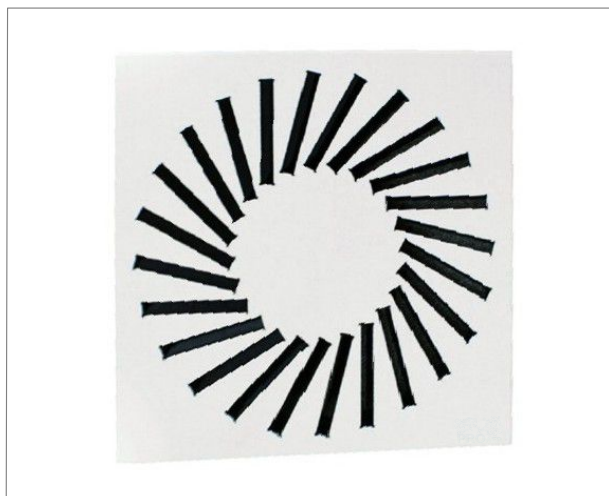


Square swirl diffuser with adjustable blades

SWR-1



Specifications

Square swirl diffuser with adjustable blades.

Used for supply, exhaust or recirculation in ventilation systems.

Material

Steel plate.
Plastic adjustable blades.

Finish

Standard finish: white RAL9003, with black RAL9005 blades.

Optional finishing:
- different RAL (extra cost)

Note: the blades will be always black RAL9005 finish.

Mounting / Fixing

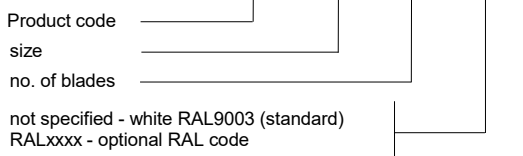
Mounting on standard or cassette ceiling (inside).

Fixing in plenum box with crossbar **BW** (extra cost).

Optional accessories

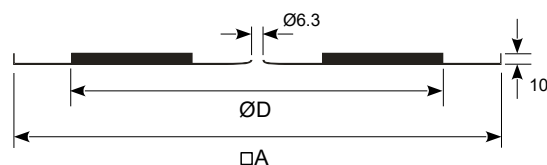
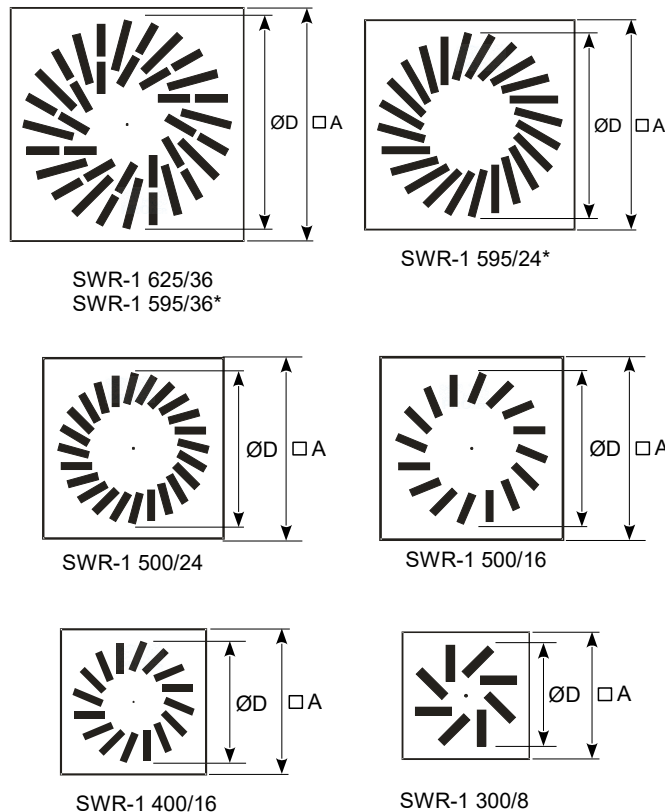
Plenum box – **PL** (extra cost).
Fixing systems.

Order code: **SWR-1 595 / 24** + *



* optional accessories

Technical data



Standard sizes

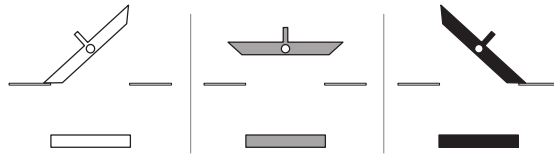
Dimensions	no. of blades	□A	ØD
625/36	36	620	560
595/36*	36	595	530
595/24*	24	595	530
500/24	24	498	430
500/16	16	498	430
400/16	16	398	340
300/8	8	298	240

*external size AxB 595x595 for cassette ceiling system.

