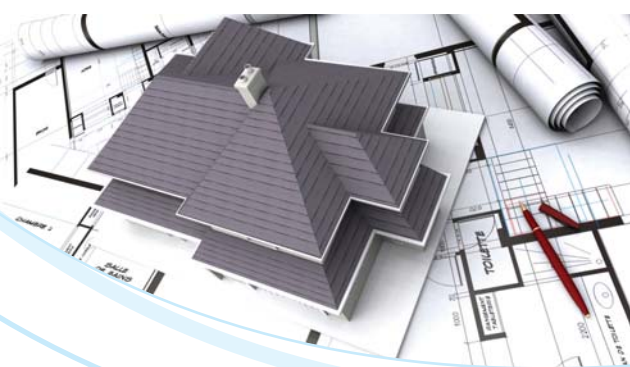




BROOKVENT
AIRCHANGER DIVISION
Total Air Solutions

Sustainable Housing is a critical issue, no longer can it be viewed as an optional extra or even best practice.



Science has clearly demonstrated the need for action in making our homes considerably less wasteful and much more efficient.

As housing in UK and Ireland is a major contributor to carbon emissions we must aim for the highest levels of sustainability. For specifiers, developers, RSLs and 'self builders' this means that designing sustainability into the dwelling from the concept through to completion is a must.

The single most important ingredient which can be considered is the reduction in energy and environmental waste. This is good news for homeowners and tenants. The focus on sustainability will reduce the running cost of the home and minimise the impact on the environment.

High levels of air tightness design are required to reduce energy waste. A Heat Recovery Ventilation system is designed to work in tandem with such a design to provide sufficient ventilation as to avoid the risks of 'sick building' syndrome whilst ensuring that maximum heat energy is retained within the dwelling.

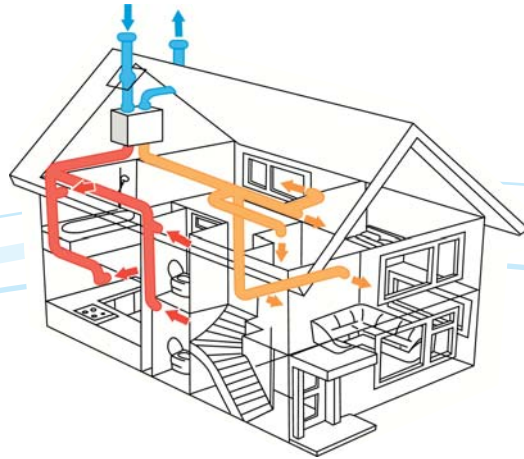
The 'Total Airflow Solution'

Brookvent have been manufacturing and installing ventilation systems since 1984 specialising in 'wholehouse' ventilation solutions for the domestic, social and small commercial markets. We provide a 'total service' package incorporating technical advice, system design, supply & install, commissioning and after sales. This 'total service' approach combined with a wealth of experience and expertise gives our clients peace of mind throughout the project.

New building regulations are striving to implement a 'holistic' approach to energy efficiency. This is to be achieved through two key elements - reducing energy loss through uncontrollable air leakage and also by designing a technically correct ventilation strategy.

Whilst product choice is important there are two vital elements that must not be overlooked - system design and controllability. Brookvent intelligent control system maximises the controllability of your system to ensure that ventilation is provided as and when you need it rather than a arbitrary one size fits-all approach. This eliminates energy wastage through over ventilation and protects the property from damp and condensation problems which are associated with under ventilation.

A second important element is design. A poorly designed system will simply not give the expected performance when installed. A good system design will consider the pressure losses created by the duct runs and predict the airflow at each terminal. This then provides the standard to be achieved when the system is commissioned. The commissioning process is not a matter of just turning the system on and verifying that there is airflow. A detailed commissioning process should be conducted using an anemometer (airflow meter) to confirm that the design airflows are being achieved at each valve. As Brookvent provide a 'total service' package we are able to ensure that the installed system fully meets the design criteria.



The Product Range

Heat Recovery Ventilation (HRV) systems

Conserve energy by recovering the heat in the stale air (extracted from the wet rooms e.g. kitchen and bathrooms) and transferring the heat to the air being supplied to the habitable rooms such as the living and bedrooms.

MVHR Systems – (Mechanical Ventilation Heat Recover)

Best practice energy saving ventilation.

MEV Systems – (Mechanical Extract Ventilation)

Low Cost effective ventilation.

PIV Systems – (Positive Input Ventilation)

Low cost retro fit ventilation.



Brookvent's Intelligent Control Systems

optimises the performance of the HRV units. It is designed to react to the users lifestyle and comes complete with night/away mode, ECO mode, automatic boost, humidity control.

(For full details see our product brochures)

- ✓ Low Carbon
- ✓ Indoor Air quality
- ✓ Energy saving
- ✓ Low allergens
- ✓ Best Practice



WWW.BROOKVENT.CO.UK

City Business Park, Lisburn, N. Ireland BT17 9HU

UK Tel. 028 9061 6505 ROI Tel. 048 9061 6505