

LOUVRES AND GRILLES



EXTERNAL WEATHER LOUVRES

Passivent external weather louvres provide a well designed and robust cost effective solution for extract and intake air. The 45 degree blades are set at a 30mm pitch for excellent weatherability and low airflow resistance.

Available for internal or external use as framed units with either a 55mm surrounding flange for wall mounted fixing or recessed enabling multiple panel assemblies to be used together.



Flanged frame



Recessed frame

Construction

Manufactured from extruded aluminium sections with mitred and welded corners. Available in mill finish, satin anodised or powder coated. Louvres can be also supplied with 4mm large insect mesh which will also provide bird resistance. For heavy duty applications, additional concealed louvre supports can be fitted. Please state when ordering.

Size

Available in sizes from 300mm x 300mm up to 2000mm wide and 1500mm high.

Performance

Rain rejection

The louvre system has been tested by BSRIA to BS EN 13030: 2002 and achieves Class B being 98.6% effective.

Airflow performance

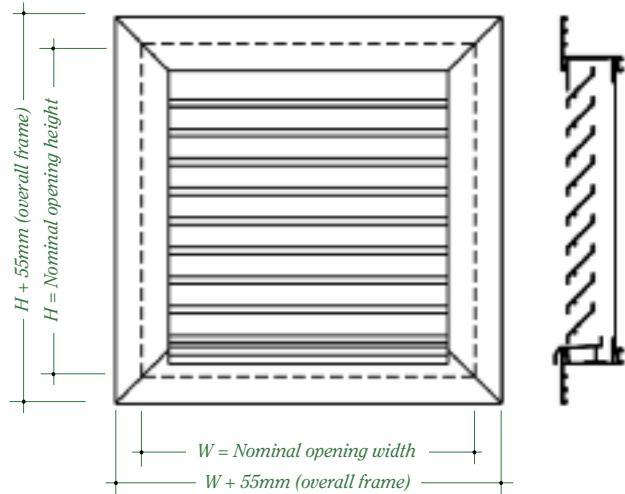
The louvre system has been tested to achieve a discharge coefficient of Cd 0.3.

Ordering

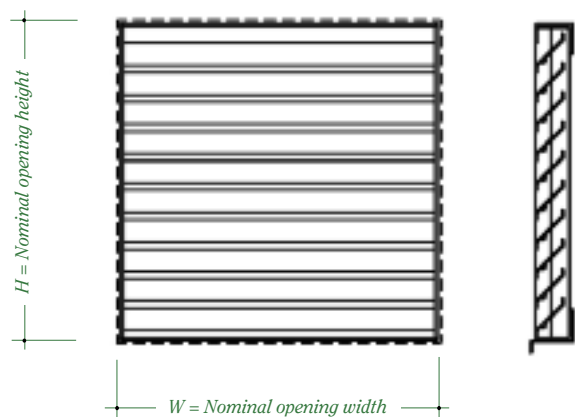
State quantity, the product name and the size W (nominal width) x H (nominal height).

Please note: Fixings available on request
Flanges supplied with fixing holes unless requested otherwise.

Flanged frame weather louvre



Recessed frame weather louvre



INTERNAL COVER GRILLES

Passivent internal cover grilles provide a well designed and robust cost effective solution for extract and intake air. The 45 degree blades are set at a 15mm pitch for high strength and low airflow resistance.

Available for internal use with either a 38mm surrounding flange for wall mounted fixings or 26mm surrounding flange for metal duct connections.



Wall cover grille

Construction

Manufactured from extruded aluminium sections with mitred and welded corners. Powder coated to a standard RAL colour. For heavy duty applications, additional concealed louvre supports can be fitted. Please state when ordering.

Size

Available in sizes from 250mm x 250mm up to 2300mm wide and 1600mm high. Subject to a maximum area of 1.8m².

Performance

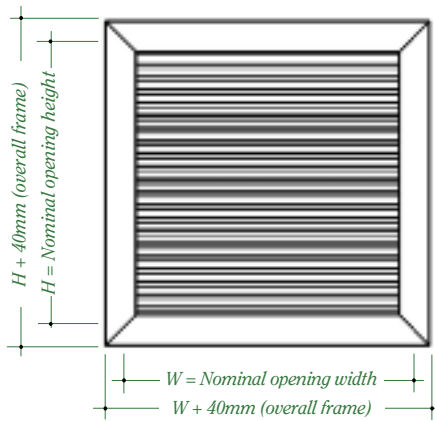
For discharge coefficients values and free area please enquire.

Ordering

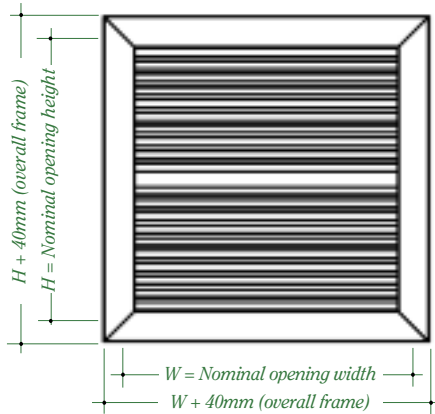
State quantity, the product name, flange dimension (38mm or 26mm) and the size W (nominal width) x H (nominal height).

Ceiling cover grille,
two way diffuser

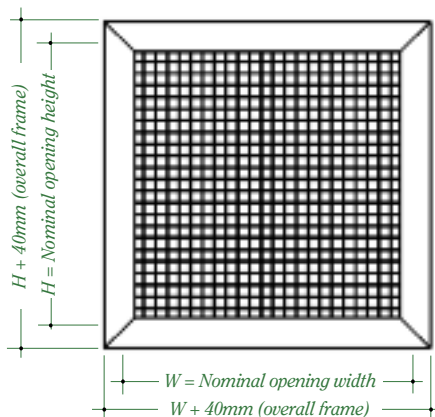
One way diffuser grille (38mm surround flange)



Two way diffuser grille (38mm surround flange)



Egg crate grille (38mm surround flange)



FURTHER INFORMATION

Services

Installation and commissioning service through an independent network of MasterCare Installers.

Extended warranty and maintenance contracts are available.

Quality assurance

Passivent products are designed, developed and manufactured under a BS EN ISO 9001 quality management system, giving an independently audited assurance that the products will fulfil their intended purpose.

Operational commitment

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

Other products

Passivent market a range of other natural ventilation and daylighting products for commercial buildings including:

Aircool ventilators for windows, curtain walling and walls.

Airstract roof terminals for passive stack and other natural ventilation systems.

Airscoop wind-driven ventilation terminals.

Ventilation control systems.

Natural ventilation systems for commercial buildings.

Sunscoop tubular rooflight systems.

Litevent combined ventilator and rooflight.

Sunstract combined rooflight and ventilator.

Metrodome rooflights.

Solar shading systems.

PASSIVENT LIMITED

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

BPD

A member of the Building Product Design Group

