



DJ

HIGH CAPACITY DRUM JET DIFFUSER FOR LONG THROW, SUPPLY AIR APPLICATIONS

Single ventilation grilles for long throw, supply air applications.

- Suitable for exposed duct mounting or sidewall installations
- Volume flow rate range 138 - 2000 l/s or 500 - 7200 m³/h
- Grille face made of aluminium with powder-coat finish
- Front border, 38 mm with counterpunch fixing holes
- Aerodynamically efficient profile results in low noise levels and pressure drop
- Manual discharge angle adjustment for optimum air direction control

Optional equipment and accessories

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

APPLICATION



Application

- Ventilation nozzle Type DJ as supply air variant for comfort and industrial zones
- Adjustable vertical air discharge angle ($\pm 30^\circ$) suitable for long throw applications
- Adjustable vertical guide vanes for air direction control and throw length reduction
- For constant volume flows
- For supply air to room temperature differences from -12 to + 10 K
- For installation in walls and rectangular ducts

Nominal sizes

Single grille

- Nominal length: 261 mm, 337 mm, 490 mm, 540 mm, 642 mm, 667 mm, 794 mm, 921 mm
- Nominal height: 170 mm, 271 mm

DESCRIPTION



Variants

- DJ: Single nozzle
- DJD: Single nozzle with adjustable front blades

Parts and Characteristics

- Rectangular profile border sections
- Adjustable vertical discharge angle ($\pm 30^\circ$)

- Adjustable vertical guide vanes for air direction control and throw length reduction

Attachments

- OB, VED: For volume flow rate balancing

Accessories

- OB/DM: Duct mounted opposed blade damper (supplied loose)
- VED/DM: Duct mounted volume equalising deflector (supplied loose)

Construction Features

- 38 mm wide profiled border
- Adjustable vertical guide vanes for directional air discharge and throw length control

Materials and Surfaces

- Border and blades made of aluminium
- PC: Special Finish - state colour:
RAL..., BS..., Gloss level ...%

Installation and Commissioning

- Installation preferably in walls or rectangular ducts
- Stub duct required for rectangular ductwork installation
- DJ nozzle should be installed using counterpunch border holes, fixed with screws

Standards and Guidelines

- Sound power level of the air-regenerated noise measured according to EN ISO 5135

Maintenance

- Maintenance-free as construction and materials not subject to wear
- Inspection and cleaning to VDI 6022