



Hat-trick of heat pump installations

Three self-contained adjacent properties in South Norfolk are being heated with renewable energy thanks to three heat pump installations by Finn Geotherm.

The properties, all located on the same plot of land, have been renovated by farmer Robin Harwood over the past six years. Choosing a ground source heat pump for his first project, Robin has gone on to opt for a second ground source system and an air source heat pump. Robin explains: "I'd had some experience with heat pumps, having had an air source unit to heat my swimming pool. Based on how effective and efficient this was, I knew a heat pump would be a good choice to heat my home. I've since gone on to have additional systems installed in two other projects."

Robin converted his home from an agricultural storage building on his farm. The property is now a six bedroom house with a ground source heat pump providing all the heating and hot water. Finn Geotherm specified and installed a Lämpöässä V13 heat pump with 600m of ground loop laid in the paddock.

He chose an air source heat pump for his next development – a one bedroom bungalow adjacent to his home, which Robin converted from a cowshed for his sister-in-law and brother-in-law to live in. Here, Finn Geotherm installed a Dimplex LA9-MI air source heat pump with 150l domestic hot water store and a 75l buffer cylinder. Robin's sister-in-law was unwell at the time and the heat pump ensured she was always warm enough and had plenty of hot water.

The third heat pump installation came with the renovation of the original 300 year old farmhouse. This six bedroom house previously had oil-fired heating with micro bore delivery to the radiators, which was inadequate and very costly to run. Finn Geotherm specified a Lämpöässä Emi 28 ground source heat pump with 1300m of ground loop laid in the garden. The farmhouse is rented out and the heat pump ensures hassle free, low maintenance heating for Robin and his tenants.

"Each heat pump system is working extremely well," said Robin. "They heat each property perfectly and there is always more than enough hot water. I'm extremely happy with the RHI payments – they're an added bonus on top of heating bills which are cheaper than ever before. Finn Geotherm has done a great job installing these individual systems based on my requirements each time. I would definitely use both them and heat pump technology for my next project."

Robin is now considering a fourth heat pump from Finn Geotherm, for a shed being converted into a home for his daughter.

Key benefits

- Significant reduction in heating bills
- Each installation qualifies for Domestic RHI
- Low maintenance, hassle free heating
- Each property is always warm – 300 year old farmhouse, bungalow and barn conversion

Call now on **01953 453 240**
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