



**Press Release**  
**28<sup>th</sup> October 2008**

## **Xpelair Adds Compact MVHR Unit to CarbonLite Range**

***New from Xpelair is the Xcell 150U EC Appendix Q recognised compact MVHR unit, which is added to the recently launched CarbonLite range of low energy and long-life ventilation products.***

The Xcell 150 is a system-designed mechanical ventilation solution – which are now the heart-beat of modern buildings in reducing carbon emissions while improving air-quality. Ventilation design, in either domestic or commercial, is now a priority for designers, contractors and end-users.

The new Appendix Q listed Xcell 150U EC MVHR unit is no exception. Designed for systems in smaller properties and apartments, it can be installed vertically on a wall, in an airing cupboard, utility room or, thanks a depth of only 260mm, can also be fitted horizontally to a ceiling or in a loft space. It is rated at 150M<sup>3</sup>/h of air at 150Pa.

It is a compact unit yet has all the features normally found larger models. For example, test data supporting the Appendix Q listing shows the Xcell 150 U EC counterflow heat exchanger delivers up to 88% efficiency; there are standard G4 filters for both airflows with a port to take an optional G6 Pollen filter if required; fully automatic thermostatically controlled summer bypass and winter defrost functions and UltraEC constant volume fans which maintain constant air performance throughout the filter life.

An integrated password protected keypad and digital display allows the contractor to commission the system accurately in 1% steps independently in both airflow directions. Three individual speeds can be selected based on the Building Regulations Part F determined requirements for that dwelling. For the user, the display has a visual diagnostic readout including an indicator showing when the filters need attention.

Together with XpelairProfile ducting the Xcell 150U EC quietly and efficiently recovers warm, humid, contaminated air from the wet areas of the dwelling- kitchen, bathroom etc and transfers a high proportion of the heat to an incoming fresh airflow which is then redistributed to the living areas of the dwelling. In operation the Xcell 150U EC BP improves air-quality, helping to maintain a fresher environment, with lower levels of humidity levels which has been proven to show health benefits for allergy sufferers.

The correct layout and sizing of the duct system, matched to take full advantage of the MVHR unit features, is key to a successful installation and quiet night-time operation. Xpelair operates its own national team of specialist customer advisors working closely with applications managers to provide trade customers with complete project designs at the building design stage. At installation Xpelair can supply individual first fit / second fit kits delivered by house type as the development progresses and contract site services including system inspection and commissioning if required.

Many developers now see MVHR as the cost effective route to compliance with both Parts L & F of the Building Regulations. An Xcell MVHR unit specified together with modern electric heating and water saving point of use hot water for can provide a fully compliant heating & hot water & ventilation solution which dramatically saves on costs in terms of capital spend, faster installation and lower long-term maintenance.

The compact Xcell 150 U EC will be an automatic choice for developers of smaller properties wanting to satisfy the latest regulations and offer real additional benefits to clients and end-users.



*For more information on this and other heat recovery systems in Xpelair's Xcell series please contact Xpelair direct on 08709 000420, alternatively visit [www.xpelair.co.uk](http://www.xpelair.co.uk)*

**Ends**

**MORE INFORMATION:**

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