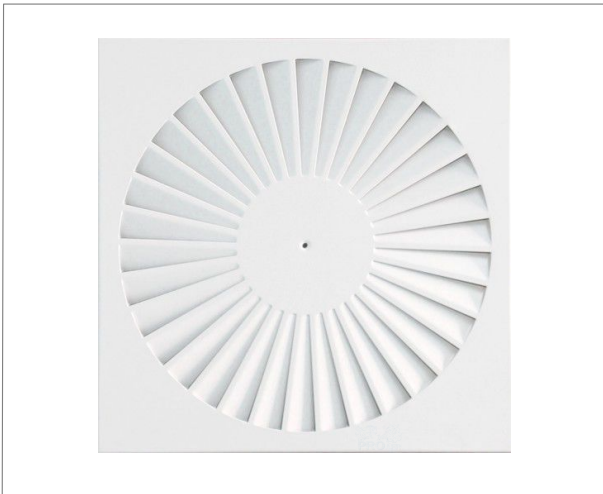


Square swirl diffuser with fixed blades

SWA-1



Specifications

Square swirl diffuser with 24 radial fixed blades.
Used for supply, exhaust or recirculation in ventilation systems.

Material

Steel plate.

Finish

Standard finish: white RAL9003.
Optional finishing: different RAL (extra cost).

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.

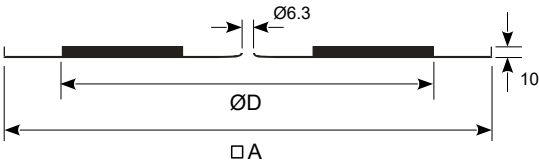
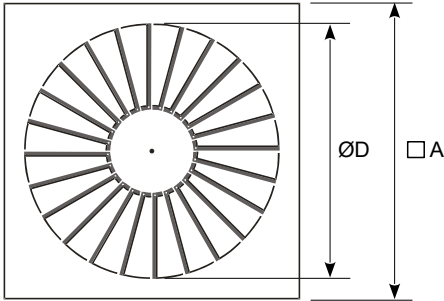
Order code: **SWA-1** **595** **+ ***

Product code _____
size _____

not specified - white RAL9003 (standard)
RALxxxx - optional RAL code _____

* optional accessories

Technical data



Standard sizes

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

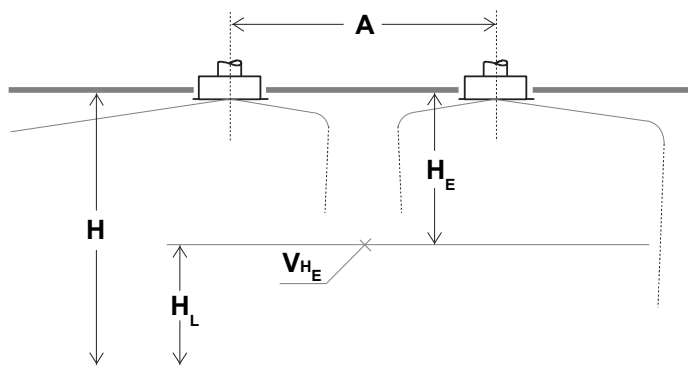
*external size AxB 595x595 for cassette ceiling system.

There are no other sizes available.

