating and hot water cheaper than a conventional boiler system.

**You could save a third off your energy bills** by using Ecodan, as well as reducing your home's **carbon footprint by up to 50%.**

Ecodan technology is tried and tested. It has been widely used in other European countries for decades and it can be installed in your home in one or two days by our expert installers, who can give you all the advice you need about the system.

Ecodan represents a new era in the provision of heating and hot water for homes and it is brought to you by Mitsubishi Electric, one of the world's leading experts in creating comfortable living environments.

**Ecodan is simply one of the most advanced, efficient heating systems available today.**



Saving Money

Saving Energy



# Your questions answered

## Why is Ecodan different from other boilers?

Ecodan will heat your home and supply your hot water just like a traditional boiler - but it's different from traditional boilers in a number of important ways. First, it's more energy efficient and could reduce your energy bills by at least a third. It also produces half the CO<sub>2</sub> of a traditional boiler, which helps to reduce your home's impact on the environment.

## How easy is it to install Ecodan?

Many housebuilders are installing Ecodan in new homes, so you may find that you're already benefiting from this system. If you have an older property, Ecodan is straightforward to fit and one of our Approved Ecodan Installers (AEI) will take 1 to 2 days to install and set it up for you. Unless you are in a property over 30 years old, you can potentially keep your existing radiators. Our specially trained installers will give you all the advice you need.

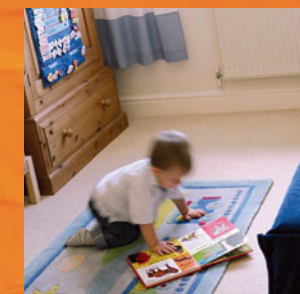
## Will my home still be warm enough?

Traditional radiators work with on-off bursts of heat to maintain the desired room temperature. Ecodan is different because it supplies water to the radiators at a lower, but constant temperature. You still set the

temperature of your home using a normal thermostat, but you will enjoy a constant and more controlled warmth - **which also costs you less money.**

## And what about hot water?

You won't notice any difference in the supply of your hot water - Ecodan can supply water up to 55°C.



Part of the Ecodan system is outside. Will this be noisy and will I need planning permission?

Ecodan is the quietest air source heat pump on the market. The outdoor unit has a noise rating of 49dBA. You may need planning permission for the outdoor unit. Please check with your local planning office.

Can I get a grant to install Ecodan in my home?

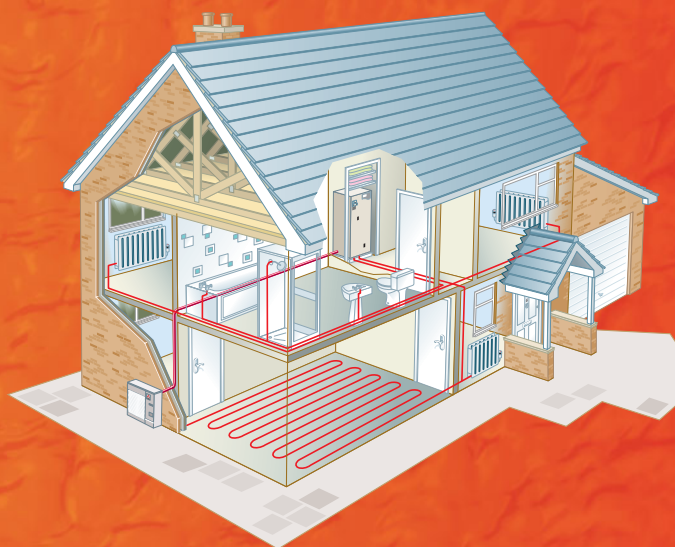
Since Ecodan is so energy efficient, it is being classified as a renewable energy source (because it harvests free energy from the air). This means that grants are available for installation of Ecodan under the Low Carbon Building Programme. Please refer to our web site for the latest information on grants available.

## How does Ecodan work?

Ecodan is an air source heat pump and the technology inside it is very similar to a domestic fridge. It basically transfers heat from one place to another - the back of your fridge is warm because it is removing heat from inside the storage space to the room. A heat pump removes warmth from the air outside and transfers it inside the home to heat radiators or water.

## Will Ecodan work when it's cold outside?

**Yes.** Ecodan works at temperatures as low as -20°C, which is highly unlikely in the UK. The Ecodan system is designed to operate at the optimum efficiency level at any time of year. Its technology will automatically regulate the system so that you never use more energy than you need at any given time, making it one of the most energy efficient ways to heat your home and provide hot water.



## What do I do next?

Visit [www.mitsubishielectric.co.uk/heating](http://www.mitsubishielectric.co.uk/heating) to find your nearest Approved Ecodan Installer (AEI).



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