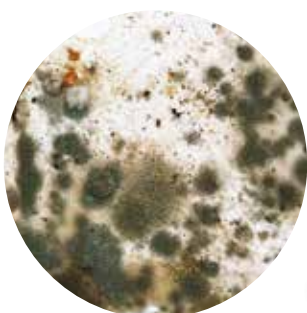


# VENTILATION SOLUTIONS FOR EXISTING DWELLINGS



# A ventilation manufacturer with unrivalled choice and service

► Nuaire is the UK leader in the design and manufacture of fans and ventilation systems. We put our energy into efficient ventilation so you don't waste yours.

Based in South Wales, our factory covers over 25,000m<sup>3</sup>, allowing us to manufacture a wide variety of ventilation products from raw materials to finished goods.

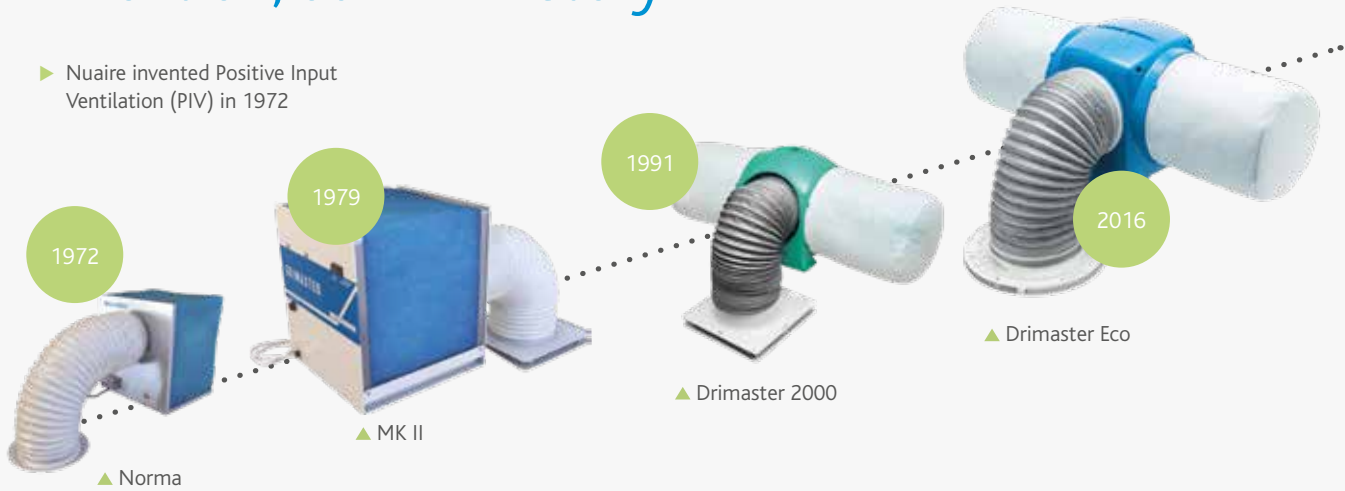
We source almost all of our components from the UK, keeping both our carbon footprint to a minimum and ensuring industry-leading delivery times to customers.

Since our inception in 1966, Nuaire have pioneered a number of ventilation strategies and products widely adopted by the industry, from the twin fan to the Opus residential fans through to the invention of Positive Input Ventilation.



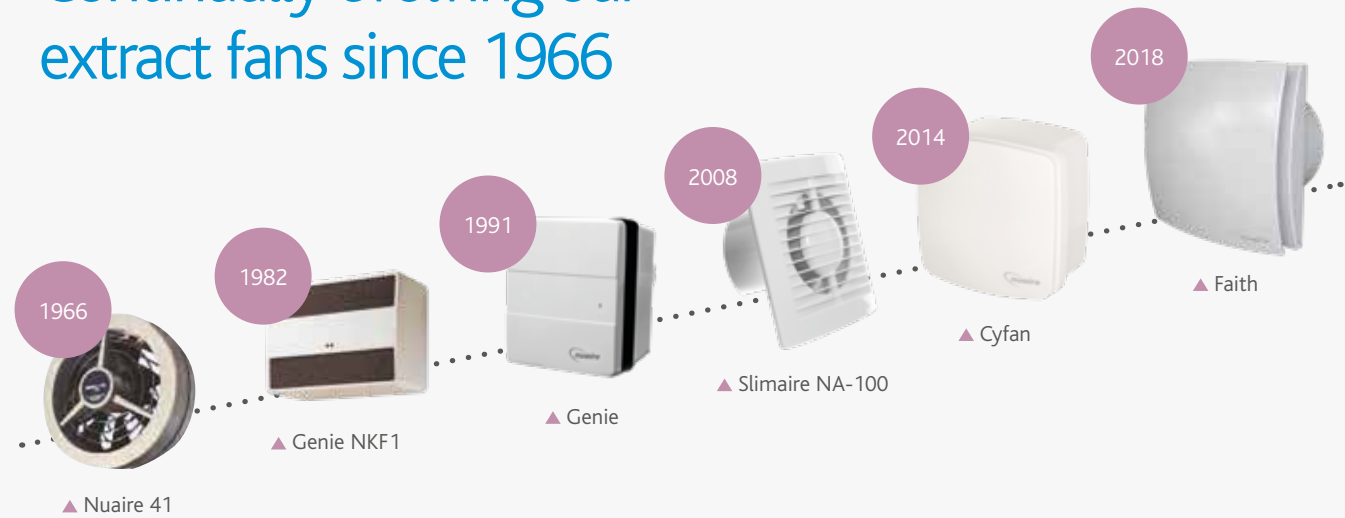
## Market leader in PIV since invention; our PIV history

► Nuaire invented Positive Input Ventilation (PIV) in 1972



The latest technology for PIV; low watt heaters and wireless controls

## Continually evolving our extract fans since 1966



# A fast growing problem

- ▶ External and internal pollutants can have a significant impact on the quality of air in every home and consequently on occupants' health.

Poor ventilation is a wide-scale problem. It is estimated that one in five UK households are poorly ventilated, leading to problems with streaming windows, mould growth and poor indoor air quality.

Condensation dampness is the major indoor air pollutant caused by modern living. Energy-efficiency measures such as cavity wall insulation and double-glazing make homes warmer by sealing in the heat. But as a result, the humid, stale air becomes trapped inside the home leading to condensation and the appearance of black mould.

