

Counterflow heat exchanger

11002943
SF 785 500x500

The SF 785 is a square adjustable swirl jet diffuser for air diffusion in commercial buildings.



PRODUCT BENEFITS

- swirl jet diffuser,
- ideal for systems requiring high mixing rate.

Principles of operation

The SF 785 can be installed in any type of plaster or BA13 ceiling, or in a suspended ceiling. This adjustable square diffuser delivers air in a swirl jet.

Product description

The SF 785 is a steel adjustable swirl jet ceiling diffuser for ventilation or air-conditioning systems in commercial buildings. This diffuser offers rapid homogenisation of temperatures. It is especially suited to systems with high mixing rates and low effective room heights. It is available in several dimensions from 400 x 400 to 825 x 825 mm (including 600 x 600 mm for suspended ceiling tiles). It features an epoxy coating RAL 9010 white 85% with plastic deflectors, RAL 9005 black.

Fields of application

Non-residential buildings

Installation

The SF 785 diffuser is installed in suspended ceilings using a concealed screw attachment on the side of the diffuser. Visible attachment using central screw and bridge for plaster or BA13 plasterboard ceilings. The system must be attached to the concrete slab using tabs on the plenum.

Main characteristics

- adjustable steel swirl jet diffuser,
- rapid homogenisation of temperatures,
- high mixing rate,
- low effective ceiling heights,
- available in version 400 x 400 to 825 x 825 mm or for 600 x 600 mm suspended ceiling tiles,
- epoxy coating RAL 9010 white 85% with plastic deflectors RAL 9005 black,
- adjustable black PE vanes,
- attachment to plenum using central screw (F7) for plaster or BA13 type fixed ceilings,
- concealed attachment to concrete slab using tabs on connection plenum.

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Supplementary characteristics

• accessories:

- RE connection plenum with side branch connection,
- RT connection plenum with top branch connection,
- built-in flow splitter.

