

Slot Diffuser

- Type VSD15
- with 15 mm wide diffuser face



TROX[®] TECHNİK

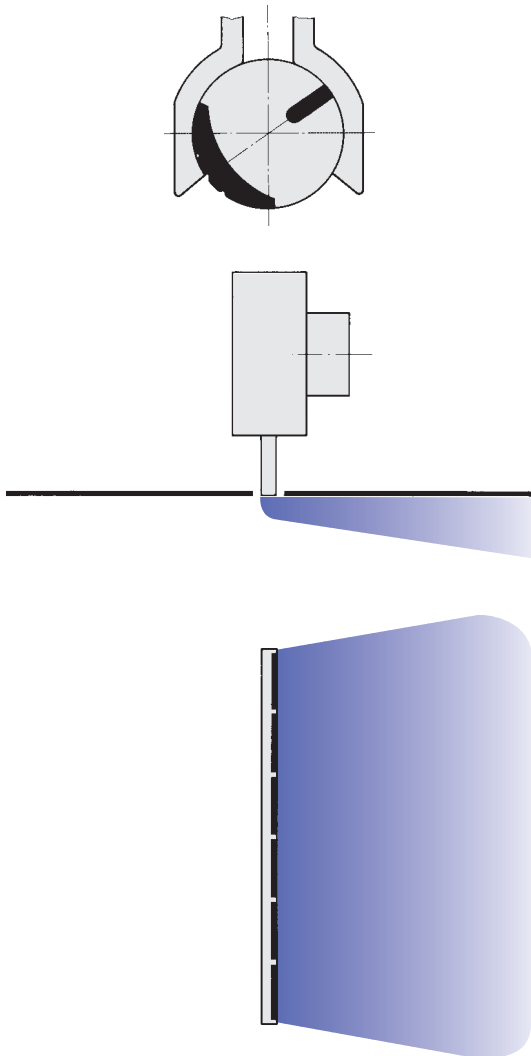
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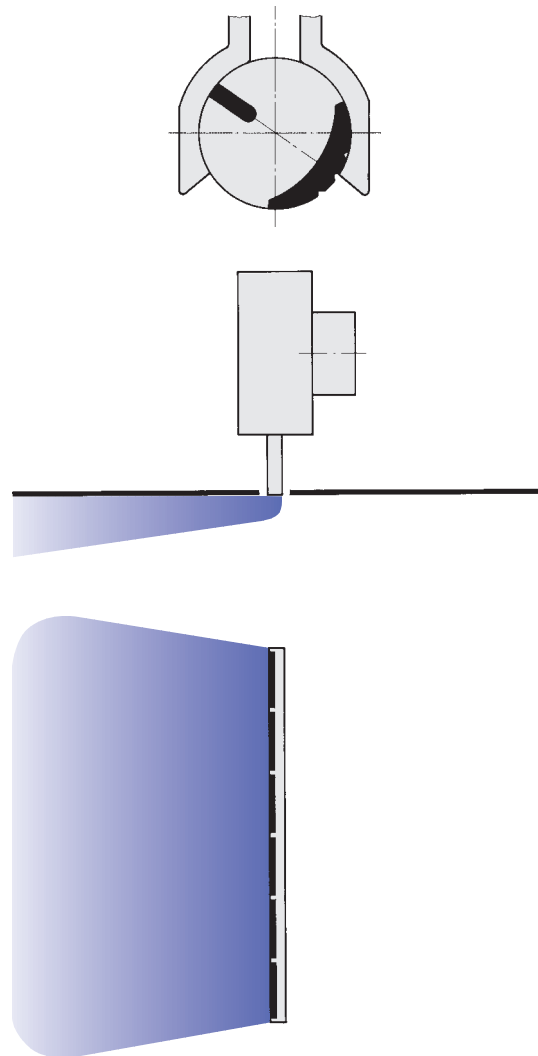
Contents

Air Diffuser Discharge Characteristics (horizontal) _____	2	Nomenclature _____	7
Description _____	3	Acoustic Data _____	7
Air Diffuser Discharge Characteristics (alternating) _____	3	Spectral Data _____	7
Construction · Dimensions _____	4	Aerodynamic Data _____	8
Materials _____	4	Order Details _____	11
Installation · Assembly _____	5		

