

Circular swirl diffuser with fixed blades

CWA-2



Specifications

Circular 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 – **PSW** (extra cost).
Fixing systems.

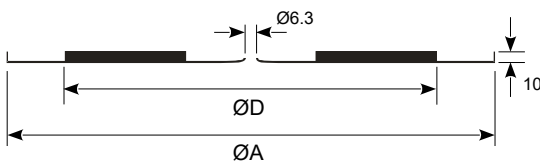
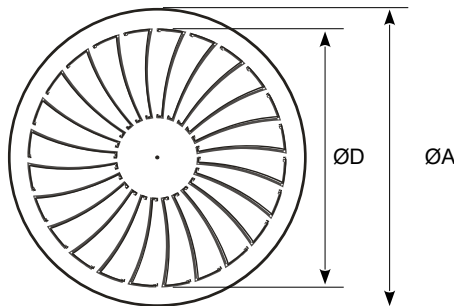
Order code: **CWA-2 595** + *

Product code
size

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

* optional accessories

Technical data



Standard sizes

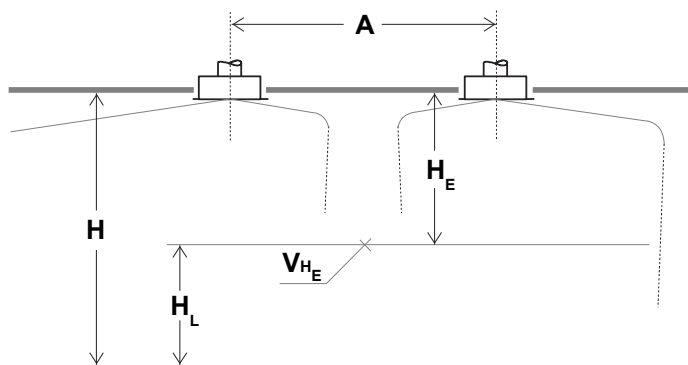
Dimensions	no. of blades	ØA	ØD
625	24	625	560
595	24	595	530
500	24	500	430
400	24	400	340
300	24	300	240

There are no other sizes available.

Circular swirl diffuser with fixed blades

CWA-2

Technical data



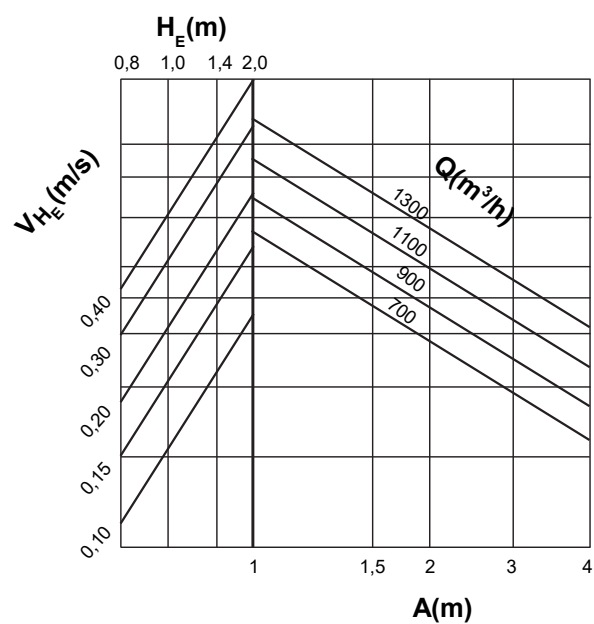
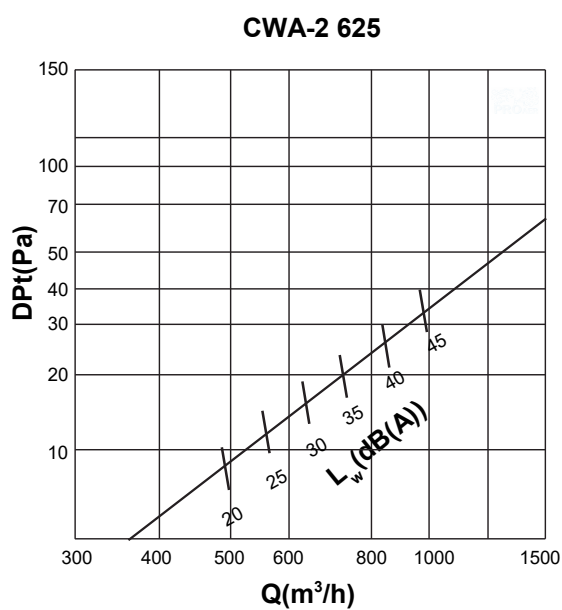
$H = 2,5\sim 4,0$ m (room height)

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

$H_E = H - H_L$ (m)

