

Counterflow heat exchanger**11051083**
SF 861 T F0 D250 AxB=600x600 (c25)

The SF 861 T is a fixed swirl jet ceiling diffuser for air diffusion in commercial buildings.

**PRODUCT BENEFITS**

- designed for 600 x 600 mm suspended ceiling tiles,
- efficient diffusion, easy to install,
- excellent mixing rate.

Principles of operation

The SF 861 T diffuser is installed in place of a standard 600 x 600 mm ceiling tile. It delivers a fixed swirl jet diffusion for high mixing capacity and rapid homogenisation of temperatures.

Product description

The SF 861 T is a fixed high-induction swirl jet diffuser for ventilation or air conditioning systems in commercial buildings with 600 x 600 cm suspended ceiling tiles. It delivers a high mixing capacity for fast homogenisation of temperatures. It is ideal for air conditioning systems handling large temperature differences and low-ceiling rooms. It is made of steel with an epoxy coating RAL 9010 white 85% finish.

Fields of application

Non-residential buildings

Installation

The SF 861 T diffuser is installed in the place of a standard ceiling tile using the concealed screw attachment to fix the diffuser to the side of the plenum. The system must be attached to the concrete slab using tabs on the plenum.

Reference arguments

- Steel body and diffusion vanes.
- Designed using a standard SF 861 diffuser built into a steel plate.
- Connection to circular duct or LRE plenum.
- Steel with epoxy paint finish RAL 9010.
- Concealed attachment using a screw on the neck of the diffuser.

Main characteristics

- fixed high-induction swirl jet ceiling diffuser,
- steel body and vanes,
- based on standard SF 861 diffuser built into a steel plate,
- connection to circular duct or LRE plenum,
- installed in place of a standard 600 x 600 mm ceiling tile,
- epoxy coating RAL 9010 white 85%,
- concealed screw attachment in diffuser neck.

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Supplementary characteristics

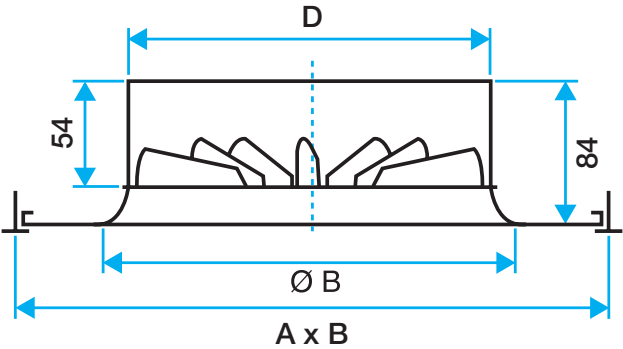
- accessories:
- BR: butterfly damper with 2 V-shaped steel flaps,
- LRE connection plenum with side connection.
- optional airflow splitter,
- available in basic version or insulated on 2 or 5 sides.

Accessories

Description	Variants
PLENUM LRE842/883 F0 D250/250	11053313
BR CIRCULAR DAMPER D250	11053222
LRE Plenum diff circular F0 D250 PC cfg	11053348
Distribution box LRE with side connection	11053368

Dimensional data

Variants	A x B* (mm)	C (mm)	H1 (mm)	P (mm)	Ø B (mm)	Ø D (mm)	Ø plenum connection (mm)	Dimensions A x B (mm)
11051083	600X600	315	300	400	300	250	250	600X600



Airflow data

Variants	Comfort airflow < 35 dB(A) (m³/h)
11051083	280