

ATMOS®

A breath of fresh air for your home

envirovent®



Join the Ventilation Revolution

Bringing fresh, filtered, clean air into your home...

Invigorating, energising and essential for well-being; fresh, clean air is the cornerstone of good health. But modern living means the air in our homes is often far from fresh.

Condensation, mould spores, dust mites, allergens, and chemicals from household products can all be found in the air inside our homes. It's one reason so many of us suffer from headaches, nausea and tiredness, as well as more serious problems including asthma, allergies and eczema.

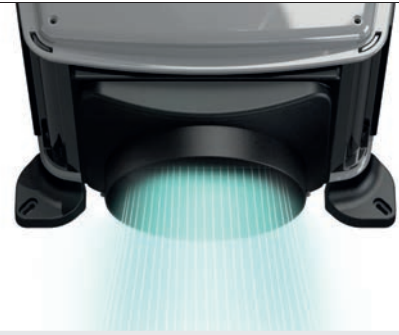
But there is an easy way to dramatically reduce condensation, and improve the air quality in your home.



Home Ventilation Systems for a **Healthier Indoor Atmosphere**

ATMOS® from EnviroVent brings clean air back into your home. As the fresh air gently circulates around your home, the stagnant, polluted air is diluted, creating a healthier home and a healthier you.

A Difference You Can Feel



- Eliminate condensation, damp and unsightly mould patches
- Reduce irritants found in indoor air, including mould spores, dust mites, and chemicals
- Improve the unpleasant symptoms caused by polluted air

Breathing in the cocktail of pollutants often found in indoor air can have a serious impact on your health.

Headaches, breathing problems, a constantly blocked or runny nose, tiredness or unexplained illnesses can all be made worse by inhaling contaminated air.

Meanwhile condensation caused by moisture build-up from washing, bathing and cooking adds to the problems. Condensation not only looks unsightly but can lead to mould, a common culprit behind many illnesses.

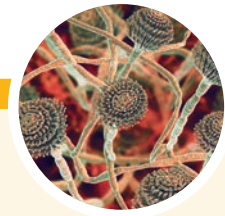
Luckily, it's an easy problem to solve thanks to ATMOS® - the home ventilation system that brings fresh, filtered, clean air into your home.

Before installing ATMOS®

Before installing ATMOS®, your home could be filled with a mixture of:



Condensation
which can lead to unsightly mould



Mould Spores
a common cause of breathing problems



Dust Mites
a trigger for asthma, eczema, and allergies



Chemical Compounds
from household products



Formaldehydes
found in furniture and carpets



Radon
natural radioactive gas causing lung cancer

After installing ATMOS®

Within just 48 hours of installing ATMOS®, you will start to notice the difference to your home.

The benefits of an ATMOS® Home Ventilation System:

- Reduces or eliminates condensation & damp
- Reduces pollutants and allergens
- Eliminates mould
- Stops streaming windows
- Removes musty odours
- Can help ease symptoms for asthma/respiratory sufferers
- Reduces dust mite populations
- Reduces Radon levels
- Can reduce heating costs



An ATMOS® for Every Home

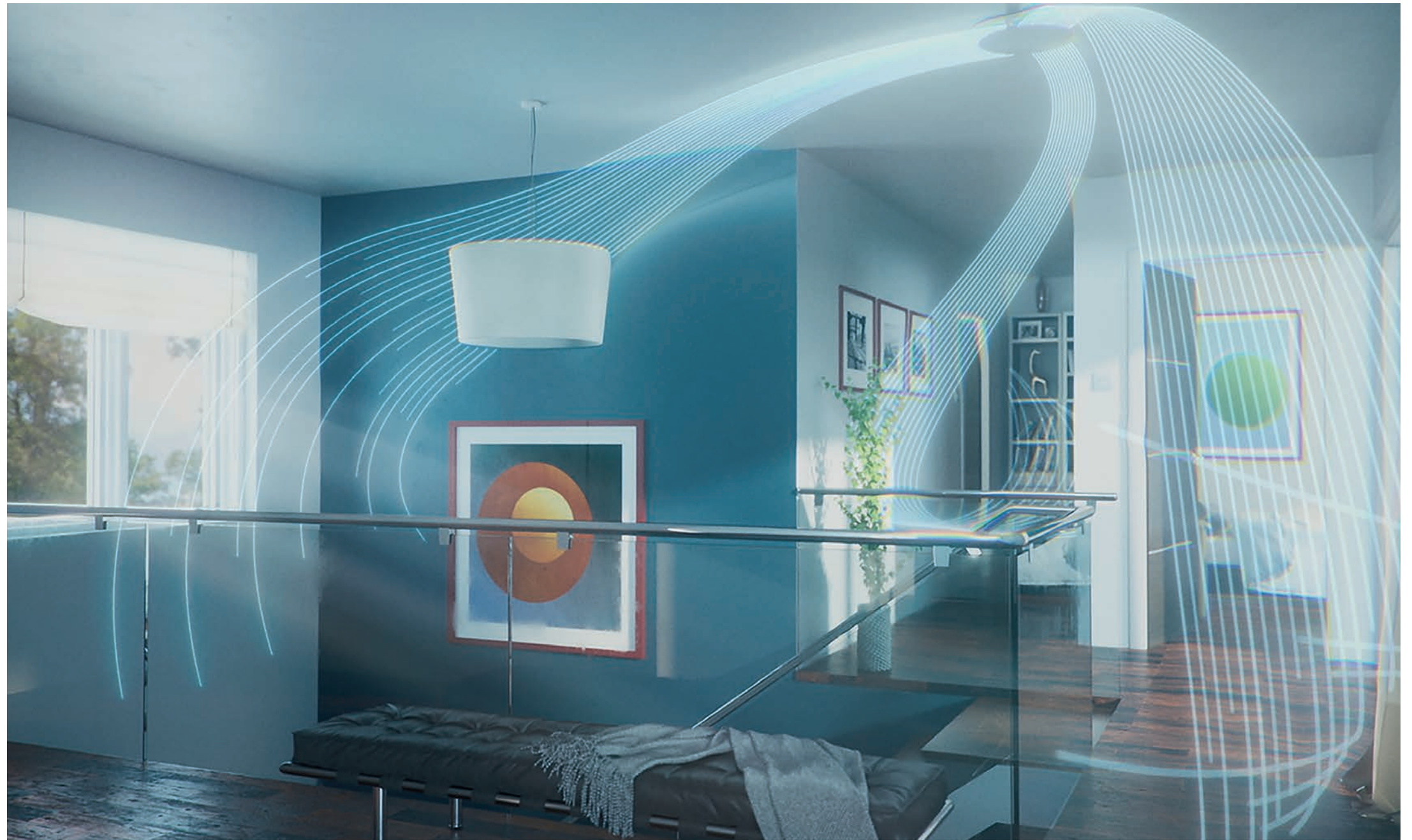
ATMOS® from EnviroVent is a range of PIV units for the home

