



Ground source proves ideal for stunning rural self-build

A stunning contemporary design self-build house in rural North Norfolk is enjoying the benefits of renewable heating thanks to Finn Geotherm.

Located near Fakenham, the bespoke detached property is the vision of owners Rod and Pat George. Built entirely using Porothers blocks within a light steel frame, the house uses some of the most up to date construction techniques and materials from around Europe. Energy efficiency also remained front of mind, with all 100m² of floor to ceiling windows being triple glazed.

Rod and Pat managed the entire build themselves and when it came to heating, they took advice from their Finnish daughter-in-law who had seen first-hand the effectiveness of heat pumps in Scandinavia. By contacting heat pump expert Finn Geotherm early on in the project, they were able to design a ground source system which fitted perfectly with the property's requirements.

Rod explained: "We'd previously had gas in our old house but, having done our research, we knew it was going to be extremely costly to bring a supply up to the new house. A ground source heat pump system was a much more cost effective, cleaner and lower maintenance option, which also fitted perfectly with what we were trying to achieve with our project, so we approached Finn Geotherm – the sole distributor of Lampoassa heat pumps from Finland."

Finn Geotherm specified and installed a Lampoassa VM9 ground source heat pump with 480litre thermal store, fed by three 60m boreholes in the garden. The

house has underfloor heating and the entire system is controlled by wireless remote.

Pat said: "We chose the best contractors we could find to help create our dream home and Finn Geotherm was certainly one of them. They made the entire heating system installation effortless and their knowledge and expertise were second to none."

Rod and Pat are benefitting from the domestic Renewable Heat Incentive (RHI).

Rod sums up: "I can't overstate the huge difference that having hassle-free heating has made to our lives. We can get on with enjoying our home and don't have to give heating or hot water a second thought. The heat pump just sits in the garage and ticks away. Even with two families currently living in the house, we never run out of hot water and it's always the perfect temperature for a bath."

Rod and Pat are already planning their next project – a five bedroom home for their daughter-in-law, complete with an air source heat pump.

Key benefits:

- Hassle-free, low maintenance heating
- Consistently warm home
- Always enough hot water
- Government payments through RHI
- No impact on appearance of the property or garden

Call now on **01953 453 240**

info@finn-geotherm.co.uk | www.finn-geotherm.co.uk

 **FINN GEOTHERM**
The renewable heating experts