

New Carrbridge homes benefit from renewable Ecodan heat pumps

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Tulloch Homes, has a 95-year history of delivering homes that complement the communities they are built in and respect the environment. All of the 24 homes in Phase One of the development have been designed to complement their natural surroundings, with attractive external timber features and environmentally friendly features, including highly efficient Ecodan air source heat pumps. The properties are built to Tulloch Homes’ premier specification – and come with a 10-year NHBC warranty.

Bordered by native Caledonian pine forest, the stunning development of 2 and 3 bedroom homes is nestled in one of the Highlands’ most vibrant villages. The mix of both social and private properties on this site all benefit from the QUHZ Ecodan air source heat pump, which delivers all the heating and hot water the properties need.

“The key objectives for the renewable heating system was that the units had to be compact, quiet and energy efficient,” Gordon Macallister from Highland Plumbing & Heating.



The solution

The QUHZ Ecodan is specifically designed with new-build standards of insulations and lower heating loads in mind. The super-efficient system uses CO2 as a refrigerant, which allows the heat pump to deliver water at 70°C to a packaged 200 litre thermal store, so that families receive hot water whenever they need it.

“The key objectives for the renewable heating system was that the units had to be compact, quiet and energy efficient,” added Gordon Macallister from Highland Plumbing & Heating, which installed the renewable heating systems.

“Low Maintenance and reliability are every bit as important from both the customer and the installer perspective and with running costs that are comparable with natural gas but without the emissions, that can only be a good thing in helping prevent climate change.”

All of the homes in Phase One have now been snapped up and Tulloch Homes are anticipating similar interest once Phase Two is completed.

“We look at what customers are asking for and have seen a growing interest in renewable technologies”. Kieran Graham, Commercial Director Tulloch Homes

Summary:

- Zero Carbon solution
- Compact design
- In built remote control and monitoring



Product Overview:



4.0kW



Thermal Store



Radiators



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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).