PIV stands for 'positive input ventilation' which is simply the name given to a ventilation system used to remove condensation and damp from homes.

Invented almost 50 years ago, PIV has been installed into over 1 million homes across the UK.

By drawing in fresh, filtered, clean air from outside, the unit gently ventilates the home from a central position on a landing.

There's a choice of models to suit every property.



ATMOS® ATL / ATL-A / ATL-W

The ATMOS® gently ventilates the home from a central position on a landing. With an intelligent comfort heater built in, the incoming air is not only fresh, but also a comfortable temperature.



ATMOS® AIR ATL-AIR / ATL-AIR-A / ATL-AIR-W

When summer temperatures start to rise, ATMOS® Air helps ventilate a property in the warmer months.

As the temperature in the loft space rises above 25°C, this unit sources colder air from outside. This not only cools the property during warmer weather, but also maintains ventilation continuously throughout the year.



ATMOS® DUAL ATL-D / ATL-AD / ATL-WD

Some homes might need a little extra help to deal with condensation and mould throughout several rooms.

That's where ATMOS® Dual comes in. With two outlets, the unit provides fresh, clean air into multiple areas, even when you have rooms that are not connected to the central hallway.



ATMOS® AIR DUAL ATL-AIR-D / ATL-AIR-AD / ATL-AIR-WD

With two outlets, this model is ideal for homes where there is severe condensation and mould in multiple rooms or in rooms located away from the central hallway.

It's also a great choice for keeping the home ventilated during summer months. When the temperature in the loft hits 25°C, it automatically draws cooler air from outside.



ATMOS® INLINE ATL-I

The ATMOS® Inline units are designed specifically for properties with air restricted loft spaces to draw fresh air from outside throughout the year.



ATMOS® WALL ATF / ATF-A / ATF-W

The ATMOS® Wall is designed to provide whole home ventilation and eradicate condensation from homes without a loft space.

The unit introduces an almost imperceptible air supply throughout the living space to transform a stale atmosphere into a fresh and healthy environment.



ATMOS® App Units

The ATMOS® App units provide full controllability through the myenvirovent App. (Order codes -A)



ATMOS® Remote Control

The ATMOS® units can be controlled with a remote control boost switch to increase the airflow when required. (Order code -W)



The ATMOS® 10-Year Warranty

All products in the ATMOS® range come with our extended 10-year warranty. Any repairs needed within 10 years will be completed free of charge.

All we ask is that you change the filter after five years for ATMOS® Loft units. [Our installers will show you how you can easily do this]. For ATMOS® Wall, filter replacement is required every 12 months. This period may be shorter depending on the environmental conditions. The unit needs to be serviced after 5 years.



ATMOS® Loft Unit

Enjoy fresh,
filtered,
clean indoor
air all year
round

How ATMOS® works?

ATMOS® is a simple yet effective system that replaces contaminated air in your home with fresh, clean air.



Here's how it works:

- 1 Our professional installers position ATMOS® in your loft space.
- 2 A neat hole is cut in the ceiling of your landing and the discreet air vent is placed into position.
- 3 ATMOS® draws clean air from the loft and filters it before pushing it down into the home.
- 4 Fresh, filtered, clean air gently circulates around your home, reducing the pollutants and irritants that cause illness and allergies.
- 5 Humidity levels are also controlled to eliminate condensation and mould.

Once installed, you can simply forget it's there & enjoy the benefits it brings.

- Quiet operation
- Low running costs
- Easy installation
- 10-year warranty
- Permanent solution

Annual Running Costs

Please scan our QR code to see the annual running costs of this product.



Or visit:
[envirovent.com/
annual-running-costs](https://envirovent.com/annual-running-costs)

Energy Saving Benefits

The ATMOS® range is built to last with low energy costs. It can even help reduce heating costs throughout your home.

How does it do this?

The air in your loft space is typically 3°C higher than the air outside. Meanwhile, the air at ceiling level can be up to 7°C higher than the air at ground level. By gently redistributing this warmer air through the rooms of your home, the heat is brought back into your living space, creating a saving on your annual heating costs.

As ATMOS® deals with condensation, you don't have to open windows, so you won't need to turn the heating up to compensate in winter.

