



AWT-A/825×225

## AWT

### BALL IMPACT RESISTANT VENTILATION GRILLE MADE OF ALUMINIUM, WITH FIXED HORIZONTAL BLADES

Ventilation grille with special profiled blades (rectangular cross section)

- Nominal sizes 325 × 125 – 1225 × 325 mm
- Volume flow rate range 17 – 950 l/s or 61 – 3420 m<sup>3</sup>/h
- Grille face made of aluminium with anodised finish
- Tested for installation in gymnasiums
- Front border with countersunk holes, 30 mm wide

Optional equipment and accessories

- Grille face in RAL CLASSIC colours
- Installation subframe

## Application



### Application

- Type AWT ventilation grille to be used for supply air or extract air
- For gymnasiums
- Meets the requirements for impact resistance of DIN 18032, part 3
- Directed supply air discharge for mixed flow ventilation
- 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
- Countersunk holes

### Nominal sizes

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

Other dimensions upon request

## Description



### Parts and characteristics

- Rectangular profile border sections with rounded edges

- Fixed horizontal blades
- Factory fitted perimeter seal
- Vertical centre mullion for nominal lengths over 625 mm

#### **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

#### **Construction features**

- Robust blades
- Front border with countersunk holes

#### **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