

Collective static heat exchanger

11051147

SC360R F16 D250 AxB=600x600 (c66.5)

The SC 310 R is a square slotted opening diffuser, operating in up to 4 directions, for standard ceiling tile.



PRODUCT BENEFITS

- for 600x600 and 675x675 mm suspended ceiling tiles,
- circular connection for faster installation,
- up to 4 airflow directions, adjustable on site.

Principles of operation

The SC 360 R diffuser is installed in the place of a standard 600x600 or 675x675 mm suspended ceiling tile. It diffuses air in up to 4 directions using individually adjustable deflectors.

Product description

The SC 360 R is a square slotted opening air supply diffuser, operating in up to 4 directions using individually adjustable deflectors. It is installed in place of 600x600 and 675x675 ceiling panels. Diffuses air in HVAC systems. This diffuser is made of steel with epoxy coating RAL 9003 white 30% gloss. It features concealed attachments and is connected directly to a circular duct or using an NE plenum.

Fields of application

Non-residential buildings

Installation

The SC 360 R diffuser is installed flush with the ceiling. It can be connected directly to the ducting or using an NE plenum with a side branch connection, which will enable the air to expand and offer more homogeneous diffusion.

Reference arguments

- Removable slotted plate.
- Designed based on a SC 310 R or SC 319 R standard diffuser built into a steel compensation plate.
- Steel finish, epoxy paint RAL 9010 white.
- Concealed attachment to concrete slab using F16 brackets fitted to diffuser. Note: the weight of the diffuser must not be borne by the suspended ceiling framework. Use the suspension cables on page xxx.
- Direct connection to circular duct.
- Heat-insulated version to avoid any risk of condensation in air conditioning applications.

Main characteristics

- SC 360R slotted square adjustable opening diffuser,
- up to 4 airflow directions with individually adjustable deflectors,
- steel with epoxy coating:
 - standard: RAL 9010 white matt 30%,
 - optional other RAL.
- concealed attachment to concrete slab using tabs fitted on diffuser (F16 attachment method),
- connection:
 - directly to a circular duct,
 - using a plenum.
- flush installation on ceiling to replace 600x600 or 675x675 mm tile,
- concealed attachment:
 - F0: lateral screws in neck,
 - F16: with 3 attachment tabs riveted to shell.
- connection to circular ducting:
- thermal insulation on outside of shell (optional).

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Supplementary characteristics

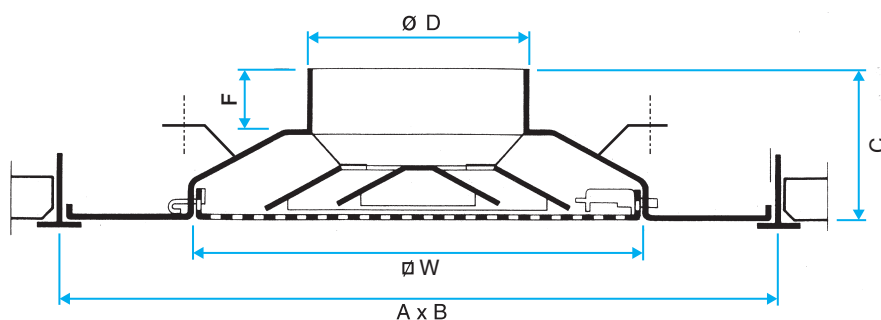
- accessories:
 - BR damper,
 - galvanised steel plenum with side branch connection (NE).

Accessories

Description	Variants
BR CIRCULAR DAMPER D250	11053222

Dimensional data

Variants	A x B* (mm)	C (mm)	F (mm)	H3 (mm)	L x H (mm)	W (mm)	Ø D (mm)
11051147	600X600	122	60	380	600X600	480	250



Airflow data

Variants	Comfort airflow for Lw 40 dB(A) (extract with filter) (m³/h)	Comfort airflow for Lw 40 dB(A) (air supply) (m³/h)
11051147	650	600