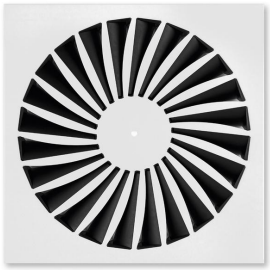
TROX® TECHNIK
The art of handling air



TDV-SILENTAIR

- Swirl diffuser with adjustable air control blades
- For comfort conditioning
- Top or side entry air connection
- For supply or extract air

PRODUCT DESCRIPTION

TROX swirl diffusers of the TDV SilentAIR type are manually adjustable. They enable the flow direction to be adapted to changes in the building structure at any time.

The diffuser face offers an impressive combination of high volume flow and low sound power level. The swirling air discharge results in high induction of the room air, leading to a rapid reduction in air velocity and air stream temperature.

Possible supply air temperature differential ±10 K. The diffuser is available with a round or square front panel, according to the prevailing architectural requirements.

The diffuser is connected to the air duct either from the top or from the side, via the plenum box. Swirl diffusers of the TDV SilentAIR type can be used for supply or exhaust air.

Technology

Circular; Square

30 – 280 l/s
100 – 1,000 m³/h
59 – 589 cfm

Ø 300 – 625 mm
298 – 623 mm