Through everyday life (cooking, cleaning, breathing) the average family produces over 17 pints of moisture a day. Condensation forms when this moisture comes into contact with cold surfaces within the home. This condensation will lead to mould growth, which is not only unpleasant but is damaging to the fabric of the building and creates unnecessary costs for the registered landlord in decoration and maintenance.

### Effects on health

Poor indoor air quality has significant impact on the health and wellbeing of occupants. Studies have firmly linked poor indoor air

quality with a range of undesirable illnesses, such as allergic and asthma symptoms, airborne respiratory infections, and even lung cancer and stroke.

### The importance of good ventilation

Ventilation is critical to home comfort and improved health. Adequate ventilation improves air quality and rids the home of air pollutants. It controls the moisture levels in the home, preventing condensation dampness and black mould from forming.

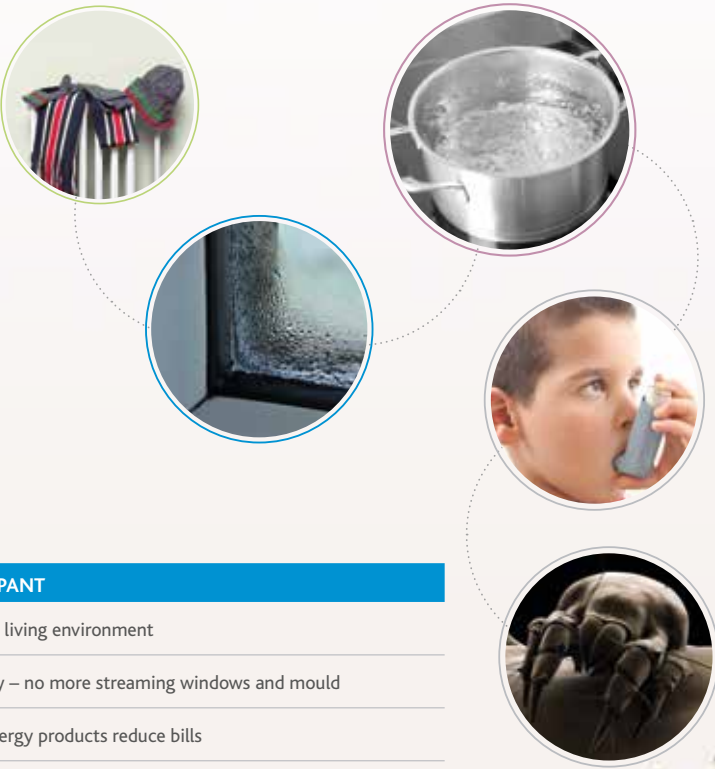
These factors combine to enhance the comfort and indoor air quality of the home and ensure a healthy environment. Effective ventilation also contributes to preserving the structural integrity of the home, reducing maintenance costs and adding to the home's value.

On average, occupants spend over 80% of their time indoors so indoor air quality matters.

| ACTIVITY                   | PINTS OF MOISTURE |      |
|----------------------------|-------------------|------|
| Cooking with Gas           |                   | 5.2  |
| Clothes Washing and Drying |                   | 5.1  |
| Showering                  |                   | 1.6  |
| Breathing (4 people)       |                   | 5.6  |
| DAILY TOTAL                |                   | 17.5 |

### Benefits to providing adequate ventilation

| FOR THE LANDLORD  | FOR THE OCCUPANT   |
|---|--|
| Compliance to ADF and ADL Building regulations              | Creates a healthy living environment                               |
| Easy Installations  | Controls humidity – no more streaming windows and mould            |
| Low life-cycle costs  | Extremely low energy products reduce bills                         |
| Preserves the building fabric (reducing maintenance costs)  | Low noise levels   |
| Maintains long tenancies                                    | Minimal maintenance  |
| Improves tenant wellbeing and health, avoiding legal claims | Addresses harmful indoor air pollutants such as VOCs and Radon gas |



# How can Nuaire help you?

- ▶ As the **UK's leading ventilation provider** we understand your requirements and have staff on hand to help.

Our offices in South Wales manage schedules, orders and can help on technical enquiries. With over 65 external sales staff we are always on hand to help with product information, training or best practice advice.

### Full ventilation training

If you have a DLO, or subcontract your ventilation installers, Nuaire offers free ventilation training that is BPEC and NICEIC accredited. As active members of numerous industry bodies, Nuaire promotes best ventilation installation practice. As fabric improvements and insulation schemes have been commonplace for many years, it's important to review ventilation when refurbishment occurs.

### A comprehensive range of products

Nuaire offers a wide range of ventilation products. For renovation of existing buildings, we offer a wide range of axial and centrifugal fans. We also offer 'twin fans' solutions for central ventilation on tower blocks. For planned maintenance on newer homes, we also offer our MEV/MVHR range of fans and spares.



Contact your local rep for free

seminars on condensation and mould

- ▶ Condensation workshops
- ▶ Toolbox talk on regulations
- ▶ Upkeep and maintenance for MEV and MVHR
- ▶ Custom CPD's on request





# VENTILATE THE HOME WITH POSITIVE INPUT VENTILATION (PIV)

► Installed in over 1 million homes in the UK, Positive Input Ventilation (PIV) systems provide a continuous supply of fresh, filtered air into the home through positive pressurisation, creating an environment in which condensation and mould growth cannot exist.

Poor ventilation within Local Authority, Housing Association and tenanted properties is a large and growing problem. Badly ventilated properties lead to problems such as streaming windows, mould growth and poor indoor air quality.

Without adequate ventilation the moisture produced by washing, cooking and bathing remains trapped inside.

## ▼ PIV How does it work?

**Moisture and condensation are driven out**

The filtered air gently pressurises the home from inside out, forcing out the stale air.



  
Nuaire invented PIV over 40 years ago

**Create a healthy living environment**  
Improves indoor air quality removing pollutants such as VOCs, keeps out external pollutants such as traffic fumes and pollen.

**No need to open windows to ventilate**  
Clean, fresh air is continuously drawn through the lofts' natural leakage points, passed through the filters and fed into the property via a central hallway diffuser.