There are no other sizes available.

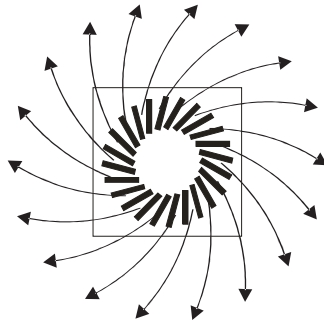
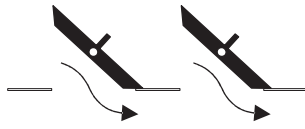
Square swirl diffuser with adjustable blades

SWR-1

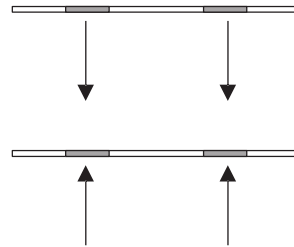
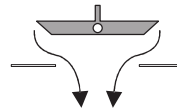


Blade orientation

Flow pattern

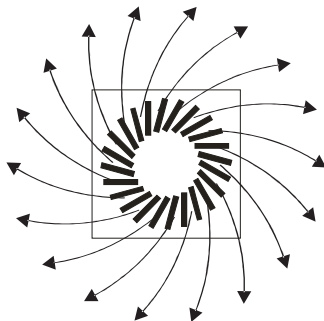


Uniform horizontal diffusion.
Wide dispersion airflow.
Used for supply.

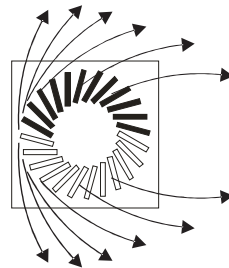


Vertical diffusion.
Used for supply, exhaust
or recirculation.

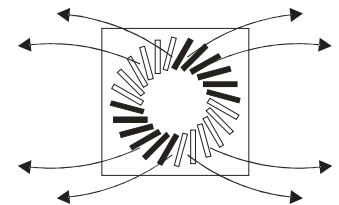
Flow pattern



Uniform circular diffusion



Semicircular diffusion

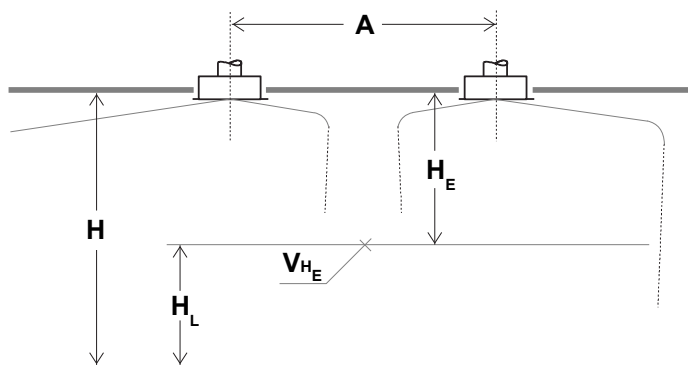


Bidirectional diffusion

Square swirl diffuser with adjustable blades

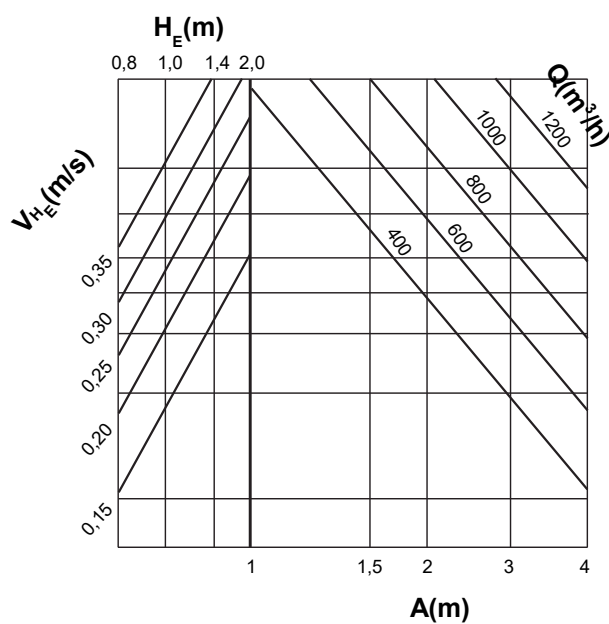
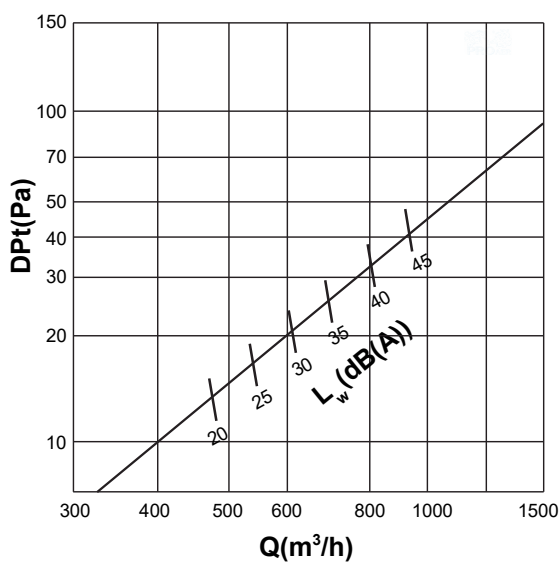
SWR-1

