

# The Latest in Hardware Trickle Vents

## Revised Building Regulations



The revised Building Regulations require an increase in background ventilation to improve indoor air quality and with windows and doors being the main method for providing ventilation into a home, the requirements of trickle vents will thereby also increase.

Airflow can improve the overall condition of the dwelling and wellbeing of the people living there, so it's only common sense that there are rules in place to ensure a well ventilated home.

A calculator to help you identify the requirements for your installations can be accessed at [www.quickslide.co.uk/requirement-calculators/](http://www.quickslide.co.uk/requirement-calculators/)

## Summary of Document F 2022 (England & Wales)

Applicable from: 15<sup>th</sup> June 2022 (England) / 23<sup>rd</sup> November 2022 (Wales)

- Replacement windows that contain background ventilation must include at least the equivalent ventilation.
- Where windows do not contain background ventilation, or the rate of ventilation is unknown, then the replacement windows must contain the following:
  - Habitable rooms and kitchens – min. 8000mm<sup>2</sup> equivalent area (EA) or 10,000mm<sup>2</sup> EA in single story dwellings.
  - Bathrooms (with or without a toilet) – min. 4000mm<sup>2</sup> equivalent area EA.
- If the dwelling will have continuous mechanical extract ventilation, then a minimum of 4000mm<sup>2</sup> EA of background ventilation should be installed in each habitable room.



## Summary of Section 3 2022 (Scotland)

Applicable from: 1<sup>st</sup> December 2022

- Habitable rooms in new builds must meet new requirements of 10,000mm<sup>2</sup> equivalent area (EA) unless the build is an apartment then it must be 12,000mm<sup>2</sup> equivalent area (EA).
- On existing buildings where infiltration rates in a dwelling exceed 10m<sup>3</sup>/h/m<sup>2</sup> @ 50 Pa, which may often be the case, the size of trickle ventilation may be reduced to 8000mm<sup>2</sup> for apartments and 4000mm<sup>2</sup> for all other rooms.
- Alternatively, the overall provision of trickle ventilation in a dwelling may be provided at an average of 6000mm<sup>2</sup> per room, with a minimum of 4000mm<sup>2</sup> in each apartment.

Without having to look too much into infiltration rates, our recommendation is to opt for max ventilation available to obtain the ventilation rates required.



## Our Solution

With compliance being mandatory, we've partnered with top glazing accessories manufacturers to incorporate trickle vent solutions into our range that offer aesthetics that will prove attractive to buyers, whilst also satisfying the requirements of the Building Regulations.

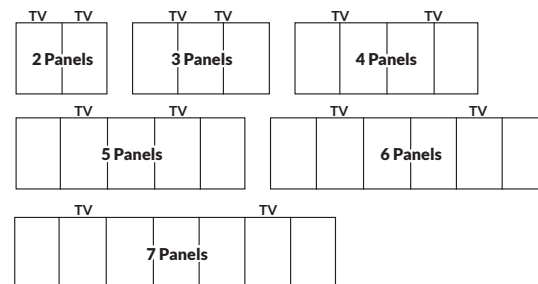
Our solution includes a new bespoke **Modular Vent** unique to Quickslide's PVCu Legacy Sliding Sash Windows, **Link Vent**, which we found to be a seamless solution for our complete product range as well as a **Flush Vent** available on our Bi-fold Doors.

## Trickle Vent Locations

Product	Vent Type	Location
PVCu Legacy Sash Windows	Modular / Link Vent	Head of top sash
PVCu Casements	Link Vent	Head of sash
PVCu Flush Casement	Link Vent	Head of sash
PVCu Sliding Patio Door	Link Vent	40mm Add on*
Aluminium Casement Windows	Link Vent	Head of sash
Aluminium Flush Windows	Link Vent	35mm Add on
Aluminium Heritage Windows	Link Vent	42mm Add-on
Aluminium Heritage Doors	Link Vent	42mm Add-on
Aluminium Bi-fold Doors	Link Vent	42mm Add on*
Aluminium Bi-fold Doors	Flush Vent	Head of sash
Aluminium Sliding Doors	Link Vent	42mm Add on*

## Bi-folding- and Sliding Door Trickle Vent Locations

TV = Trickle Vent



\*The trickle vents will be fitted in fixed locations depending on the number of panels in your chosen door configuration. Refer to 'Bi-folding- and Sliding Door Trickle Vent Locations' above.

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## Modular Vent

The woodgrain and colour-matched modular vent has been designed specifically for our Sash Windows. The requirement for compliance to the revised regulations means that we've had to develop a vent solution that will not spoil the aesthetics of our heritage windows - and we're pleased to say that the new modular vent does just that.



### PVCu Sliding Sash Windows - Modular Vent

Window Joints	Window Width	No of Modules	Total EA
Welded	390-499mm	1	2000
Fully Mechanical	516-654mm		
Welded	500-634mm	2	4000
Fully Mechanical	655-793mm		
Welded	635-774mm	3	6000
Fully Mechanical	794-931mm		
Welded	775-914 mm	4	8000
Fully Mechanical	932-1074 mm		
Welded	915-1054 mm	5	10000*
Fully Mechanical	1075-1214 mm		
Welded	1055+ mm	6	12000*
Fully Mechanical	1215+ mm		

\*Please note that 10000 EA and 12000EA is not included as standard and will need to be requested as part of the initial window specification.

### PVCu Sliding Sash Windows - Link Vent

Window Joints	Window Width	Vent Size	Total EA
Welded	410-644mm	Small	2500
Fully Mechanical	594-813mm		
Welded	645+ mm	Large	5000
Fully Mechanical	814+ mm		

### PVCu Casements - Link Vent

Product Type	Window Width	Vent Size	Total EA
Sculptured Casement	385-604mm	Small	2500
Flush Sash	365-584mm		
Sculptured Casement	605+ mm	Large	5000
Flush Sash	585+ mm		

### Aluminium Products - Link Vent

Vent Location	Window Width	Vent Size	Total EA
Sash/Fixed Frame	380-599mm	Small	2500
Sash/Fixed Frame	600+ mm	Large	5000

## Link Vent

The Link Vent chosen by Quickslide for our complete range of windows and doors is not only discreet but also colour-matched to our offering of PVCu and aluminium options, including woodgrains that blend in perfectly with our stock colourways.



## Flush Vent

The Flush Vent chosen by Quickslide for our bi-folding doors is a discreet solution which is colour-matched to our classic aluminium colourways including black, grey and white.

**Each bi-fold door panel can fit one flush vent of 2057 EA.**  
The vent is fitted into the head of the door sash.