A Sustainable Choice

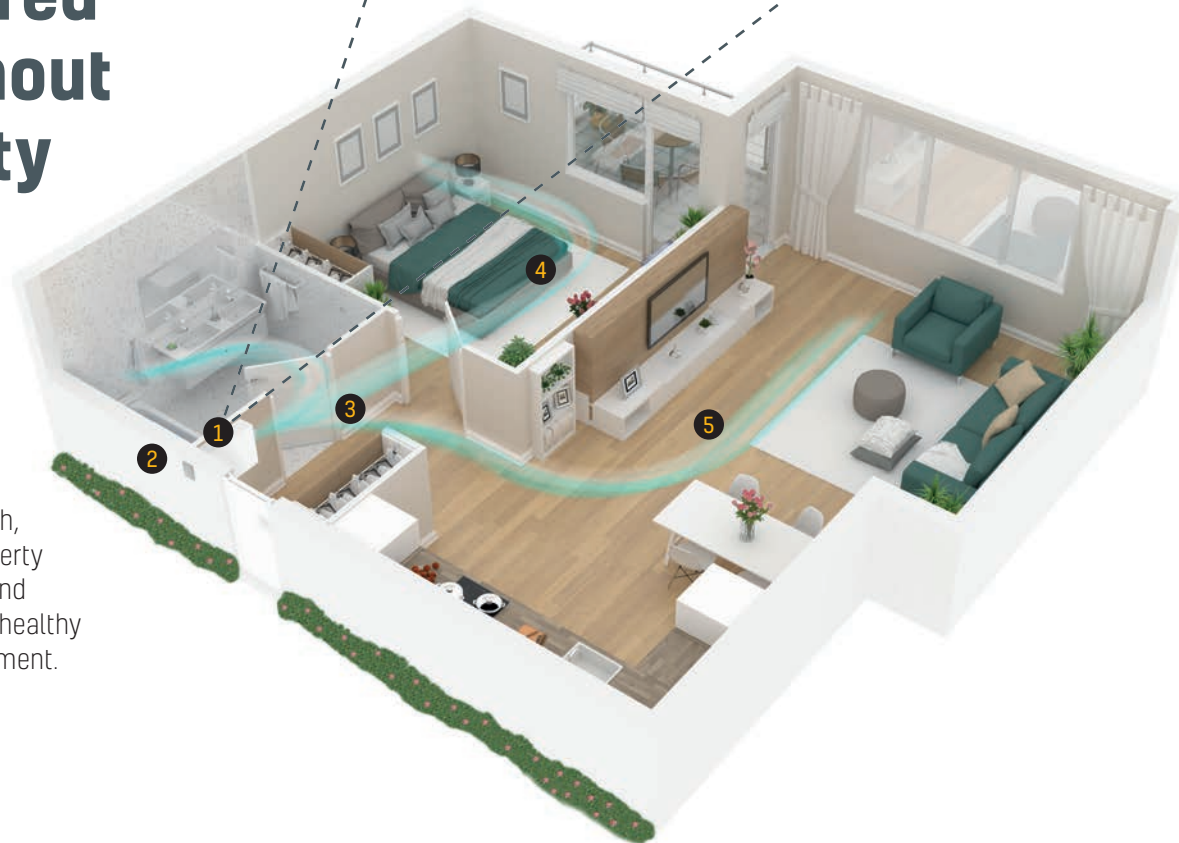
Part of our Lifetime Range® of products, ATMOS® has been designed using sustainable components that can easily be recycled. This means we ensure the plastics used in our products never end up on landfill sites.

ATMOS® WALL for Flats and Apartments

Circulate fresh, filtered air throughout the property

How ATMOS® WALL works?

ATMOS® WALL circulates fresh, filtered air throughout the property and transforms the stagnant and stale atmosphere into a fresh, healthy and condensation free environment.



Here's how it works:

- 1 Our professional installers position ATMOS® WALL in your designated space.
- 2 A neat hole is cut in the exterior of your home and the discreet air vent is placed into position.
- 3 ATMOS® WALL draws clean air from outside and filters it before pushing it down into the home.
- 4 Fresh, filtered, clean air gently circulates around your home, reducing the pollutants and irritants that cause illness and allergies.
- 5 Humidity levels are also controlled to eliminate condensation and mould.

Once installed, you can simply forget it's there & enjoy the benefits it brings.

- Quiet operation
- Low running costs
- Easy installation
- 10-year warranty
- Permanent solution

Annual Running Costs

Please scan our QR code to see the annual running costs of this product.



Or visit:
[envirovent.com/
annual-running-costs](https://envirovent.com/annual-running-costs)

Energy Saving Benefits

The ATMOS® WALL range is built to last with low energy costs. It can even help reduce heating costs throughout your home.

How does it do this?

The ATMOS® WALL draws fresh air into the dwelling from outside and filters it before being delivered into the property. Moisture laden air is diluted, displaced and replaced with clean, tempered and filtered air.

As ATMOS® WALL deals with condensation, you don't have to open windows, so you won't need to turn the heating up to compensate in winter.

A Sustainable Choice

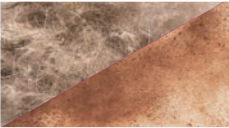
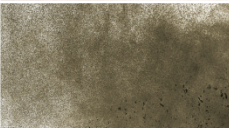


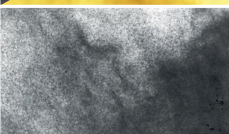
Part of our Lifetime Range® of products, ATMOS® WALL has been designed using sustainable components that can easily be recycled. This means we ensure the plastics used in our products never end up on landfill sites.

Control at your Fingertips

ATMOS® WALL is available in 3 versions. The standard version [ATF] provides fit & forget functionality. Once installed you can leave it to operate autonomously. ATF-W comes with a remote control boost switch to increase the airflow when required and ATF-A provides full controllability through the myenvirovent App.

