Homeowner makes the jump from oil to air source heat pump

Heating

ecodan®
Renewable Heating Technology

Nigel Furr from Buckinghamshire has become the latest homeowner to move his property away from oil-based heating to a renewable air source heat pump.

MITSUBISHI ELECTRIC

Case Study

Four-bed Chalet Bungalow, Buckinghamshire

> “We are in a relatively remote part of Milton Keynes, an off-gas area, so as such, the property we moved to was heated with oil when we first moved in.”
>
> **Nigel Furr**
> Homeowner

Undertaking a property wide conversion, taking his two-bed bungalow to a four-bed chalet bungalow, Nigel decided to make the move to a renewable heating solution after the positive feedback he had received from other local homeowners who had already made the transition from oil to a heat pump.

“After talking to our neighbours, many of whom had been using oil previously, we researched air source heat pumps as a solution that was better for the environment and would also help us cut our energy costs.” said Nigel.

Following a conversation with Mitsubishi Electric, Nigel was put in contact with their Business Solutions Partner, **AOS Energy Efficient Heating Systems Ltd**, who suggested an Ecodan Heat Pump as a viable alternative to oil.

Case Study

Four-bed Chalet Bungalow, Buckinghamshire

> “Implementing Ecodan was at the centre of our bungalow build, as it offers state of the art technology which produces a consistently warm ambient temperature throughout a 201 square metre foot-print. Not only this, the green credentials mean that we expect noticeable costs savings this winter period.”
>
> **Nigel Furr**
> Homeowner

“As a Mitsubishi Electric Business Solutions Partner, we are confident that their products, aftercare and back-up services are the best in the market,” said Lee Wildego, technical surveyor and contracts manager, AOS Energy Efficient Heating Systems Ltd.

“We have installed nearly 450 heat pumps over the last seven or eight years and each year the number we install is increasing. Homeowners are really starting to see the benefit of air source heat pumps and the calls we receive from new leads shows the understanding of the technology and benefit behind it.”

With no access to the gas grid, Nigel decided not to install an unsightly and potentially dangerous oil tank on his property. The **Mitsubishi Electric Ecodan 11.2kW** was therefore the perfect alternative, with low maintenance and quiet running as recognised by the Noise Abatement Society.

Despite it being unlikely that Milton Keynes will be affected by significantly cold weather, Nigel is comforted in the knowledge that the Ecodan will be able to operate in outside temperatures as low as -20°C. As a self-contained unit, only requiring water and electric connections, the Ecodan installation ensured that the renovation project was not delayed. **Adopting the ultra-quiet version also means the heat pump doesn’t emit noise levels above 53 dB(A)**.

QUIET MARK

Installation Summary

ecodan® Renewable Heating Technology

11.2kW Ultra Quiet Ecodan Air Source Heat Pump

ErP A++

QUIET MARK

11.2kW Ecodan unit

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Changes for the Better

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Note: The fuse rating is for guidance only. Please refer to the relevant databook for detailed specification. It is the responsibility of a qualified electrician/electrical engineer to select the correct cable size and fuse rating based on current regulation and site specific conditions. Mitsubishi Electric's air-conditioning equipment and heat pump systems contain a fluorinated greenhouse gas, R410A(GWP:2088), R32(GWP:675), R407C (GWP:1774) or R134a (GWP:1430). *These GWP values are based on Regulation (EU) No 517/2014 from IPCC 4th edition. In case of Regulation (EU) No.626/2011 from IPCC 3rd edition, these are as follows. R410A(GWP:1975), R32(GWP: 550), R407C (GWP:1650) or R134a (GWP:1300).

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Effective as of May 2019