



TRS-K/825×225

## TRS-K

### VENTILATION GRILLES, MADE OF GALVANISED SHEET STEEL, WITH INDIVIDUALLY ADJUSTABLE, VERTICAL BLADES, FOR INSTALLATION INTO RECTANGULAR DUCTS

Ventilation grille with droplet shaped blades

- Nominal sizes 225 × 75 to 1225 × 325 mm
- Volume flow rate range 11 – 1305 l/s or 40 – 4698 m³/h
- Grille face made of galvanised sheet steel
- Front border with countersunk holes, 27 mm wide

Optional equipment and accessories

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

## Application



### Application

- Ventilation grille of Type TRS-K 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 into rectangular ducts

### Special characteristics

- Individually adjustable blades

### Nominal sizes

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

Other dimensions upon request

## Description



### Variants

- TRS-K-KA: Grille face with vertical blades
- TRS-K-KD: Grille face with vertical and horizontal blades, individually adjustable

#### **Parts and characteristics**

- Sloped border with chamfered inside edge
- Individually adjustable, vertical blades
- Factory fitted perimeter seal
- KD: Individually adjustable, horizontal blades for air direction control

#### **Attachments**

- KS, K5: For volume flow rate balancing

#### **Accessories**

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

#### **Construction features**

- Asymmetrically supported blades
- Front border with countersunk holes

#### **Materials and surfaces**

- Border and blades made of galvanised sheet steel
- 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