Square swirl diffuser with fixed blades

SWA-1

Technical data



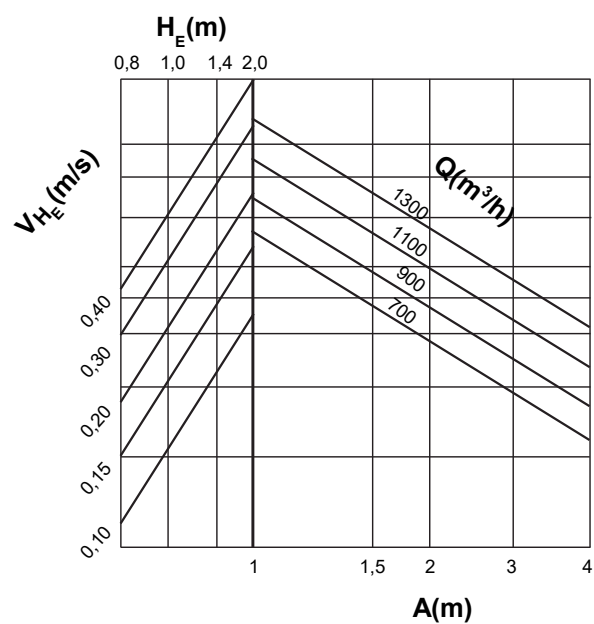
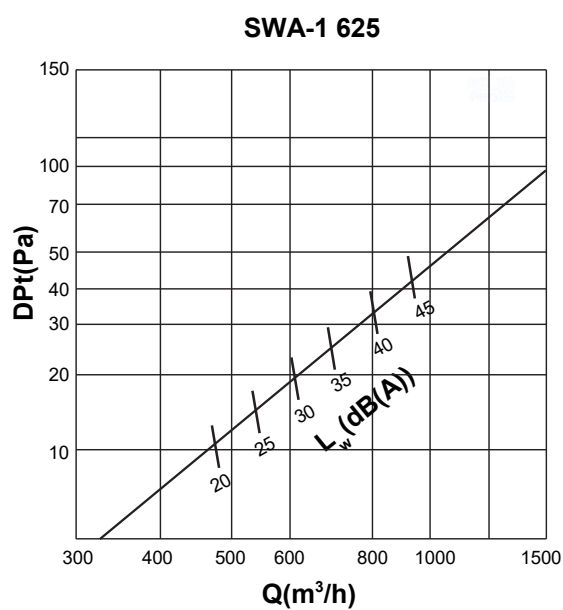
$H = 2,5 \sim 4,0$ m (room height)

$H_L = 1,8$ m (occupied area)

$H_E = H - H_L$ (m)

