

Type WG



External weather louvre made of galvanised steel sections

FOR THE MOST DIVERSE APPLICATIONS, AVAILABLE ALSO IN LARGE SIZES

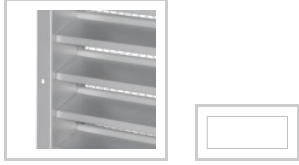
External weather louvres as a protection of air conditioning systems against the direct ingress of rain, leaves and birds into fresh air and exhaust air openings

- Maximum width of 2400 mm, maximum height of 2310 mm, maximum area of 4 m² (aluminium variant also for continuous horizontal runs)
- Low differential pressure due to aerofoil blades
- Low air-regenerated noise
- All aerodynamic data is measured in aerodynamics and acoustics laboratories

- Available in standard sizes and many intermediate sizes
- Simple and quick installation due to perimeter border
- Variants made of galvanised sheet steel, aluminium or stainless steel
- Flexible arrangement of sections for covering large areas (should then be fixed on a support structure which is to be provided by others)

Optional equipment and accessories

- Installation subframe
- Can be combined with multileaf or non-return dampers
- Insect screen
- Powder-coated or anodised



Application

- External weather louvres of Type WG for the fresh air and exhaust air openings of air conditioning systems
- Protection against the direct ingress of rain as well as against leaves and birds
- Recommended face velocity for fresh air openings: 2 – 2.5 m/s max.

Special characteristics

- Large areas can be provided by arranging multiple single sections horizontally and/or vertically (subdivided construction); single sections made of aluminium can also be combined into continuous horizontal runs
- Low differential pressure and low air-regenerated noise due to aerofoil blades
- Simple and quick installation due to perimeter border
- Free area of approx. 60 %, with insect screen approx. 45 %
- Silicone free

Nominal sizes

- B: 200, 400, 600, 800, 1000, 1200, 1400, 1600, 1800, 2000, 2200, 2400 mm (intermediate sizes 201 – 2399 mm in increments of 1 mm)
- Width subdivided max. = 4900 mm (intermediate sizes 2401 – 4899 mm in increments of 1 mm)
- H: 165, 330, 495, 660, 825, 990, 1155, 1320, 1485, 1650, 1815, 1980, 2145, 2310 mm (intermediate sizes 166 – 2309 mm in increments of 1 mm)
- Height subdivided max. = 4720 mm (intermediate sizes 2311 – 4719 mm in increments of 1 mm)
- Any combination of B × H
- Undivided construction up to 4 m²

WG-B-AL

- WG-B-AL-M (middle section) B: 2000 mm
- WG-B-AL-E (end section) B: 1000 – 2000 mm (intermediate sizes 1001 – 1999 mm in increments of 1 mm)
- H: 165 – 1980 mm (intermediate sizes 166 – 1979 mm in increments of 1 mm)

Variants

- WG: External weather louvre made of galvanised sheet steel
- WG-A2: External weather louvre made of stainless steel
- WG-AL: External weather louvre made of aluminium
- WG-B-AL: External weather louvre made of aluminium, for continuous horizontal runs

Construction

Cover grille

- Wire mesh, galvanised steel (only WG, WG-AL, WG-B-AL)
- 1: With insect screen, galvanised steel (only WG, WG-AL, WG-B-AL)
- 2: With wire mesh, stainless steel (only WG-AL, WG-B-AL)

- 3: With insect screen and wire mesh, stainless steel (only WG-A2, WG-AL, WG-B-AL)

Border

- Border fixing holes
- U: Without fixing holes

Parts and characteristics

- Border
- Regular blades and bottom blade
- Wire mesh
- Optional insect screen
- Visible mullion or stabilising mullion at the rear, from B = 1385 mm

Accessories

- Installation subframe: Installation subframe for the fast and simple installation of external weather louvres

Construction features

- Free area of approx. 60 %, with insect screen approx. 45 %
- Wire mesh at the rear, mesh aperture 20 × 20 × 1.8 mm
- Optional insect screen at the rear, mesh aperture 1.25 × 1.25 × 0.4 mm
- Border fixing holes

Materials and surfaces

- Border, mullion and blades made of formed galvanised sheet steel, aluminium or stainless steel
- Wire mesh made of galvanised steel or stainless steel
- P1: Powder-coated, RAL CLASSIC colour
- PS: Powder-coated, NCS or DB colour

Maintenance

- Maintenance-free as construction and materials are not subject to wear

TECHNICAL INFORMATION

Function, Technical data, Quick sizing, Specification text, Order code, Related products

Variants, Dimensions and weight, Product details

Installation details, Basic information and nomenclature

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