

Clarendon Homes build eco-friendly homes with NetZero in mind.

 Maidstone  Houses 14  4  3  1

Clarendon Homes have established a reputation for providing high-quality, unique homes in the most picturesque and sought-after locations in Kent. They are committed to considering the environmental Impact and producing eco-friendly homes for their customers. So when this 14 house project launched at Weavers Park, the environmental Impact of the development was at the top of the list of considerations.

It was decided that all 14 houses would be fitted with Mitsubishi Electric's Ecodan Air Source Heat Pumps which would massively cut the dwellings carbon emissions produced by the homes heating and hot water demands.

"The pre sales team at Mitsubishi Electric sized and designed the Ecodan air source heat pump systems to suit the various house types we were building. This made the installation very straight forward for us" commented Clarendon Homes



The challenge

At design stage, Clarendon Homes had to ensure the local infrastructure could support 14 properties heated by Air source heat pumps, some of the load of which would be provided by solar PV. Clarendon homes commitment to quality homes also meant that they wanted to provide the new homeowner with the best handover experience and therefore put their own Installers through Mitsubishi Electric's Ecodan training to learn more about the system and installation. Now an official Partner, they can offer a 5 year guarantee to the homeowner which is a very attractive selling point.

"We believe it is vital that our staff educate the homeowner on the system, how it works, what its benefits are, and how to get the best use out of the system. The technical department are always willing to advise us and sort any issues out – something we didn't get with our previous brands. Additionally, there is a customer helpline for the end user which is really helpful if the client needs help out of hours." Clarendon homes

Ecodan Air Source Heat pumps also achieve extra points towards overall EPCs which is a benefit to housing developers.

Summary:

- Part L regulations met
- 14 new homes built with renewable technology throughout
- Mitsubishi Electric's Pre and Post Sales teams support at every step of the process



Product Overview:



14kW & 11.2kW



300L & 250L



Radiators



PV



Underfloor Heating



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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).

