

TRICKLE VENTILATORS



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When people talk about ventilation they think of the extract unit, taking the air of the building. A ventilation system is more than just extracting air, it also relies on the replacement of stale air with fresh, clean air.

Whether you're using a passive stack system, a mechanical extract system or even intermittent extract units, Building Regulations call for a set amount of background ventilation for each ventilation strategy.

To avoid condensation the extraction of warm, moist air is not enough, it has to be in conjunction with an input of fresh air, yet this is often over looked for a number of different reasons. The fresh air not only creates a fresh atmosphere, it also promotes air movement to ensure that air is circulated around the property.

There are many cases where people have a sufficiently working extract system yet still experience condensation within properties, and the main reason is because of insufficient fresh air.

Glidevale offers a range of window ventilators to enable fresh air to be input into a building to ensure a healthy atmosphere and to reduce the potential for condensation and mould. They are incorporated through the head of the window frame and are available with manual or automatic (humidity-sensitive) openings.

Standard window vents are designed to allow air to enter the building to provide the stated levels of background ventilation to meet the requirements of Building Regulations.

Acoustic window vents not only provide the stated levels of background ventilation, but also noise attenuation for buildings which may be situated where external noise could pose a disturbance to the occupant.



Standard window vents

Ultra Vent
Energy Saver, Humidity-sensitive

Ventilation equivalent area

2500 / 4000 / 5000mm²
3815mm²

Geometric free area

2742 / 4465 / 5400mm²
4000mm²

Acoustic performance

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Acoustic window vents

Acoustic Energy Saver, Humidity-sensitive
Acoustic Low Profile

3815mm²
1777 / 1600mm²

4000mm²
4400 / 4400mm²

39dB
40-42dB

ULTRA VENT AND GRILLE

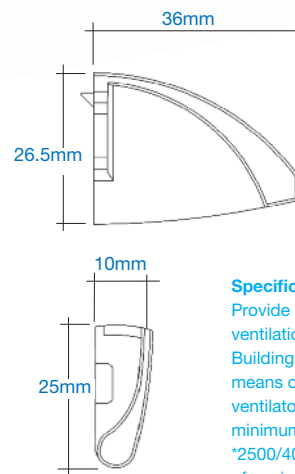
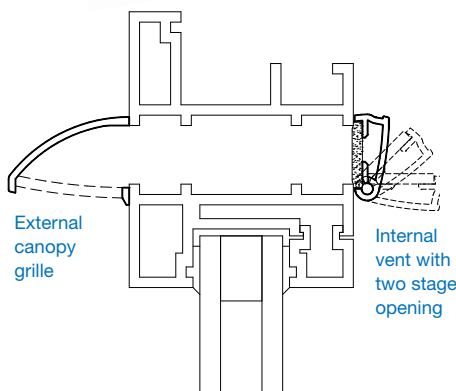
Through frame window ventilator available in three sizes, comprising controllable internal ventilator and matching external canopy grille. Controlled flow of fresh air via two stage opening. External canopy grille provides weather protection and insect ingress grille.

Features

- Three sizes available providing 2500mm², 4000mm² and 5000mm² equivalent areas.
- Can be used to meet background ventilation requirements of Building Regulations throughout the UK and Ireland.
- One of the smallest window ventilators on the market providing up to 5000mm² equivalent area.
- Slim profile of 10mm for the vent.
- Suitable for a range of slot sizes from 13mm to 17mm.
- Incoming air is directed upwards to avoid draughts and discomfort.
- Suitable for PVCu, aluminium and timber windows.
- Meets requirements of BS 6375-1 for resistance to water penetration.

Material

Internal vent: Polyester powder coated aluminium with polymer end caps.
External grille: Injection moulded polymer with integral fly screen and fixing holes.



Colour

Bright White RAL 9016 as standard with alternative colours available upon request.

Air permeability

Ultra Vent 5000 achieves 0.25m³/hr at 50Pa in the closed position when tested to BS EN 1026: 2000.

Water tightness

Ultra Vent 5000 achieves 1000Pa pressure with no leakage in the closed position when tested to BS EN 1027: 2000.

Specification clause

Provide background ventilation to meet Building Regulations by means of window ventilators giving a minimum of *2500/4000/5000mm² of equivalent free area of ventilation (Glidevale Ultra Vent TVUV *25/4/5 and Glidevale Ultra Grille TVUG *25/5). Ventilators to provide upward directional airflow and to meet worst case requirements of BS 6375-1 for resistance to water penetration. Ventilators available from Glidevale, 2 Brooklands Road, Sale, Cheshire M33 3SS, Tel: 0161 905 5700. Fax: 0161 905 2085. Email: info@glidevale.com.