## Choosing the right PIV unit

|                                     |  |  |  |  |  |  |  |  |  |  |
|-------------------------------------|---|---|---|---|---|---|---|---|---|---|
|                                     | DRI-ECO-LC  | DRI-ECO-HC  | DRI-ECO-LINK-HC   | DRI-ECO-HEAT-HCS  | DRI-ECO-HEAT-HC   | DRI-ECO-3STOREY   | DRI-ECO3S-HEAT-HC   | DRI-365   | FLATMASTER  | FLAT2000L/R   |
| With lofts                          | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |   |   |
| Without lofts                       |   |   |   |   |   |   |   |   | ✓   | ✓   |
| Single storey                       | ✓   | ✓   | ✓   | ✓   | ✓   |   |   | ✓   | ✓   | ✓   |
| Two storey                          | ✓   | ✓   | ✓   | ✓   | ✓   |   |   | ✓   |   |   |
| 3 storey                            |   |   |   |   |   | ✓   | ✓   |   |   |   |
| Works with RH sensor                |   |   | ✓   |   | ✓   |   | ✓   |   |   |   |
| Works with CO2 sensor               |   |   | ✓   |   | ✓   |   | ✓   |   |   |   |
| Works with 2-way boost switch       |   |   | ✓   |   |   |   |   |   |   |   |
| Works with 4-way boost switch       |   |   |   |   | ✓   |   | ✓   |   |   |   |
| Setting and control behind diffuser |   | ✓   | ✓   | ✓   | ✓   |   | ✓   |   |   |   |
| Setting and control on unit         | ✓   |   |   |   |   | ✓   |   | ✓   | ✓   | ✓   |
| 5 year warranty*                    | ✓   |   |   |   |   | ✓   |   | ✓   | ✓   | ✓   |
| 7 year warranty*                    |   | ✓   | ✓   | ✓   | ✓   |   | ✓   |   |   |   |

\*1 year parts and labour, remaining years parts only

POSITIVE INPUT  
VENTILATION (PIV)

# PIV for 2 storey or single storey loft dwellings

- ▶ The Drimaster-Eco range uses the Positive Input Ventilation principle to provide the home with whole-house ventilation. It involves introducing fresh filtered air into the dwelling at a continuous rate, encouraging movement of air from the inside to outside. This unit is suitable for 2 storey and single storey properties with loft space.



## Features and benefits for Positive Input Ventilation

- ▶ Continuously reduces moisture levels within the home
- ▶ Meets Building Regulations
- ▶ Extremely low power consumption
- ▶ Extremely quiet operation
- ▶ Designed to create an easy and non-disruptive installation
- ▶ Daily run monitor as standard
- ▶ 7 segment display for visual enhanced controllability
- ▶ Very low maintenance requirement
- ▶ Can be installed to help reduce Radon gas levels
- ▶ Significantly improves the indoor air quality in the home
- ▶ Proven to improve tenants' health by reducing allergens within the home
- ▶ Protects the fabric of the home by alleviating condensation dampness
- ▶ Automatic heat recovery mode
- ▶ Up to 7 years' warranty\*



### DRI-ECO-HEAT-HC

An integral 400W heating element to temper the airflow on entering the property. Suitable for all properties with a loft space, this unique PIV system has controls situated behind the diffuser for ease of commissioning and maintenance checks. The development of new technology also provides additional benefits for both the housing provider and the occupant, relative humidity (RH) and carbon dioxide sensors which will automatically increase the fans speed when the target setting on the sensors are met. This maintains good indoor air quality.



### DRI-ECO-HEAT-HCS

Suitable for all properties with a loft space, this PIV system is a variant of the Dri-Eco-Heat-HC. Integral 400W heating element tempers the airflow on entering the property and this variant is for applications where additional controls and RF compatibility is not required.



### DRI-ECO-LINK-HC

This unit is a standard unit with the added benefit of being compatible with a relative humidity sensor and CO<sub>2</sub> sensor. With suitability for loft installation, this unit also has discrete commissioning and controls behind the diffuser.



### DRI-ECO-HC

Providing ease of commissioning and install for housing providers when carrying out maintenance checks, this PIV unit has system controls located behind the diffuser.



### DRI-ECO-LC

This PIV unit offers the latest energy-saving technology which can reduce energy bills and power consumption in the home. The controls are sited in the loft on the unit.



### DRI-365

Suitable for properties with a loft space, this unit ensures and protects indoor air quality all year round. This energy saving unit introduces fresh cooler filtered air into the home throughout the warmer months, whilst intelligently utilising solar gain from loft space during the colder, ensuring a comfortable living environment throughout the year.

Please note you are required to choose one of the below codes for the additional kit needed to complete the install:

- ▶ DRI365-SOFITKIT
- ▶ DRI365-WALLKIT

## Kits available



▲ DRI365-SOFITKIT



▲ DRI365-WALLKIT

## Sensors available



▲ DRI-ECO-2S  
2-way switch



▲ DRI-ECO-RM  
Remote monitor



▲ DRI-ECO-CO2  
Carbon dioxide sensor



▲ DRI-ECO-4S  
4-way switch



▲ DRI-ECO-RH  
Relative humidity sensor

POSITIVE INPUT  
VENTILATION (PIV)

### 3 storey loft PIV

- Using the same Positive Input Ventilation technology, the following products are suitable for install within 3 storey properties with a loft space. By using an intumescent aluminium diffuser in order to meet fire regulation standards, this range offers whole-house ventilation with improved indoor air quality.



**DRI-ECO3S-HEAT-HC**

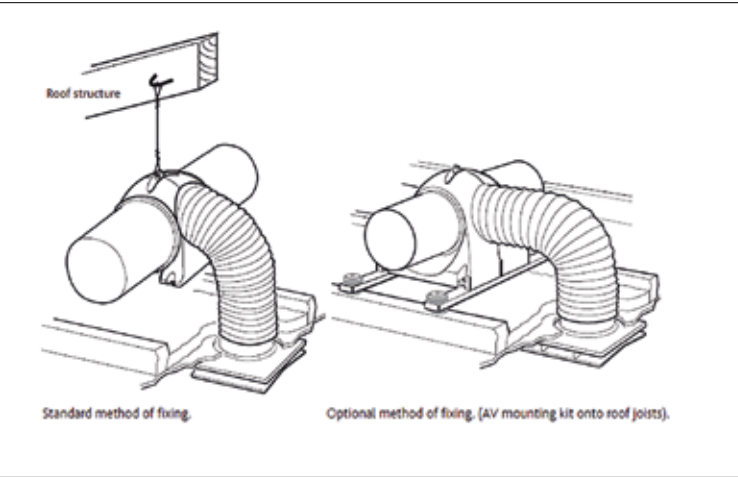
This low energy-unit has a 400W heating element to temper airflow when upon entering the property. This unit has hall controls situated behind the diffuser providing ease of commissioning and maintenance checks and is suitable for installation in 3 storey properties. This unit is compatible with sensors as per standard the DRI-ECO-HEAT-HC unit.



