

# Extract Ventilation System

## Solitude User Guide - dMEV



DO NOT SWITCH OFF THE UNIT! The system is designed to run continuously. If the unit is switched off indoor pollutant and moisture levels are likely to increase.



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## Ventilation is Vital

Indoor air quality deteriorates without controlled ventilation, and this is intensified now modern homes are built more airtight. Chemicals, gases and moisture produced by everyday products and activities may lead to the build up of pollutants which could be harmful to the health of the occupants and may damage the building fabric.

Once homes are occupied it is the responsibility of the home owner/landlord to maintain the system following the guidance provided.



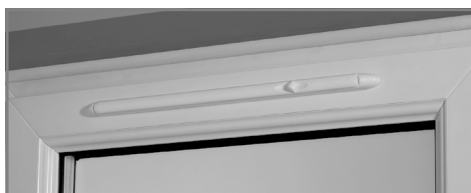
## How the System Works

The ventilation system extracts stale polluted air from rooms where most moisture is generated e.g. kitchens and bathrooms; fresh air from outside is supplied by trickle vents\*. With the trickle vents open, a flow of fresh, clean air is generated throughout the dwelling.

The ventilation system functions continuously via hidden ducts, the air travels through the fan and extracts through the ceiling or wall depending on the install.

## How to Use the System

The system runs by itself for normal ventilation rates. A boost switch with overrun timer can be used to increase the extract ventilation rate at times when moisture or pollutant levels are considered excessive. Sensors may be fitted in the dwelling which detect high levels of moisture or pollutants and boost the system automatically.



Trickle Vents

\*Some properties where air leakage rates are higher, may not have trickle vents installed.

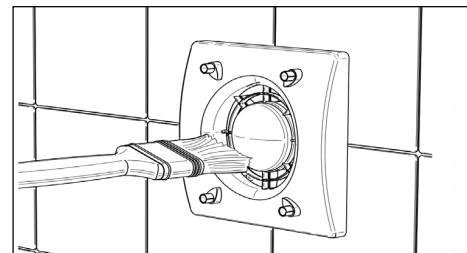
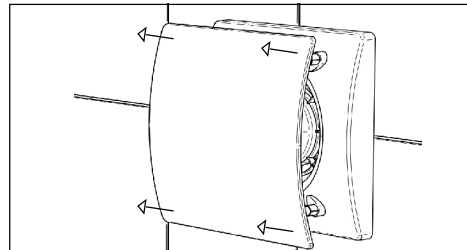
## Cleaning

Solitude dMEV fans include an airflow sensor which monitors the flow rate and adjusts the speed to maintain this flow. Excessive dust or other contaminants may impair the sensor accuracy. Periodic cleaning (e.g. vacuum cleaner/brush) is recommended to remove dust from the fan housing and flow sensor. (Turn off the fan via the isolator switch or mains before attempting any cleaning).

A Product Manual with full maintenance instructions is supplied with the unit and should be located on the unit or left with the householder or landlord.

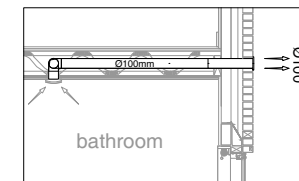
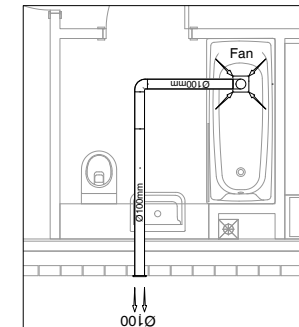
If your manual is missing and you are responsible for maintenance, please go to [titon.co.uk/](http://titon.co.uk/) for a copy.

**It must be used as a service record.**

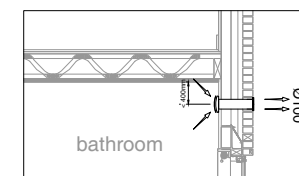
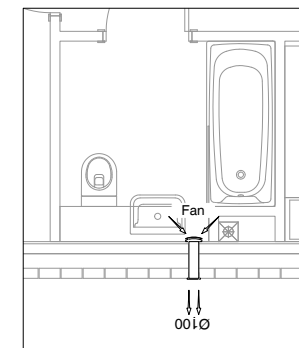


## Typical Layout

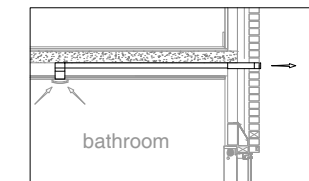
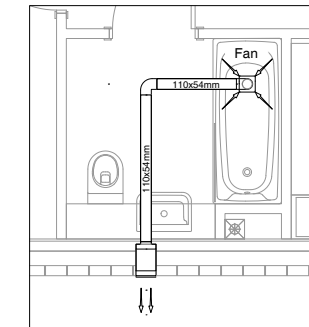
### Typical Ceiling Installation (Round ducting)



### Typical Wall Installation



### Typical Ceiling Installation (Rectangular ducting)



### Typical Roof Installation

