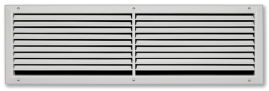
TROX® TECHNIK
The art of handling air



TR-A/825×225

TR

VENTILATION GRILLES, MADE OF SHEET STEEL, WITH INDIVIDUALLY ADJUSTABLE, HORIZONTAL BLADES

Ventilation grille with droplet shaped blades

- Nominal sizes 225 × 125 – 1225 × 525 mm
- Volume flow rate range 23 – 2000 l/s or 83 – 7200 m³/h
- Grille face made of sheet steel, powder-coated
- Front border with countersunk holes, 27 mm wide

Optional equipment and accessories

- Grille face in RAL CLASSIC colours
- Grille face made of galvanised sheet steel, without powder coating
- Installation subframe
- Installation subframe for fitting filter media
- Attachments for volume flow rate balancing and air direction control
- Concealed screw fixing

Application

Application

- Ventilation grille of Type TR 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
- Countersunk holes or concealed screw fixing
- 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: 125, 225, 325, 425, 525 mm

Other dimensions upon request

Description

Variants

Fixing

- Countersunk holes
- C11: Concealed screw fixing

Parts and characteristics

- Sloped border with chamfered inside edge
- Individually adjustable, 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
- Filter casing: Frame with filter element and spring clip fixing

Construction features

- Asymmetrically supported blades
- Border with countersunk holes or concealed screw fixing

Materials and surfaces

- Border and blades made of galvanised sheet steel
- Border and blades powder-coated RAL 9010, pure white
- P1: Border and blades powder-coated, RAL CLASSIC colour
- S7: Border and blades made of galvanised sheet steel, not powder-coated

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