

OVERVIEW **SYSTEM PERFORMANCE** **REAL TIME DATA**

Detached 4 Bedrooms Bedfordshire South

4 Residents

4 Bedroom Detached House Bedfordshire 19 Ground Floor

Installation details:

- W85 Ecodan Unit
- Hot water cylinder

Running Cost

- Oil: £21.78
- Gas: £14.05
- Ecodan: £9.18

TEMPERATURES

AVERAGE OUTSIDE TEMP. **11.4°C** AVERAGE INSIDE TEMP. **22.0°C**

MAXIMUM OUTSIDE TEMP. **17.5°C** MINIMUM OUTSIDE TEMP. **5.4°C**

Average COP: 3.9
01 Oct 2012 - 19 Oct 2012

PREVIOUS FEEDS:

- Yesterday
- Last Week
- Last Month
- Last 12 months
- Last Heating Season (September to May)

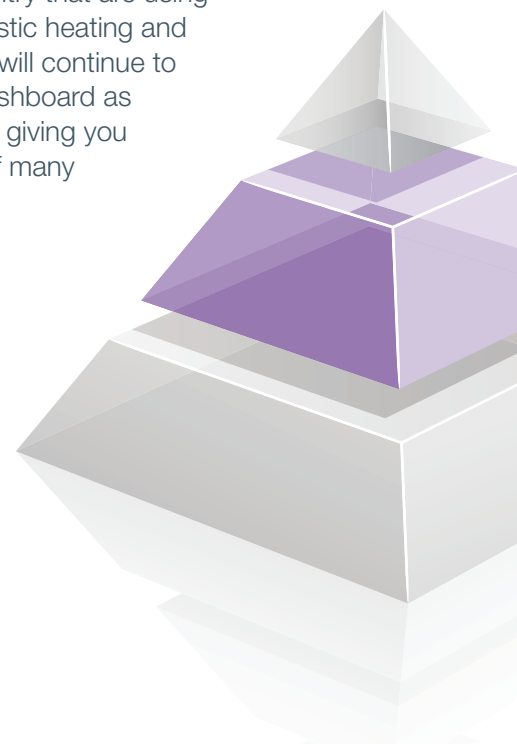
Mitsubishi
Electric proves
energy efficiency
through online
data

The dashboard www.corporatedashboard.mitsubishielectric.co.uk is a showcase of the extensive Ecodan Air Source Heat Pump monitoring project undertaken by Mitsubishi Electric over the last 5 years. We realise the importance of real world data in demonstrating the effectiveness of the Ecodan Air Source Heat Pump in the UK.

The dashboard shows real data gathered from properties all around the country that are using the Ecodan system for domestic heating and hot water. Mitsubishi Electric will continue to add new properties to the dashboard as they are installed in the future giving you access to the performance of many applications around the UK.



Air Conditioning | Heating
Ventilation | Controls



The Mitsubishi Electric Dashboard and Site Monitoring



For each monitored site the dashboard gives an overview of the system and details the age, location and type of property. Visitors to the dashboard can choose a property type to view and see how that Ecodan system is performing at any time of the day, week, month or year.

Further information includes the running costs, CO₂ emissions and energy consumed, with direct comparisons to equivalent gas and oil systems.

The dashboard has been designed to be as open and transparent as possible so that Homeowners, Housing Associations and Developers can see the real results for themselves.

The properties use a mixture of the three Ecodan models (5kW, 8.5kW and 14kW) working with both radiators and under-floor heating to demonstrate how the systems can work in different applications.

End users can quickly see the annual performance of each property. This can be displayed in run costs, CO₂ emissions and energy. In addition, the dashboard shows the average outdoor and indoor temperatures during any given period to show the performance throughout the changing seasons.

The monitored data is used to produce case studies for the industry and detailed historical data can be supplied to interested parties.

It should be noted that many factors affect the performance of an Ecodan Air Source Heat Pump and in turn the subsequent data displayed on the website. These figures can only be used as a guide to indicate how well an Ecodan can perform if the system is designed, installed, commissioned and operated correctly.

Mitsubishi Electric is happy to discuss new site monitoring opportunities with our Housing Developer clients.

For more information

Please contact Mitsubishi Electric Corporate Solutions on **0870 300 070**, who will be happy to discuss this with you further.



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www.greengateway.mitsubishielectric.co.uk

Mitsubishi Electric's commitment to the environment

