



AF-0-A/825×225

## AF / AH

### VENTILATION GRILLES, MADE OF ALUMINIUM, WITH FIXED LONGITUDINAL BLADES, FOR FLOOR INSTALLATION – ALSO FOR HORIZONTAL RUNS

Single ventilation grilles and horizontal run sections with special profiled blades

- Nominal sizes 225 × 75 – 1225 × 425 mm and horizontal run sections
- Volume flow rate range 10 – 1235 l/s or 36 – 4446 m<sup>3</sup>/h
- Grille face made of aluminium with anodised finish
- Front border suitable for floor installation without an installation subframe
- Removable grille core with special spring clip fixing

Optional equipment and accessories

- Grille face in RAL CLASSIC colours
- Attachments for volume flow rate balancing and air direction control

## Application



### Application

- Ventilation grille of Type AF 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
- Preferably for floor installation

### Special characteristics

- Blades for straight (0°) or angled (15°) air discharge to meet different local requirements
- Spring clip fixing

### Nominal sizes

Single grille

- Nominal length: 225, 325, 425, 525, 625, 825, 1025, 1225 mm
- Nominal height: 75, 125, 225, 325, 425, 525 mm

Horizontal run section

- Nominal length of end section: 1010, 1190, 1370, 1550, 1730, 1910 mm

- Nominal length of middle section: 2000 mm
- Nominal height: 75, 125, 225, 325 mm

## Description

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### Variants

- AF: Single grille
- E-AF, M-AF: Horizontal run section

### Blade construction style

- 0: 0° discharge
- 15: 15° discharge

### Parts and characteristics

- Front border
- Fixed longitudinal blades
- Factory fitted perimeter seal
- Centre mullion for nominal sizes over 625 mm

### Attachments

- AG, AS, D, DG: For volume flow rate balancing and for air direction control

### Construction features

- Transverse bars for clip-fixing the grille (bars snap into clips)
- Blades for straight (0°) or angled (15°) air discharge

### Materials and surfaces

- Border and blades made of aluminium
- Border and blades anodised, E6-C-0, natural colour
- P1: Border and blades powder-coated, RAL CLASSIC colour

### 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