ATMOS® Filters

All ATMOS® units come with a filter to minimise contaminants entering the home, they reduce allergens such as pollen & improve the overall quality of the air being supplied to the dwelling.

| Filter Classification (ISO 16890) | Description & Usage | |
|--------------------------------------|---|---|
| ISO Coarse 65% | Prevents against particles such as hair, sand, fluff and larger pollen grains. |  |
| ISO ePM10 50% | Our medium grade filter captures stone dust and other lightweight airborne particles. |  |
| ISO ePM2.5 50% | Our finest-grade filter captures small airborne particles, substantially reducing allergens and spores. |  |
| ISO Coarse 65% plus carbon | Larger particle and pollen filter including carbon. These are used to prevent odours and for highly polluted areas. |  |
| ISO ePM2.5 50% plus carbon | Finer particle filter including carbon. These are used to prevent odours and for highly polluted areas. |  |



| ATMOS® LOFT & DUAL* | |
|----------------------------|---------------------------------|
| FILTERPIV-COARSE (Default) | ISO Coarse 65% |
| FILTERPIV-MEDIUM | ISO ePM10 50% |
| FILTERPIV-FINE | ISO ePM2.5 50% |
| FILTERPIV-COARSE+C | ISO Coarse 65% including carbon |

| ATMOS® AIR & AIR DUAL* | |
|------------------------------|----------------|
| FILTERMIVAS-COARSE (Default) | ISO Coarse 65% |

| ATMOS® WALL | |
|-----------------------------|---------------------------------|
| FILTERWALL-MEDIUM (Default) | ISO ePM10 50% |
| FILTERWALL-FINE | ISO ePM2.5 50% |
| FILTERWALL-FINE+C | ISO ePM2.5 50% including carbon |

To see further information on filters used across EnviroVent products and coding information please use the QR code or www.envirovent.com/filters
Please get in touch for pricing and availability.



*For Inline Atmos units, please contact EnviroVent who will provide filter information.

ATMOS® Puts You in Control

Once ATMOS® is installed, you don't have to do a thing – just sit back and enjoy the benefits of fresh, filtered, clean air. But if you do want to take control, we have extras that give you enhanced features and functionality.

A hand holds a smartphone displaying the myenvirovent app. The app screen is yellow with the myenvirovent logo and the text "Revolutionise the way you control your ventilation system" and a "Start" button. A white Wi-Fi symbol is above the phone, and blue concentric circles represent a signal field.

myenvirovent

The **myenvirovent** app gives you complete control of your ATMOS® ventilation system at the touch of a button.

- Filter indicator
- Adjustable boost functionality
- Hours run meter
- Adjustable airflow
- Adjustable heater
- Control summer mode
- Enable or disable the heater
- Use the app with most smartphones

Download on the App Store

ANDROID APP ON Google play

AirSens®

AIR QUALITY SENSORS

For those who like to keep an eye on air quality levels, **AirSens®** provides an easy-to-read colour-coded display, showing the current air quality at any time:

- Red** – Poor air quality
- Amber** – Medium air quality
- Green** – Good air quality

Available in three models, **AirSens®** can detect and control levels of:

- **Carbon Dioxide (CO₂)**
- **Volatile Organic Compounds (VOCs)**
- **Relative Humidity**

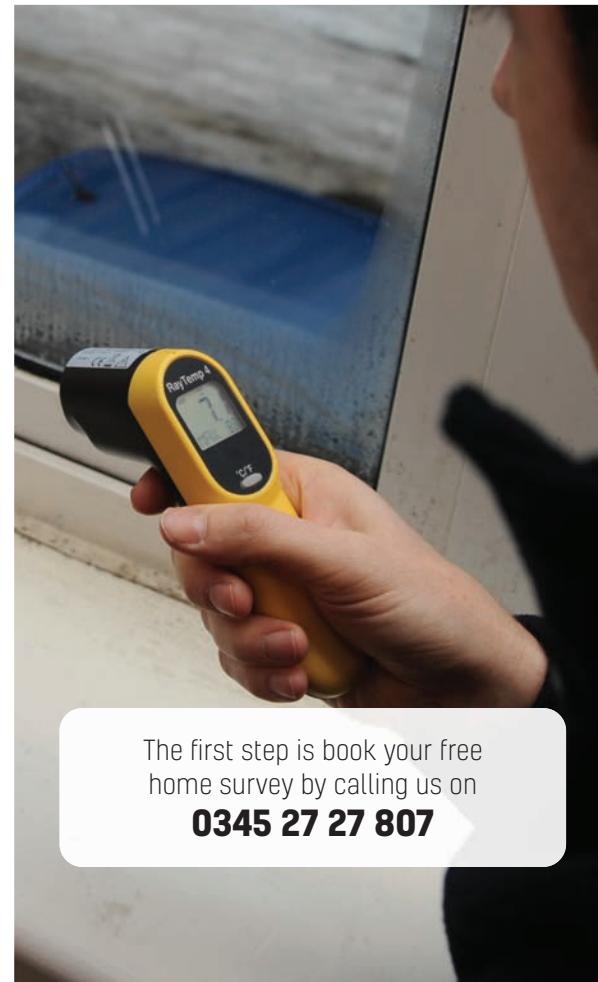
Your ATMOS® unit can be linked directly to the **AirSens®** sensor. This means it reacts automatically to changes in air quality, instantly supplying more fresh air into the property to maintain a healthy environment when needed.

Installation is a Breeze

If you're ready to put an end to condensation and mould for good, we're here to help.

Your local ventilation specialist will carry out a detailed home survey to assess the problems you're currently facing. This includes taking a reading of the relative humidity levels using a hygrometer and ray temp. They will then discuss the best methods for ventilating your home to improve the air quality. They can also show you samples from the range, while answering any questions you may have.

By assessing the air quality and the unique requirements of your property, we'll help you choose the right ATMOS® unit for your home.



