

Home is where the heat is as Ecodan features in new Buckinghamshire development.



Hazelmere,
Buckinghamshire



Houses 8



2&3



1



1

Hazelmere started as a small hamlet and has since become a thriving community, boasting a variety of shops, pubs, restaurants and even an 18-hole golf course.

When Matthew Homes - an experienced building company announced the construction of a small development of two and three bedroom homes, it took the decision to offer a renewable technology option to potential home buyers for their heating system.

The housebuilder were seeking a hybrid air source heat pump system that would run alongside a gas boiler. In addition, they were also looking for a heating solution that was simple to use with in-built maintenance and required minimal servicing.



The solution

Looking for a renewable heating system, the natural choice was Ecodan’s Air Source heat pump because it’s a proven, reliable form of heating. The heat pump works through taking free energy from the air and converting it into heat that can make any home comfortably warm.

Kim Faulkner, managing director of AP Faulkner who installed the heat pumps commented “heat pumps are an efficient and effective way of heating a property and the cost of implementing a heat pump is dropping all the time. We expect to see plenty more of these installations in the short-term future”.

Being easy to install, the Ecodan unit met all required criteria. On top of this, the system is able to reduce running costs and CO2 emissions, helping to meet renewable energy targets. It is also fully scalable and able to work in conjunction with a gas boiler. The benefit of a Ecodan hybrid heat pump system is that it is possible for the homeowner to decide whether they wish to minimise their operating costs or maximise the reduction of carbon emissions.

To control the unit, the homeowner can use MELCloud to control the Ecodan system through an internet-enabled device. MELCloud is an app that users can install to view and control their heating and hot water, keeping an eye on energy consumption, amount of heat energy produced, set up a seven day weekly schedule and run a holiday mode. In addition to this, the app offers remote technical support and maintenance.

Summary:

- Air Source heat pump installed in each property alongside a gas boiler
- This hybrid solution identifies the most efficient way of heating a home
- MELCloud enables remote; control, monitoring, maintenance and technical support



Product Overview:



8.5kW



Radiators



170L Cylinder



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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).

