

**envirovent**®

## **Filterless Extract Fan** Designed to Perform. Built to Last.

WC, Bathroom & Kitchen Fan



# Filterless Fan



EnviroVent has been continuously refining its Filterless Extract Technology since inventing it 20 years ago. Which has reduced social housing landlord's extractor fan maintenance costs by tens of millions of pounds. The Filterless model has been specifically designed and future-proofed to meet the requirements for social housing newbuild homes as whole dwelling ventilation rates increase.

## Guaranteed to Last

The Filterless Fan is designed and manufactured in the UK for the rigours of Social Housing where there is a need to remove moisture and improve indoor air quality for all in the dwelling over the long term with minimal maintenance.

The Filterless Fan has been designed for longevity and engineered with sustainable components to substantially reduce maintenance and life-cycle costs, ensuring minimum energy consumption. Guaranteed to last longer than any other fan with an incredible 5 year no quibble, maintenance-free warranty, the Filterless Fan offers the lowest life-cycle costs on the market.

# 5



no quibble,  
5 year warranty.  
no strings attached.

## the facts

Choose the EnviroVent Filterless Fan and you only need to maintain it every 5 years

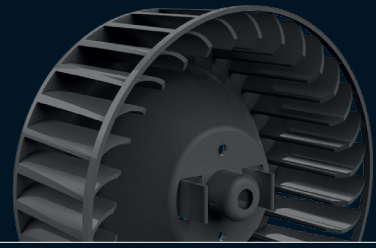
Over the years this technology has been proven to save Social Landlords tens of millions of pounds in fan maintenance costs

No more returning to properties every year to clean and repair clogged fans and dirty filters

## the result



# Features & Benefits



Just some of the reasons why you should choose the Filterless Fan



## Patented cyclone technology

For maximum performance to control moisture and humidity



## Pullcord or wireless boost switch option

Can be switched to boost mode with the use of a pullcord or optional wireless boost switch



## Removable impeller. No filter.

For hassle-free, rapid and safe cleaning



## Quiet running

Eliminates one of the biggest complaints about noisy fans



## Exchangeable cartridge system

Provides the lowest ever lifecycle costs to save housing providers millions of pounds in maintenance and replacement costs: should never end up on a landfill site



## Future-Proofed to Comply

Meets the airflow requirements of a typical dwelling



## Ultra low energy consumption

Long trouble free life, less costs



## Manufactured in the UK

Supporting our local economy, lowering the carbon footprint



## Intellitrac® humidity tracking control

No need for user intervention, the Filterless Fan reacts quietly to reduce high humidity before condensation can start to occur



