

Type WGK



External weather louvre made of aluminium sections, anodised

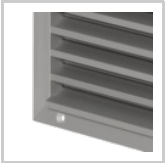
WITH SMALL BLADE PITCH

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 1997 mm, maximum height of 1997 mm
- 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

Optional equipment and accessories

- Installation subframe
- Insect screen
- Powder-coated or anodised



Application

- External weather louvres of Type WGK, with small blade pitch, 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

- 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: 97, 147, 197, 297, 397, 497, 597, 797, 997, 1197, 1397, 1597, 1797, 1997 mm (intermediate sizes 98 – 1996 mm in increments of 1 mm)
- H: 97, 147, 197, 247, 297, 347, 397, 447, 497, 597, 797, 997, 1197, 1397, 1597, 1797, 1997 mm (intermediate sizes 122 – 1972 mm in increments of 25 mm)

Construction

Cover grille

- Wire mesh
- 1: With insect screen, galvanised steel
- 3: With insect screen, stainless steel

Border

- Border fixing holes
- U: Without fixing holes

Parts and characteristics

- Border
- Regular blades and bottom blade
- Wire mesh
- Optional insect screen
- Visible stabilising mullion from B = 597 mm, two mullions from B = 1198 mm, three mullions from B = 1797 mm

Accessories

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

Construction features

- Border, material thickness 1.3 mm
- Blades, material thickness 1.35 mm
- Free area of approx. 60 %, with insect screen approx. 45 %
- Wire mesh at the rear, mesh aperture 6 × 6 × 0.63 mm
- Optional insect screen at the rear, mesh aperture 1.25 × 1.25 × 0.4 mm
- Border fixing holes

Materials and surfaces

- Border, blades and stabilising mullions made of extruded aluminium sections, material no. EN AW-6060 T66, anodised to EURAS standard, E6-C-0, natural colour
- Wire mesh made of galvanised 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

Dimensions and weight, Product details

Installation details, Basic information and nomenclature

TROX GmbH



Heinrich-Trox-Platz
D-47504 Neukirchen-Vluyn
Tel.: +49 (0)2845 202-0
Fax: +49 (0)2845 202-265

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