

Ecodan brings comfort and warmth to Sovereign housing residents



Southern England



Watch our video here

<https://youtu.be/z8Avkuy6cdY>

Sovereign Housing provides great, wonderful homes having 60,000 properties across Southern England. It's crucial to Sovereign Housing that their properties are safe, secure and affordable to run.

Sovereign have developed their 'Homes and place' strategy. The strategy is about investing into their existing homes and building new ones. It's also about ensuring the properties are energy efficient with having a goal by 2050 to have all their properties meeting that standard and be carbon neutral.

Some of their homes are more than 50 years old, meaning that a review of the fabric of a building often shows that extra insulation or replacement windows are needed. When it comes to looking at heating, it also means a number of properties have old inefficient fossil fuel solutions. This consequently gives the challenge to Sovereign of finding an affordable, efficient heating system for their residents.

Carol, Sovereign's Property Services Director commented on the 'Homes and place' strategy: **"We will help them [residents] get out of fuel poverty, cut their bills and it's about comfort too, making their houses warmer and more sustainable."**

**ecodan**[®]
Renewable Heating Technology

The Solution

A number of Sovereign’s homes are rural properties located in ‘off-gas’ areas. This is where Ecodan steps in as the perfect product.

Ecodan’s air source heat pumps work through harnessing energy from the outside air and converting this into heating and hot water for the property. The benefit that Ecodan brings to housing associations is the running costs, not only for the housing association but also for the residents.

Maintenance of the unit is also a huge benefit for both parties. The reasoning for this is because of Ecodan’s MELCloud allowing users to monitor the system and view any issues that come up digitally, potentially saving a visit.

Anne and Alan, Sovereign residents, had an Ecodan unit installed in their property to replace the night storage heaters that they struggled to afford. Ecodan has helped the couple save a significant amount on their heating, saving approximately £700 a year on their electric bill whilst gaining more heat and comfort.

Anne commented on the unit saying **“I am worried about climate change and concerned that fossil fuels are not the thing for the future. Ecodan produces less emissions, it’s good for the climate, good for the home and it’s good for us. We’re saving money, what’s there not to like?”**.

Summary:

- Ecodan provides a warm, efficient solution for ‘off-gas’ areas
- MELCloud allowing digital monitoring of the Ecodan system
- Inbuilt remote and monitoring system



Product Overview:



5kW



150L Slimline



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).

