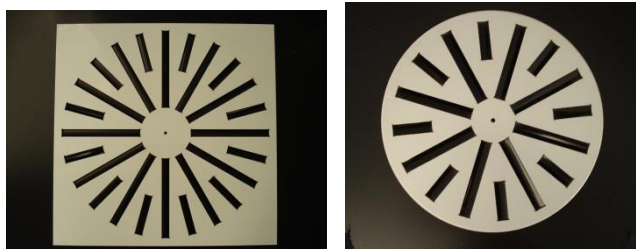


TYPE SW – 1100 / SW – 1150

SWIRL CEILING DIFFUSERS



DESCRIPTION

The **SW-1100/SW-1150** diffusers are designed for air supply applications in premises with standard height ceilings (2.60 – 4.00) m.

Their main characteristics are:

- Ideal blend of supply and room air due to their radial blade arrangement.
- Adjustable blades for radial and vertical air throw pattern allow for changing the supply angle to adjust the diffuser for different environments or to facilitate changes in room layout and partitions, even after the installation.
- Constructed for the modern architectural aesthetics.
- The diffusers can also be used for air extraction applications (without the adjustable blades) to create a uniform result on the false ceiling.

AVAILABLE TYPES

The **SW** diffusers are available either square (**SW-1100**) or circular (**SW-1150**). Depending on the blades' arrangement there are available with radial arrangement (type **R**) and with radial inclined arrangement (type **T**). In addition, some sizes are available with square radial arrangement (type **S**).

NOMINAL SIZES

The **SW-1100/SW-1150** diffusers are available in the following sizes:

SW-1100	SW-1150
(200 x 200)/8	Φ 200/8
(300 x 300)/8	Φ 300/8
(400 x 400)/16	Φ 400/16
(500 x 500)/24	Φ 500/24
(600 x 600)/24	Φ 600/24
(600 x 600)/48	Φ 600/48
(800 x 800)/72	Φ 800/72

We highlight that:

- The order dimensions are the **overall** dimensions.

ACCESSORIES

- Plenum box.
- Crossbar for concealed fixing.
- Circular volume damper on the plenum box's circular connection.

INSTALLATION – FIXING

The diffuser has no holes on the frame; it is fixed on the plenum box by means of crossbar and central screw.

The diffuser is also available in (60 x 60) cm tile for installation on modular ceilings. (Type **SW-P**).

AIR FLOW CONTROL

The air flow can be adjusted in a swirling horizontal discharge or in a vertical discharge by adjusting the blades.

MATERIALS

Face plate: Galvanized steel sheet. The plate can be powder coated in RAL colour.

Blades: Anodized aluminium or powder coated in black colour.

Volume damper: Galvanized steel sheet.

Crossbar: Galvanized steel.

