



# The Octagon

A sustainable and eco-friendly heating solution for the Octagon.

## Using Daikin Air-to-Water Heat Pump coupled with underfloor heating.



### Client:

Roland and Constance Amos. Having retired, the Amos' decided it was time to pursue their long-term dream of building their own house and came up with the idea of the Octagon House, a unique, eight-sided, single-storey home.

### Requirement:

Roland and Constance required a bespoke heating solution for the Octagon that was sustainable and eco-friendly.

### Scope of works:

Gregor Heating were called in to help the couple realise their dream of this ambitious self-build project. They wanted to build a unique eight sided octagonal house in the village where they had lived their whole life. Richard Blackmore, renewable technical manager, and the Gregor team worked closely with the couple to help bring their vision to reality in the two years planning before the project build began.

Challenges came in the form of planning permission denial for original house design, plus lack of usable land space needed for a ground source heat pump install, so they needed an alternative. Having carefully listened to their requirements, we recommended a Daikin Air-to-Water Heat Pump coupled with underfloor heating as a fantastic solution for their heating and hot water needs.

Air-to-water heat pumps are an eco-friendly technology that let you use the heat in the outside air to provide space heating and hot water for your home. Depending on the alternatives available they can help you to save on your energy bills and cut your carbon emissions. The Amos' were also able to take advantage of the government's Domestic Renewable Heat Incentive that offered attractive grants to encourage the take-up of renewable heating systems.

As part of the smart heating solution, which included under floor heating Gregor also installed all of the electrics, indoor and outdoor lighting and plumbing of designer bathrooms throughout the property.

### Testimonial:

*"Not being a builder, I needed help with the electrical jobs and heating systems. Gregor did a magnificent job. They were very good with my builders and I certainly would recommend them for any future projects."*

*Roland Amos*