**DRI-ECO-3STOREY**

Suitable for 3 storey property application, this unit is a cost-effective solution to enhancing indoor air quality within homes. Controls are situated on the unit with the loft.

Install application



We offer a range of ducting and ancillaries, see page 19

### Properties without loft space

- Ideal for properties without loft space, this low cost ventilation unit is designed to take fresh air from outside using the same Positive Input Ventilation Technology.



**FLAT2000L**

Built with an integral heater, this unit tempers the air brought in from outside the property helping to cure condensation dampness and remove allergens and pollutants from the home. This unit is a left hand discharge.



**FLAT2000R**

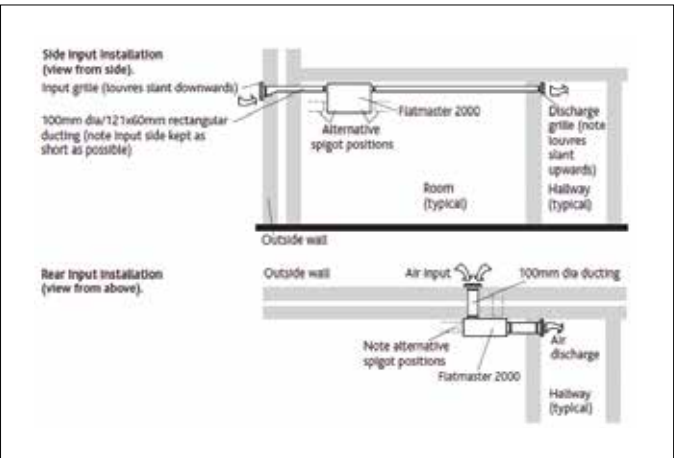
Built with an integral heater, this unit tempers the air brought in from outside the property helping to cure condensation dampness and remove allergens and pollutants from the home. This unit is a right hand discharge.



**FLATMASTER**

Situated in a convenient location within the home and ducted to a central location, this low-energy unit introduces air into the home at a continuous low rate ensuring allergens and kept to a minimum improving indoor air quality.

Install application



Switch available



▲ FAN CONTROLLER



# INTERMITTENT EXTRACT FANS (SYSTEM 1) AND CONTINUOUS RUNNING EXTRACT FANS (SYSTEM 3)

► A common, cost-effective way to ventilate houses with extract fans. With a fan per 'wet room' (bathroom, en-suite, kitchen and utility room), extract fans can either be intermittent or continuously running.

▼ Extract + dMEV How do they work?



Nuaire offer



on regulations and different system types

Intermittent extract fans

Extract fans are fitted to a property's 'wet rooms' to provide extraction of moisture and other pollutants. They operate intermittently either through automatic, or occupant control, with replacement fresh air provided through background ventilators.

## Choosing the right fan

| Product   | Product name | Product code | Page number | Axial | Centrifugal | Mixed flow | Continuous | Intermittent | 230V | SELV | IPX4 | Wall | Ceiling | Window | Maximum Duty |
|---|--------------|--------------|-------------|-------|-------------|------------|------------|--------------|------|------|------|------|---------|--------|--------------|
|      | CYFAN        | CYFAN        | 14          |       | ✓           |            | ✓          | ✓            | ✓    | ✓    | ✓    | ✓    | ✓       | ✓      | 60 l/s       |
| New  | FAITH        | FAITH        | 15          |       |             | ✓          | ✓          |              | ✓    | ✓    | ✓    | ✓    | ✓       | ✓      | 26 l/s       |
|    | iSense       | iSense       | 16          | ✓     |             |            | ✓          |              | ✓    |      | ✓    | ✓    | ✓       | ✓      | 25 l/s       |
|    | NA-E         | NA-E-100     | 18          | ✓     |             |            |            | ✓            | ✓    | ✓    | ✓    | ✓    | ✓       |        | 25 l/s       |
|    | NA-E         | NA-E-150     | 18          | ✓     |             |            |            | ✓            | ✓    |      | ✓    | ✓    | ✓       |        | 60 l/s       |
|    | NA           | NA100        | 18          | ✓     |             |            | ✓          |              | ✓    | ✓    | ✓    | ✓    | ✓       | ✓      | 25 l/s       |
|    | NA           | NA150        | 18          | ✓     |             |            | ✓          |              | ✓    |      | ✓    | ✓    | ✓       | ✓      | 60 l/s       |

EXTRACT FANS  
SYSTEM 1 AND 3

Cyfan

- ▶ Cyfan offers Social Housing Providers and Installers a sleek and compact fan with unique intelligence and the capability to accommodate different property layouts and tenants lifestyles with just one ventilation solution.

Cyfan allows installers to configure the fan to either continuous or intermittent operation, 230V or 24V SELV, with selected flow and boost rates ensuring the right fan for the application is installed. Furthermore, you only need to stock one fan, providing one perfect solution.

Your one fan fits all solution!



