



Titon's HRV1 Q Plus MVHR Units at The Heart Of Eco Home Development

Titon's newly launched HRV1 Q Plus whole house ventilation units are being installed in a development of 24 sustainable apartments at Birchway Eco Community in Hayes, Middlesex. All the homes are compliant with Level 5 of the Code for Sustainable Homes.

The apartments at Birchway Eco Community have a number of sustainable and green features alongside the Titon whole house ventilation system including an eco-friendly building envelope design using brickwork, treated timber and a green sedum-planted curved roof, as well as heating provided by a wood pellet biomass boiler.

Birchway Eco Community is a partnership between the London Borough of Hillingdon and Paradigm Housing Group to provide affordable housing in Hayes. Birchway will become Hillingdon's greenest-ever community – the new homes having a minimal impact on the environment. The community was designed by Acanthus LW Architects and is being built by Futureform, the specialist modular buildings division of Tingdene Renascent Holdings Ltd.

Titon's HRV1 Q Plus is the most efficient whole house ventilation (with heat recovery) unit of its type and size in the UK and has been independently tested by the BRE and is EST Best Practice compliant. Thanks to its discreet but revolutionary design, the unit offers the kind of performance that, up until now, has only been available from much larger and more costly products.

The M&E consultants for the development were Whitecode Associates of Dartford, Kent. David Spalding, who specified the HRV1 Q Plus, said: "We chose Titon's unit because of its excellent performance. The guidelines for a Level 5 dwelling in the Code for Sustainable

Homes are stringent and the Titon unit was part of our strategy to ensure compliance."

The HRV Q Plus units have been installed by Wellingborough-based Mechanical Services Ltd who worked with Futureform both on and off site with the modular buildings.

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One Housing Group development features Titon's HRV1 Q Plus MVHR units

Titon's newly launched HRV1 Q Plus whole house ventilation units are being installed in a new development of affordable housing in Stratford, East London. The development of 55 flats with a basement car park was built by Bugler Developments for One Housing Group.

Designed by award-winning architects Allford Hall Monaghan Morris, the development is being built on the site of an old shirt factory and features two five-storey brick buildings which face each other across a shared landscaped court, creating a secure, private space at the heart of the scheme.

One building comprises 36 shared-ownership one, two and 3 bedroom flats, the other 19, mostly three bedroom properties for social rent, plus two wheelchair units and two 4-bed maisonettes. All the units are designed to Lifetime Homes standard and incorporate good space and generous storage.

The HRV1 Q Plus units were specified by Alan Wilding, Senior Surveyor at Bugler and installed by Promech Services of Grays, Essex.



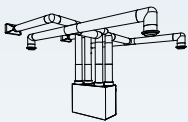
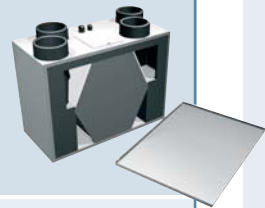
HRV1 Q Plus Mechanical Ventilation Unit with Heat Recovery

Titon's HRV1 Q Plus is the most efficient whole house ventilation (with heat recovery) unit of its type and size in the UK and has been independently tested by the BRE and is EST Best Practice compliant. Thanks to its discreet but revolutionary design, the unit offers the kind of performance that, up until now, has only been available from much larger and more costly products.

Measuring just 600mm x 430mm x 285mm its size belies its performance – the HRV1 Q Plus is suitable for properties with a kitchen and possibly up to three additional wet rooms, but is predominantly aimed at applications where space is at a premium. Designed and manufactured in the UK with the architect, developer and contractor in mind, its small size makes it easier to fit where space is limited, for example in flats.

The Titon HRV1 Q Plus also helps to maximize SAP performance via Appendix Q of Part L, thanks to the market leading

combination of very low power consumption and a highly efficient heat exchanger – reclaims up to 98% of the expelled warm air flowing through the heat exchanger core (and up to 91% heat recovery after ducting to living areas and rooms). First showcased in the Eco House at Interbuild, the performance figures for the HRV1 Q Plus can be accessed at www.sap-appendixq.org.uk and technical specifications at www.partf.co.uk.



Typical application



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