LOFTVENT
MK2

POSITIVE INPUT VENTILATION

BY envirovent
because your air matters



THE **SOLUTION**
FOR A **HEALTHIER HOME**

Why does ventilation matter?

Protecting Your **Property**, Your **Health**, and Your **Comfort**

Ventilation plays a vital role in maintaining a healthy, comfortable, and durable home. Every day, normal activities such as cooking, showering, drying clothes, and even breathing release moisture into the air.

Without adequate ventilation, this moisture becomes trapped indoors, creating the perfect conditions for condensation and mould growth contributing to poor indoor air quality.

Effective and purpose-designed ventilation helps improve indoor air quality and humidity, helping to protect both the building, and the occupants.



PEOPLE SPEND OVER 90% OF THEIR TIME INDOORS

70% OF WHICH IS IN THEIR OWN HOME

This only highlights the importance of ensuring that every home has sufficient ventilation, so their properties are protected but more importantly so is the occupant's health.



INDOOR POLLUTANT CONCENTRATIONS

can be **2 TO 5** times higher than outdoor levels.

US EPA, Defra Air Quality Expert Group (AQEG)
https://www.epa.gov/report-environment/indoor-air-quality



IN THE UK 2 MILLION

people are living in homes with with significant damp and/or mould

UK Health Security Agency (UKHSA)
https://research.ukhsa.gov.uk/our-research/damp-and-mould/



IN THE UK £1.4 BILLION IS SPENT

treating illnesses linked to cold and damp houses

House of Commons Library
https://commonslibrary.parliament.uk/research-briefings/cbp-9696/

THE SOLUTION

What is Positive Input Ventilation (PIV) and how does it work?

Positive Input Ventilation works by gently supplying a constant flow of filtered air into the home from a central position in a hallway/landing, the air is supplied either from the loft space or directly from outside depending on the chosen model.

The supply of air creates a positive pressure within the property, this dilutes, displaces, and replaces moisture-laden air. This helps keep humidity levels under control so that condensation, mould, and other indoor contaminants are significantly reduced.



PIV is one of the leading ventilation solutions that envirovent® have offered for over 20 years.
Over that time, we have continued to develop our offering to provide the best solutions possible.

INTRODUCING

LOFTVENT MK2

POSITIVE INPUT VENTILATION

envirovent® has been continually refining PIV technology since it was first introduced, this has resulted in one of the most expansive PIV ranges available in the UK market. Loftvent Mk2 has 4 different PIV types all of which have been specifically designed to solve a particular ventilation scenario.

Loftvent Mk2 is designed and manufactured in the UK specifically to provide a whole house supply ventilation system that meets ventilation regulations without having to completely renovate a property.

Loftvent Mk2 has been designed for longevity and engineered to reduce maintenance and life-cycle costs while ensuring minimal energy consumption. It is a BBA approved product with a 3-year warranty giving customer's peace of mind about the products quality and performance.

THE FACTS

3-year warranty

Great solution for retrofit properties

4 different models to suit all property types

THE RESULTS



SAVES MONEY



IMPROVES INDOOR AIR QUALITY



HAPPY RESIDENTS



HELPS REDUCE CONDENSATION & MOULD

LOFTVENT MK2 THE RANGE

The Loftvent Mk2 range has 4 different PIV types, all of them work by gently supplying air into the property. Each type has been specifically designed to make them suitable for particular installation scenarios.



LOFTVENT MK2

Loftvent Mk2 gently ventilates the home from a single central location in a hallway or landing. Filtered air is tempered (through solar gain and built in comfort heater) and supplied into the dwelling to mix with warmer air at ceiling height before being distributed around the property.



LOFTVENT MK2 DUAL

Loftvent Mk2 Dual is a Multiple Input Ventilation (MIV) system, it works in the same way as the Loftvent Mk2 units however, instead of supplying air from one location it supplies air from two. This is ideal for homes with irregular shaped hallways or where air is required to be supplied into a remote habitable room.



