Application

- Type DUK jet nozzles for supply air discharge, with a long throw distance
- For production halls, gymnasiums, theatres and conference rooms as well as for large internal spaces in airports, railway stations and shopping centres
- Attractive design element for building owners and architects with demanding aesthetic requirements
For supply air to room air temperature differences from –12 to +20 K
Adjustable discharge angle, from –30° to +30°, for switching between heating and cooling mode
For push fitting directly onto circular ducts or as a branch off circular or rectangular ducts; also for installation into walls and bulkheads

Special characteristics
- High discharge momentum, hence large penetration depth in heating mode
- Optimised nozzle contours
- Fixed and adjustable variants
- Discharge angle can be adjusted from –30° to +30°, either manually or with an actuator
- Electric actuator as an option

Nominal sizes
- 100, 125, 160, 200, 250, 315, 400 mm
From nominal size 160 with actuator

Description

Variants
- F: Fixed jet nozzle
- V: Adjustable jet nozzle

Connection
- V-A: For circular ducts (direct connection)
- V-K: For rectangular ducts
- V-R: For circular ducts

Actuator
- Manual adjustment
- E*: Internal or external electric actuator

Parts and characteristics
- Nozzle with acoustically optimised contours

Useful additions
- TDC temperature difference control module

Construction features
- Spigot (optional) suitable for circular ducts to EN 1506 or EN 13180.

Materials and surfaces
Fixed
- Nozzle made of aluminium
- Untreated surface

Adjustable
- Nozzle and face cover ring made of aluminium
- Spherical nozzle casing ring, casing, saddle connector and spigot made of galvanised sheet steel
- Spherical nozzle casing made of plastic, UL 94, V-0, flame retardant, heat resistant up to 50 °C
- Nozzle and face cover ring untreated
- Spherical nozzle casing similar to RAL 9010, white
- P0: Nozzle and face cover ring powder-coated RAL 9010, pure white
• P1: Nozzle and face cover ring 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