Technical data



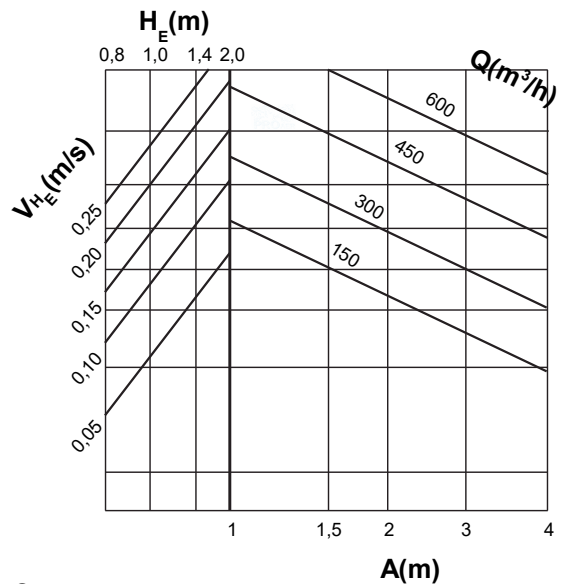
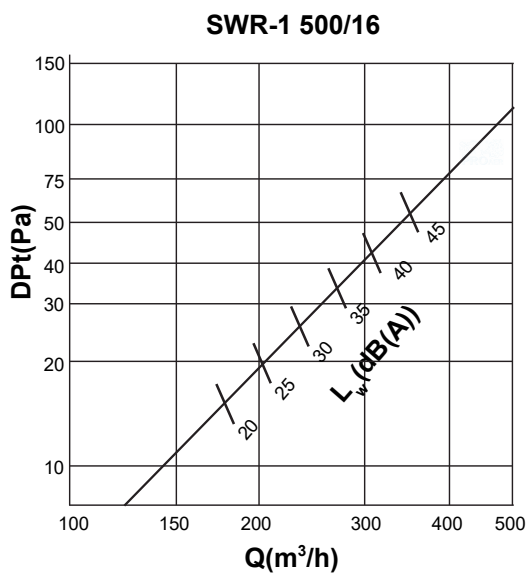
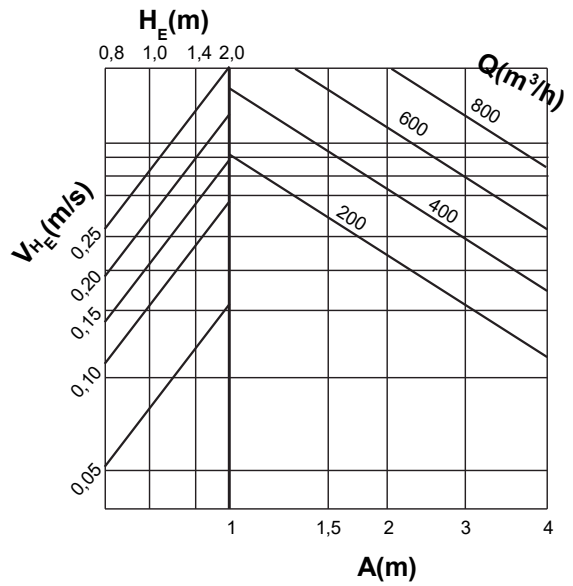
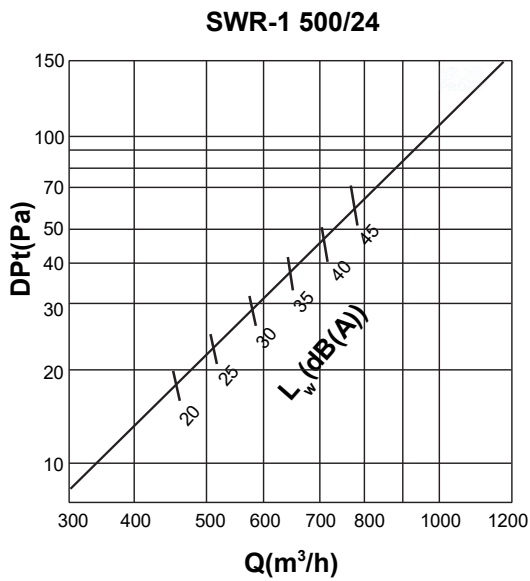
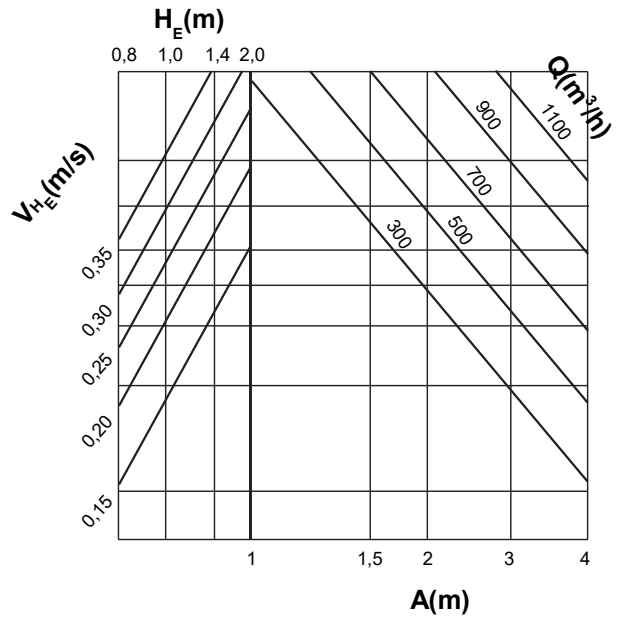
