WE PUT OUR ENERGY INTO EFFICIENT VENTILATION

...SO YOU DON'T WASTE YOURS
2013 sees Nuaire celebrating more than 50 years in the industry and today we are proud to still be renowned for our expertise, commitment to innovation and outstanding quality of our products and customer service.

Our products are now available in over 40 countries; the group has extensive resource and is constantly growing, employing over 400 people worldwide with annual turnover in excess of £50 million.

The business has earned an unrivalled reputation for market led product development and continues to buck the trend with large scale investment into new manufacturing equipment and its people.

We are committed to the principals of low energy consumption and heat recovery innovation. The company continues to lead the industry in developing best practice and helping clients reduce their energy demands and carbon emissions.

The Nuaire Group is a privately owned, British organisation that has been designing and manufacturing ventilation products for the home and overseas market since 1963.
At Nuaire we understand the ever increasing challenges that our customers encounter when building new homes. Our complete ventilation solution supports you at every stage of your build.

**NEW BUILD SOLUTIONS**

**THE COMPLETE VENTILATION SOLUTION AT EVERY STAGE OF YOUR BUILD**

Whether you’re building your own; are a housebuilder/developer or an installer; we offer products specifically designed to meet building regulation requirements and have the best SFPs/SAP Q scores.

We don’t just offer a ‘one size fits all’; our low energy systems are designed to match every conceivable property size or type through a range of ventilation methods.

At Nuaire we offer more than just the best performing products on the market, we offer the full service.

The result, you get the best performing system to meet both your budget and property/development.

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**DESIGN**
- Low energy systems to match every conceivable property size or type
- REVIT design service to replicate system performance
- Expert advice on product selection

**BUILD**
- Free BPEC training and best practice advice for your installer
- Comprehensive range of ancillaries at competitive prices
- Guaranteed next day delivery

**COMPLETION**
- Peace of mind with our guaranteed design
- Comprehensive product warranty
- Dedicated after sales support
Nuaire’s technical application team are not only proficient in our 3D Autodesk Revit software, they are ventilation experts. This expertise together with our Autodesk Revit software and our extensive product range means you get the best ventilation solution for your property or development.

Nuaire recognises that when it comes to installation there are always challenges on site to overcome. Our team of experts both at our head office in South Wales and out on the road nationally are always on hand to offer further advice and if needed a re-design that will still meet building regulations, ensure effective system performance and work within the challenges of your build.

Nuaire uses the latest Autodesk Revit Software with 3D modelling to guarantee your design replicates system performance. Together with our team of experienced designers, we ensure you have the most efficient system and practical design for your property or development.

**NEW BUILD SOLUTIONS**

**NUAIRE’S DESIGN SERVICE GOES BEYOND JUST PRODUCT SELECTION**

- Advice on compliance with the very latest building regulations
- A drawing service using the latest 3D AutoCAD Revit Software
- Drawings showing appropriate duct runs for each floor
- A full listing of all the necessary ancillaries needed
- Acoustic analysis to allow you to detect noise issues upfront
- Detailed quotations and fan schedules
- Low energy systems to match every conceivable property or type

**WHAT’S YOUR PLAN?**

**THE NUAIRE DESIGN CENTRE**

**DEAL WITH VENTILATION EXPERTS**

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**OUR EXPERT SERVICE DOESN’T STOP AT DESIGN STAGE**

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Nuaire recognises that there is a need for manufacturers to guide and support installers, housebuilders and social housing providers to ensure cost effective products come with cost effective services and installation.

**BEST PRACTICE**

**MVHR INSTALLATION GUIDE**

Although whole house ventilation has been around for some time, the advancement of Mechanical Heat Recovery (MVHR) products has resulted in far greater requirements and skill with regards to installation.

The amendments to Part F and the introduction of the Domestic Ventilation Compliance Guide within the 2010 Building Regulations has introduced a number of requirements in order to conform to building regulations, including the requirements to correctly install and commission mechanical ventilation systems using a qualified, competent person.

Using our many years of experience in the design and installation of MVHR systems, Nuaire have produced a best practice MVHR installation guide, to pass on this knowledge and enable housebuilders, developers and installers to install correctly designed MVHR ventilation systems.