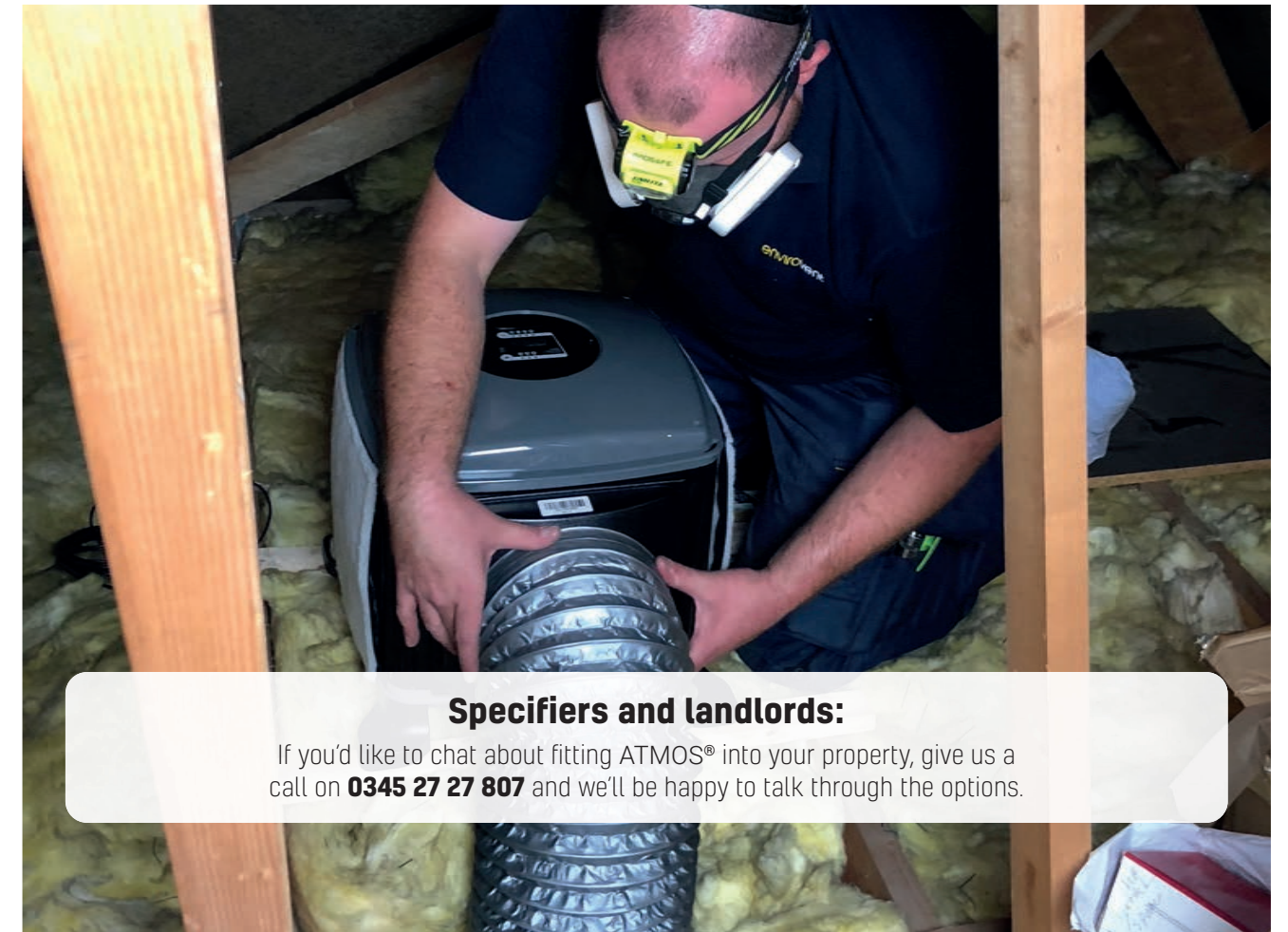
The first step is book your free home survey by calling us on
0345 27 27 807

Once we've identified the best ATMOS® for your home, our professional installers will take care of everything.

Installing ATMOS® typically takes less than two hours. Our installers are considerate, friendly, and tidy. They wear protective shoes and will vacuum the area after the installation.

We'll provide full instructions but once installed, you can just let ATMOS® do its thing while you sit back and enjoy all the benefits of fresh, filtered, clean air.

Call today on **0345 27 27 807** to book your free home survey.



Specifiers and landlords:

If you'd like to chat about fitting ATMOS® into your property, give us a call on **0345 27 27 807** and we'll be happy to talk through the options.

Did You Know?



The average family produces 112 pints of moisture each week through cooking, bathing, ironing and breathing – which can all add to condensation problems.



37% of asthma sufferers and 10% of allergy sufferers see their symptoms worsen in the presence of mould and fungal spores.

[www.asthma.org.uk]



50% of all illnesses are either caused or aggravated by poor indoor air quality.

[New Horizons Project D03 – Technical Report ODPM]



Over 1 million homes across the UK are benefiting from having a positive input ventilation unit installed, making it one of the most popular methods of ventilating homes.



81% of people are at risk of suffering from breathing or skin conditions because of poor air quality inside the home.

[www.myhealthmyhome.com]



The average person spends 90% of their time indoors, 70% of which is in their own home. That's why it's important to create a healthy indoor atmosphere.

[www.epa.gov]

We inhale and exhale approximately 17,000 times a day. By sealing up our homes, we are breathing in a cocktail of contaminants and pollutants.

ATMOS® Loft Units

TECHNICAL SPECIFICATION

Applications

ATMOS®

ATMOS® units supply filtered air from the loft space into a central hallway at a continuous rate via a ceiling mounted diffuser, which comes with two blanking plates to maximise efficiency of airflow and is designed to aid in distribution of heat from ceiling level. The unit provides ventilation in order to improve indoor air quality and resolve condensation related problems taking maximum advantage of the benefits of solar gain from within the loft space.

