

GENIE EXTRACT FANS

LOW MAINTENANCE, EXTRACT FANS.



BENEFITS

MEETS REGULATIONS

Complies with Building Regulations.

EXTREMELY QUIET

Utilising market leading AC motors to produce the quietest of AC fans.

QUICK & EASY INSTALLATION AND MAINTENANCE

Clip in push fit components ensure reduced time on site.

ECONOMICAL

Low running costs.

COMPLETE USER SAFETY

Flame retardant construction and Genie 12V model is IPX4 rated.

WIDE RANGE OF OPTIONS

Range is ideal for all applications including bathroom, en-suite kitchen and utility areas. Available in 230v or 12v with choice of controls.

FLEXIBLE SOLUTION

Mount anywhere. Install in the wall, ceiling or window. Low profile recess option is also available (Window kit code – WINKIT).

EASY TO CLEAN

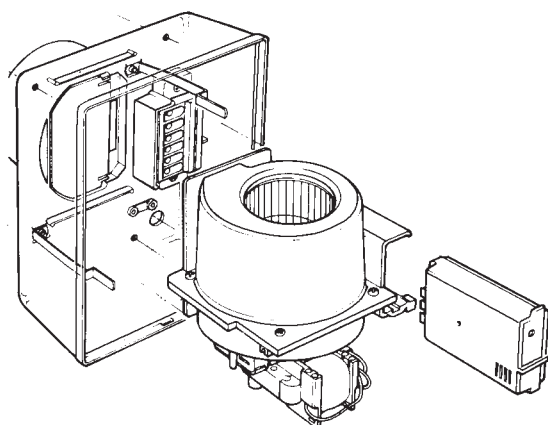
Simply remove filter and wash in warm soapy water.

WARRANTY

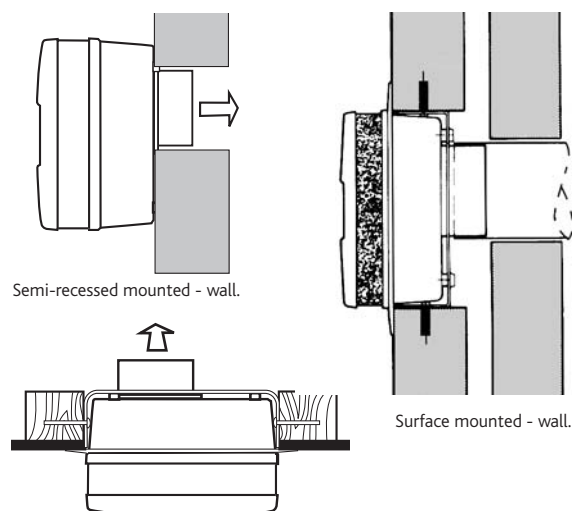
5 year warranty for peace of mind.



Easily removed plug-in control module.



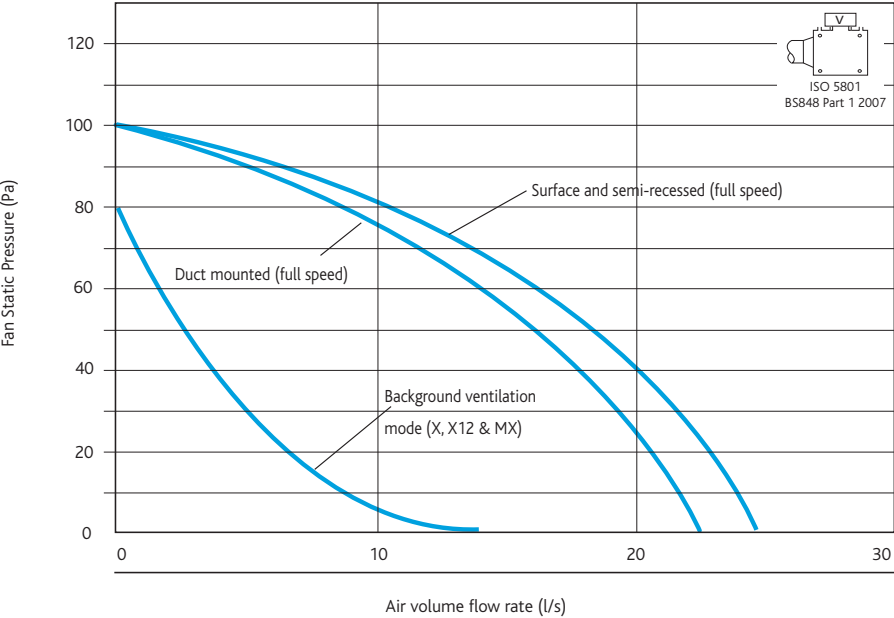
MOUNTING OPTIONS



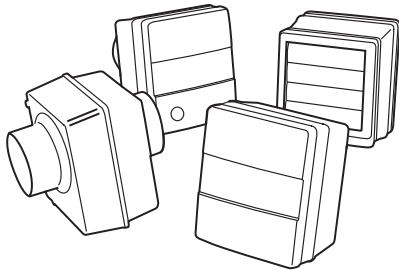
Semi-recessed mounted - ceiling.