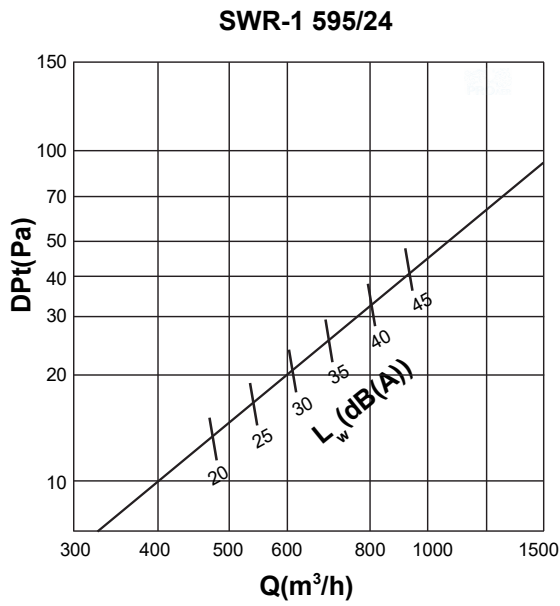
$H = 2,5\sim 4,0$ m (room height)
 $H_L = 1,8$ m (occupied area)
 $H_E = H - H_L$ (m)
 $A =$ distance (m)
 $V_{H_E} =$ air velocity when entering in zone H_L (m/s)

