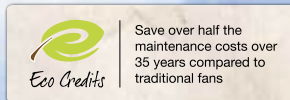


Filterless Infinity Fan

WC, Bathroom & Kitchen Fan



NEW



Guaranteed for longer than any other fan

The Filterless Infinity Fan is designed and manufactured in the UK specifically 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. Guaranteed for longer than any other fan with an incredible 7 year no, quibble, maintenance-free warranty, the Filterless Infinity Fan offers the lowest life-cycle costs ever!

- Precision engineered, allowing us to offer a 7 year guarantee

We are absolutely confident that we can offer a 7 year no quibble maintenance-free warranty because we have been running an accelerated life test programme for nearly 10 years on the Infinity's predecessor – the original EnviroVent Filterless Fan - without a single breakdown.

Our R&D teams are continually testing and improving this technology to make it perform even better for longer. Following extensive testing and research we have further engineered the airflow of the Filterless Infinity with exact precision to achieve the optimal efficiency out of the highest quality bearings. The stylish new front grille allows the air to pass through with the least possible resistance to achieve the quietest performance.

- Intelligent Vapour Tracking

Running continuously on trickle, the Filterless Infinity 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 average humidity. 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.



Ensures the lowest energy usage and quietly controls condensation

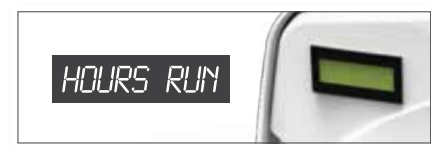
- One Fan Fits All

Ideal for bathrooms, kitchens, WCs and from simple through the wall installations, to ceiling, window and inline installations, the Filterless Infinity fits all with the use of easy to install accessory kits.



- Usage Meter As Standard

This is built into the central cartridge as standard to enable landlords to monitor operational life



- Installation Friendly

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

IP66 rated cable entry sockets accessible through all points of the compass

IP66

An IPX4 sealed chamber housing all electronics

IPX4

No complicated selection switches for commissioning



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



About

EnviroVent has been continually refining Filterless extract technology since it invented it 10 years ago, which has reduced social housing landlord's extractor fan maintenance costs by tens of millions of pounds. EnviroVent is now proud to launch its latest innovation – the Filterless Infinity.

features & benefits

- Unique patented cartridge system
- Filterless technology
- Ultra Low Watt motor technology
- Patented helical power expansion chamber
- Automatic vapour tracking function
- SELV models available
- On-going 7 year guarantee
- Fan for life
- Versatile and flexible
- Ideal for all applications
- Environmentally friendly
- Low maintenance
- Low life-cycle costings
- Spectacular performance
- Designed for the life of the building
- Easy to clean
- Whisper quiet running



The Filterless Infinity Fan is manufactured in Harrogate, United Kingdom.



This product is supplied with a seven year maintenance free warranty.



The Filterless Infinity Fan is packed full of innovative features. Scan the QR code to find out what they are...

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.

01

Remove the front cover



02

Clip out the impeller and wipe the fan clean



03

Wash the impeller in a sink

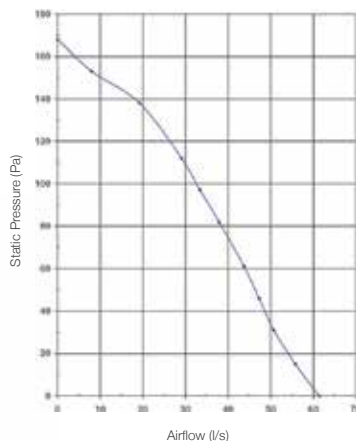


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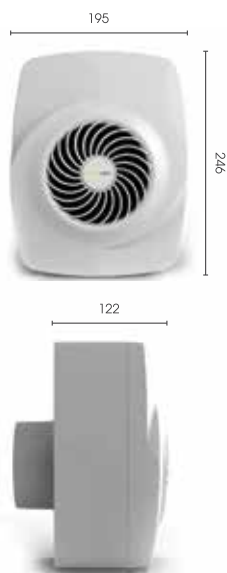
Replace impeller and front cover



Performance Curve



Dimensions (mm)



Annual Running Costs

All costs are based on an electricity cost of £0.15 per unit (kWh). These calculations must be used as a guide only.

Setting	Watts	Hours Run Per Day	Energy Cost P/A (£)	Total Energy Cost P/A (£)
Background trickle	1	22	1.20	1.97
Bathroom on boost	7	2	0.77	
Kitchen on boost	26	2	2.85	4.05

Technical Specifications

Product

Innovative centrifugal extract fan unit which has been designed to deliver the lowest possible maintenance, the lowest long term life-cycle costs and the lowest energy costs.

Application Suitability

Can be wall, ceiling, window or duct mounted to meet the Building Regulations - Part F. The one fan will ventilate any domestic kitchen, utility room or bathroom and is supplied in a 230V or SELV format.

Performance & Sound Levels

Duty (l/s)	Power (W)	Sound dB(A) @ 3m
15	1	30.8
35	7	36
60	26	46.2

Motor

Incorporates the Ultra Low Watt EC motor technology with sealed for life ball bearings designed to operate continuously at a pre-set 'background' rate.

Fan

The fan is of filterless technology for ease of maintenance/cleaning. Forward curved centrifugal fan to provide increased airflow. The fan will allow a smooth uninterrupted flow of contaminated air through the fan scroll to atmosphere, without the need for filtration.

Servicing / Maintenance

Achieved by removal/exchange/replacement of central cartridge. Rear carcass remains in position ensuring minimal disruption to occupier and no electrical competence or redecoration required. The fan can be cleaned by removing the quick release impeller.

Guarantee

Covered by an on-going, repeatable 7 year warranty, subject to the completion of specified maintenance.

Controls

Continuous running 2-speed* filterless fan with integral variable speed humidity tracking system. The fan should have either a pullcord override or optional wireless boost for odour control.

Wiring

The fan is pre-wired with 1 metre of flexible cable to speed up installation. On the SELV version the fan is pre-wired with 5 metres of remote pullcord cable and provided with a short length of low voltage cable.

Accreditations

BEAB
CE

*Low voltage version for the SELV

Options & Ancillaries

Description	Code(s)
Remote Pullcord	EFHTCM-RC
Remote Wall Switch	EFHTCM-WS
Wall Mounted Kit	1RD EFWAK
Ceiling Mounted Kit	1AC EFCMBR
Window Fixing Kit (230V)	EFWK230V
Window Fixing Kit (SELV)	EFWK12V
In-line Fixing Kit	EFIL-WIK

Your Requirements

The Filterless Infinity is available in 230V or SELV format and can be wall, window, ceiling, in-line or panel mounted with the use of the below kits. Please contact us to obtain your unique customer order code.



Our Filterless Extract Fans have been tested vigorously on accelerated life tests. Scan the QR code to find out more...



There are now 5.4 million asthma sufferers in the UK of which 1 in 11 are children. Turn to page 30 to find out how PIV can help to reduce the triggers which in turn may help to alleviate symptoms.

envirovent

Filterless Infinity Fan