*delete as required

Performance and dimensions

Equivalent area

Product	Ventilation equivalent area	Geometric free area	Slot size required (height x width)	Dimensions (length x height x width)	
				Internal vent	External canopy grille
Ultra Vent 2500	2500mm ²	2742mm ²	1no x 13-17 x 165mm	235 x 25 x 10mm (TVUV25)	203 x 26.5 x 36mm (TVUG25)
Ultra Vent 4000	4000mm ²	4465mm ²	2no x 13-17 x 135mm	350 x 25 x 10mm (TVUV4)	373 x 26.5 x 36mm (TVUG5)
Ultra Vent 5000	5000mm ²	5400mm ²	2no x 13-17 x 162.5mm	405 x 25 x 10mm (TVUV5)	373 x 26.5 x 36mm (TVUG5)

ENERGY SAVER, HUMIDITY SENSITIVE

Automatic function dependent upon humidity levels in the room. Can be used to meet background ventilation requirements of Building Regulations throughout the UK and Republic of Ireland. Minimises unnecessary ingress of cold air. No user input is required, and can help to reduce potential for condensation. Designed for use with Ultra Grille (TVUG5) external canopy grille (see page 3).

Features

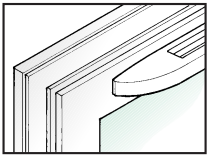
- Automatic, no user input.
- Uses no electricity or mechanical power.
- Directs airflow upwards avoiding draughts and discomfort.
- Energy efficient, minimises heat loss.

Material

Body: Injection moulded polystyrene.
Colour: white, brown or black as standard.
Other RAL colours to order.
Contact us for pricing.

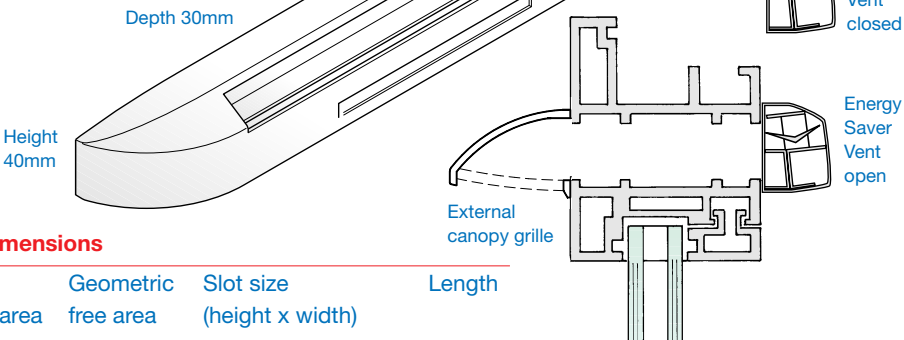
Technical

Airflow at 20Pa: minimum 7m³/hr (closed to trickle), max 40m³/hr.
Ventilation levels
47% RH - 500mm² ventilation area
65% RH - 3815mm² ventilation area



Installed in window frame

Specification clause
Select options required, and insert information where necessary.
Provide background ventilation complying with Building Regulations by means of automatic humidity-controlled internal window ventilators and external grilles giving 3815mm² equivalent area of ventilation. Internal vent (Glidevale Energy Saver Vent TVES4) to operate between 47% and 65% relative humidity. Ventilators to meet or exceed the worst case requirements of BS 6375-1 for resistance to water penetration in conjunction with specified external grille (Glidevale TVUG5).
Ventilators and information available from Glidevale, 2 Brooklands Road, Sale, Cheshire M33 3SS, Tel: 0161 905 5700. Fax: 0161 905 2085. Email: info@glidevale.com.



Performance and dimensions

Product	Ventilation equivalent area	Geometric free area	Slot size (height x width)	Length
TVES4	3815mm²	4000mm²	2no x 13 x 162.5mm	400mm

ACOUSTIC ENERGY SAVER, HUMIDITY SENSITIVE

Humidity sensitive, acoustic through frame window vent. Provides automatic ventilation and sound insulation for use near noise sources. Designed for use with Ultra Grille (TVUG5) external canopy grille (see page 3).

