

**Counterflow heat exchanger****11051109****SR 861 F0 D315 (c31) RAL9010-85%**

The SR 861 is a fixed high-induction swirl jet diffuser for air diffusion in commercial buildings.

**PRODUCT BENEFITS**

- ideal for cooling,
- excellent mixing rate.

**Principles of operation**

The SR 861 diffuser can be installed in any type of ceiling. It offers fixed swirl jet diffusion ideal for air conditioning systems handling large temperature differences and low-ceiling rooms.

**Product description**

The SR 861 is a high-induction swirl jet diffuser for air diffusion in ventilation or air conditioning systems in commercial buildings. It offers 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. Available in diameters from 125 to 315 mm.

**Fields of application**

Non-residential buildings

**Installation**

The SR 861 diffuser is installed in a suspended ceiling using a concealed screw attachment on the sides of the diffuser or on a plaster / BA13 ceiling using a visible attachment with the centre screw and a bridge. The system must be attached to the concrete slab using the tabs on the plenum.

**Reference arguments**

- Steel body and diffusion vanes.
- Steel finish, epoxy paint RAL 9010 white.
- Concealed attachment using a screw on the neck of the diffuser.

**Main characteristics**

- fixed swirl jet ceiling diffuser,
- high mixing capacity for fast homogenisation of temperatures,
- ideal for air conditioning systems with large temperature differences and low ceilings,
- steel body and vanes,
- circular diffuser with circular connection,
- epoxy coating RAL 9010 white 85%,
- attachment:
  - concealed screw attachment in diffuser neck,
  - visible central screw and bridge.

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### Supplementary characteristics

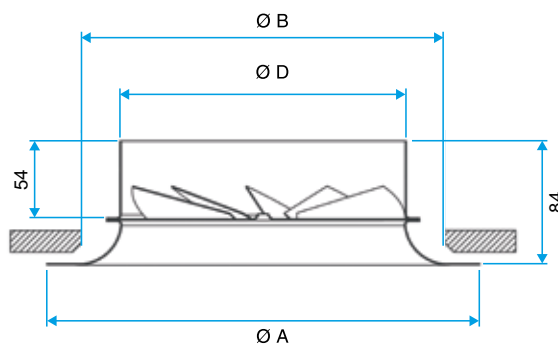
- accessories:
  - BR: butterfly type damper with 2 V-shaped vanes,
  - LRE connection plenum with side branch connection.
- optional flow splitter,
- available in standard version or insulated on 2/5 sides.

### Accessories

Description	Variants
PLENUM LRE842/883 F0 D315/315	11053314
BR CIRCULAR DAMPER D315	11053223
LRE Plenum diff circular F0 D315 PC cfg	11053349
Distribution box LRE with side connection	11053369

### Dimensional data

Variants	P (mm)	Ø A (mm)	Ø B (mm)	Ø D (mm)	Ø plenum connection (mm)
11051109	460	415	385	315	315



### Airflow data

Variants	Comfort airflow < 35 dB(A) (m³/h)
11051109	420