Launched here at Ecobuild, our MVHR best practice guide has been designed to provide guidance to both installers and housebuilders on not only how to comply with ADF2010 regulations, but also some key hints and tips for getting it right and avoiding costly mistakes.
MIX WITH HEAT RECOVERY

**MRXBOX95-WH1**
- Code 3 or above through SAP Q eligible products
- Part F & L Building Regulations compliant
- Compact, lightweight and easy to install
- Fan controls designed for quick and easy commissioning

**MRXBOX95-LH1**
- Code 3 or above through SAP Q eligible products
- Part F Building Regulations compliant
- Compact, lightweight and simple to install
- Free of charge code advisory service – taking the stress out of specifying

**MRXBOX95-WM2**
- Code 3 or above through SAP Q eligible products
- Part F & L Building Regulations compliant
- Compact, lightweight and easy to install
- Fan controls designed for quick and easy commissioning

**LOW ENERGY SYSTEMS**
TO MATCH EVERY CONCEIVABLE PROPERTY SIZE OR TYPE

Nuaire offers the widest range of heat recovery systems available in the UK that are specifically designed to meet building regulation requirements and have the best SFPs/SAP Q scores. Our range of compact loft and wall mounted units are designed to suit every size and type of property, from small apartments to homes with up to seven wet rooms.

**SOLUTIONS FOR APARTMENTS**

**MRXBOX95B-LP1 – Nuaire’s latest low profile, ceiling void mounted MVHR**
Specifically designed for apartments, this ideal ventilation solution will easily adapt within ceiling void restrictions. This low profile unit meets your energy requirements through SAP Q and is Part F & L regulations compliant. The unit incorporates some of Nuaire’s newest features such as a fully automatic summer bypass as standard and easily accessible filters from loft access.

**FULL RANGE OF WALL & LOFT MOUNTED UNITS TO FIT ANY PROPERTY SIZE**

Our compact range of loft and wall mounted units provide high performing with low SFPs to meet your requirements for small, medium and large properties. Nuaire offers the largest range of heat recovery systems available from any organisation in the UK. What’s more, we supply direct, avoiding any distributor mark up.
MRXBOX FIRST FIX SOLUTION & ACOUSTIC BOX

Nuaire’s First Fix and Acoustic Solution are designed to not only significantly reduce noise but to improve the installation when wall or cupboard mounting the MRXBOX95-WH1 MVHR Units. Offering the only complete MVHR acoustic and first fix solution to overcome both noise and ease the installation of heat recovery units; Nuaire’s solution addresses both duct and breakout noise; provides an aesthetically pleasing cupboard installation for the home occupant and reduces installation errors and time.

- Reduces overall installation time significantly
- No need for strapping of ducts/plenums
- No setting out
- Removes the risk of spigots not lining up with the fan unit once the ceilings have been boarded up
- Avoids using flexi duct to overcome lining issues and adding additional resistance/noise to the system
- Promotes best practice installation
- Full ventilation noise analysis as part of your design
- Acoustic solution that reduces noise levels considerably

REMEMBER!
THIS COMES WITH OUR DESIGN SERVICE, DUCTING SOLUTIONS AND BPEC TRAINING

MRXBOX95B-WH2 WHOLE HOUSE HEAT RECOVERY

This whole house heat recovery system combines supply and extract using the latest technology of low watt DC fans providing high resistance and low noise in a very compact unit. Tempered air is delivered into ‘living’ areas whilst extracting moisture-laden air from ‘wet’ areas, such as bathrooms and kitchens. The result is a comfortable and healthy living environment with reduced power consumption and lower operating costs.

- Larger duty up to 450m³/hr @150pa, making the unit an ideal solution for large self-build or executive new build homes
- Optimum performance - Low specific fan power and high efficiency provides you with the most efficient and effective system
- Simple independent fan controls for supply and extract allows quick and easy commissioning
- 3 speed remote control (wireless speed control available as optional extra)
- Extremely low noise levels

REMEMBER!
THIS COMES WITH OUR DESIGN SERVICE, DUCTING SOLUTIONS AND BPEC TRAINING
A quick and effective solution for ducting unheated spaces, this new innovative product provides a complete solution, compliant with building regulations and removing the need for the use of PVC pipe and insulated wrap.

- The only complete solution on the market
- Fully compliant with Building regulations
- Improved thermal efficiency using distinctive expanded polystyrene material
- Patented clamp forms an airtight seal and removes the need for sealant or tape
- Eliminates the risk of condensation forming in the duct
- Reduced installation time
- Easy, one person installation
- Cost effective solution
- Full range available

CIRCULAR DUCT
Provides optimum system efficiency. Lightweight with simple push fit connections for ease of installation.

SLIM DUCT
Ideal for apartments, ceiling voids, loft and other confined spaces.

FLAT DUCT SYSTEMS
In confined areas where space is minimum without reducing whole system performance.

TILE VENTILATOR
Nuair’s PVC4411 is designed specifically for mechanical ventilation solutions with a large free area that keeps resistance at a minimum. Its multi spigot makes it suitable for all types of ventilation ducts i.e. supply or extract.