- Designed with tenants in mind:**
- ▶ Quiet running
  - ▶ Compact and aesthetically pleasing
  - ▶ Low energy usage; low running cost
  - ▶ Easy filterless maintenance

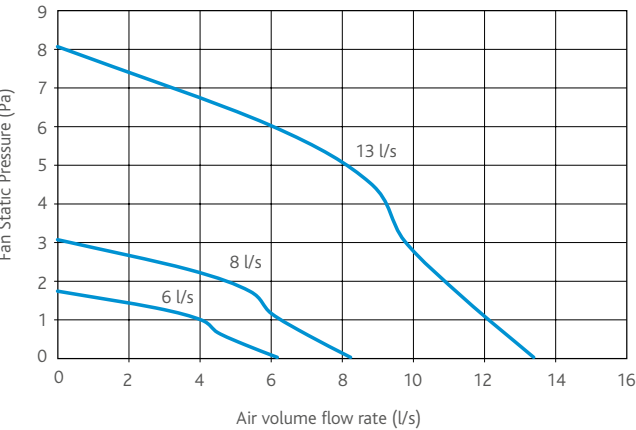
Features and Benefits

- ▶ Suitable for kitchens, bathrooms, WC or utility rooms
- ▶ Recess kit and window kit available
- ▶ Side spigot option allows multi adjoining wet-room ventilation
- ▶ Run on timer for boost functionality
- ▶ Daily run monitoring device
- ▶ Can be configured to continuous or intermittent operation
- ▶ Simple conversion from 230V to low voltage for relevant splash zones
- ▶ Low maintenance and life cycle costs
- ▶ 5 years' warranty\*

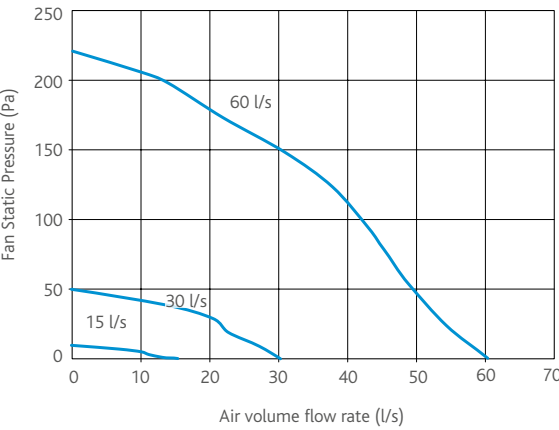
Extract Ventilation Rates - ADF Paragraph 5.1a

| Room                   | Intermittent extract                        | Continuous extract |
|------------------------|---|--------------------|
|                        | Minimum rate                                | Minimum high rate  |
| Kitchen                | 30 l/s adjacent to hob, or 60 l/s elsewhere | 13 l/s             |
| Utility room           | 30 l/s                                      | 8 l/s              |
| Bathroom               | 15 l/s                                      | 8 l/s              |
| Sanitary accommodation | 6 l/s                                       | 6 l/s              |

Cyfan - Continuous Performance



Cyfan - Intermittent Performance



EXTRACT FANS  
SYSTEM 3

Faith

- ▶ The Faith extract fan has been specifically designed to meet the requirements of Social Housing. Compact and filterless, this continuously-running fan provides energy-efficient ventilation and comfort for your tenants.

With the well-being of your tenants in mind, Faith's technology delivers continuous ventilation and maintains the correct amount of airflow, providing a healthy living environment.

Using the latest technology, Faith offers a daily run monitor as standard to enable landlords to monitor operational use.

Smart Technology

New



New locking facility

Faith is a continuously-running extract fan that has been designed with the DLO or contractor in mind offering ease of install with a simple and quick set-up.

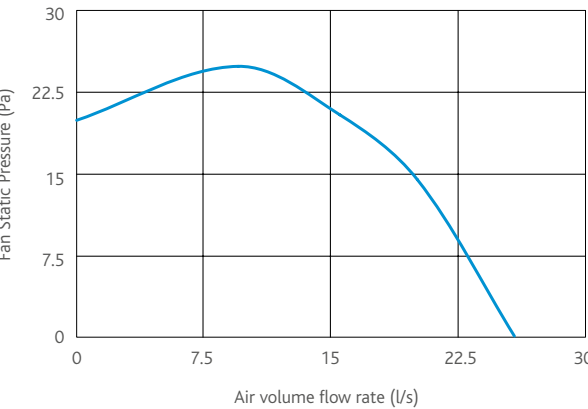
Features and Benefits

- ▶ Night time delay and intelligent run-on timer – saves energy and prevents noise disturbance
- ▶ Intelligent and energy-saving humidity tracker – slowly boosts the fan by measuring humidity levels
- ▶ Low maintenance and life cycle costs – cost-effective ventilation solution
- ▶ Daily run monitor – records tenants' operation
- ▶ Wall, ceiling and window mounted – fits every application
- ▶ Quiet and unobtrusive – tenant acceptability
- ▶ 230V and SELV versions
- ▶ IPX4 – suitable for all zones
- ▶ 5 years' warranty\*

Extract Ventilation Rates - ADF Paragraph 5.1a

| Room                   | Continuous extract |
|------------------------|--------------------|
|                        | Minimum high rate  |
| Kitchen                | 13 l/s             |
| Utility room           | 8 l/s              |
| Bathroom               | 8 l/s              |
| Sanitary accommodation | 6 l/s              |

Faith - Air Performance





EXTRACT FANS  
SYSTEM 3

iSense (dMEV)

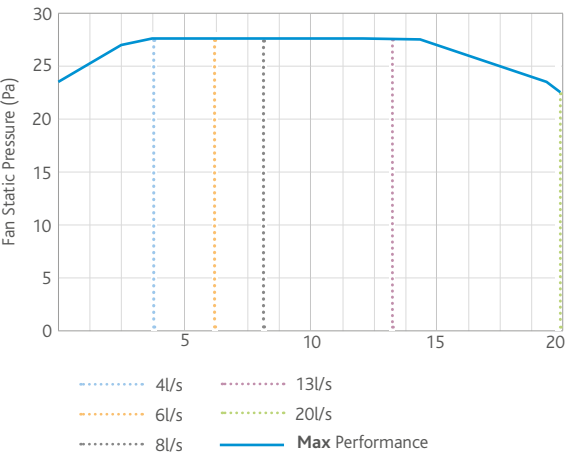
- ▶ iSense is a compact and stylish, continuous running ventilation solution designed to meet system 3 Part F & L building regulations for all wet room applications. Its intelligent and smart technology has constant flow operation, ensuring the set desired flow is delivered to provide a healthy living environment for the occupants.



Features and Benefits

- ▶ SAP PCDB listed – SFP down to 0.13 w/l/s
- ▶ Part F (system 3) & Part L Compliance
- ▶ Simple set up and commissioning
- ▶ Designed to ultra low noise levels
- ▶ Constant flow operation – ensuring desired airflow is delivered
- ▶ Effective technology – to create a healthy living environment
- ▶ 3 minute night time delay – saves energy and prevents noise disturbance
- ▶ Intelligent run-on timer – operates to the users lifestyle via 'auto' mode or fully adjustable
- ▶ Standard and humidistat models
- ▶ IPX4 rated
- ▶ 5 year warranty\*

iSense - Air Performance ▼



Tested through the wall with 300mm rigid duct and a low resistance grille.