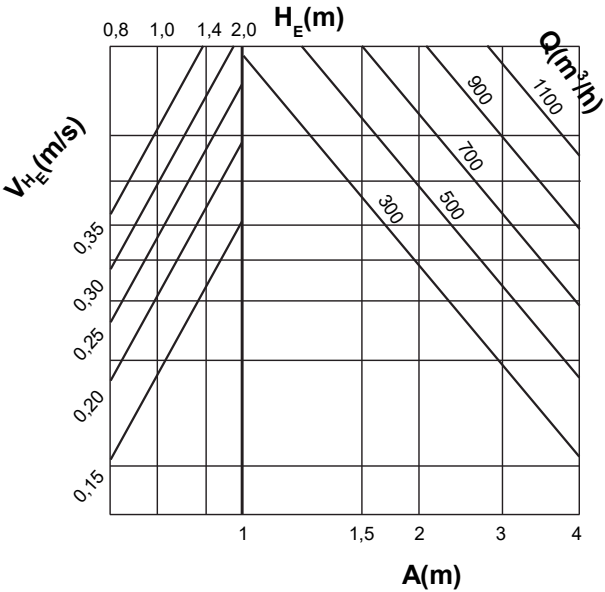
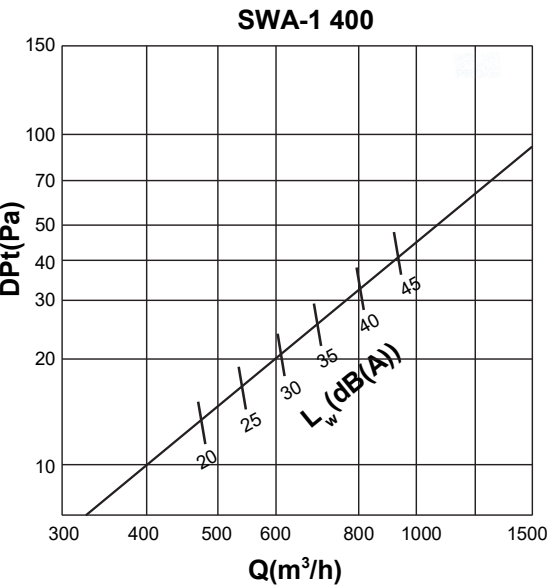
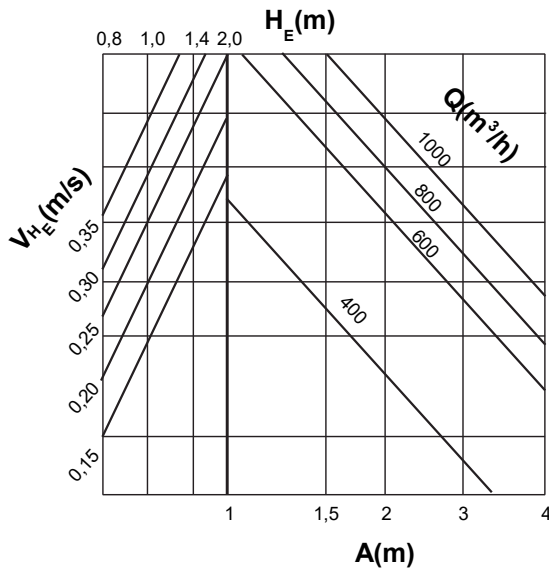
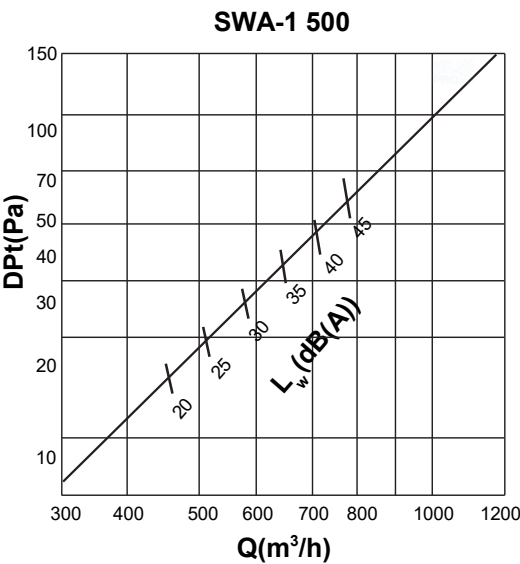
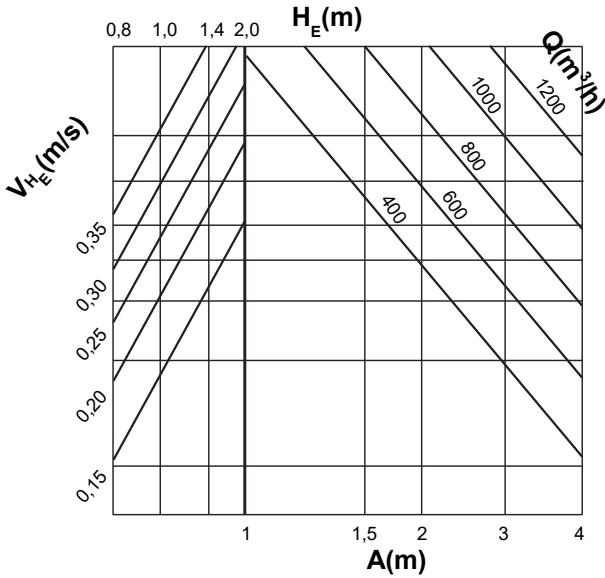
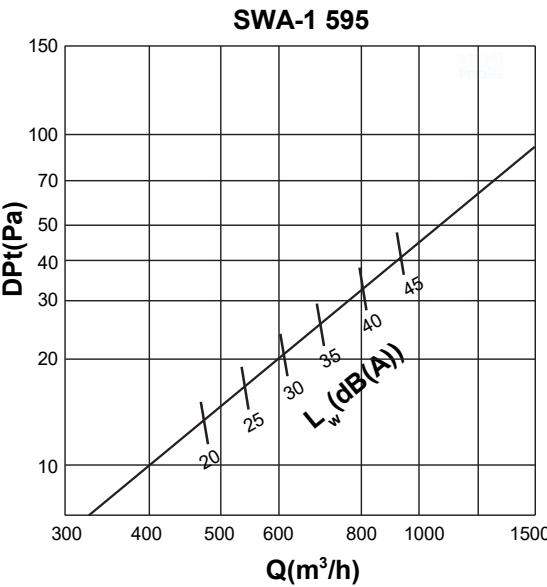
A = distance (m)