LOFTVENT MK2 AIR

A perfect solution for properties in high Radon areas and when summer temperatures start to rise, Loftvent Mk2 Air provides ventilation 365 days a year even in the warmer months. It has an AirSource bypass, which means as the temperature in the loft space rises above 25°C, this unit swaps to source air directly from atmosphere.
This ensures ventilation is supplied continuously all year round.



LOFTVENT MK2 AIR DUAL

This unit combines all the benefits from the Loftvent Mk2 Dual and Loftvent Mk2 Air. It incorporates an AirSource Bypass providing continuous ventilation all year round, as well as supplying air from two separate locations, to ensure even distribution for irregular shaped hallways. This unit is also a great solution for properties in high Radon areas.

All images are for illustration purposes only

LOFTVENT MK2 FEATURES & BENEFITS



Improves Indoor Air Quality
Proven effective way to reduce condensation and mould which are a result of bad indoor air quality. Loftvent Mk2 units help create a healthy living environment for those in the property.

Suitable for many property types
Particularly good for retrofit as installation ducting requirements are minimal.

3-Year Warranty*
Peace of mind for all customers with this extended warranty period. envirovent® will either fix or replace the unit within the 8-year period.

Intelligent Comfort Heater
The intelligent comfort heater ensures that the filtered air entering the property is tempered heater included on selected models.

Helps Prevent Overheating
Loftvent Mk2 and Loftvent Mk2 Dual units have a Summer Shutdown Mode, and Loftvent Mk2 Air and Loftvent Mk2 Air Dual have an AirSource bypass, both reduce the amount of warm air entering the property during periods of hot weather.

*This will depend if the unit has been purchased supply only or supply and fit.

BBA Certified

BBA Approved
Loftvent Mk2 has been fully tested and approved by the BBA ensuring the units performance. Certificates available upon request.

Wireless Models Available

Loftvent Mk2 units have two control options, standard units come with built-in control on the unit. The wireless models come with a wireless remote control that communicates to the unit.

Hours Run Meter

Loftvent Mk2 can display the total time the unit has been running, particularly helpful for landlords.

Professional Installations

envirovent® provide professional installations, giving complete peace of mind that the installation is carried out to the highest standard.

Low Running Costs

Incorporates a low watt DC motor to ensure running costs are kept to a minimum.

Manufactured in the UK

Supporting our local economy, lowering the carbon footprint.

LOFTVENT MK2 FILTERS

Filters are a vital component of any supply ventilation system. They ensure that the air introduced into the home is cleaner, healthier, and reduces the number of harmful pollutants in the property. This helps to create a safer and more comfortable indoor environment.



Improves Indoor Air Quality
Reduces particles such as dust and pollen and pollutants before they enter the living space.



Supports Health and Wellbeing
Reducing the number of harmful pollutants in the property that contribute to illnesses.

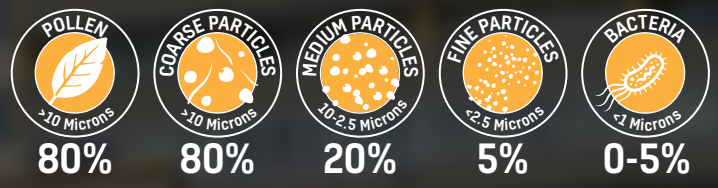


Protects the Ventilation Unit and Maintains System Performance
Prevents build-up of debris within the unit, ensuring efficient airflow and longer product life.



User Friendly and Easy to Install
Simple to fit with easy velcro application.

STANDARD GRADE FILTER FOR THE LOFTVENT MK2 RANGE



80% 80% 20% 5% 0-5%

CAPTURE EFFICIENCY

ISO Coarse 65% (G4)
FILTERPIV-COARSE & FILTERMIVAS-COARSE

Effective filtration against pollen and larger airborne particles, helping to improve indoor air quality. Ideal for homes in rural and low-pollution locations.

OPTIONAL FILTER UPGRADES



65% 65% 20% 0-5% 0-5%

CAPTURE EFFICIENCY

ISO Coarse 65% + Activated Carbon
FILTERANC-COARSE+C

Provides the same filtration performance as the FILTERPIV-COARSE and FILTERMIVAS-COARSE with the added benefit of Activated Carbon to help reduce loft odours entering the property.

