

Ceiling diffuser

11051022

SC 831 F1 D250 RAL9010 STD

The SC 831 is a steel concentric circular diffuser for fixed-rate air diffusion and horizontal airflow.



SC 831 F1 D250 RAL9010std

PRODUCT BENEFITS

- easy to install,
- RAL 9010 white finish.

Principles of operation

The SC 831 can be installed directly on a duct or in the ceiling using a connection plenum. It delivers a fixed rate, homogeneous horizontal airflow.

Product description

The SC 831 is a fixed concentric circular steel diffuser for air distribution in ventilation or air conditioning systems in commercial buildings. It can be connected directly to a duct or a plenum to deliver a fixed, horizontal, and homogeneous airflow. The diffuser is made of steel with an epoxy paint finish, RAL 9003 white 30% gloss.

Fields of application

Non-residential buildings

Installation

The SC 831 diffuser is installed on the ceiling. The visible screw attachment is made on the outer cone or to an exposed duct, using the mounting ring.

Reference arguments

- Pressed steel circular cones, surface-mounted.
- Steel finish, epoxy paint RAL 9010 white.
- Visible screw attachment to ceiling in external cone and FR attachment ring or BY damper.
- Connection to circular ducts.

Main characteristics

- SC 831 fixed concentric circular steel diffuser,
- pressed steel concentric circular cone,
- steel with epoxy paint:
 - standard: white RAL 9003 30% gloss,
 - option: other RAL.
- attachment:
 - visible screw attachment to ceiling on outer cone,
 - circular circuit connection with FR mounting ring or BY damper.
- connection:
 - on circular ducts, diameters from 160 to 355 mm,
 - using a plenum.

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Supplementary characteristics

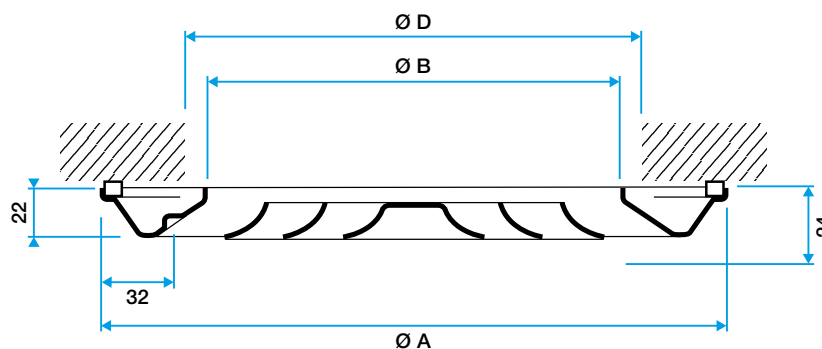
- accessories:
- FR steel mounting ring,
- BY steel damper also used as mounting ring,
- LRE galvanised steel connection plenum.

Accessories

Désignations	References
PLENUM LRE842/883 FO D250/250	11053313
BY CIRCULAR DAMPER D250	11053182
LRE Plenum diff circular FO D250 PC cfg	11053348
LRE Plenum insul 5 sides diff circular FO D250 PC cfg	11053368

Dimensional data

References	E (mm)	Ø A (mm)	Ø B (mm)	Ø D (mm)
11051022	35	334	238	250



Diffuseur SC 831

Airflow data

References	Comfort airflow < 35 dB(A) (m³/h)
11051022	600