



VAT-A/825x225

## VAT

### VENTILATION GRILLES, MADE OF ALUMINIUM, WITH INDIVIDUALLY ADJUSTABLE, VERTICAL BLADES

Ventilation grille with droplet shaped blades

- Nominal sizes 225 × 75 – 1225 × 525 mm
- Volume flow rate range 11 – 2000 l/s or 40 – 7200 m<sup>3</sup>/h
- Grille face made of aluminium with anodised finish
- Front border, 23 mm or 27 mm wide
- Concealed screw fixing

Optional equipment and accessories

- Grille face in RAL CLASSIC colours
- Installation subframe
- Installation subframe for fitting filter media
- Attachments for volume flow rate balancing and air direction control
- Spring clip fixing

## Application



### Application

- Ventilation grille of Type VAT as supply air or extract air variant for comfort zones and industrial zones
- Directed supply air discharge for mixed flow ventilation
- Blades are adjustable 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

- Individually adjustable blades
- Front border in two widths
- Concealed screw fixing, spring clip fixing or countersunk holes
- Optional installation subframe and casing for the fitting of filter media

### Nominal sizes

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

Other dimensions upon request

## Description



### Variants

Front border

- 27 mm wide
- G11: 23 mm wide

Fixing

- Concealed screw fixing
- G11: Concealed screw fixing (23 mm)

- A11: Countersunk holes (only 27 mm)
- B11: Spring clip fixing (27 mm)
- H11: Spring clip fixing (23 mm)

#### **Parts and characteristics**

- Sloped border with chamfered inside edge
- Individually adjustable, vertical blades
- Factory fitted perimeter seal

#### **Attachments**

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

#### **Accessories**

- Installation subframe: For the fast and simple installation of ventilation grilles
- Filter casing: Frame with filter element and spring clip fixing (only with 27 mm wide front border)

#### **Construction features**

- Asymmetrically supported blades

#### **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