Features

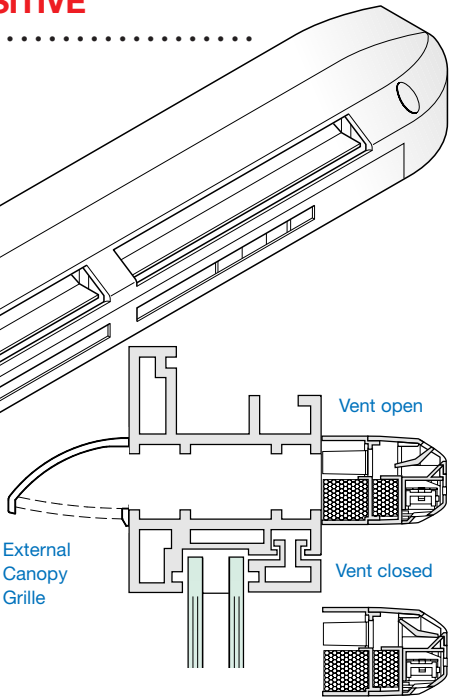
- Energy saving, reduces over ventilating.
- Substantial sound reduction.
- No user input required to control.
- No mechanical or electrical components.

Material

Body: Injection moulded polystyrene.
Colour: White, brown or black.
Colour matched to RAL available.
Contact us for pricing.

Depth 64mm

Height 45mm



Specification clause
Select options required, and insert information where necessary.
Provide background ventilation complying with Building Regulations by means of automatic humidity-controlled internal window ventilators and external grilles giving 3815mm² equivalent area of ventilation. Internal vent (Glidevale Energy Saver Vent TVES4dB) to operate between 47% and 65% relative humidity. Vent to be acoustically treated providing attenuation up to 39dB Dn,e,w. Ventilators to meet or exceed the worst case requirements of BS 6375-1 for resistance to water penetration in conjunction with specified external grille (Glidevale TVUG5).
Ventilators and information available from Glidevale, 2 Brooklands Road, Sale, Cheshire M33 3SS, Tel: 0161 905 5700. Fax: 0161 905 2085. Email: info@glidevale.com.

Performance and dimensions

Product	Ventilation equivalent area	Geometric free area	Slot size (height x width)	Length	Sound reduction up to
TVES4dB	3815mm²	4000mm²	2no x 13 x 162.5mm	420mm	39dB Dn,e,w

ACOUSTIC LOW PROFILE

Acoustic through frame window vent. Low profile design with manual operation. Available in either 450mm or 800mm widths and provides up to 42dB attenuation.

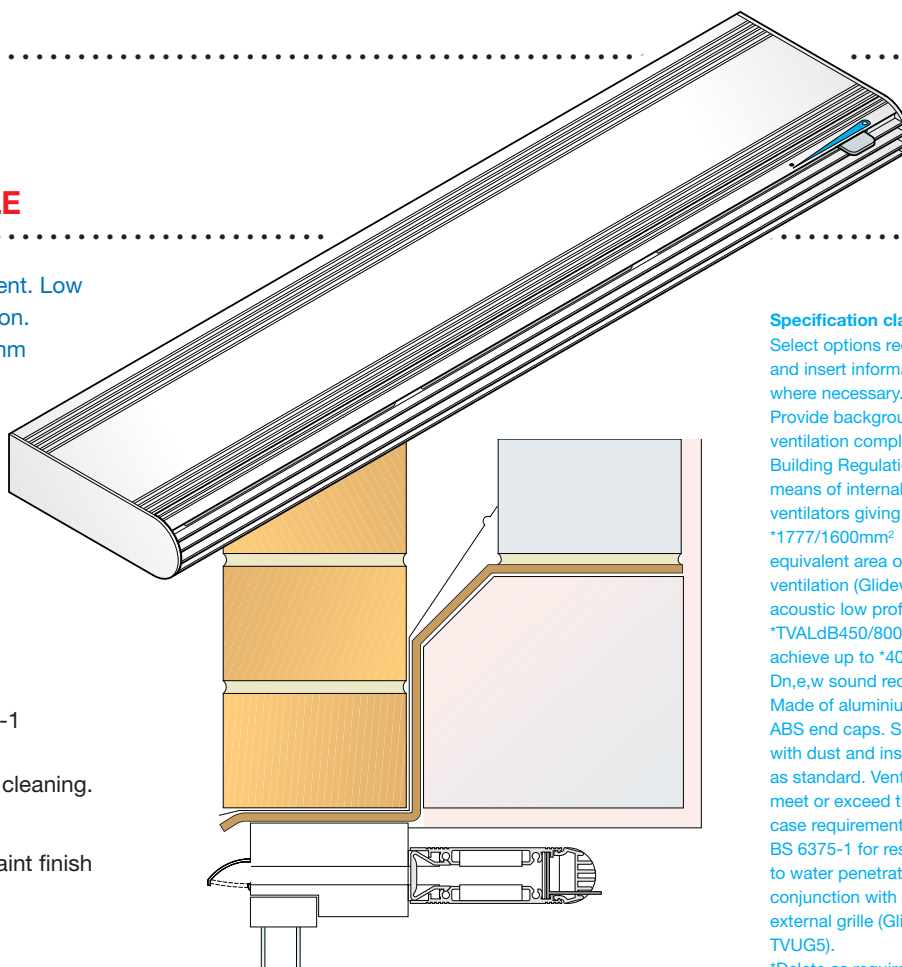
Designed for use with Ultra Grille (TVUG5) external canopy grille (see page 3).

