

Eco-friendly Bungalow provides comfort for Peebles Couple



Peebles, Scotland



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A couple from Scotland, had a dream of an eco-friendly bungalow with wheel chair accessibility to fulfil their needs which meant that the house builder was compelled to meet a set of very specific requirements.

Mr Lamb suffers from a degenerating illness so the couple were looking for a bungalow that could be wheelchair friendly. The thought of an eco-friendly home was also very appealing to them and therefore opted for a home that uses a low carbon emitting heating system.

The project was won and delivered by Eskgrove homes. The company was established with a clear vision in mind - warmer, quieter, cleaner, greener and therefore pride themselves on the delivery of homes that are highly insulated, use high quality materials and are solid, reliable and sustainable.



The solution

An 8.5kW Ecodan Air Source Heat Pump was easily installed, delivering underfloor heating to the house as well as all the hot water the couple need. The Ecodan takes heat from the outside air and uses it to deliver effective, low carbon heating and hot water to the home.

“You walk in and it’s beautifully cosy and warm” said Mr Lamb. “It’s also trouble free, you set the thermostat to the level you want and that’s all you have to do”.

The Ecodan Air Source Heat Pump delivers continuous heating for the couple at an affordable price. In addition to this the system has simplified controls and is easy to use making warmth and comfortability stress free for the couple.

“The underfloor heating makes it wonderful to walk around the house with no shoes, which is important with my disability”, added Mr Lamb.

Another benefit of using an Ecodan system is whilst the unit is running, it is quiet, therefore, minimising any noise disturbances for the couple and neighbours. An additional benefit includes the unit having low maintenance and high reliability releasing no emissions, allowing the couple to be more eco-friendly and help to prevent climate change.

Summary:

- Renewable heating installed in bungalow
- Air source heat pump providing hot water and a warm home
- Low energy prices



Product Overview:



8.5kW



170L Cylinder



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).