V_{H_E} = air velocity when entering in zone H_L (m/s)



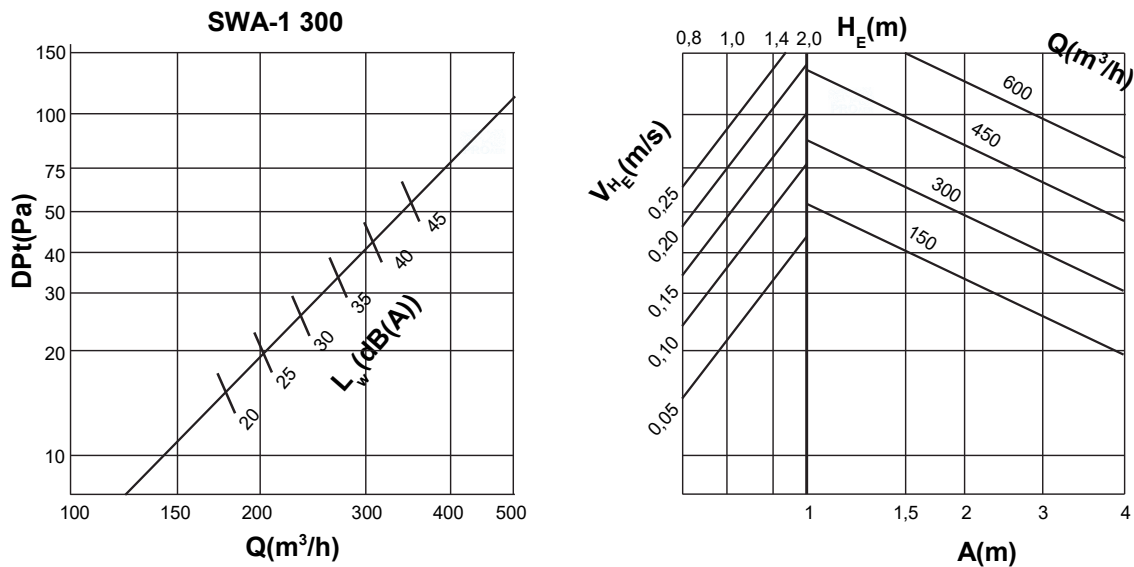
Square swirl diffuser with fixed blades

SWA-1



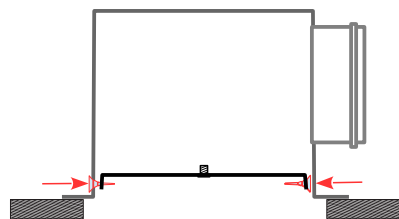
Square swirl diffuser with fixed blades

SWA-1

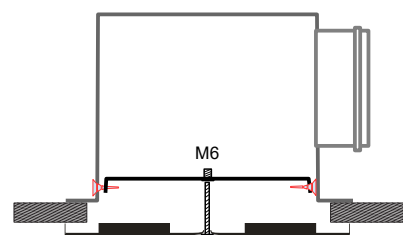


Montaj

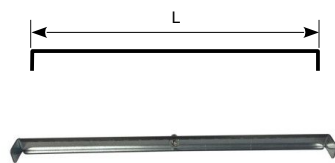
Nota: Plenum-ul de racord **PL** si brida de fixare **BW** nu sunt incluse (cost suplimentar)
Chiar in cazul in care plenumul de racord se furnizeaza impreuna cu difuzorul elicoidal,
brida de fixare **NU** se livreaza montata in plenum. Acest lucru se face pe santier.



1. Ajustati si fixati brida **BW** in plenum



2. Fixati difuzorul elicoidal prin insurubare (surub M6x80) si aplicati dopul de mascare.



Crossbar **BW**

SWA-1	L
625	580
595	550
500	450
400	360
300	260