

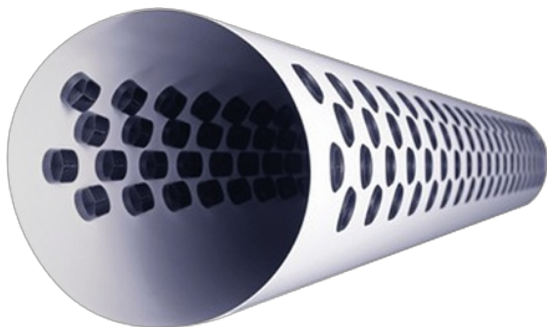
TAILORED COMPONENTS FOR AIR DISCHARGE



TROX has developed bespoke solutions for the special requirements of laboratories.

- Air terminal devices which ensure a rapid change of large air volumes in the lab
- PROCONDIF: Air discharge with the PROCONDIF is ideal for labs as large volume flows can be supplied with only medium supply air to room air temperature differences to selected spots in a room. This results in a homogeneous, lowturbulence air movement in the occupied zone. The diffuser is ideal for supplying air while causing only low induction levels. The velocity profile is achieved by a honeycomb structure with very fine channels of different widths. The 30° discharge angle creates a bell-shaped air pattern, i.e. the supply air does not adhere to the ceiling (Coanda effect).
- Air-water systems and air terminal devices which are easy to clean and meet the hygiene requirements in offices, corridors, toilets and specific lab areas
- Decentralised ventilation systems for offices with an external wall

The PROCONDIF diffuser is also suitable for freely suspended installation. The bell-shaped air pattern supplies fresh air to rooms without causing eddies near fixtures or furniture

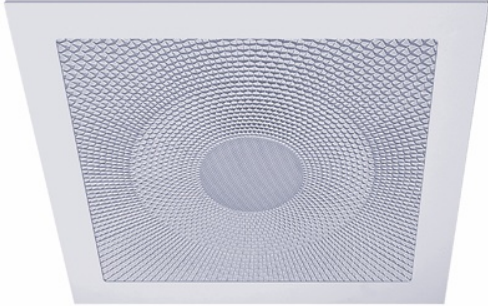


TROX HESCO duct nozzle diffuser An ideal air terminal device for rooms with high air change rates.

72- 2824 m³/h

20 - 785 l/s

500 - 2000 mm



PROCONDIF Profile Controlled Diffusion These diffusers are also an excellent solution for providing supply air from above to sensitive areas in labs, creating a displacement flow in the occupied zone.

280- 600 m³/h

78 - 167 l/s

600 x 600, 625 x 625 mm