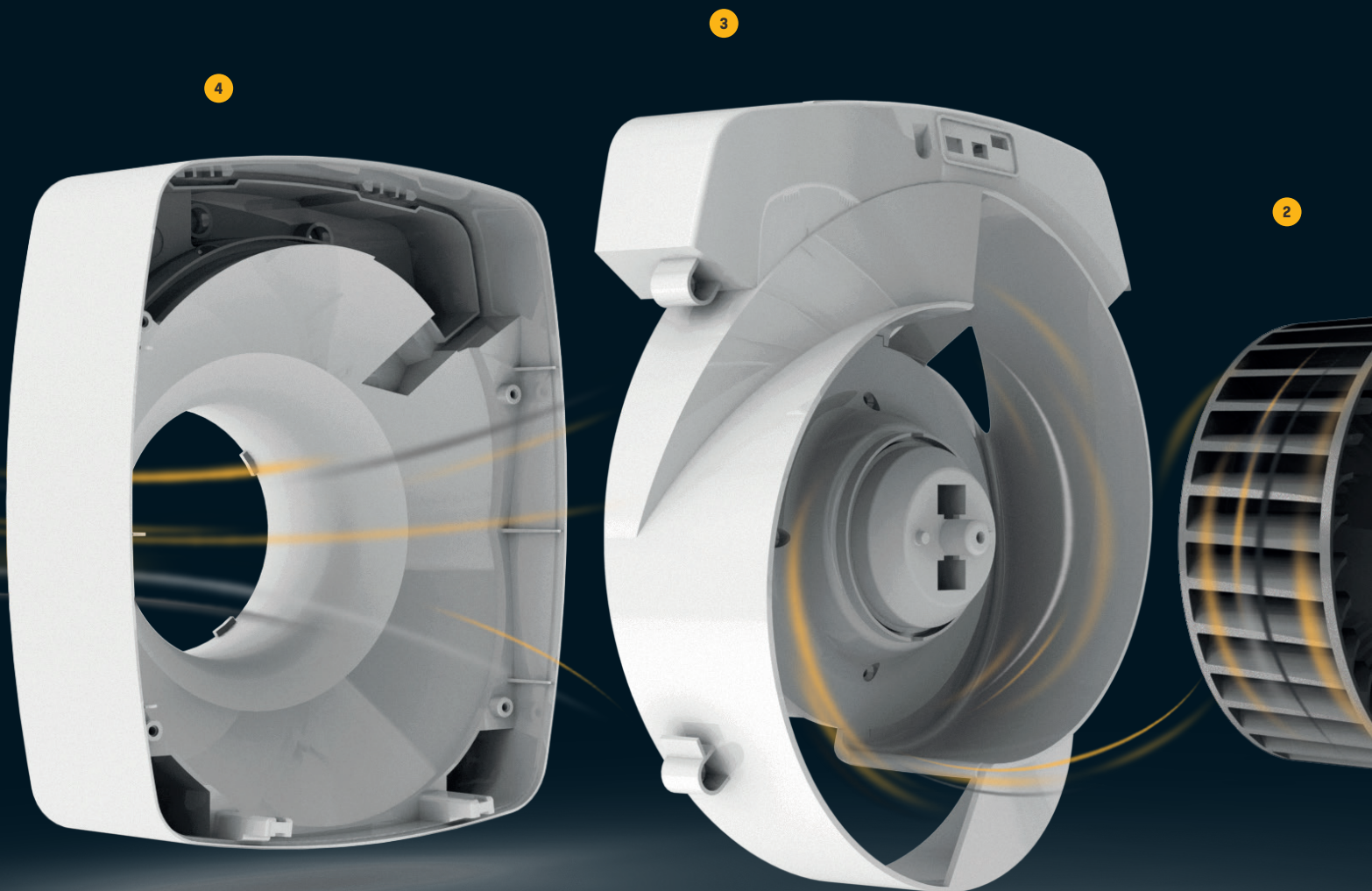
## 5 year renewable warranty\*

High quality for peace of mind, saving time, money and hassle. Reducing the impact on landfill sites too

\*Unit must be in warranty during service and cartridge change.



# Cyclone Technology



## 5 Precision engineered, allowing us to offer a 5 year warranty

We are absolutely confident that we can offer a 5 year no quibble maintenance-free warranty.

Our R&D teams are continually testing and improving this technology to make it perform even better for longer. The stylish front grille allows the air to pass through with the least possible resistance to achieve the quietest performance.

# accept no imitations.

1

## The technology behind the Filterless Fan

EnviroVent's Filterless Extract Fan ensures that all particles, humidity and dust in the air are drawn into the fan and extracted outside the property, without the need for filters that can become clogged. This enables the fan to deliver the maximum of performance to control moisture and humidity using the lowest energy consumption.

- 1 Air is drawn through the front grille
- 2 Air flows through the easy clean impeller
- 3 Air is thrown outwards through a dual powered expansion chamber and allowed to expand out to atmosphere
- 4 Air is expelled through robust rear carcass

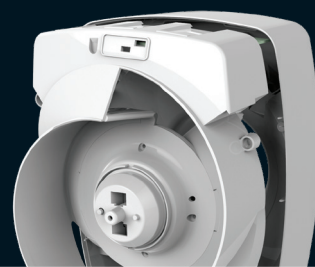
## Intellitrac® vapour tracking

Running continuously on trickle, the Filterless Fan ensures that condensation and high humidity levels are kept at bay. No user intervention is required as the intelligent vapour tracking controls constantly monitor the humidity level.

As this rises and falls, the motor speed rises and falls in direct correlation. This controls condensation both quietly and efficiently, eliminating the problem of noisy extract fans and reducing the periods of time when the fan operates on maximum speed, saving energy.







## One Fan Fits All

The Filterless Fan is ideal for WC, bathroom, kitchen and utility room installations, delivering high performance extract ventilation to meet the building regulations and beyond.

From simple through the wall installations, window installations and ceiling installations, the Filterless Fan fits all with the use of easy to install accessory kits.

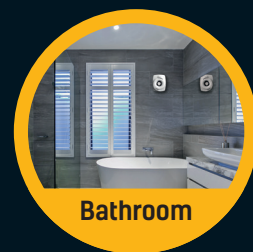
For extra safety in bathrooms, a low voltage version is available.



