

Residents ‘bowled’ over by cheaper heating bills thanks to state of the art Ecodan installation



Chesham



Bowling Court is managed by Hightown Housing Association, a charitable organisation whose aims are to help people who need support and care or who cannot afford to buy or rent a home at market values. Hightown builds hundreds of much needed new homes and provides care and supported housing services for a wide range of people.

Bowling Court was built 2005 and previously relied on electric heating. It required a new, low cost heating system that could be controlled easily by the residents and help to reduce fuel poverty.

“The benefits of the Ecodan system, both short and long term, played a big part in our decision to upgrade the heating system at Bowling Court. Its flexibility, easy operation, low noise levels and, perhaps most importantly, low running costs will prove popular with our residents at Bowling Court.”

Mark Salmon, Procurement Manager at Hightown Housing Association



ecodan[®]
Renewable Heating Technology

The Solution

Mitsubishi Electric’s 4kW monobloc Ecodan QUHZ heat pump system and thermal store combines efficiency in hot water production with reliable and renewable heat provision all year round. Its low noise output was a key factor in choosing the QUHZ as it meant the units could be fitted on the balconies of all of Bowling Court’s properties. The thermal store has been specifically designed to work with this system, providing instantaneous hot water without the need to pasteurise.

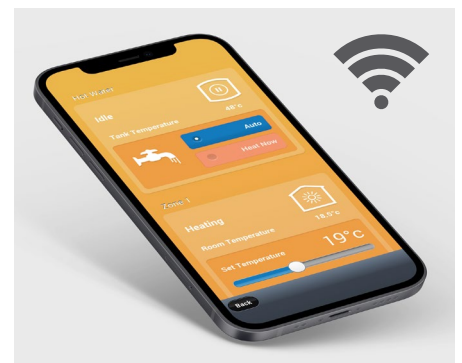
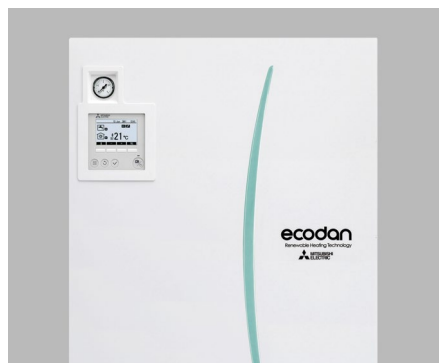
Reading-based installation company Faulkners has years of experience in dealing with renewable technologies and has worked with Mitsubishi Electric’s Ecodan system on previous projects.

Faulkners’ Managing Director, Kim Faulkner, said: “Air source heat pumps are an ideal solution that will help reduce both running costs and emissions over traditional carbonintensive heating. The Ecodan system is particularly suitable for properties like Bowling Court, which is in an off-gas area.”

The Ecodan QUHZ operates with built-in energy monitoring as standard. A communal Wi-Fi hub installed by Hightown allows the Residents to monitor and control their heating through Mitsubishi Electric’s MELCloud app. MELCloud gives Bowling Court residents complete control of their Ecodan system over a wireless internet connection.

Summary:

- Over 50% saving on heating costs
- 81% reduction in CO₂ emissions
- EPC rating raised to a high B



Product Overview:



4kW



Thermal Store



Radiators



EPC B



Telephone: 01707 282880
email: heating@meuk.mee.com
ecodan.co.uk

[Twitter](https://twitter.com/Ecodanheating) @Ecodanheating
 [LinkedIn](https://www.linkedin.com/company/mitsubishi-electric-heating-uk) Mitsubishi Electric Heating UK
 [Facebook](https://www.facebook.com/MitsubishiElectricHeatingUK) @MitsubishiElectricHeatingUK
 [Instagram](https://www.instagram.com/mitsubishi_electric_heating_uk) mitsubishi_electric_heating_uk
 [YouTube](https://www.youtube.com/channel/UC...) Mitsubishi Electric Heating UK
 [BLOG](https://www.blog.thehub.mitsubishielectric.co.uk) thehub.mitsubishielectric.co.uk

UNITED KINGDOM Mitsubishi Electric Europe Living Environment Systems Division, Travellers Lane, Hatfield, Hertfordshire, AL10 8XB, England. Telephone: 01707 282880 Fax: 01707 278881
IRELAND Mitsubishi Electric Europe, Westgate Business Park, Ballymount, Dublin 24, Ireland. Telephone: (01) 419 8800 Fax: (01) 419 8890 International code: (003531)

Country of origin: United Kingdom - Japan - Thailand - Malaysia. ©Mitsubishi Electric Europe 2021. Mitsubishi and Mitsubishi Electric are trademarks of Mitsubishi Electric Europe B.V. The company reserves the right to make any variation in technical specification to the equipment described, or to withdraw or replace products without prior notification or public announcement. Mitsubishi Electric is constantly developing and improving its products. All descriptions, illustrations, drawings and specifications in this publication present only general particulars and shall not form part of any contract. All goods are supplied subject to the Company's General Conditions of Sale, a copy of which is available on request. Third-party product and brand names may be trademarks or registered trademarks of their respective owners.

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).