ISO COARSE 65% (G4) FILTERPIV-COARSE & FILTERMIVAS-COARSE

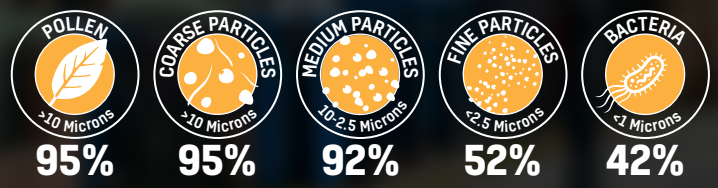


93% 93% 55% 5% 0-5%

CAPTURE EFFICIENCY

ISO ePM10 50% (M5) FILTERANC-MEDI

This filter provides a high level of filtration, it is particularly effective at filtering large and coarse particles as well as medium and fine particles such as fine dust, pollen, spores and larger bacteria.



95% 95% 92% 52% 42%

CAPTURE EFFICIENCY

ISO ePM2.5 50% (M6) FILTERANC-FINE

Our highest-performing PIV filter, designed to capture the finest airborne particles including spores, smoke, fumes and bacteria. Ideal for urban and high-pollution environments.

*Please note that all filters are graded as per the ISO 16890 standards. Different filter options are not available for AirSource and Inline models.

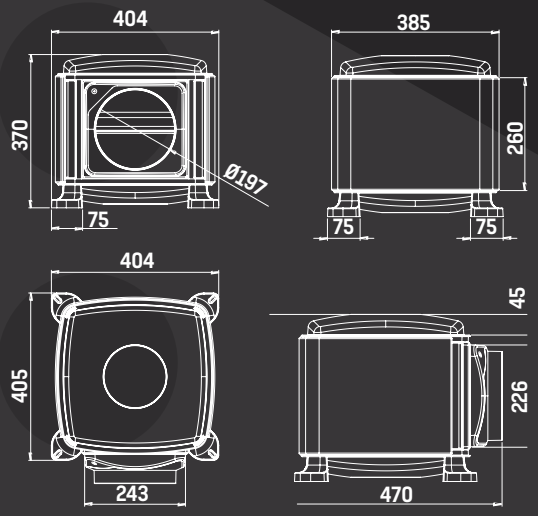
LOFTVENT MK2

PERFORMANCE & SOUND LEVELS

LOFTVENT MK2*

INCOMING AIR TEMP **(˚C)**	FAN SPEED SETTING	SPECIFIC FAN POWER **(SFP)**	AIRFLOW **(l/s)**	Power Usage **(W)** [3]	Outlet Noise dB(A) **@3m**
<19 [1] [2]	1	0.17	21	4	<15
	2	0.15	29	4	<15
	3	0.16	38	6	<15
	4	0.19	49	9	15

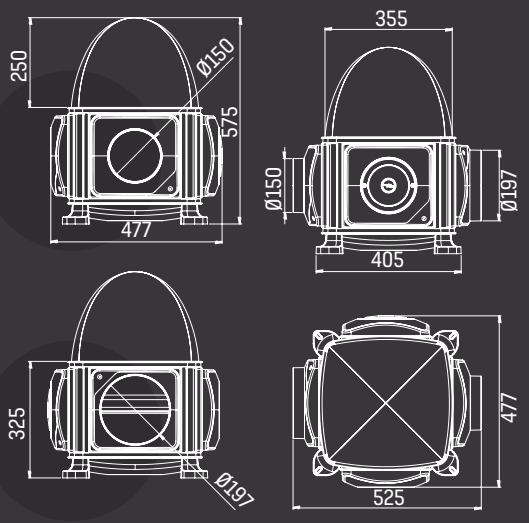
1. Above 19˚C the unit increases airflow rates per setting by 10%
2. The unit switches to Summer Shutdown Mode at air temperatures at or above 25˚C
3. Power usage with Comfort Heater disabled