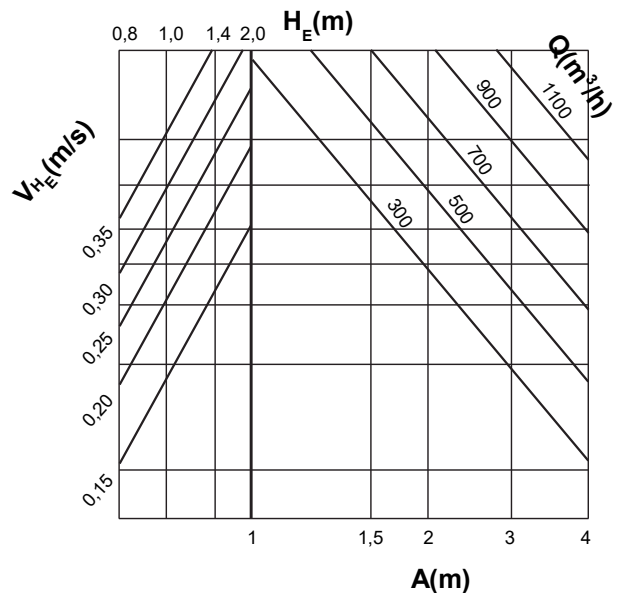
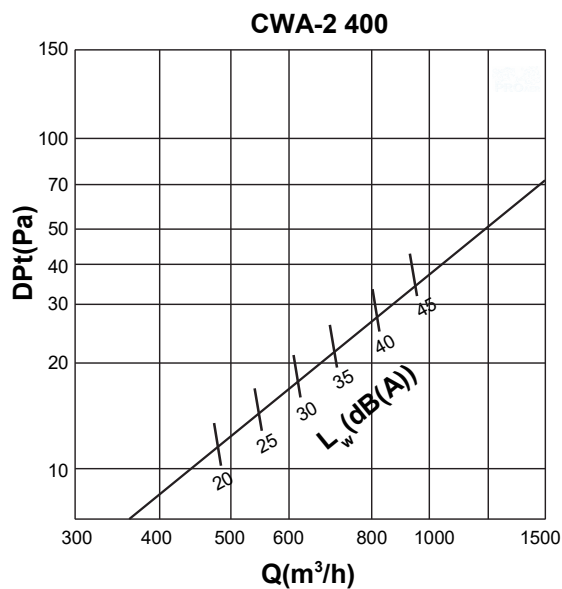
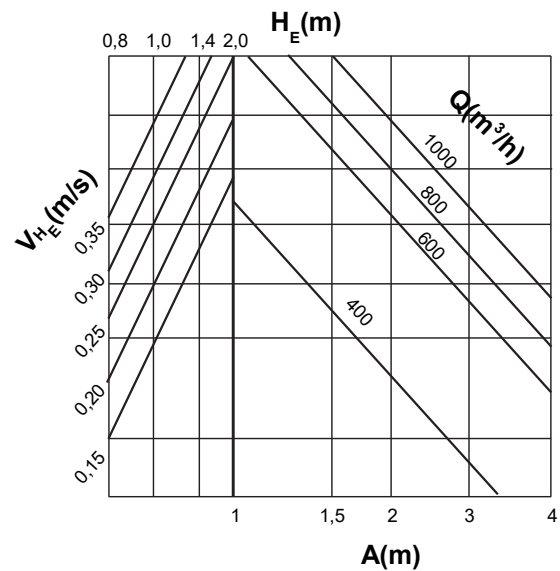
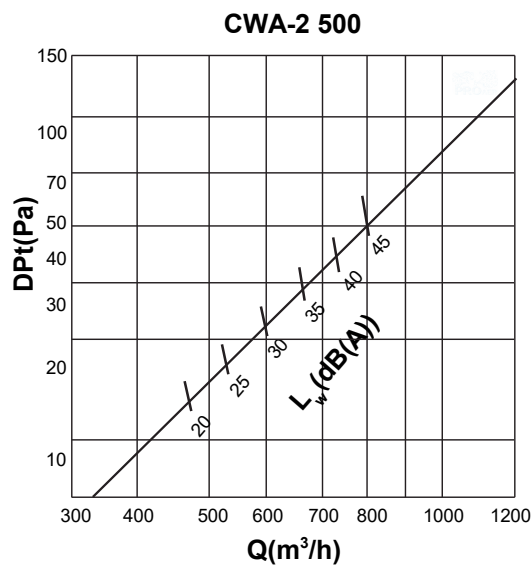
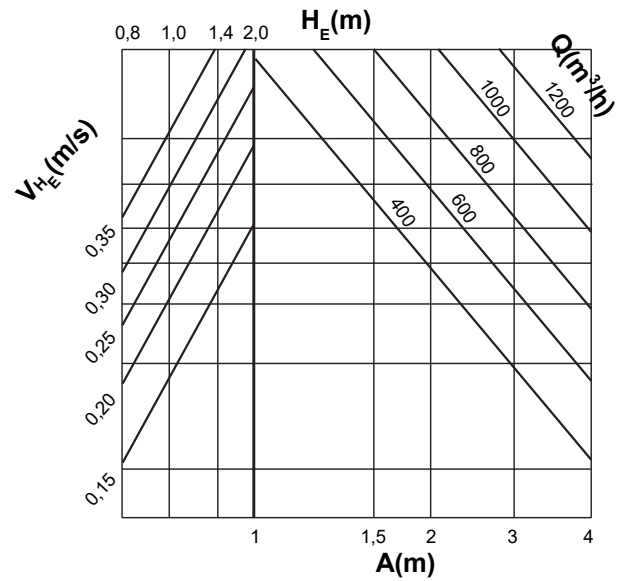
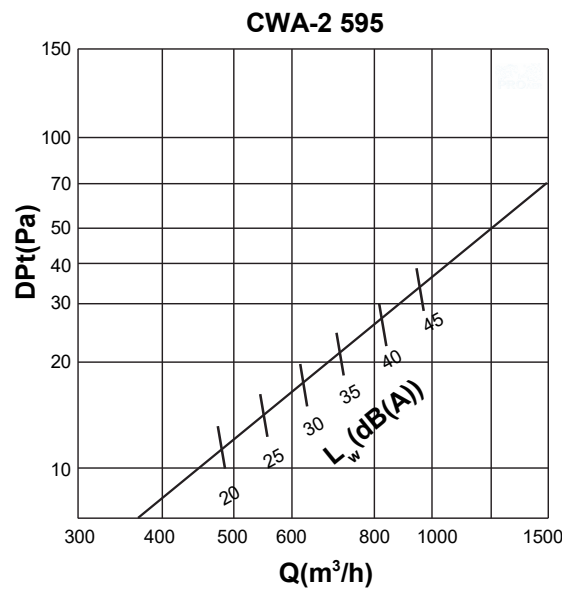
A = distance (m)