SAP PCDB Table ▼

| Unit configuration | Location | iSense SFP Rigid duct | iSense SFP Flexi duct |
|--------------------|----------|-----------------------|-----------------------|
| Thru wall          | Kitchen  | 0.13                  | 0.15                  |
| Thru wall          | Wet room | 0.15                  | 0.20                  |
| In-room            | Kitchen  | 0.20                  | 0.20                  |
| In-room            | Wet room | 0.19                  | 0.24                  |

Product Codes

iSense  
Standard model  
iSense-HT  
Humidistat model

EXTRACT FANS  
SYSTEM 1 AND 3

Domestic axial fans

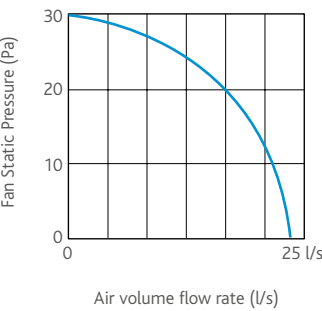
- ▶ Nuaire’s latest range of axial fans are a simple and cost-effective ventilation solution for houses and apartments. This range is ideal for air-extraction in bathrooms and toilets, as well as utility rooms and kitchens.

Suitable to extract stale air directly to the outside or through short length ducting, the units can be wall/panel, ceiling and window mounted.

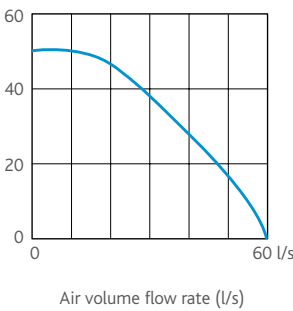


Low-energy  
single and  
twin speed  
axial fans

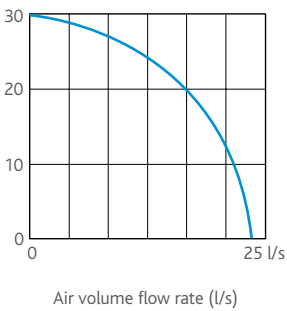
NA-E-100 Performance



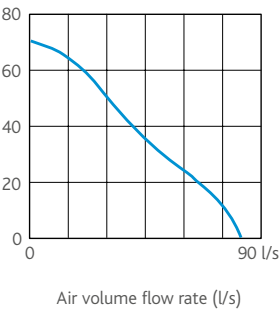
NA-E-150 Performance



NA-100 Performance



NA-150 Performance



| Code           | Single speed | Twin speed | 4" | 6" | Pull cord | Timer | Humidistat | SELV | 230V | Window mounted |
|----------------|--------------|------------|----|----|-----------|-------|------------|------|------|----------------|
| NA-E-100       | ✓            |            | ✓  |    |           |       |            |      | ✓    |                |
| NA-E-100H      | ✓            |            | ✓  |    |           | ✓     | ✓          |      | ✓    |                |
| NA-E-100HPC    | ✓            |            | ✓  |    | ✓         | ✓     | ✓          |      | ✓    |                |
| NA-E-100PC     | ✓            |            | ✓  |    | ✓         |       |            |      | ✓    |                |
| NA-E-100T      | ✓            |            | ✓  |    |           | ✓     |            |      | ✓    |                |
| NA-E-100-12    | ✓            |            | ✓  |    |           |       |            | ✓    |      |                |
| NA-E-100H-12   | ✓            |            | ✓  |    |           | ✓     | ✓          | ✓    |      |                |
| NA-E-100HPC-12 | ✓            |            | ✓  |    | ✓         | ✓     | ✓          | ✓    |      |                |
| NA-E-100PC-12  | ✓            |            | ✓  |    | ✓         |       |            | ✓    |      |                |
| NA-E-100T-12   | ✓            |            | ✓  |    |           | ✓     |            | ✓    |      |                |
| NA-E-150       | ✓            |            |    | ✓  |           |       |            |      | ✓    |                |
| NA-E-150T      | ✓            |            |    | ✓  |           | ✓     |            |      | ✓    |                |
| NA-E-150PC     | ✓            |            |    | ✓  | ✓         |       |            |      | ✓    |                |
| NA-E-150H      | ✓            |            |    | ✓  |           | ✓     | ✓          |      | ✓    |                |
| NA 100XPC      |              | ✓          | ✓  |    | ✓         |       |            |      | ✓    | ✓              |
| NA 100XPC-12   |              | ✓          | ✓  |    | ✓         |       |            | ✓    |      | ✓              |
| NA 150XPC      |              | ✓          |    | ✓  | ✓         |       |            |      | ✓    | ✓              |

# TWIN FAN OPTIONS FOR TOWER AND MULTI OCCUPANCY BUILDINGS

PROVIDING VENTILATION 24/7

Repair and replacement for tower blocks



Nuaire offer a wide range of commercial ventilation solutions, some of which are suitable for existing residential dwellings. In many inner city locations, high rise buildings are ventilated with 'Twin Fans' where a central system is positioned on a roof.

## Airevolve twin fan (up to 0.18 m<sup>3</sup>/s)

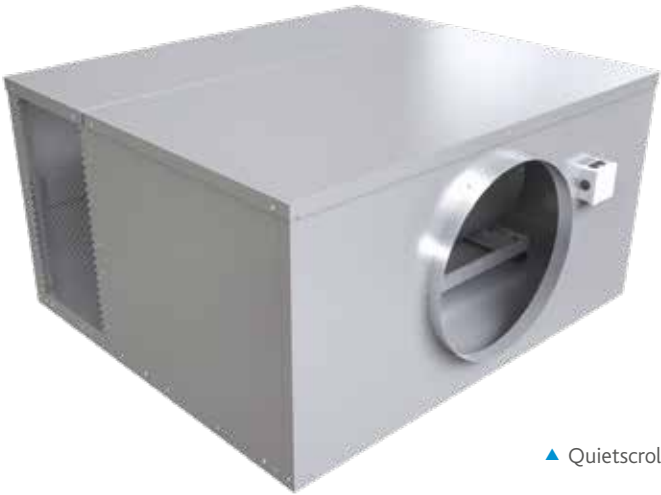


▲ AVT Internal In-line Twin Fans



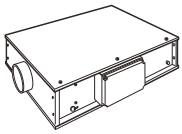
▲ AVT-R External In-line Twin Fans with grille outlet