SWR-1 625/36
SWR-1 595/36



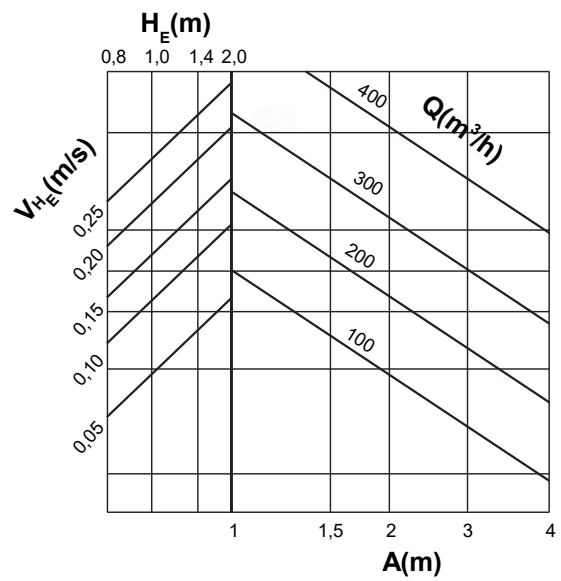
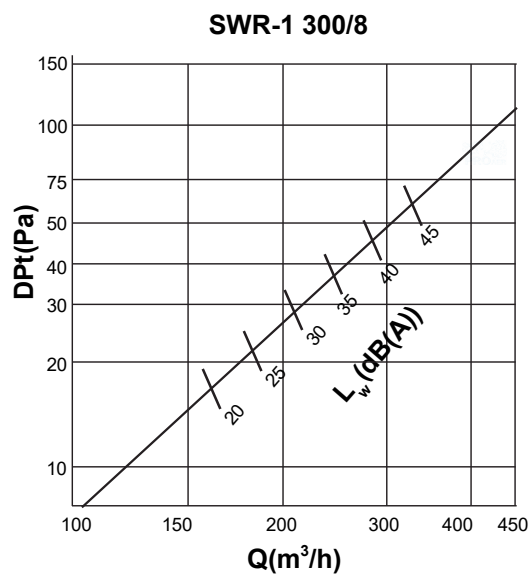
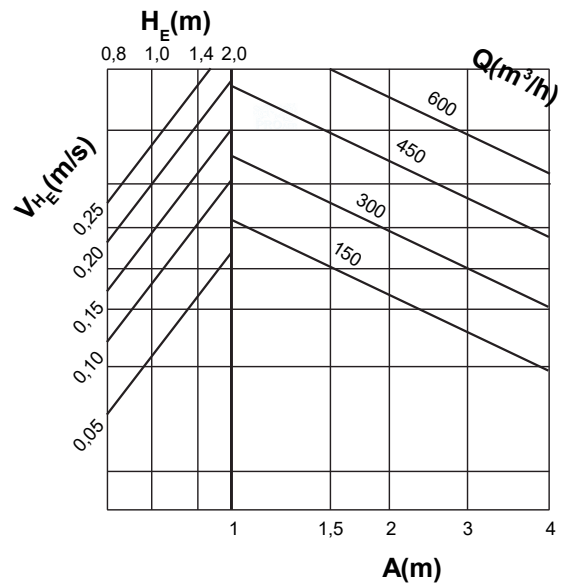
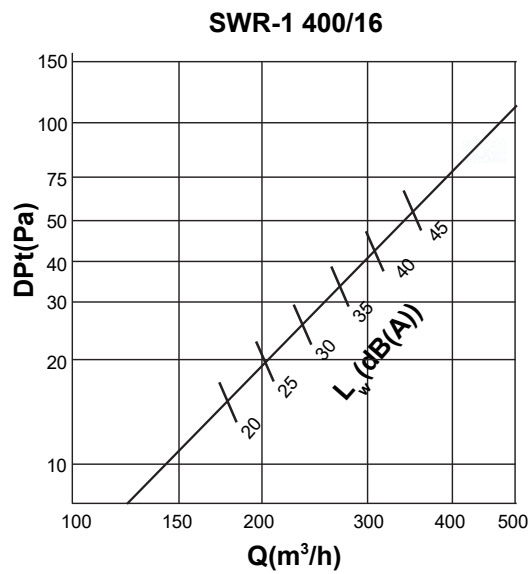
Square swirl diffuser with adjustable blades

SWR-1



Square swirl diffuser with adjustable blades

SWR-1

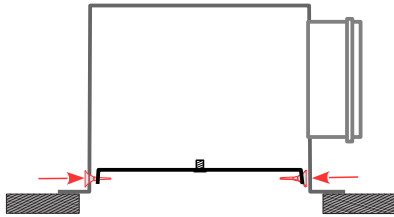


Square swirl diffuser with adjustable blades

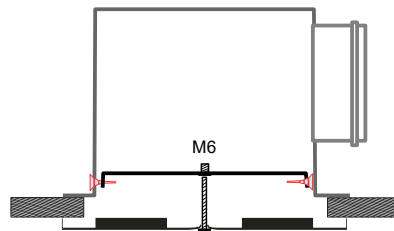
SWR-1

Mounting

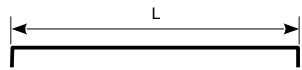
Note: Plenum box **PL** and crossbar **BW** are not included (extra cost).
The crossbars are not delivered mounted in plenum box.



1. Adjust and mount the crossbar **BW** into the plenum box



2. Attach the diffuser with M6x80 screw to the crossbar



Crossbar **BW**

SWR-1	L
625/36	580
595/36 595/24	550
500/24 500/16	450
400/16	360
300/8	260