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



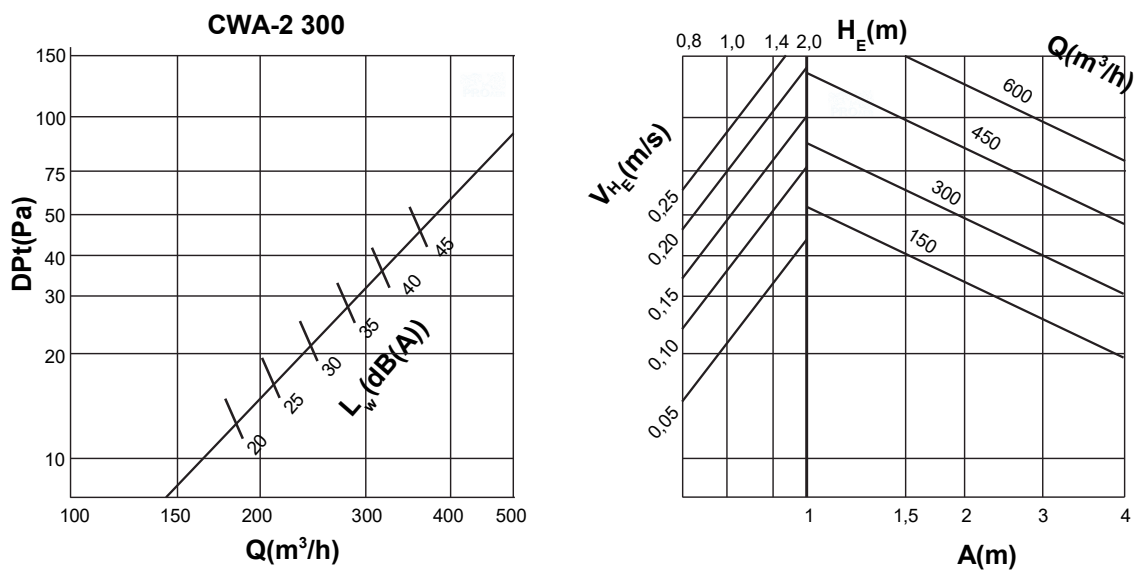
Circular swirl diffuser with fixed blades

CWA-2



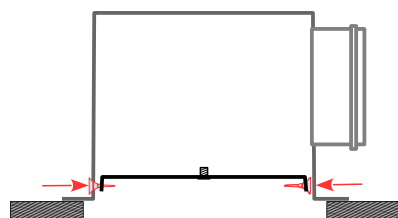
Circular swirl diffuser with fixed blades

CWA-2

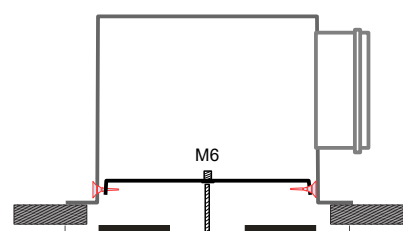


Mounting

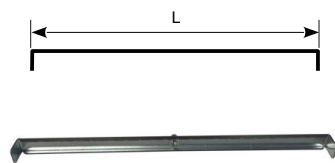
Note: Plenum box **PL** and crossbar **BW** are not included (extra cost).
The crossbars are not delivered mounted in plenum box.



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



2. Attach the diffuser with M6x80 screw to the crossbar



Crossbar **BW**

CWA-2	L
625	580
595	550
500	450
400	360
300	260