Installation Instruction

**Installation instruction**

**Single arrangement**
with connection bar VSL

**Band arrangement**
with connection bar VSL

**Hanging INDUL without accessoires**

Easy-span hanger
(customer to supply)
Installation Instruction

Installation instruction

INDUL V with releasable connections between supporting profile and plenum box.

The INDUL AV24, AV124, AV45 and AV145 models can be supplied with a separable connection between the support profile and the plenum box, so that the plenum is cleanable according to VDI 6022. The separable connection is not possible in combination with integral or loose plaster brackets...NG.

Butterfly damper

adjustable at socket

adjustable from room

Note:
INDUL diffusers are supplied with the butterfly damper closed. Once installation has been completed all butterfly dampers must first be opened before carrying out system regulation.
Installation Instruction

Diffusers with integrated brackets

**INDUL type AP and AV with integrated overlay bracket**
Integrated overlay bracket type INDUL...NA
Available for all types

**INDUL type AP and AV with integrated plaster bracket**
Integrated plaster bracket type INDUL...NG
Available for all types

Loose bracket for diffuser type Indul ...W-NA resp. W-NG

**INDUL type AP and AV with loose overlay bracket**
Loose overlay bracket type INDUL...W-NA
Available for all types

**INDUL Type AP and AV with loose plaster bracket**
Loose plaster bracket type INDUL...W-NG
Available for all types

Frontal end bracket for integrated and loose overlay brackets (optional).

Frontal end bracket for integrated and loose plaster brackets (optional).
Installation Instruction

Installation Heights

Correct
Ceiling plates with sharp edges

Acceptable
Ceiling plates with rounded edges

Wrong
Flow deflection and dirt build-up

Installation information
- It is essential to ensure an uninterrupted 90°/150° discharge.
- Optimum installation dimension: approx. 2 mm projection (see details above).
- For safety reasons, no pressure should be applied to the diffuser throat (for example, as a result of thermal-related changes to the length of the ceiling elements).
- INDUL air diffusers are built-in ceiling components. They are not a replacement for necessary static ceiling support structures. This applies regardless of whether you are using integrated or loose brackets.

INDUL-Accessoires

Dummy section installation

Suspension bracket type ABU
for the mounting of dummy sections, non-stamped

Suspension bracket type ABG
for the mounting of dummy sections, rear stamped

Threaded rod and nut (customer to supply)