

# New 'homes of distinction' use renewable Ecodan



Gaddesdon Row,  
Hertfordshire



Detached



4



3



2

Although energy wasn't the first thing on the mind of homeowner Ben Cosbie Ross when moving into his new home, he quickly realised that the inclusion of an Ecodan air source heat pump would help the family save around 30 per cent on heating.

The four-bedroom house in Hertfordshire was built to be modern, well-insulated and air-tight. Jarvis Homes, the builder of the property founded their reputation through excellence in design and strive to ensure their clients benefit from the latest sustainability practices. Building homes that match this ambition has resulted in the specification of the latest technologies and materials.

**"We were specific on what we were looking for in terms of when we bought the house, energy was never really a consideration, but when I saw the unit outside and went online to research it, I was delighted with the impact on our bills". Said Ben Cosbie Ross.**



The solution

Jarvis Homes focus on quality, craftsmanship and innovation to ensure new houses match the ‘homes of distinction’ ambitions the company prides itself on.

When looking at the energy performance of the whole building, the fabric was the first approach taken, however, a heating system such as Ecodan’s air source heat pump was ideal for meeting the planning regulations and delivering reliable heating all year round.

An air source heat pump offers a modern alternative to traditional heating which will help keep heating bills low and reduce carbon emissions. The 8.5kW Ecodan in combination with advanced MELCloud controls, heats the home via underfloor heating and radiators to ensure that the homeowner benefits from continuously high levels of comfort.

Further to lower running costs, the builder wanted a renewable heating system that was simple to operate, utilised advanced controls, offered full functionality and lessened the environmental footprint of the property. This is exactly what an Ecodan helps to offer.

“There is a real focus on energy at the moment, both in terms of running costs and legislation so I can see heat pumps being used more and more”, says Gavin Hogg, Renewable Business Development Manager for Jarvis Homes.

Summary:

- Air Source heat pump installed in each property
- Quiet outdoor unit that minimises any potential disruption
- MELCloud enables remote; control, monitoring, maintenance and technical support



Product Overview:



8.5kW



210L Cylinder



Radiators



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).

