

Type AK-Uni



UNIVERSAL PLENUM BOX, AVAILABLE IN MANY VARIANTS

Plenum boxes for supply air and extract air

- For circular and square diffuser faces
- Plenum box made of galvanised sheet steel
- For supply and extract air
- For all types of ceiling systems
- Horizontal duct connection
- Equalising element that ensures a uniform airflow through the diffuser face (supply air variant)
- For comfort zones and industrial zones

Optional equipment and accessories

- Damper blade for volume flow rate balancing
- Pressure tap and cord-operated damper blade for volume flow rate balancing
- Lip seal



Application

- Type AK-Uni plenum boxes for the connection of circular and square diffuser faces to circular ducts, suitable for supply air or extract air applications in comfort and industrial zones
- For diffuser faces of Types VDW, TDV, RFD, FD, TDF, ADD, ADLQ, DLQ, ADLR, and DLQL, with central screw fixing
- For variable and constant volume flows
- For all types of ceiling systems

Special characteristics

- Plenum box made of galvanised sheet steel
- For all types of ceiling systems
- For circular and square diffuser faces
- Horizontal duct connection
- For comfort zones and industrial zones

Variants

- AK-Uni-...-ZL: Supply air
- AK-Uni-...-AL: Extract air

Parts and characteristics

- Casing with spigot and cross bar for fixing the diffuser face
- Equalising element that ensures a uniform airflow through the diffuser face (supply air variant)
- Simple installation of the diffuser face due to central fixing screw with decorative cap

Attachments

- M: Damper blade for volume flow rate balancing
- MN: Pressure tap and cord-operated damper blade for volume flow rate balancing with the diffuser face in place

Accessories

- Lip seal

Construction features

- Spigot suitable for circular ducts to EN 1506 or EN 13180
- Spigot with groove for lip seal (if accessory lip seal has been ordered)

Materials and surfaces

- Casing, cross bar and spigot made of galvanised sheet steel
- Equalising element made of galvanised, perforated sheet steel
- Lip seal made of rubber

Maintenance

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

TEKNISK INFORMATION

Function, Technical data – supply air, Technical data – extract air, Specification text, Order code 

Variants, Dimensions and weight



Installation details, Commissioning, Basic information and nomenclature



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