ATMOS® Air

ATMOS® Air units have an additional facility to draw air from outside during the warmer months when the temperature in the loft space exceeds 25°C. This provides efficient perception cooling into the property and maintains the required level of ventilation continuously throughout the year.

ATMOS® Dual

ATMOS® Dual units supply filtered air from the loft space into multiple areas of a property at a continuous rate via two ceiling mounted diffusers. The system provides ventilation in order to improve indoor air quality and resolve condensation related problems taking maximum advantage of the benefits of solar gain from within the loft space.

ATMOS® Air Dual

ATMOS® Air Dual units supply filtered air from the loft space into multiple areas of a property at a continuous rate via two ceiling mounted diffusers. The system provides ventilation in order to improve indoor air quality and resolve condensation related problems taking maximum advantage of the benefits of solar gain from within the loft space.

Motor

Designed to operate continuously at a pre-set rate, incorporating DC motor technology with sealed for life ball bearings.

Filter

The unit has a synthetic fibre based filter made to ISO Coarse 65% (G4) in accordance with the ISO 16890 standard.

Servicing / Maintenance

Filter change/inspection is required at 5 years. Various service options are available towards the end of the warranty period. The existing unit may remain in position to ensure minimal disruption. Any old components may be returned for recycling.

Standard Functions

Integral 'Intelligent Low Temperature' comfort heater. Designed to temper the air during periods of low external temperatures.

Controls

At installation, the unit will be set by the installer using the integrated control panel to run at one of the 4 fixed speeds (1,2,3,4) depending on the size and occupancy of the property, a variable speed option is also available. The unit will run continuously all year round on this setting. An integral hours run meter is fitted on all units for monitoring of operational life and verification of usage.

Optional controls:

Model ATL-W - These units are supplied with a wireless remote control. The user can view the current status of the unit, increase or decrease the airflow as required and enable/disable the auto comfort heater.

Model ATL-A - These units are app-enabled. Once the user activates the boost switch in the myenvirovent app, the airflow is boosted for 20 minutes (default time period) before returning to the commissioned setting. Other functions within the myenvirovent app include: Airflow setting, Filter change indicator, Hours run meter, Auto comfort heater enable/disable.

0-10V variable control input for use with the AIRSENS is available on both W and A versions.

Warranty

Covered by a 10 year warranty, subject to the completion of specified maintenance.

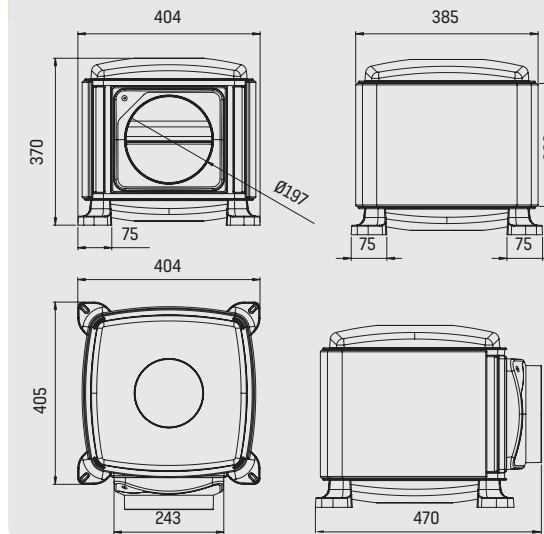
UK Building Regulations

Conforms to the requirements of the UK Building Regulations and the Technical Standards for Ventilation.

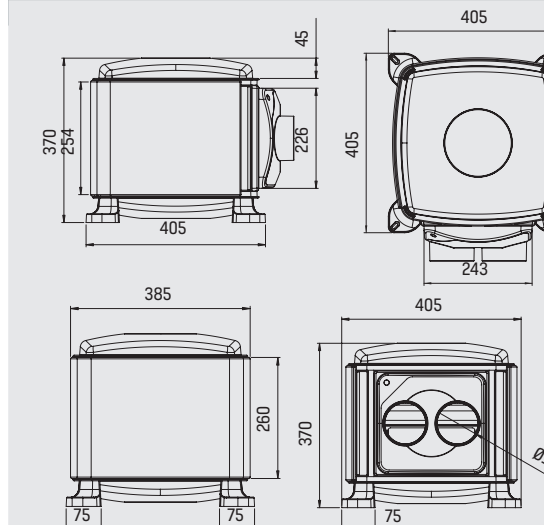
Accreditations

CE and UKCA Marked.

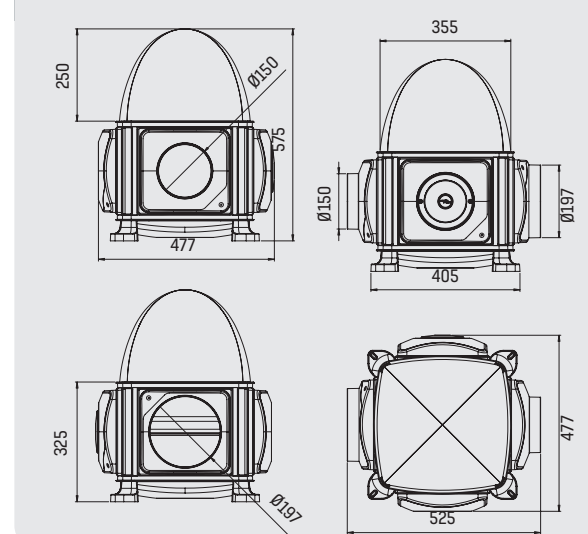
ATMOS® Dimensions [mm]



