

Extract Ventilation System

Solace User Guide - dMEV



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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.

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.



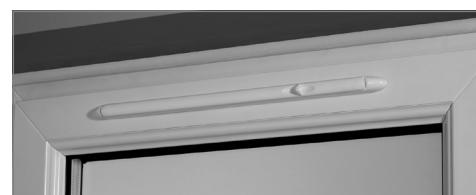
How the System Works

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

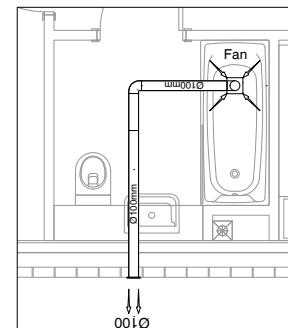
The system runs by itself for normal ventilation rates. A boost switch with overrun timer can be used to increase the extract ventilation rate at times when moisture or pollutant levels are considered excessive. Sensors may be fitted in the dwelling which detect high levels of moisture or pollutants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



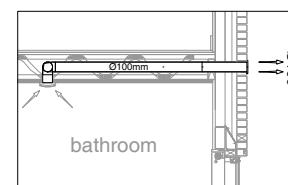
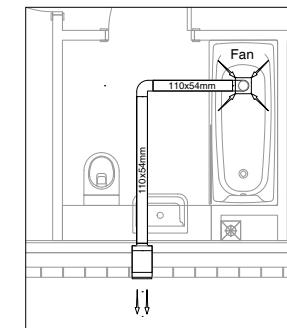
Trickle Vents

Typical Layout

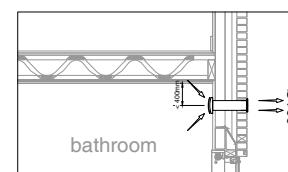
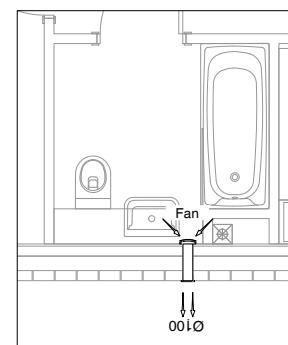
Typical Ceiling Installation
(Round ducting)



Typical Ceiling Installation
(Rectangular ducting)



Typical Wall Installation



Typical Roof Installation