PERFORMANCE GENIE EXTRACT FANS

Genie Extract Fans



Casing



Note: see window kit for window version.

Code descriptions

GENIE H - 12

- 1

2

3
1. Genie range

2. Control function

3. Voltage

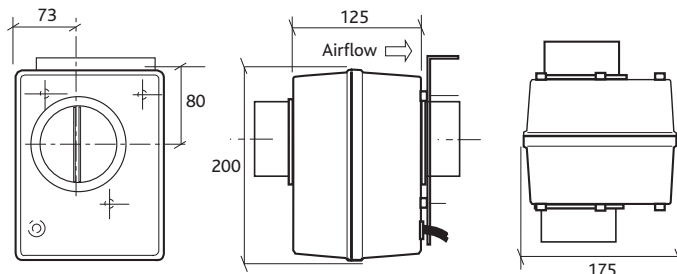
GENIE FANS - RANGE AND CONTROL FUNCTION

Code	dB(A)@3m	Mounting type	Operating voltage	Control function
GENIE	30	surface	230	on/off control via light switch link or remote fan switch (by others), or integral pullcord (no pullcord on M unit).
GENIE - S	30	surface	230	on/off control via light switch link or remote fan switch (by others) with adjustable run-on timer (5–30 mins.)
GENIE - S12	30	surface	12	
GENIE - MS	30	duct	230	
GENIE - H	30	surface	230	on/off control via light switch link or remote fan switch (by others) or via integral pull cord with automatic override by integral adjustable humidistat.
GENIE - H12	30	surface	12	
*GENIE - X	30	surface	230	continuous background ventilation at imperceptible noise level with boost duty activated via light switch or remote fan switch (by others) or integral pullcord (no pullcord on MX units).
*GENIE - X12	30	surface	12	
*GENIE - MX	30	duct	230	
*GENIE - XH	30	surface	230	universal fan, continuous ventilation with boost via integral humidistat, pull cord or light switch (by others).
*GENIE - XH12	30	surface	12	universal fan, 12V continuous ventilation with boost via integral humidistat, pull cord or light switch (by others). Purpose made transformer.
GENIE - PIR	30	surface	230	on/off control via integral occupancy sensor with adjustable run on timer (5–30 mins.).

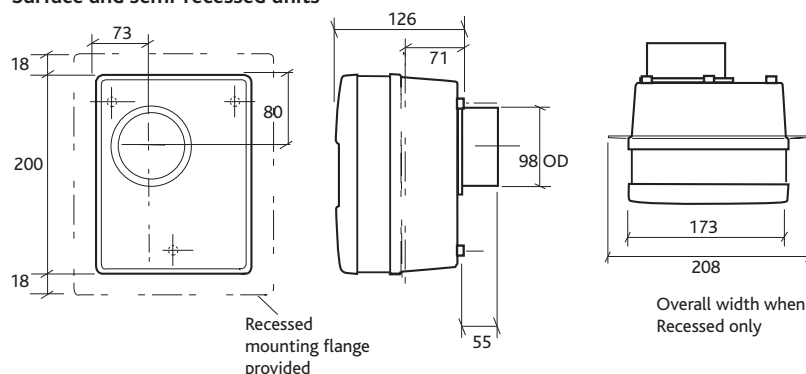
*Recommended for optimum humidity and odour control.
Note: Code for Genie Window kit is WinKit.

DIMENSIONS (MM)

Duct mounted unit



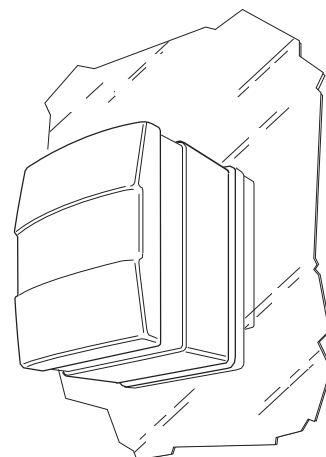
Surface and semi-recessed units



WINDOW MOUNTING

The window mounting kit is designed for mounting the unit into windows 4mm to 32mm thick using a 125mm dia hole.

