

# WINDOW FRAME FAN

## Kitchen and Bathroom Fan

### About The WINDOW FRAME FAN (WFF)

Part of the RHL Heritage range of ventilation products, the WINDOW FRAME FAN (WFF) is of slim design, fits onto the window head and extracts through the window vent so is discrete, unobtrusive and secure. It is an ideal solution where no external appearance of a fan or grille is allowed and can be used in new buildings or retro fitted. The WFF fan continuously extracts quietly, removing humidity and stale air from the whole house and in particular from bathrooms and kitchens.

It is recommended as a safe solution for the installation of window fans in high rise living accommodation or "difficult to reach" places, as it does not require there to be external access for the initial fan installation or maintenance and all works are carried out from the interior of the building.

The fan incorporates a powerful 8 watt brushless long life energy efficient motor specifically designed for continuous extract. The operation of the fan is fully automatic and no user adjustment is required. A remote AUTOSTAT with pull cord override is available as an additional option.



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**The WINDOW FRAME FAN improves the carbon footprint.**

The WFF is available as standard as a 240V fan with the option of a 12V remote transformer for use in bathrooms and wet rooms. When installed in the bathroom and kitchen it provides a comprehensive whole house ventilation solution and offers the optimal extraction for the dwelling whilst conforming to Building Regulation Part F1

### Features and Benefits:

- The WFF is slim line design and fits onto the window header adjacent to the horizontal window reveal, The fascia body of the fan overlaps the passive vent port so provides a discrete and unobtrusive solution.
- The WFF is suitable for installation both in the kitchen and bathroom simplifying the complete installation and maintenance process
- The fan is fitted from the inside making this a safe solution for high rise or difficult to reach installations
- As the fan is not integrated into the window but positioned and attached onto the window head, it can simply be unscrewed and replaced
- As a continuous extract system it improves the dynamic insulation properties of the building saving on the carbon footprint
- There is no opportunity for an intruder to remove the fan and lean through to undo the window catch.
- For builders, the building can be completed and the fans installed by the electrician at a later date
- Incorporates an energy efficient brushless motor which is effective and quiet:
- The remote AUTOSTAT (humidity controller) is perfectly in tune with normal living conditions and;
  - ◊ Responds to changes (and uniquely, small changes) in air humidity requiring no manual adjustment to retain the air quality in your home
  - ◊ Incorporates a data-logger that captures humidity, temperature and fan operation providing details on the dwelling air quality for improved condensation control management
- An remote 12V SELV transformer is included as standard in the WFFB (the preferred option for wet environments)
- Produces up to 90m<sup>3</sup>/h of air flow thereby conforming to building regulations part F
- 5 year guarantee giving peace of mind

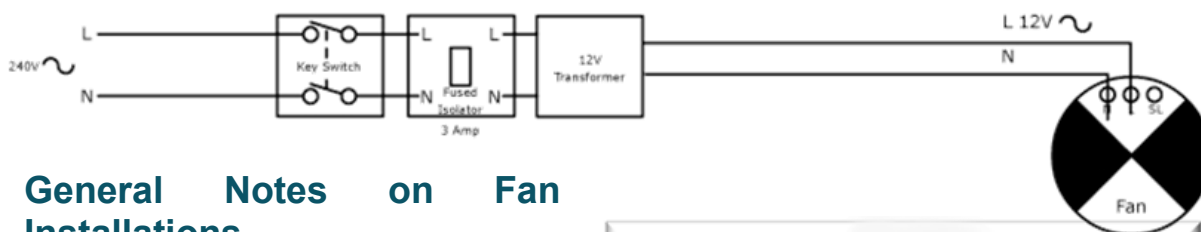
### What is the RHL HERITAGE RANGE:

The Heritage range comprises a range of products that are elegant and an ideal solution for conservation/heritage areas where no external appearance of a fan or grille is permitted. They provide additional security by design and typically are exceptionally easy and safe to install in difficult to reach locations or high rise buildings.

## Window frame fan options

Item	Part No.	Kit Contents
Window Frame Fan	<b>WFF</b>	Slim Line Fan with window frame fixings,
Window Frame Fan 12V	<b>WFF12</b>	Slim Line Fan with window frame fixings, remote 12V transformer
AUTOSTAT	<b>AUTOSTAT IV 240V</b>	240 Autostat—Humidity controller
AUTOSTAT	<b>AUTOSTAT IV 12V</b>	12 Autostat—Humidity controller
Hi Rise Anti-draft Cowl	Vent Cowl HR	External vent cowl

## WINDOW FRAME FAN wiring

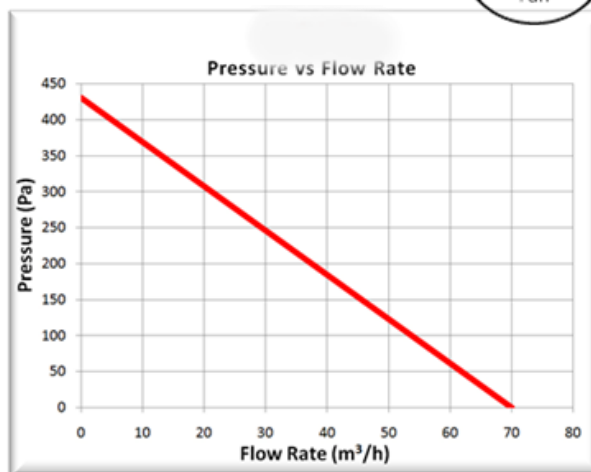


### General Notes on Fan Installations

The fan position should be as far as practical from the main source of air replacement. This is to avoid short-circuiting of the airflow.

If using the optional remote AUTOSTAT this should be positioned 100mm down from the ceiling on an internal wall and not above a heat source. Optimally located to sense moisture sources.

For more information, please contact us or see our website for product details and a detailed installation guide.



### And for the Specifier.....

The WFF window frame Fan is installed onto passive vent slop located at the top of the Kitchen/ Bathroom window frame. The fan will include a dc brushless motor capable of extracting 76m<sup>3</sup>/h @ 80Pa of not more than 8 watts and IP 54. The fan can be remote switched or Autostat humidity control, 12 v remote transformer option

Product	POWER				
	Max Air Flow m <sup>3</sup> /h	Fan Input (watts)	Static Pressure (Pa)	Noise (dB(A))	Exhaust Spigot Size (mm)
WFF	90/45	8	425	35/28	120 x 20