

**Swirl jet diffuser****11051130****SF 785 F7 400x400 RAL9003-30%**

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



SF 785 F7 400x400 RAL9010-85%

**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 to 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.

**Reference arguments**

- Steel with epoxy paint finish, RAL 9003 white 30%.
- Adjustable vanes made of black polypropylene (SF 785) or fixed steel vanes (SF 786).
- attachment to plenum using central screw (F7). This attachment method is compatible with non-removable plaster or BA13 plasterboard ceilings.
- Concealed attachment to concrete slab using brackets on connection plenum. Use suspension cables.

**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.

**Supplementary characteristics**

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

**Accessories**

Désignations	References
RE780 PLENUM / SF785-786-775	11002950

Swirl jet diffuser

11051130

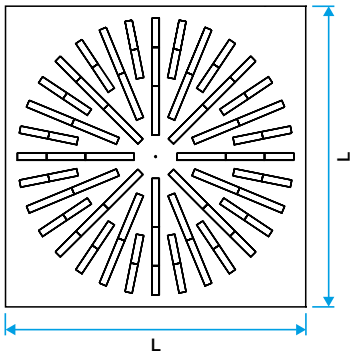
SF 785 F7 400x400 RAL9003-30%

General data

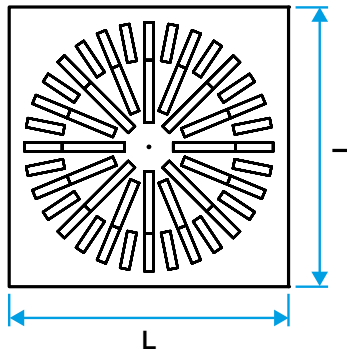
References	Number of slots
11051130	16

Dimensional data

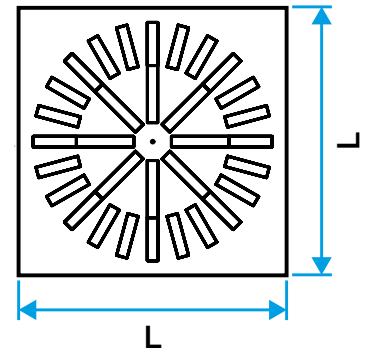
References	C (mm)	H1 (mm)	H2 (mm)	Ø D (mm)
11051130	360	200	290	200



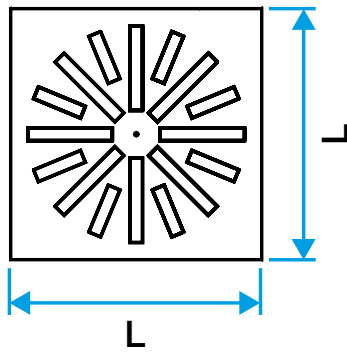
Diffuseur SF 785 Dimension 825 x 825



Diffuseur SF 785 Dimension 600 x 600



Diffuseur SF 785 Dimension 500 x 500



Diffuseur SF 785 Dimension 400 x 400

Airflow data

References	Comfort airflow < 35 dB(A) (m³/h)
11051130	250