

Fresh air project

TROX components
in TechZone™
ceiling systems



Design initiative: Armstrong® TechZone™ ceilings and TROX slot diffusers

Simply beautiful

- Special installation subframes allow for smooth integration with the TechZone™ ceiling system
- Services blend in perfectly with the ceiling design
- Diffuser faces made from high-quality extruded aluminium sections

Utterly flexible

- Ceiling integration of single diffusers or continuous runs
- Individually adjustable air control elements to meet individual room requirements
- For constant and variable volume flows

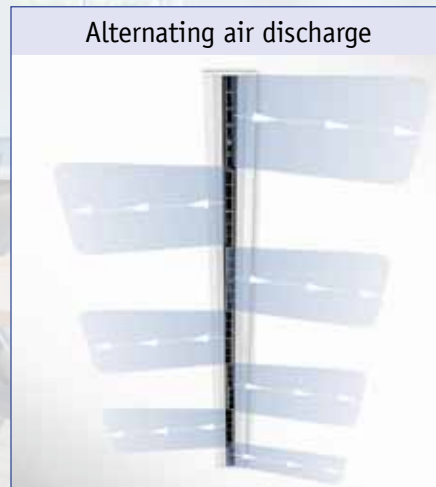
Most comfortable




- Excellent room air quality due to a large volume flow rate range
- Best acoustic properties due to low sound power level
- Very high comfort independent of room usage since high induction leads to a rapid reduction of the temperature difference and airflow velocity

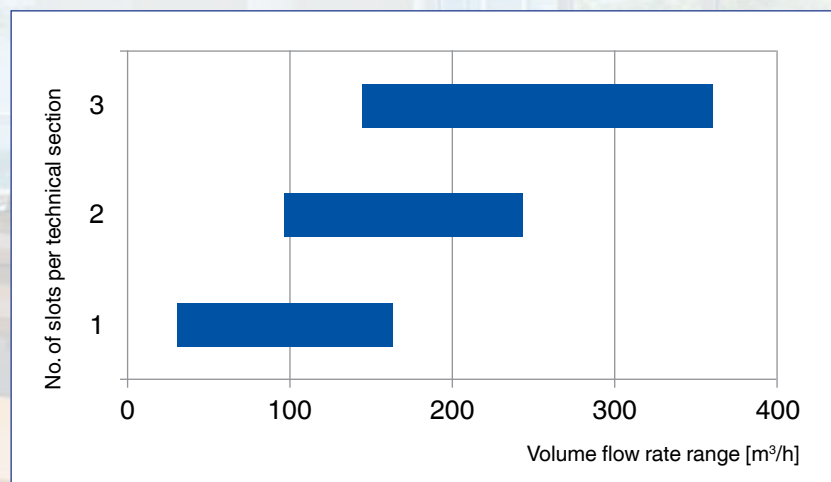
One-way air discharge



Alternating air discharge



| Type | | VSD35-TZ | | |
|---|------|--|---|---|
| Variant | | 1 slot | 2 slots | 3 slots |
| | |  |  |  |
| General information | | | | |
| Width of TechZone™ technical section | mm | 100 | 100 | 150 |
| Spigot diameter | mm | 123 | 123 | 158 |
| Height H1 (including plenum box) | mm | 228 | 258 | 276 |
| TechZone™ solution | | | | |
| Volume flow rate range V_{min} to V_{max} 45 dB (A) | m³/h | 29 ... 163 | 95 ... 242 | 143 ... 357 |
| Cooling capacity at -8 K | W | 78 ... 434 | 252 ... 644 | 381 ... 952 |
| Max. area to be ventilated per technical section according to EN 15251 Cat. II (normal room air quality) | | | | |
| Cellular office | m² | 32 | 47 | 70 |
| Open plan office | m² | 38 | 57 | 85 |
| Conference room | m² | 10 | 15 | 23 |
| Restaurant / canteen | m² | 8 | 12 | 18 |



TROX[®] TECHNIK
The art of handling air

TechZone™ partner

Armstrong[®]
CEILING SOLUTIONS