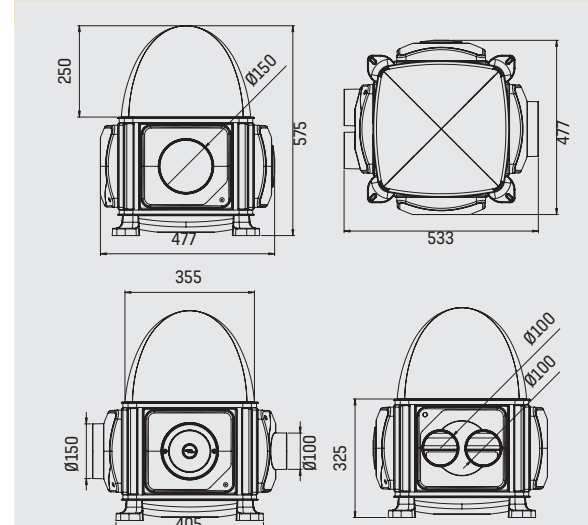
ATMOS® DUAL Dimensions [mm]



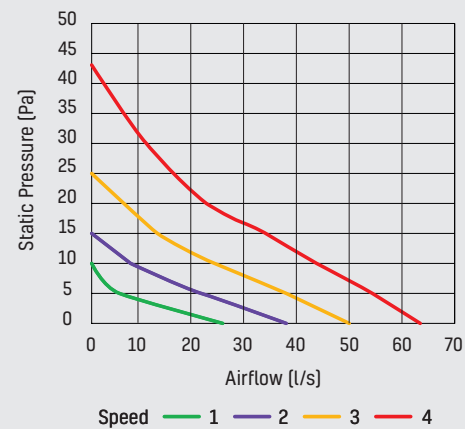
ATMOS® AIR Dimensions [mm]



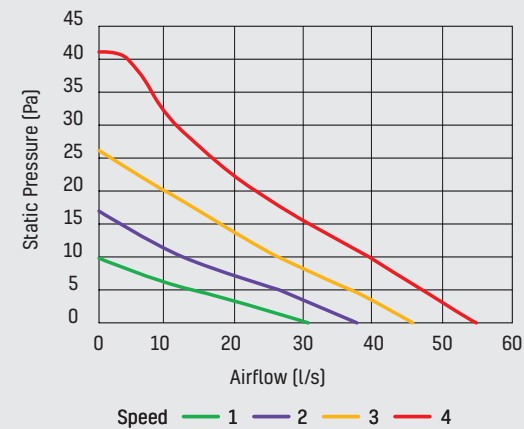
ATMOS® AIR DUAL Dimensions [mm]



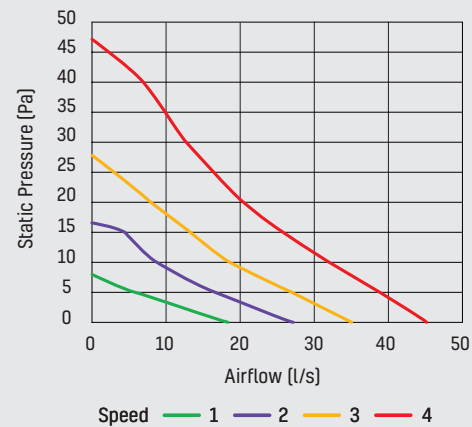
ATMOS® Performance Curve



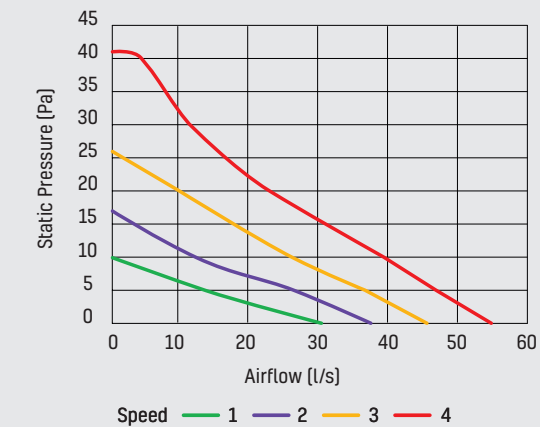
ATMOS® AIR Performance Curve



ATMOS® DUAL Performance Curve



ATMOS® AIR DUAL Performance Curve



ATMOS® WALL

Applications

The ATMOS® wall mounted unit is manufactured in the UK and is designed for installation into flats and apartments to meet the Building Regulations Approved Document F.

ATMOS® units supply filtered air from outside into a central location within the property at a continuous rate. Air is supplied via a grille that is designed to maximise the efficiency of airflow. The unit provides ventilation in order to improve indoor air quality and resolve condensation related problems such as damp and mould.

Motor

Designed to operate continuously at a pre-set rate, incorporating DC motor technology with sealed for life ball bearings.

Filter

The unit has an ePM10 50% pleated filter. Optional ePM2.5 50% and Carbon ePM2.5 50% filters available.

Servicing / Maintenance

Filter replacement is required every 12 months. This period may be shorter depending on the environmental conditions. The unit needs to be serviced after 5 years. Any old components may be returned for recycling.

Standard Functions

Integral 'Intelligent Low Temperature' comfort heater. Designed to temper the air during periods of low external temperatures.

Controls

At installation, the unit will be set by the installer using the integrated control panel to run at one of the 4 fixed speeds [1,2,3,4] depending on the size and occupancy of the property, a variable speed option is also available. The unit will run continuously all year round on this setting. An integral hours run meter is fitted on all units for monitoring of operational life and verification of usage.

Optional controls:

Model ATF-W - These units are supplied with a wireless remote control. The user can view the current status of the unit, increase or decrease the airflow as required and enable/disable the auto comfort heater.