LOFTVENT MK2 AIR

INCOMING AIR TEMP **(˚C)**	FAN SPEED SETTING	SPECIFIC FAN POWER **(SFP)**	AIRFLOW **(l/s)**	Power Usage **(W)** [3]	Outlet Noise dB(A) **@3m**
<19 [1] [2]	1	0.14	22	3	<15
	2	0.14	29	4	<15
	3	0.15	35	5	<15
	4	0.18	43	8	15

1. Above 19˚C the unit increases airflow rates per setting by 10%
2. The unit switches to AirSource Bypass Mode at air temperatures at or above 25˚C
3. Power usage with Comfort Heater disabled

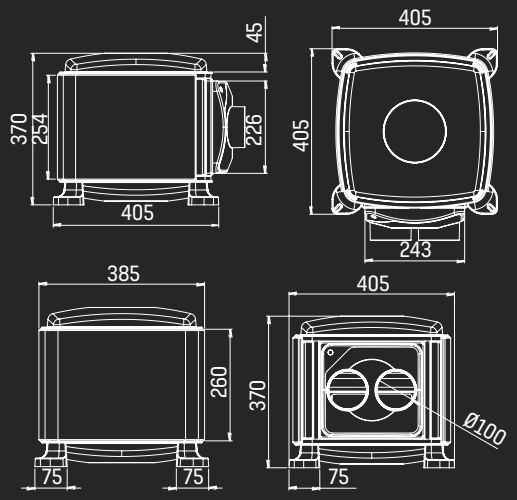


*Wireless models have a higher maximum airflow.

LOFTVENT MK2 DUAL*

INCOMING AIR TEMP **(˚C)**	FAN SPEED SETTING	SPECIFIC FAN POWER **(SFP)**	AIRFLOW **(l/s)**	Power Usage **(W)** [3]	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

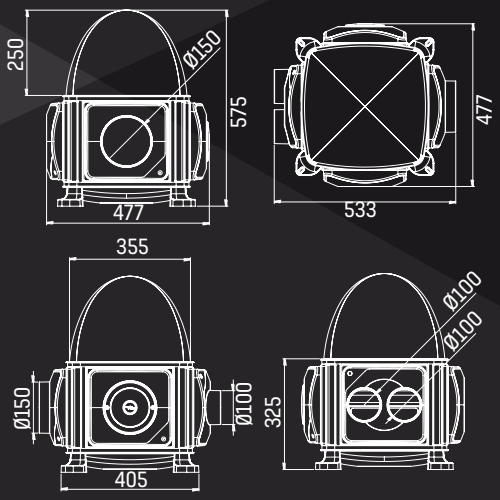
1. Above 19˚C the unit increases airflow rates per setting by 10%
2. The unit switches to Summer Shutdown Mode at air temperatures at or above 25˚C
3. Power usage with Comfort Heater disabled



LOFTVENT MK2 AIR DUAL

INCOMING AIR TEMP **(˚C)**	FAN SPEED SETTING	SPECIFIC FAN POWER **(SFP)**	AIRFLOW **(l/s)**	Power Usage **(W)** [3]	Outlet Noise dB(A) **@3m**
<19 [1] [2]	1	0.16	19	3	<15
	2	0.18	24	4	<15
	3	0.23	30	7	<15
	4	0.31	36	11	<15

1. Above 19˚C the unit increases airflow rates per setting by 10%
2. The unit switches to AirSource Bypass Mode at air temperatures at or above 25˚C
3. Power usage with Comfort Heater disabled



LOFTVENT MK2 PIV JOURNEY AT envirovent

At envirovent®, we make it easy to access industry-leading PIV solutions. Whether you're a contractor, housing provider or homeowner, our service provides high-performance products, expert guidance and ongoing technical support to help ensure a successful installation.

1

Expert Product Selection

envirovent® will help identify the most suitable PIV unit for your property requirements. Our team can provide guidance on product specification, performance and compliance considerations.

2

Fast & Reliable Delivery

Your chosen PIV unit will be supplied directly to site, complete with the necessary documentation, installation instructions and product information to support installation.

3

Technical Support & Extended Warranties

Our technical team remains available to assist with product queries and troubleshooting, while every qualifying unit is backed by envirovent®'s manufacturer warranty for complete peace of mind.



envirovent®
because your air matters

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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.