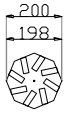

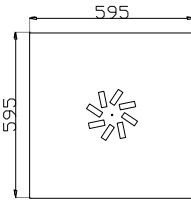
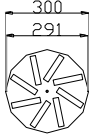
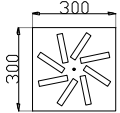
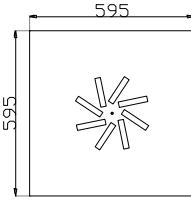
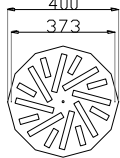
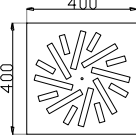
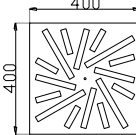
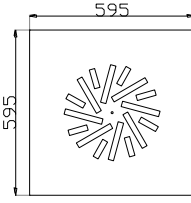
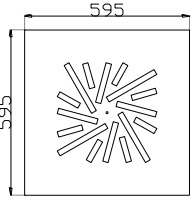
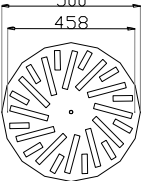
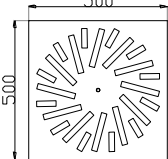
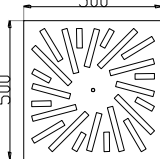
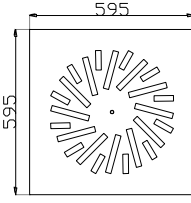
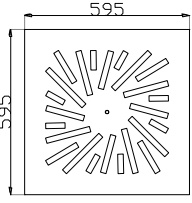
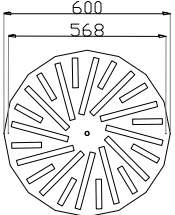
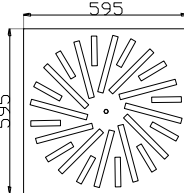
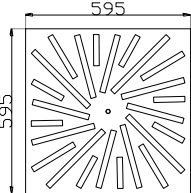
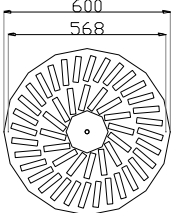
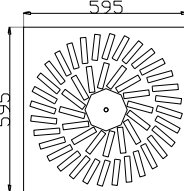
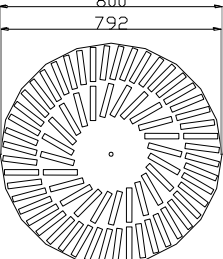
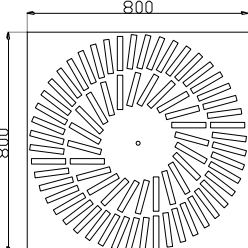
SPECIFICATION TEXT

Swirl ceiling diffuser of square or circular shape with adjustable blades, consisting of face plate from galvanized steel and blades of aluminium. The blades can be individually adjusted to discharge air in horizontal throw pattern. With optional volume damper and/or plenum box. Available also in (60 x 60) cm tile.



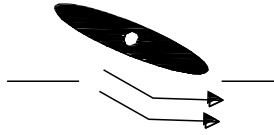
SIZE	SW-1150-R	SW-1100-R	SW-1100-R-S	SW-1100-R-P	SW-1100-R-S-P
200x8					
300x8					
400x16					
500x24					
600x24					
600x48					
800x72					



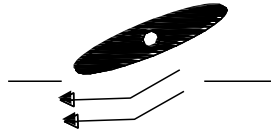
SIZE	SW-1150-T	SW-1100-T	SW-1100-T-S	SW-1100-T-P	SW-1100-T-S-P
200x8					
300x8					
400x16					
500x24					
600x24					
600x48					
800x72					



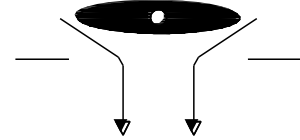
AIR FLOW PATTERNS



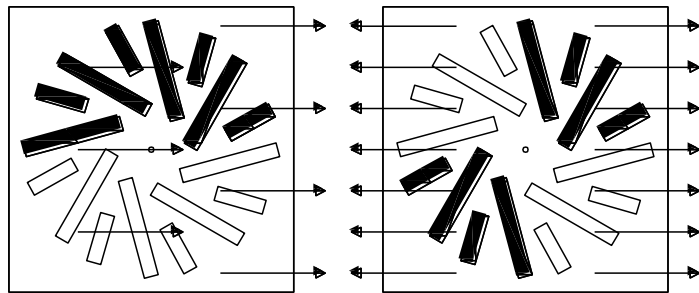
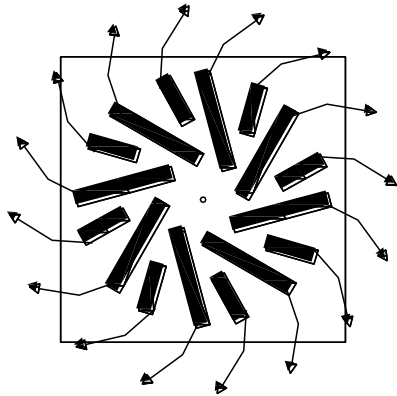
"A"



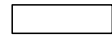
"B"



"C"



Blades in "A" position



Blades in "B" position

