

# Homeowner makes the jump from oil to air source heat pump



Milton Keynes



Bungalow

4



2



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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.



## The Solution

“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.”

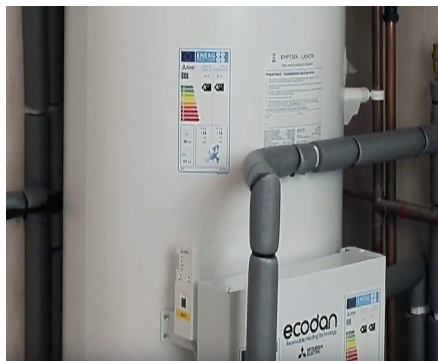
With no access to the gas grid, Nigel decided not to install an oil tank on his property. As a self-contained unit, only requiring water and electric connections, the Mitsubishi Electric Ecodan 11.2kW was therefore the perfect alternative. Choosing the Ultra-Quiet model also ensured quiet running of the unit emitting no noise levels above 53 dB(A).

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.

Ecodan’s state-of-the-art technology and green credentials provided a win all around for this property and the customer.

## Summary:

- Reduced CO<sub>2</sub> emissions and running costs
- Low maintenance and quiet operation
- EPC rating increased



## Product Overview:



11.2kW



200L



Radiators



EPC C



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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), R134a (GWP:1430), R513A (GWP:831), R454B (GWP:466), R1234ze (GWP:7) or R1234yf (GWP:4). \*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).