▼ Side discharge grille

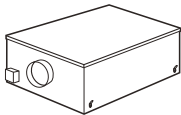


▲ Quietscroll

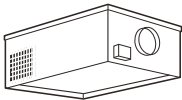
## Quietscroll twin fan (up to 4.5 m<sup>3</sup>/s)



▲ EST Internal in-line twin fans



▲ EST-X External in-line twin fans



▲ EST-R Roof mounted twin fans with end inlet and side discharge

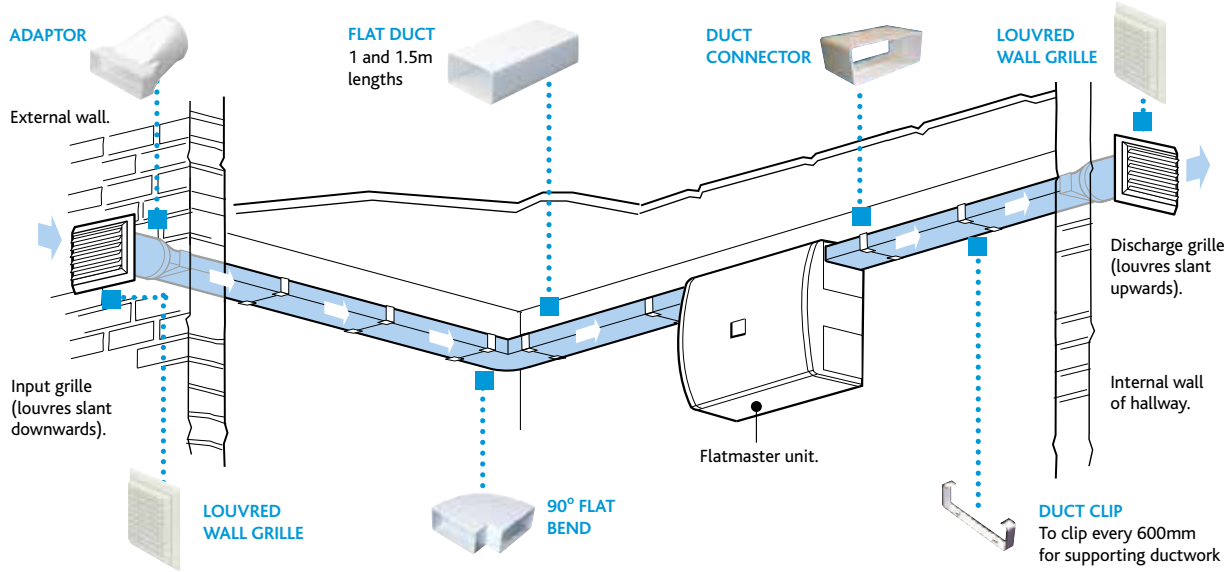


▲ EST-B Roof mounted twin fans with bottom inlet and side discharge



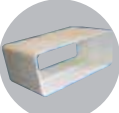
# FAN ANCILLARIES

## FLATMASTER ANCILLARIES



### Adaptor

PVC470WH – Rectangular to round duct 121 x 60mm/100mm dia.



### Duct Connector

PVC420WH – 121 x 60mm



### Louvred Wall Grille

PVC104LR – 100mm dia. spigot  
Low resistance



### Flat Duct

• PVC4015WH – 121 x 60mm 1m and 1.5m lengths  
• PVC4010WH – 1m lengths



### 90° Flat Bend

PVC450WH – 121 x 60mm



### Duct Clip

PVC422WH – 121 x 60mm



### 90° Vertical Bend

PVC460WH – 121 x 60mm



### Duct Connector

PVC493WH – 100mm dia.



### Round Duct Pipe

• PVC1200-4WH – 100mm dia. 2m length  
• PVC1100-4WH – 1m lengths



### 90° Bend

PVC490WH – 100mm dia.



### Duct Clip

PVC496WH – Pipe hanger 100mm dia.



### Round Wall Grille

PVC104-CNFS – 100mm dia. spigo

## FAN ANCILLARIES

### CYFAN AND FAITH ANCILLARIES



**Cyfan-WKIT**  
Window kit for through window installation



**Cyfan-RKIT**  
Recess kit for Cyfan



**Cyfan-DKIT**  
Sub spigot kit for Cyfan. Comprises of 50mm (3m) hose, connection spigots and filters inlet grill



**Cyfan-SWP**  
Cyfan Wall Plate, to fit existing 223mm Width v 275mm length



**Cyfan-LWP**  
Cyfan Wall Plate, to fit existing 335mm Width x 255mm length



**Cyfan-WALLKIT4-WH**  
4 inch wall kit for Cyfan unit  
Please enquire for alternative colours



**Cyfan-WALLKIT6-WH**  
6 inch wall kit for Cyfan unit  
Please enquire for alternative colours



**Cyfan-WALLKIT-WH**  
Telescopic 5 inch pipe C/W louvred outlet (white) no fly screen so low resistance



**Cyfan-Inroom-Kit4 / Cyfan-Inroom-Kit5**  
Cyfan 4 inch in-room ducting kit / Cyfan 5 inch in-room ducting kit



**FAITH-WKIT**  
Window kit for Faith unit

For fan ancillaries details for Faith and Axial fans please contact Nuaire on **02920 858200** or visit [www.nuaire.co.uk/residential](http://www.nuaire.co.uk/residential)

## FAN ANCILLARIES

### GRILLES AND TERMINALS



**Wall Mounting Louvre**  
PVCWALL/2 – 100mm diameter spigot



**Wall Mounting Rectangular Cowled Outlet**  
PVCWALL/3 – 100mm diameter spigot



**Louvered Grille with flyscreen**

- PVC104WH – 100mm diameter
- PVC504WH – 125mm diameter
- PVC604WH – 150mm diameter
- PVC105WH – 110mm diameter



**PVC104LR – 100mm diameter**  
PVC104LR – 100M diameter



**Air Brick**

- PVC501WH – 201 x57mm brick with shutter
- PVC505NS – 201 x57mm brick no shutter



