



Sectional

shut-off facility!

...for optimum space savings

Displacement diffuser outlet

QR-SA

Displacement diffuser outlets type QR-SA

Air conditioning systems for production halls are making increasing use of strategically positioned displacement diffusers in areas occupied by operators, as they provide an enhanced ventilation effect compared to mixed-air outlets or overhead mounted displacement-type outlets.

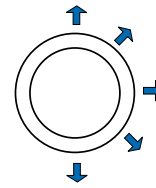
Use of displacement diffusers means that a lower volume of air is required in order to dissipate thermal loads or contamination from manned areas of the hall. This means that money is saved already at the installation phase due to the use of smaller ducts and so on.

Also during running operation, lower energy costs are incurred, as less air has to be conditioned and transported.

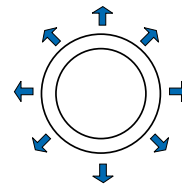
Where space is at a premium, it is sometimes not possible to avoid placing workstations close to displacement diffusers, where air speeds are still high enough in some cases to create a draft sensation. In order to eliminate perceptible drafts even close to displacement diffusers, this outlet model is designed to allow shut off of any optional sections. The shut-off section can range between 120° and 180°, adjustable individually at the displacement diffusers using an adjusting lever.

You too can benefit from the advantages of this displacement diffusers series!

- Shut-off section of between 120° - 180°
- High ventilation efficiency permits a lower air volume, resulting in permanently low energy costs
- Manufactured entirely of galvanized sheet steel, meaning less risk of pollutant emissions in case of fire
- Smooth surface finish permits simple cleaning



Displacement diffuser type QR-SA -1000 – dia. 400
180° open $V_{supply} = 700 \text{ m}^3/\text{h}$ $\Delta T = -4\text{K}$



Displacement diffuser type QR-SA -1000 – dia. 400
360° open $V_{supply} = 700 \text{ m}^3/\text{h}$ $\Delta T = -4\text{K}$

