

Vapour Vent

Passive Dehumidifier

About Vapour Vent

The Vapour Vent alleviates condensation and mould by allowing water vapour to pass to the outside whilst restricting draughts and thereby minimising heat loss.

It is ideal for use in bedrooms or living spaces and in particularly cold areas and is most effective when used in conjunction with RHL MagLev Dryvent kitchen or bathroom fan solutions

Essentially the Vapour Vent compliments a ventilation system by creating a vent point for the moist air (high vapour pressure to low vapour pressure) and by enabling replacement air to enter the property and replenish the extracted air throughout the building.



It is designed to be fitted through an exterior wall and requires a 112mm, 130mm or 160mm circular aperture.

Vapour Vent components are fully recyclable and operates passively requiring no electrical input.

Features and Benefits:

- Contains a bi-permeable membrane which encourages moisture migration and provides effective ventilation thereby alleviating condensation and mould
- The membrane restricts draughts so moisture control of the bedroom (or other living areas) is achieved without discomfort to the occupants
- Concurrently provides fresh air whilst allowing the vapour to be removed
- Provides a relatively cooler surface to attract the moisture away from cold problem areas as well as encouraging air flow by natural convection.
- Extracts vapour passively and silently so it is unobtrusive and costs nothing to run
- Provides maximum condensation control and benefit when installed as part of a Dryvent solution
- 5 year guarantee

Why Passive Ventilation compliments Extractor Systems:

Condensation control extractor fans run continuously and automatically extract at high level to remove moisture that has just been created at source, for example when cooking or bathing. This is when air has the highest humidity and vapour content, and is most likely if not extracted, to migrate to colder parts of a property and condense. By continually extracting air the nascent moisture is removed, but also in effect it creates a vacuum which will suck air in from areas of least resistance, such as through floor boards and through service vents, which usually have high levels of contamination or stagnant air associated with them. Without replacing the air it is also possible to cause undesirable short circuiting of air flow to gas appliances.

Passive ventilation provides a structured solution for air management where the positioning of the vent/s dictates the air movement through the building. The increased movement of air will also have an overall drying effect.

In addition if a Vapour Vent is positioned within a property where the air usually cools and condenses—the problem sites for condensation and mould—this will provide an effective management solution for minimising the cause of these problems.

Vapour Vent order details

Item	Part No.	Kit Contents
Vapour Vent 100mm	V100	100mm diameter telescopic tube, internal vapour membrane, external grille, internal grille
Vapour Vent 125mm	V125	125mm diameter telescopic tube, internal vapour membrane, external grille, internal grille
Vapour Vent 150mm	V150	150mm diameter telescopic tube, internal vapour membrane, external grille, internal grille
Vapour Vent 150mm with high level push through grille	V150P	150mm diameter tube, internal vapour membrane, push through circular external grille with seal, internal grille

General Notes on Vapour Vent Installations

The Vent position should be at high level and at least the depth of the exterior wall distance from the primary site of the mould and condensation area to the edge of the perimeter of the vent.

ie if the wall is 200mm thick then this must be the minimum distance from the damp area to site the fan

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

And for the Specifier.....

The Vapour Vent is supplied with a 125mm diameter wall sleeve /150mm diameter push through wall sleeve for safe high level application (an internal vapour membrane with internal grille (white), external grille (brown), and installation instructions. It should be located on an external wall and in accordance with manufacturers instructions.

Product	PERFORMANCE	
	Equivalent Area	Vapour diffusion in 24 hours 20°C differential 75%RH internal
Vapour Vent 100mm	100mm	95cc
Vapour Vent 125mm	150mm	120cc
Vapour Vent 150mm	200mm	150cc