ATTENUATION
Reduce duct noise as per ‘Domestic Compliance Guide 2010’ and noise requirements in ‘Part F Building Regulations 2010’. Attenuator ducting also reduces cross talk through the ventilation systems, between rooms.

WIDE SELECTION OF INTERNAL/EXTERNAL GRILLES
Designed to maximise system airflow performance and occupant comfort.
Social housing providers are committed to providing quality homes for their tenants, ensuring the standard of their homes are maintained and improved via both planned and reactive maintenance programmes.

**SOLUTIONS FOR REPAIRS, MAINTENANCE AND IMPROVEMENT**

**DRIMASTER 2000**
- Fixed heat recovery – recirculates air in the loft, saving energy
- Complies with Building Regulations
- Optional manual boost switch
- Integral daily run monitor
- Visible sensor for filter and unit status

**FLATMASTER 2000**
- Unit automatically ventilates your home
- Integral heater providing occupant comfort
- Optional hourly run monitor
- Reduces house dust mites, helping asthma and allergy sufferers
- Compliant with Building Regulations

**GENIE & SLIMAIRE**
- Low running costs
- Compliant with Building Regulations
- Continuous and manual operation options
- Quick and cost-effective installation
- Various control options to suit all need

Nuaire has worked with social housing providers for many years, curing condensation in properties and providing healthy homes for tenants.

Our wide range of ventilation solutions can:
- Cure any existing condensation dampness within a property
- Provide adequate ventilation for homes that have undertaken energy saving related improvements
- Improve indoor air quality and promote a healthier living environment for occupants
- Avoid costly redecoration costs by eliminating future condensation issues

Condensation dampness and mould is more common than you think, particularly in older homes and new build properties that are poorly ventilated. Nuaire offers both extract ventilation and positive input ventilation solutions for planned and reactive maintenance programmes.
One of Nuaire’s latest developments is a unique, compact and cost effective ‘one fan’ solution. Designed for the social refurbishment market, this innovative, energy efficient fan has been cleverly designed to suit all wet room applications and is the smallest centrifugal fan on the market.

Another development and the latest addition to our new build product range is our de-centralised mechanical extract fan (dMEV). Using latest pioneering technology and an innovative design, this is an ideal solution for the house builder & developer when using single room, continuous extract ventilation.

- MEETS ALL BUILDING REGULATION REQUIREMENTS
- GUARANTEES THE CORRECT AIRFLOW EVERY TIME
- MEETS EVERY APPLICATION REQUIRED
- EXTRACTS THE HIGHEST FLOW RATE USING THE LOWEST AMOUNT OF ENERGY
- 5 YEAR WARRANTY

- MEETS PART F & L BUILDING REGULATIONS
- PROVIDES HIGH EFFICIENCY & PERFORMANCE
- GUARANTEES TO MEET THE CORRECT AIRFLOW
- COST EFFECTIVE SOLUTION WITH LOW RUNNING COSTS
- SIMPLE TO INSTALL & COMMISSION
- ULTRA MODERN & DISCREET DESIGN
- 5 YEAR WARRANTY
- SAP Q PENDING

AVAILABLE SUMMER 2013
Everyday activities such as washing, cooking and even sleeping produce around two litres of moisture per person, per day! Energy improvements, such as external insulation, result in minimal air leakage meaning there are fewer gaps within your property for the moisture to escape through and as a result condensation dampness can start to form. Condensation dampness cannot only damage properties with mould growth but are also damaging to the health of occupants. When undertaking energy improvements it is imperative that you eliminate the possibility of condensation dampness and consider how best to adequately ventilate your property.

**GREEN INITIATIVES**
If you are planning or have made improvements to your property under any of the green initiative schemes such as Green Deal, we recommend you consider installing adequate ventilation into your property.

**NUAIRE’S SOLUTION**
Nuaire offers cost effective ventilation solutions that can be easily installed as part of your energy reduction improvements.

Nuaire’s Positive Input Ventilation (PIV) is the ideal low-energy, cost-effective ventilation product for any energy improvement programme.

A tried and tested ventilation solution, PIV gently supplies fresh filtered air into the whole property. The moisture laden, contaminated air produced from day to day living is continuously diluted, displaced and replaced with good quality air from outside, creating an environment in which condensation and mould cannot exist.

Nuaire’s full range of PIV products are energy efficient and will suit any budget, starting from our standard Drimaster to our Sunwarm Air, which uses the principle of our PIV concept with a solar thermal technology.

**TO FIND OUR MORE VISIT OUR POSITIVE INPUT VENTILATION PAGE**
www.nuaire.co.uk/residential