

Apartment ventilation

It is estimated we spend over 90% of our time indoors yet when purchasing a home we give little consideration to ventilation systems. With ever increasing air and noise pollutants the need for healthier indoor environments must be a priority

MEV & MVHR - Mechanical extract

The Nuaire MEV systems are the ideal solution for apartment 'living'. MEV provides a central extract system with a network of ducting capable of extracting stale air from up to 5 rooms. MEV extracts from wet area's and kitchens whilst maintaining a continuously healthy atmosphere.

MVHR heat recovery systems supply warm tempered air into buildings whilst extracting moisture from wet area's. These systems are ideal for individual or a series of flats and apartments, creating warm, well ventilated environments.

Sunwarm - renewable energy

The Government's Energy White Paper proposes reducing the amount of carbon dioxide (CO2) to 60% of the 1990 level by 2050, encouraging the use of renewable sources and energy efficiency.

Renewables; Balancing sustainability and affordability

Building on the EcoHomes System, The Code for Sustainable homes is intended as a national standard for the design and construction of sustainable dwellings as a means of driving continuous improvement, greater innovation and exemplary achievement in sustainable home building.

In response, Nuaire has developed Sunwarm, the World's first family of standalone and integrated systems to provide solar heated air and water, whole house ventilation and air-cooling. Using the sun as a renewable energy source the system has potential energy savings of up to 3000KWh/pa resulting in the most affordable solution both in terms of cost to the client and to the resident.

For help and advice on using energy efficient ventilation, solar thermal renewable systems and providing healthy living environments that will contribute to achieving your desired star rating, please email sustainablehomes@nuairegroup.com



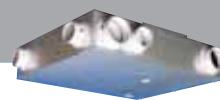
NEW squorboXbox -
Energy efficient, high performance extract with heat recovery (up to 2.5m³/s)

- Easy to install & commission with inbuilt Ecosmart 'plug and go' controls
- Low profile is ideal for ceiling void installation (external option available)
- Easy maintenance with side access panels
- Wide range of vertical, horizontal or twin fan options to suit most applications



opusXbox -
Energy efficient, low profile extract with heat recovery (up to 80l/s)

- Easy to install with 'one fix' bracket
- Simple to commission with inbuilt Ecosmart 'plug and go' controls
- Ideal for restricted space due to low profile (185mm)
- Lift off top panels make for easy maintenance



Solar hot water, heat & ventilation



NEW Sunwarm Hot Water
Solar hot water system

- Flexible solution with in roof, on roof and flat roof options
- Tested to BS EN 12975
- Modular in-roof option, ideal for domestic or commercial applications



Sunwarm Air
Solar heating, cooling & ventilation

- Produces healthier environment by eliminating condensation and providing clean air
- Efficient and cost effective system resulting in low running costs



Sunwarm
Solar heating, cooling & ventilation with Ecosmart energy efficient controls

- Energy efficient, easy to use control
- Hot water available via a cylinder
- Efficient and cost effective system resulting in low running costs



Sunwarm Heat Recovery
Solar heating, cooling & ventilation

- Produces healthier environment by curing condensation and providing clean air
- Can ventilate up to 7 rooms in one apartment
- Efficient and cost effective system resulting in low running costs





NEW mrXbox90

High efficiency extract with heat recovery (up to 300m²/hr)

- Market's most efficient unit with 90% efficiency
- Simple to commission with choice of controls
- 'Wireless' option for the 'ultimate' control
- Ideal for cupboard or wall mounting
- Lift off front panel makes for easy maintenance



mrXbox70

Multipoint extract with heat recovery (up to 67l/s)

- Ideal for cupboard or wall mounting is only 340mm deep
- Automatic controls suitable for all applications
- Easy to commission with integral balancing dampers



NEW cookerXbox

Wholehome extract with heat recovery (up to 48l/s)

- Ideal for wall or cupboard mounting
- Automatic control response for operation & heat recovery
- Cost effective system to install & maintain



NEW airepodXbox – Supply & extract heat recovery plus warm air heating

- Extremely efficient system helps lower utility costs
- Warm air and fresh environment all year round
- Flexible mounting configuration ideally suited for above POD or ceiling
- Available September 07

Mechanical extract with heat recovery



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NEW Ecosmart MEV

Energy efficient multipoint continuous extract (up to 110l/s)

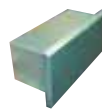
- Very quick to install with energy efficient 'plug & go' Ecosmart controls
- Shallow depth makes it ideal for restricted spaces
- Ultra quiet with typical dBA of 30
- Simple commissioning with 'dial a duty'
- Complies with New building regulations (refer to page 17)
- Available Sept 07



NEW MEV-SVS

Multipoint continuous extract for 'noise sensitive environments' (up to 110l/s)

- Features as Ecosmart MEV
- Designed specifically for noise sensitive or poor quality air applications, such as city centres or brown field sites (contact Nuair for details)
- Acoustic airbricks available
- Available Sept 07



NEW Acoustically treated Vent
Fitted to external walls overlooking roads or noise sensitive areas. Used in conjunction with recommended apartment ventilation system such as MEV-SVS

- Manual operation for total flexibility
- Airflow 30l/s @ 100Pa when fully open
- Prevents ingress of wind, rain etc with externally fitted baffle
- Aluzinc finish can be painted to allow blending into any environment
- Telescopic design allows for differing wall thicknesses
- Class 0 rated flame retardant acoustic material
- SRL test report available



NEW MEV/S

Multipoint continuous extract (up to 94l/s)

- Shallow depth makes it ideal for restricted spaces
- Quiet with low dBA
- Low cost system for multi room extract
- Complies with New building regulations (refer to page 17)
- Available Sept 07

MEV - Low Profile Mechanical Extract