

# F VENT

## THROUGH FRAME 'CLIP FIT' WINDOW VENTILATOR

### FEATURES & BENEFITS

Aesthetically pleasing ventilator designed to have minimal visual impact when installed

Available in 2500mm<sup>2</sup> and 1250mm<sup>2</sup> equivalent area models for Building Regulation compliance

10 or 12 mm rout options offering flexibility for existing rout machine set up

Bottom operation, easily identifiable for occupant control

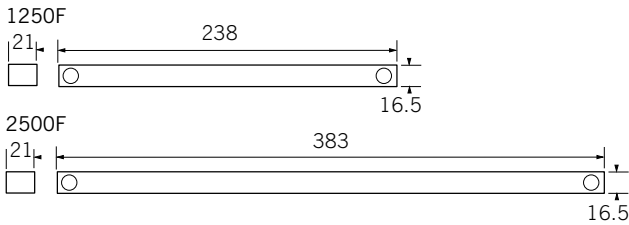
**Clip fit option** reduces installation time on-site and in production

Traditional screw fix installation option also available on same model

Available in a range of colours to suit a variety of window profiles including uPVC, timber and wood effect finishes

Equivalent area performance visibly marked for Building Control inspection

### PHYSICAL SPECIFICATION (mm)



### CLIP FIT

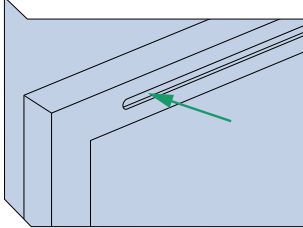


The F Vent is available with a clip fit installation option which offers valuable installation savings in production and on site. The clip has been designed to fit securely to a range of profile depths and is provided already installed in the ventilator body.

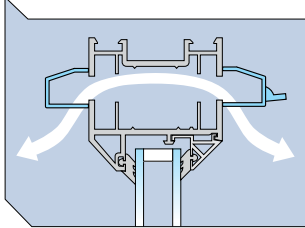
### EQUIVALENT AREA

Equivalent Area now replaces Free Area for the measurement of trickle ventilators under Part F for both new build and refurbishment applications.

EXISTING REQUIREMENT  
(FREE AREA) – TOTAL MM<sup>2</sup>  
AREA OF THE ROUT ON  
THE WINDOW



NEW REQUIREMENT  
(EQUIVALENT AREA)  
– AIRFLOW THROUGH  
INSTALLED VENTILATOR



### PRODUCT OVERVIEW

Model	Configuration	Equivalent Area (mm <sup>2</sup> )	Dimensions (mm) (length x height x depth)	Slot Sizes (mm)				Control Options	Colour Options
				Length	Central Gap	Length	Rout Height		
1250FB	Inner Unit & Outer Canopy	1362	238 x 16.5 x 21	192	10	or	194 12	B	W, BW, B, T, WIBO, WITO
2500FB	Inner Unit & Outer Canopy	2583	383 x 16.5 x 21	163.5	10	or	163.5 10 164.5 10 164.5 12	B	W, BW, B, T, WIBO, WITO

Controls: B - Bottom. Colours: W - White, B - Brown, T - Tan, BW - Brilliant White, WIBO - White Inner Brown Outer, WITO - White Inner Tan Outer.

## PERFORMANCE

Tested in accordance with BS EN 13141-1 2004 Ventilation for buildings

## Air flow rate/Pressure tests

Model	Slot width (mm)	Equivalent Area (mm <sup>2</sup> )
<b>1250FB</b>	10	1362
	12	1362
<b>2500FB</b>	10	2583
	12	2634

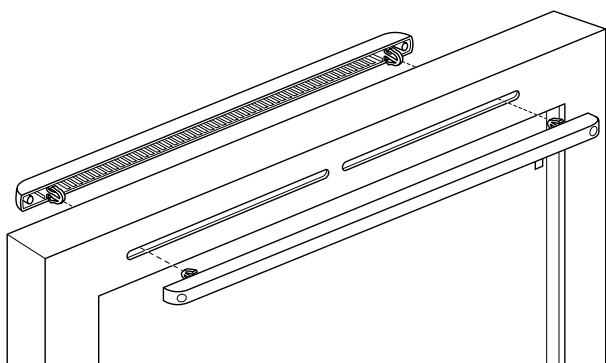
## Air tightness, Vent closed

Model	Positive Pressure Application	Corrected Volume Air Flow Rate at 50Pa (l/s)
<b>1250FB</b>	To outer face	0.00
	To inner face	0.10
<b>2500FB</b>	To outer face	0.15
	To inner face	0.10

## Watertightness

Model	Pressure Limit of Watertightness (Pa)
<b>1250FB</b>	750
<b>2500FB</b>	600

## INSTALLATION



## Instructions:

Select 10 or 12mm rout for fixing.  
Clip fit or screw fix to frame and push fit end caps.

To ensure secure clip fit installation as product has been designed, follow routing instructions printed on packaging sleeve.

## BUILDING REGULATIONS

## WORK ON EXISTING BUILDINGS

## DWELLINGS – EQUIVALENT AREA

HABITABLE ROOMS 5000mm<sup>2</sup>

NON HABITABLE ROOMS 2500mm<sup>2</sup>

FOR THE ADDITION OF HABITABLE AND NON HABITABLE ROOMS, BUILDINGS OTHER DWELLINGS AND CONSERVATORIES, PLEASE CONSULT ADF 2006 OR WWW.PARTE.COM

## NEW DWELLINGS

TRICKLE VENTILATORS ARE INSTALLED AS PART OF AN INTEGRATED VENTILATION SYSTEM, COMPRISING MECHANICAL AND BACKGROUND PRODUCTS. PLEASE CONSULT ADF 2006 FOR DWELLING CALCULATIONS. BACKGROUND VENTILATORS CAN BE USED IN CONJUNCTION WITH:

## SYSTEM 1:

BACKGROUND VENTILATORS AND INTERMITTENT EXTRACT FANS

## SYSTEM 2:

PASSIVE STACK VENTILATION

## SYSTEM 3:

CONTINUOUS MECHANICAL EXTRACT

- Tested to current British & European Standards
- Part F compliant



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