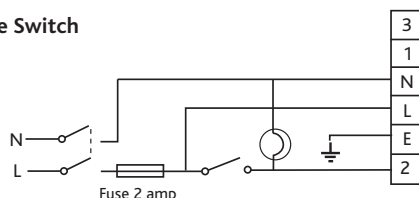
For further information please refer to Installation document 671182.



WIRING - GENIE SURFACE MOUNTED FANS

230V units via Remote Switch

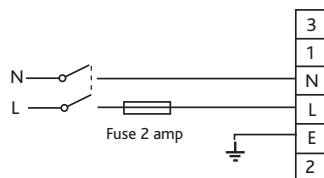
GENIE
GENIE - S
GENIE - H
GENIE - X
GENIE - XH



The switched Live signal to terminal 2 must be at 230V to enable the fan and at 0V to stop the fan after the adjustable timed overrun period. Induced voltages in the switched live field wiring can keep the unit running.

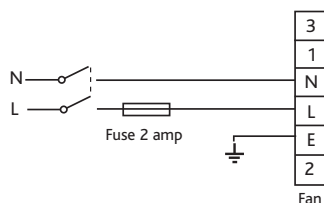
230V units via Pullcord

GENIE
GENIE - H
GENIE - X
GENIE - XH



230V units via PIR

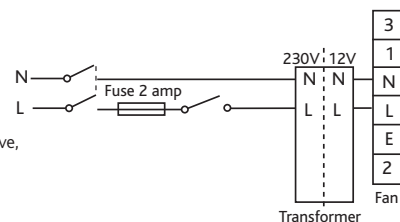
GENIE PIR



12V units via Pullcord

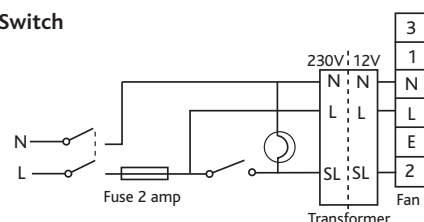
GENIE - X12
GENIE - H12
GENIE - XH
GENIE - XH12

As wiring for remote switch above, excluding switch.



12V units via Remote Switch

GENIE - S12
GENIE - X12
GENIE - H12
GENIE - XH
GENIE - XH12



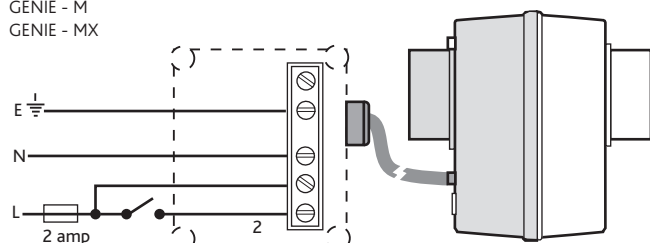
WIRING - DUCT MOUNTED FANS

All units are supplied with a 1.5 mtr length of cable connected to the fan, to ease installation without having to part the case and to facilitate connection to a fixed electrical supply, via appropriate switched/fused spur.

Wiring coding: Live = L, Neutral = N, Switched live = 2, Earth = \perp

230V units via Remote Switch

GENIE - M
GENIE - MX



Warning: For EMC compliance the 12V cable should not be fitted within 50mm of 230V or other cables or on the same tray/trunking if made of metal.

The earth connection in the transformer enclosure should not be used. No earth connection should be made to the 12V fan unit.

CONSULTANTS SPECIFICATION

GENIE EXTRACT FAN

The unit shall be manufactured by Nuaire.

The unit shall be either:

- a) Surface mountable incorporating a push fit, washable filter with an area of 23,750mm² and capable of conversion, if necessary, to semi-recessed format using flange supplied or window mounting format using optional fixing kit.
- b) Duct mountable using integral 100mm diameter spigots and fixing brackets supplied.

Unit noise level shall not exceed 30dBA@3m (24dBA@3m for duct mounted unit).

The unit shall incorporate an injection moulded forward curved centrifugal impeller. The impeller shall be directly driven by a motor fitted with sealed, self lubricating bearings and thermal overload protection.

The fan/motor assembly and the unit control assembly shall be capable of replacement as "plug in" modules without disturbing the field wiring.

The unit shall be designed for quietest operation to ensure occupant satisfaction.

The unit shall be supplied with a 5 year warranty.