WC



Kitchen



Bathroom



Utility Room

## Installation-Friendly

The Filterless Fan has also been designed for the easiest installation ever:

IP rated cable  
entry socket

Easy commissioning

An IPX4 sealed chamber  
housing all electronics

The SELV version is  
supplied with a power  
supply unit incorporating  
a fixed fuse spur



Wall



Ceiling



Window



## Filter-free and fuss-free cleaning

### 4 step cleaning couldn't be simpler or safer:

There is a small magnet which deactivates the fan as soon as the front cover is removed. Once the cover is replaced the fan will continue to run as normal.

**1** Remove the front cover



**2** Clip out the impeller and wipe the fan clean



**3** Wash the impeller in a sink\*\*



**4** Replace impeller and front cover

#### Airflow Performance\* - 230V

Settings	Power (W)	Duty (l/s)
Bathroom Trickle*	3	14
Bathroom Trickle+	4	21
Bathroom Boost*	14	41
Kitchen Trickle	3	19
Kitchen Trickle+	4	22
Kitchen Boost	30	55

#### Airflow Performance\* - SELV

Settings	Power (W)	Duty (l/s)
Bathroom Boost*	14	37
Bathroom Trickle	3	14
Bathroom Trickle+	4	21

\*Performance under free air condition (0Pa)

## Running Costs

### Bathroom & kitchen

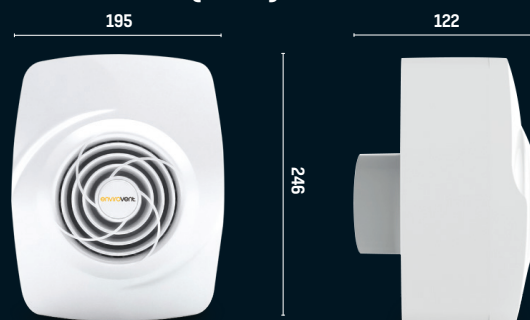
Please scan our QR code to see the **annual running costs** of this product.



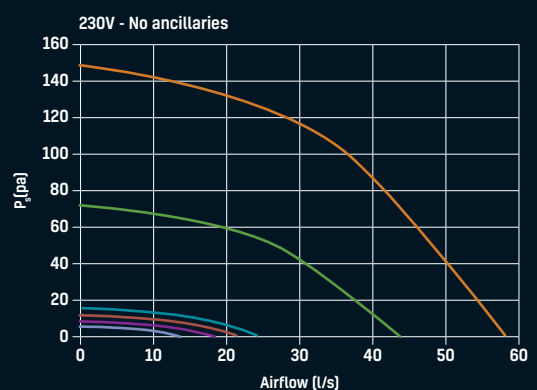
Or visit:  
[envirovent.com/annual-running-costs](https://envirovent.com/annual-running-costs)

## Technical data

### Dimensions (mm)

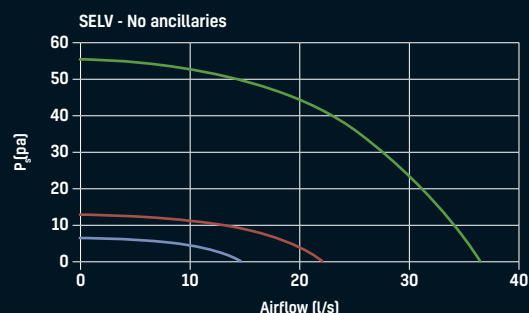


### Performance Curve



#### KEY

— Kitchen Trickle  
— Kitchen Boost  
— Bathroom Trickle Plus  
— Kitchen Trickle Plus  
— Bathroom Boost



#### KEY

— Bathroom Boost  
— Bathroom Trickle Plus  
— Bathroom Trickle

## Models

MODELS	DESCRIPTION
EFHT2S-230V+	230V version with intellitrac® & pullcord
EFHT2S-SELV+	SELV version with intellitrac® & pullcord

For other models, please contact EnviroVent on 01423 810 810.

## Accessories

The Filterless Fan is available in 230V or SELV format and can be wall, window or ceiling mounted with the use of the below kits.

ACCESSORIES	DESCRIPTION
1RDEFWAK	Wall kit
1ACEFCMBR	Ceiling mounting kit
EFWIK230V	230V window kit
EFWIK12V	SELV window kit

\*\*Always refer to the installation instructions before carrying out maintenance.



# envirovent®

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and sustainable ventilation

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