



TYPE WAP

VENTILATION GRILLES, MADE OF ALUMINIUM, WITH FIXED HORIZONTAL BLADES - ALSO FOR HORIZONTAL RUNS

Single ventilation grilles and horizontal run sections with special profiled blades

- Nominal sizes 300 × 75 - 1800 × 600 mm and horizontal run sections
- Volume flow rate range 23 - 3353 l/s or 83 - 12070 m³/h
- Grille face made of aluminium with powder-coat finish
- Front border, 20 mm or 30 mm wide or plaster-in
- Straight (0°) or angled (15°) air discharge
- Concealed screw fixing

Optional equipment and accessories

- Grille face in RAL CLASSIC Colours
- Installation subframe
- Attachments for volume flow rate balancing and air direction control
- Concealed fixing or countersunk holes (only for 30 mm wide front border)

Application



Application

- Ventilation grille of Type WAP as supply air or extract air variant for comfort zones and industrial zones
- Directed supply air discharge for mixed flow ventilation
- Blades for straight (0°) or angled (15°) air discharge to meet different local requirements
- For variable and constant volume flows
- For supply air to room air temperature differences from -12 to +4 K
- For installation in walls, sills and rectangular ducts

Special characteristics

- Fixed blades
- Front border in two widths and plaster-in option (plaster in grille)
- Concealed fixing or countersunk holes
- Also for continuous horizontal runs
- Optional installation subframe

Nominal sizes

Single grille

- Nominal length: 300 mm up to 1800 mm (50 mm increments)
- Nominal height: 75 mm up to 600 mm (25mm increments)
- WAPP nominal height: 75 mm up to 200 mm (25 mm increments)

- Intermediate sizes upon request

Horizontal run section

- Nominal length of end section: 900 mm up to 1799 mm (1 mm increments)
- Nominal length of middle section: 1800 mm
- Nominal height: 75 mm up to 300 mm (25 mm increments)
- WAPP nominal height: 75 mm up to 200 mm (25 mm increments)
- Intermediate sizes upon request

DESCRIPTION



Variants

- WAP: Single grille
- E, EL, ER, M: Horizontal run section

Front border

- WAP: 30 mm wide
- WAPR: 20 mm wide
- WAPP: Plaster-in border

Fixing

- Countersunk holes (WAP only)
- X: Without holes (border drilling by customer)
- S11: Concealed fixings (in combination with installation subframe)

Parts and characteristics

- Rectangular profile border sections
- Fixed horizontal blades
- Vertical lateral mullions
- Factory fitted perimeter seal

Attachments

- AG, D, DG: For volume flow rate balancing and for air direction control
- WAPP: Dampers installed within plenum box

Accessories

- Installation subframe: For the fast and simple installation of ventilation grilles

Construction features

- 20 mm or 30 mm wide border or plaster-in border
- Blades for straight (0°) or angled (15°) air discharge

Materials and surfaces

- Border and blades made of aluminium
- P3: Border and blades powder-coated, RAL9010:20%
- P6: Border and blades powder-coated, RAL CLASSIC colour.
Gloss level: 30%

Standards and guidelines

- Sound power level of the air-regenerated noise measured according to EN ISO 5135

Maintenance

- Maintenance-free as construction and materials are not subject to wear
- Inspection and cleaning to VDI 6022