Features

- Substantial sound reduction.
- Internal filter prevents insect and dust ingress.
- Simple and easy operation.
- Meets requirements of BS 6375-1 for resistance to water.
- Internal vent easily removed for cleaning.

Material

Body: Aluminium with polyester paint finish
Colour: White or grey.
Colour matched to RAL available.
Contact us for pricing.



Specification clause

Select options required, and insert information where necessary. Provide background ventilation complying with Building Regulations by means of internal window ventilators giving *1777/1600mm² equivalent area of ventilation (Glidevale acoustic low profile vent *TVALdB450/800) to achieve up to *40/42dB Dn,e,w sound reduction. Made of aluminium with ABS end caps. Supplied with dust and insect filter as standard. Ventilators to meet or exceed the worst case requirements of BS 6375-1 for resistance to water penetration in conjunction with specified external grille (Glidevale TVUG5).

*Delete as required

To be supplied by
Glidevale,
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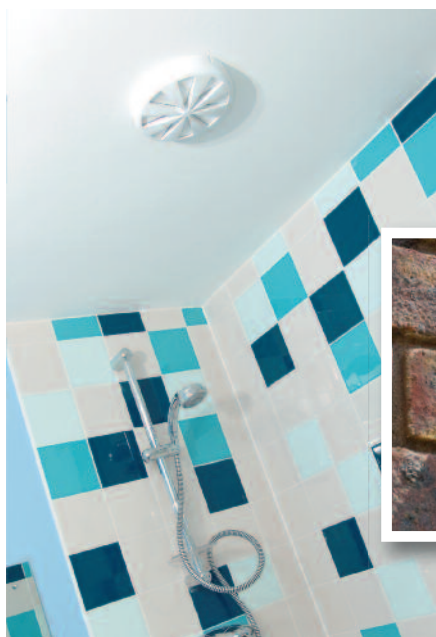
Performance and dimensions

Product	Ventilation equivalent area	Geometric free area	Slot size required (height x width)	Length	Sound reduction up to
TVALdB450	1777mm ²	4400mm ²	1no x 13 x 350mm	456mm	40dB Dn,e,w
TVALdB800	1600mm ²	4400mm ²	1no x 13 x 350mm	806mm	42dB Dn,e,w

RELATED PRODUCTS

The Glidevale range of tricklevents can be used as part of a whole-house strategy using our intelligent Passive Stack Ventilation (iPSV) system, which requires no energy to use and has no moving parts.

Glidevale also offers a range of Fresh through wall ventilators which can provide the stated levels of background ventilation to meet the requirements of Building Regulations. They are available with various manual control mechanisms or automatic openings (humidity-sensitive). Acoustic options are also provided.



FURTHER INFORMATION

Environment / operational information

As part of our commitment to minimising our impact on the environment, and to continuous improvement in our methods of operation, Glidevale is accredited to ISO 14001 Environmental Management, OHSAS 18001 Health and Safety Management and ISO 9001 Quality Management Systems.

Technical support

Glidevale offer a full technical advisory and estimating service. Contact our Technical Services department on 0161 905 5700 for further information or to request a complete schedule and quotation covering all products required.

Other products from Glidevale

Cavity trays and preformed DPCs.

Ground floor gas and damp protection products.

Tile and slate ventilators.

Abutment ventilation.

Loft access hatches / ladder.

Eaves and low level ventilation systems.

iPSV® whole-house ventilation system.



Stockist's stamp

GLIDEVALE

2 Brooklands Road, Sale, Cheshire M33 3SS

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Email: info@glidevale.com Web: www.glidevale.com

Glidevale maintains a policy of continuous development and reserves the right to amend product specifications without notice.



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