**Air discharge
horizontal, right**



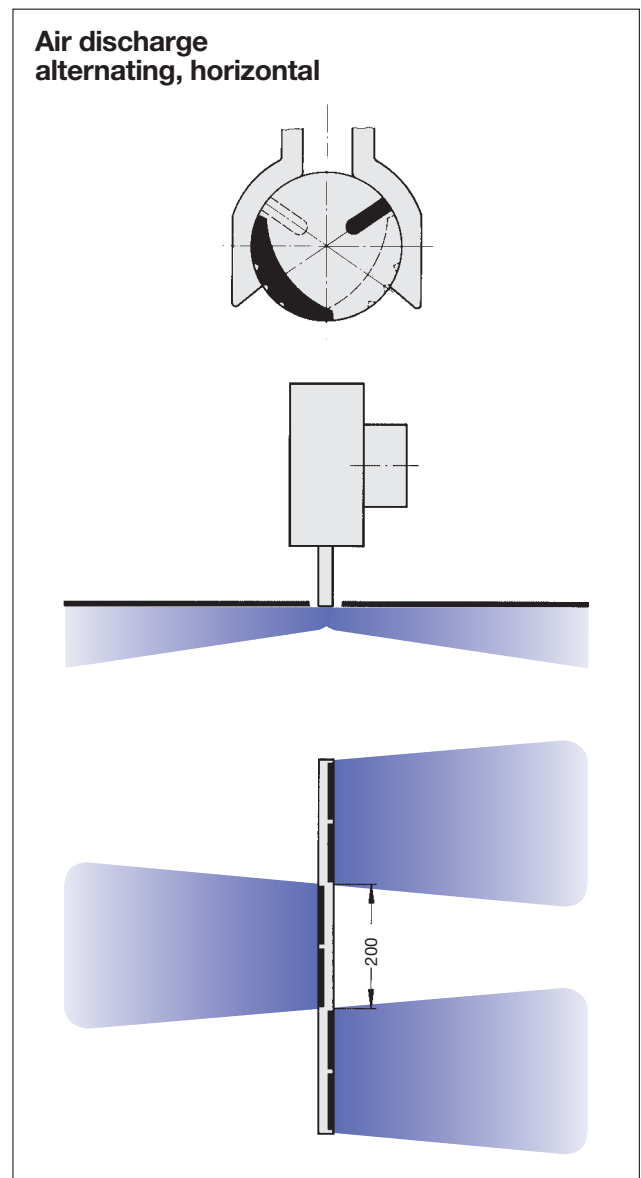
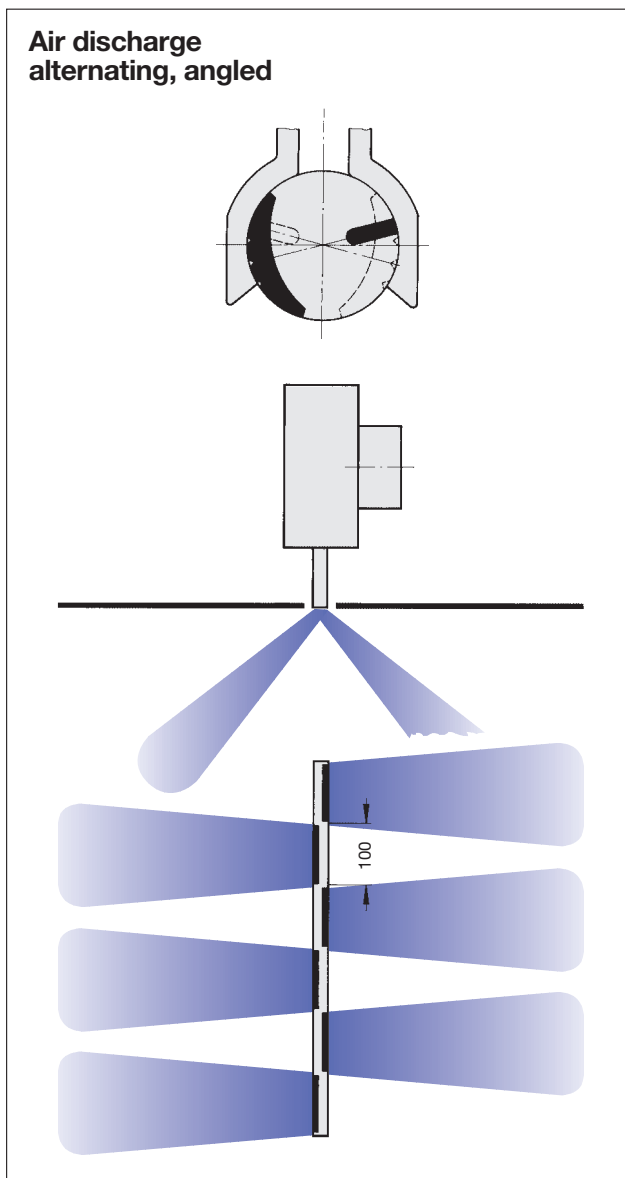
**Air discharge
horizontal, left**



The type VSD15 slot diffuser is ideal for use where suspended ceiling panels leave narrow gaps just 16 mm wide. As air diffusers should be invisible with this type of ceiling design, the slot diffusers are supplied as standard in black (RAL 9005). An anodised finish is required on VSD15, construction Z0 can be supplied natural anodised to E6-C-0. The type VSD15 can be used in rooms with heights from approx. 2.60 m to 4.00 m. These diffusers are characterised by high induction, which results in rapid decay of supply air velocity and temperature differential.

The recommended volume flow range is 8 to 25 l/s/m with a supply air temperature difference of up to ± 10 K. Because of their stable discharge characteristics, slot diffusers are suitable for use in systems with constant or variable volume air flows.

The direction of air discharge can be adapted to the room conditions required. The air control blades are set as specified on the order. If the discharge direction has to be subsequently changed, this can easily be done by rotating the air control blades on site.



Construction · Dimensions · Materials

Construction

The diffuser is supplied with the rear-mounted plenum box, which, if required, can be fitted with internal acoustic lining. The plenum has circular side entry spigot into which can, if required, be fitted volume control damper which can be adjusted from the diffuser face.

The integral border, Z0, can be supplied for constructions A, F and D versions.

Materials

The diffuser face consists of aluminium extruded section. The visible surfaces of VSD15 are black (RAL 9005), powder coated.

Visible surfaces of VSD15-Z0 natural anodised (E6-C-0).

The plenum box is of galvanised sheet steel.

Lining of mineral wool.