**Double Air Brick**  
PVC905WH – 204 x60mm double air brick



**Wall Mounting Air Brick Weather Louvre**  
PVCWALL/6 – 100mm diameter spigot



**High Rise**  
PVC2447T – 100mm diameter spigot  
The cowl can be installed from the inside of the dwelling



**Slimduct Silencer**

- PVC5IL -500 – 204 x 60mm, 0.5m
- PVC5IL -1000 – 204 x 60mm, 1m
- PVC5IL-1500 – 204 x 60mm, 1.5m



**Dino Ties**  
DT33



**Gravity Shutter Wall Outlet**

- PVC100WH – 100mm diameter spigot
- PVC101WH – 110 x 54mm duct
- PVC506WH – 125mm diameter spigot



**Cowled Wall Outlet With Damper**

- PVC102WH – 100mm diameter spigot
- PVC102WH – 110 x 54mm duct
- PVC502WH – 125mm diameter spigot



DUCTING ANCILLARIES  
AND FIRE PRODUCTS



- Duct Accessories**
- PVCDEAL – Ducting sealant
  - PVC50TP45 – Aluminium Duct Tape 45m
  - PVCSEAL – Intumescent Duct Sealant



- Circular Fire Damper**
- CFD-100-E60S – 100mm
  - CFD-125-E60S – 125mm
  - CFD-160-E60S – 160mm

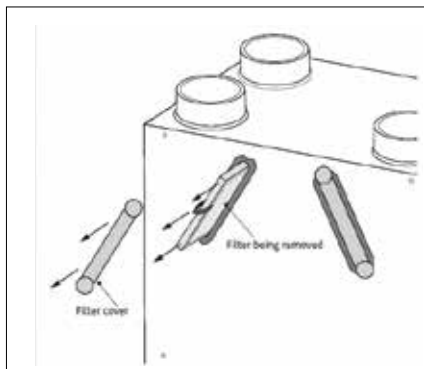
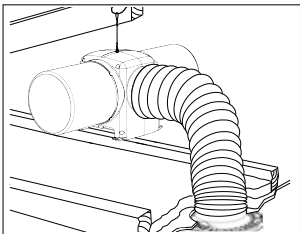


- Circular Fire Damper Air Valve**
- V-FD100-E60S – 100mm
  - V-FD125-E60S – 125mm, Wall mount only
  - V-FD125-125 – 125mm, Ceiling mount only



- Fire Wrap**
- FW110X54T – 110 x 54mm Firemm Damper
  - FW204X60T – 204 x 60mm Fire Damper
  - FW220X90T – 220 x 90mm Fire Damper
  - PVC488T – 100mm Fire Damper
  - PVC588T – 125mm Fire Damper
  - PVC688T – 150mm Fire Damper

SPARE FILTERS FOR DRI-ECO,  
FLATMASTER, MEV & MVHR



FLAT-FILTERKIT



DRIPOS2001-FILTERKIT /  
DRI-ECO FILTERKIT



MEV-G2-FILTERKIT



MVHR-WM2-FILTERKIT/  
MVHR-WH1-FILTERKIT/  
MVHR-WH2-FILTERKIT/  
MVHR-ECO2-FILTERKIT



MVHR-WH1-FILTERKIT/  
MVHR-ECO3-FILTERKIT



MVHR-WH1-FILTERKIT/  
MVHR-ECO4-FILTERKIT

INDOOR AIR  
QUALITY (IAQ)

AND OUR P.I.V SOLUTION

**Indoor Air Quality (IAQ)** is the quality of the air you breathe in your home.  
**How clean is the air within your home?**

Poor indoor air quality, or indoor air pollution, occurs when there is a build up of pollutants in the home to the extent that it affects an occupant's health and comfort.

WHAT YOU CAN DO NOW

- ✓ IAQ can be managed and kept at a healthy level by reducing the number of pollutants in the home
- ✓ Ensure your home is properly ventilated; ventilation is installed, well maintained and switched on
- ✓ Reduce levels of moisture by drying clothes outside, covering pans when cooking, ensuring extraction fans are switched on in the bathroom and kitchen and shutting the bathroom door when showering

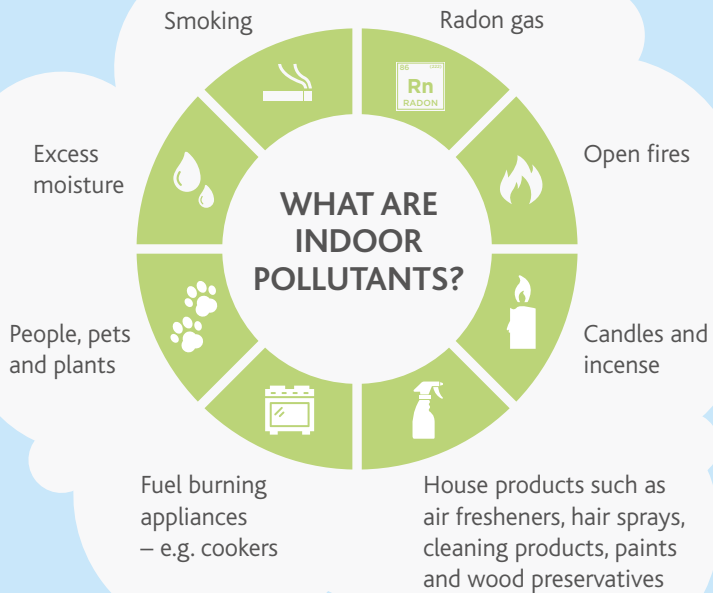
COMMON  
SYMPTOMS

of poor indoor air quality include:

- > coughing
- > sneezing
- > watery eyes
- > fatigue
- > dizziness
- > headaches
- > wheezing
- > allergic reactions



WHAT ARE  
INDOOR  
POLLUTANTS?



THE  
FACTS

On average, UK citizens spend  
**90%**  
of their time indoors...

That's  
**16 HOURS**  
a day in their homes

**900**  
potentially dangerous chemicals, particles and biological materials in indoor air

The average family produces up to **10 litres** of water a day, leading to excess moisture that may result in condensation and mould growth

Your home could be  
**50x**  
more polluted than outdoors



## NUAIRE

Western Industrial Estate  
Caerphilly  
CF83 1NA

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