

Ecodan brings warmth and comfort to stylish, luxury home



Warwickshire



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Lansberry Ltd has created a stylish and sophisticated 4-bedroom bungalow that sits in 4 acres of greenbelt with incredible views of the surrounding valley.

The stunning property has been designed to blend in with its agricultural setting, whilst keeping its impacts on the environment to a minimum. To achieve these goals, strict regulations were followed using low carbon, sustainable technology to do tasks such as heat the property.

Having built a beautifully designed home, Lansberry wanted a low carbon, sustainable heating system that keeps with the property's green credentials.

Lee Wiledgo, contracts manager for AOS Heating commented **“Mitsubishi Electric has advanced this technology with Ecodan and developed it into one of the most advanced and energy-efficient, domestic heating systems on the market today”**.



The Solution:

To maintain the green theme of the property, Lansberry specified two 14kW Ecodan air source heat pumps to offer a sustainable and efficient solution to provide heating and hot water to the property. The heat delivery method of the Ecodan for this property is through underfloor heating and heating the swimming pool at the property.

The Ecodan air source heat pump harvest energy from the air and converts into energy into a heat supply to provide cost-effective heating and hot water to the property’s underfloor heating system and swimming pool.

The heat pump requires very little in the way of maintenance and an annual service by a qualified engineer is all that is required. Further to this, Ecodan has a life-span of 15 to 20 years and offers the homeowner improved energy efficiency within the home at a much lower cost than most alternative systems.

Ecodan is also one of the only air source heat pumps to have received the backing of the noise abatement society with its prestigious Quiet Mark Award, so it won’t annoy the neighbours. In addition, Air Source heat pumps have been classified by both the UK and the EU Governments as sustainable technology and provide an excellent alternative to systems based on fossil fuel.

“If you are looking for low heating bills, care about your green credentials and don’t want to compromise on performance its definitely a system you’d want to consider” Says Lee Wiledgo

Summary:

- 2 x 14kW Ecodan Air Source Heat Pumps installed
- Efficient heating system improves energy efficiency whilst lowering running costs
- Air Source Heat Pump receives Quiet Mark Award



Product Overview:



14kW



300L



Underfloor



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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:631), 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).

