



Enjoying the benefits of air source

Guy Ransom, commercial director at Finn Geotherm, has been enjoying the benefits of a heat pump at home since 2010.

Guy's five bedroomed detached home in Hopton, Suffolk, is a converted pub. Originally built in the 1800s, the pub – known to locals as The Commercial Inn – underwent major refurbishment in 1978 but closed in the 1990s. When Guy and his wife Claire purchased the house in 2009, it was still laid out as it had been during its years as The Commercial. They began two years' major works to transform it into a family home, including updating the heating system.

Guy explained: "The existing oil boiler was old and noisy. The oil tank was large and unsightly from all angles as it was located in-between the back and front gardens. Plus, with it being visible from the road, we were concerned about fuel theft."

Throughout the project, Guy chose environmentally friendly or sustainable materials wherever possible, as well as fixtures and fittings needing minimal ongoing maintenance. When it came to heating, he took the same approach.

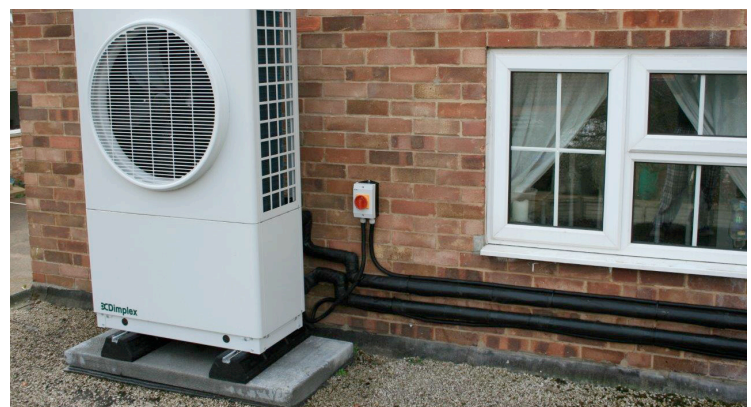
Finn Geotherm specified and installed a Dimplex A16 air source heat pump and combined 300l hot water tank with 100l buffer. The heat pump was installed on the flat roof above the kitchen, with the cylinder located inside an existing cupboard. The installation of Guy's heat pump actually took place before he was part of the company – and it was this meeting with technical director David Alston, which led to him joining Finn Geotherm!

"The heat pump has been delivering benefits from day one," said Guy. "The house is always warm throughout and we never need to think about timings to fit in with our busy family schedule. We always have enough hot water – even with a houseful at weekends. My heating bills immediately went from £2,000 per year to £1,200 but my house is warmer than it ever was before. Plus, I am receiving the benefit of RHI payments and doing my bit for the environment by reducing my carbon emissions by 75% compared to the old oil boiler."

The heat pump has delivered other advantages too – removal of the oil tank has created a space for a greenhouse and Guy no longer needs oil deliveries.

Key benefits:

- House is consistently warm throughout
- Low energy bills and emissions
- Long lasting, low maintenance system
- Government payments through RHI



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