



POWERFUL

COMFORTABLE

COOLING

Ceiling induction diffuser DISA 600

- Low mounting height - high power density

Air diffusers

Air to water systems

Ventilation grille

Fire prevention

Sound insulation

Building control system

Living space ventilation

Shut-off devices

Control units

Filter diffusers

Laboratory ventilation
systems



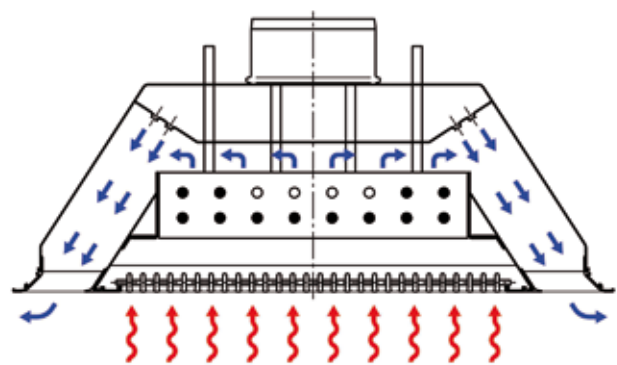
DISA 600

optimally adjusted to grid ceilings

The ceiling induction diffuser type DISA was developed for removing high thermal loads from air-conditioned rooms. It combines the supply of processed fresh air (primary air) required for each room with the advantages of energetic load removal by the medium water. The low overall height of the ceiling induction diffuser type DISA with horizontal heat exchanger is especially suitable for low heights of false ceilings in new buildings and for installing it in rehabilitated buildings. It can be installed either flush with the ceiling or freely suspended below the ceiling. Its two grille versions allow a specific optic design. Its various configuration versions allows the ceiling induction diffuser DISA 600 to be adjusted to the required cooling capacity. In the primary distribution duct, the primary supply air volume can be defined individually by means of the nozzle configurations A, B, C and D, thus allowing the primary air volume to be changed while maintaining the same static pressure. Its mounting heights ranging from 900 mm to 3000 mm also allow it to be adjusted to the required performance.



Available in the lengths (mm): 900, 1200, 1500, 1800, 2100, 2400, 2700 and 3000.
Extensions ranging from 10 to 300 mm as dummy pieces allow a continuous band to be achieved.



Ceiling induction diffuser DISA 600-PA



Ceiling induction diffuser DISA 600-LB

By reducing the proportion of primary air to a necessary minimum, the energy costs are lowered and the height of the air duct system reduced. The primary supply air is mixed with the cooled secondary air and supplied to the room without any draught via one or two air diffusers optimised in terms of ventilation. This improves the thermal comfort inside the room. By adjusting the width to the ceiling grid size of 600, the diffuser can be integrated and mounted much more easily into the common ceiling grid as no fitting pieces are necessary. Easy cleaning of the cooling register and of its surfaces contributes to low maintenance costs.