Model ATF-A - These units are app-enabled. Once the user activates the boost switch in the myenvirovent app, the airflow is boosted for 20 minutes (default time period) before returning to the commissioned setting. Other functions within the myenvirovent app include: Airflow setting, Filter change indicator, Hours run meter, Auto comfort heater enable/disable.

0-10V variable control input for use with the AirSens® sensor is available on both W and A versions.

Warranty

Covered by a 10 year warranty, subject to the completion of specified maintenance.

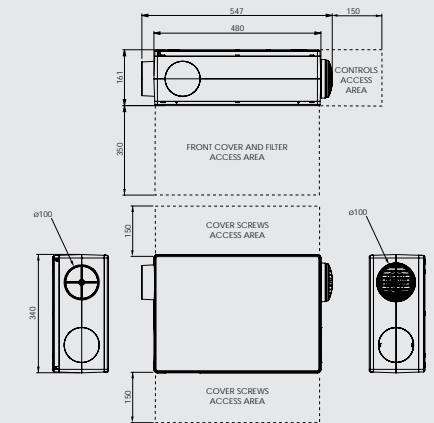
UK Building Regulations

Conforms to the requirements of the UK Building Regulations and the Technical Standards for Ventilation.

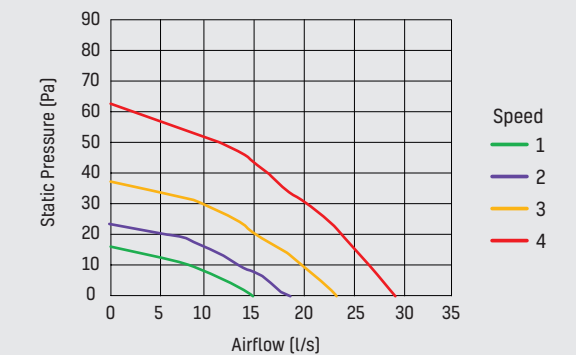
Accreditations

CE and UKCA Marked.

ATMOS® WALL Dimensions (mm)



ATMOS® WALL Performance Curve



ATMOS® Units

PERFORMANCE DATA

ATMOS®

| Incoming Air Temp. [°C] | Fan Speed Setting | Specific Fan Power [SFP] | Airflow [l/s] | Power Usage [W] | Outlet Noise dB(A) @3m |
|-------------------------|-------------------|--------------------------|---------------|-----------------|------------------------|
| <19 | 1 | 0.17 | 21 | 4 | <15 |
| | 2 | 0.15 | 29 | 4 | <15 |
| | 3 | 0.16 | 38 | 6 | <15 |
| | 4 | 0.19 | 49 | 9 | 15 |

ATMOS® AIR

| Incoming Air Temp. [°C] | Fan Speed Setting | Specific Fan Power [SFP] | Airflow [l/s] | Power Usage [W] | Outlet Noise dB(A) @3m |
|-------------------------|-------------------|--------------------------|---------------|-----------------|------------------------|
| <19 | 1 | 0.14 | 22 | 3 | <15 |
| | 2 | 0.14 | 29 | 4 | <15 |
| | 3 | 0.15 | 35 | 5 | <15 |
| | 4 | 0.18 | 43 | 8 | 15 |
| <25 | 1 | 0.28 | 28 | 7.9 | - |
| | 2 | 0.26 | 35 | 9.2 | - |
| | 3 | 0.25 | 44 | 10.9 | - |
| | 4 | 0.27 | 52 | 14 | - |

ATMOS® DUAL

| Incoming Air Temp. [°C] | Fan Speed Setting | Specific Fan Power [SFP] | Airflow [l/s] | Power Usage [W] (4) | Outlet Noise dB(A) @3m |
|-------------------------|-------------------|--------------------------|---------------|---------------------|------------------------|
| <19 (1) (2) | 1 | 0.24 | 15 | 4 | <15 |
| | 2 | 0.22 | 20 | 4 | <15 |
| | 3 | 0.21 | 26 | 6 | <15 |
| | 4 | 0.25 | 34 | 9 | <15 |

ATMOS® AIR DUAL

| Incoming Air Temp. [°C] | Fan Speed Setting | Specific Fan Power [SFP] | Airflow [l/s] | Power Usage [W] | Outlet Noise dB(A) @3m |
|-------------------------|-------------------|--------------------------|---------------|-----------------|------------------------|
| <19 | 1 | 0.16 | 19 | 3 | <15 |
| | 2 | 0.18 | 24 | 4 | <15 |
| | 3 | 0.23 | 30 | 7 | <15 |
| | 4 | 0.31 | 36 | 11 | 15 |
| <25 | 1 | 0.28 | 26 | 7.3 | - |
| | 2 | 0.31 | 32 | 9.8 | - |
| | 3 | 0.33 | 38 | 12.6 | - |
| | 4 | 0.36 | 44 | 15.7 | - |

ATMOS® WALL

| Incoming Air Temp. [°C] | Fan Speed Setting | Specific Fan Power [SFP] | Airflow [l/s] | Power Usage [W] | Outlet Noise dB(A) @3m |
|-------------------------|-------------------|--------------------------|---------------|-----------------|------------------------|
| <19 | 1 | 0.34 | 12 | 4 | <30 |
| | 2 | 0.30 | 15 | 4.5 | <30 |
| | 3 | 0.30 | 19 | 5.5 | 32 |
| | 4 | 0.33 | 24 | 8 | <40 |

1. Above 19°C the unit increases airflow rates per setting by 10%
2. Power usage with Comfort Heater disabled
3. Data for unit with duct and grilles

Please note: Speed adjusted according to the size, type and occupancy of the property.



envirovent[®]

Leading Manufacturer & Supplier of Innovative & Sustainable Ventilation Systems

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Due to our policy of continuous innovation and improvement, EnviroVent reserves the right to alter products specification and appearance without notice.

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