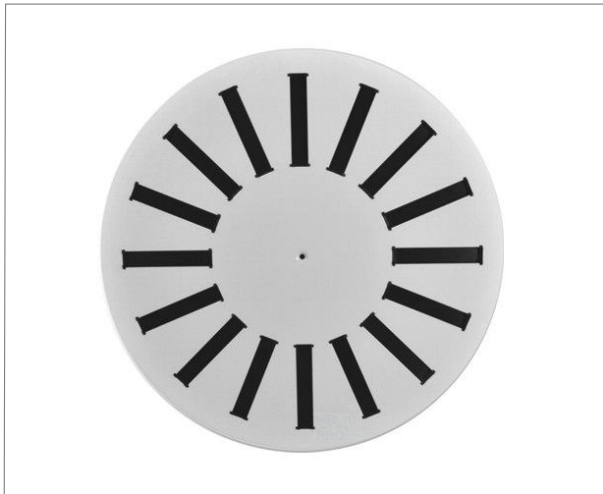


Circular swirl diffuser with adjustable blades

CWR-2



Specifications

Circular 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

Monting on ceiling (inside).

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

Optional accessories

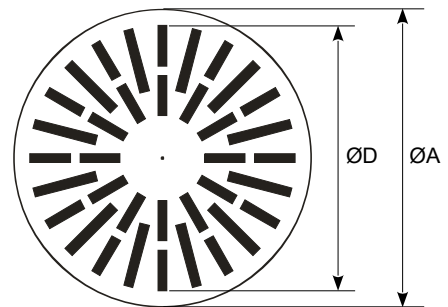
Plenum box – **PL** (extra cost).
Fixing systems.

Order code: **CWR-2 595 / 36** + *

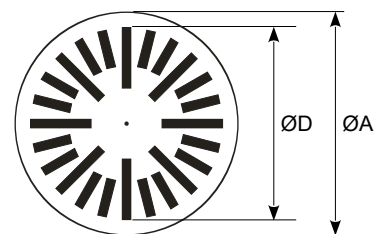
Product code _____
size _____
no. of blades _____
not specified - white RAL9003 (standard)
RALxxxx - optional RAL code

* optional accessories

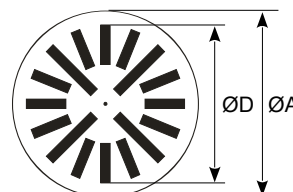
Technical data



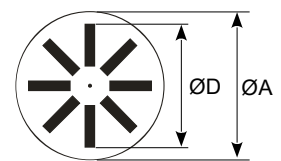
CWR-2 625/36
CWR-2 595/36



CWR-2 500/24



CWR-2 400/16



CWR-2 300/8



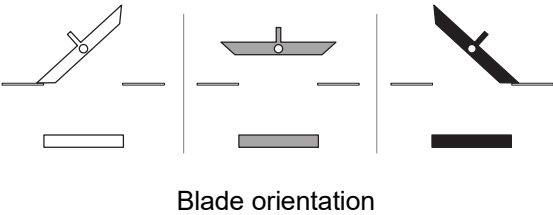
Standard sizes

Dimensions	no. of blades	ØA	ØD
625/36	36	625	560
595/36	36	595	530
500/24	24	500	430
400/16	16	400	340
300/8	8	300	240

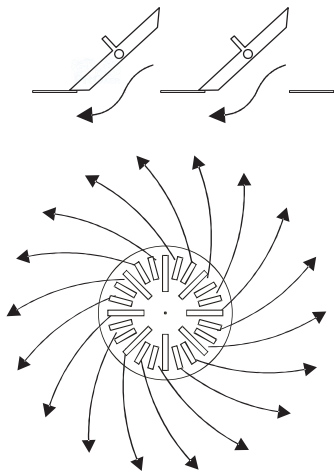
There are no other sizes available.

Circular swirl diffuser with adjustable blades

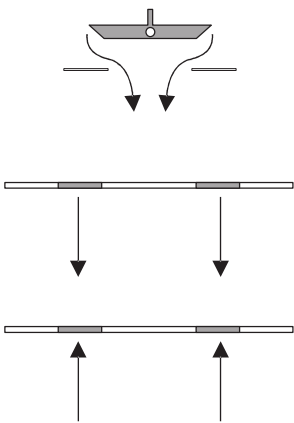
CWR-2



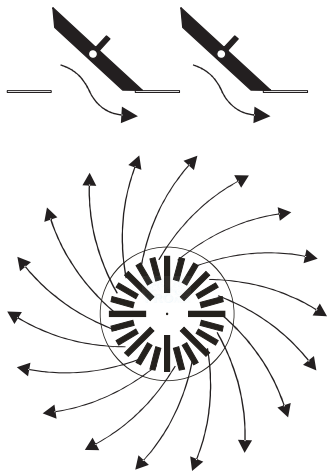
Flow pattern



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

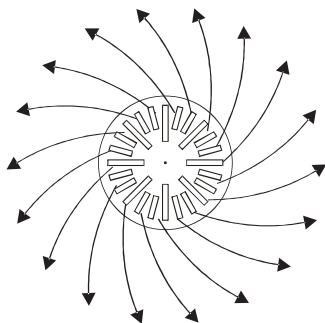


Vertical diffusion.
Used for supply, exhaust
or recirculation.

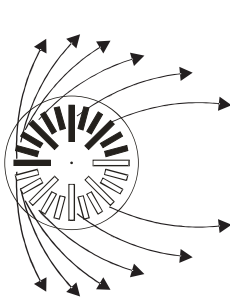


Uniform horizontal diffusion.
Wide dispersion airflow.
Used for supply.

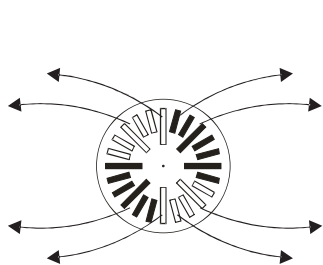
Flow pattern



Uniform circular diffusion



Semicircular diffusion

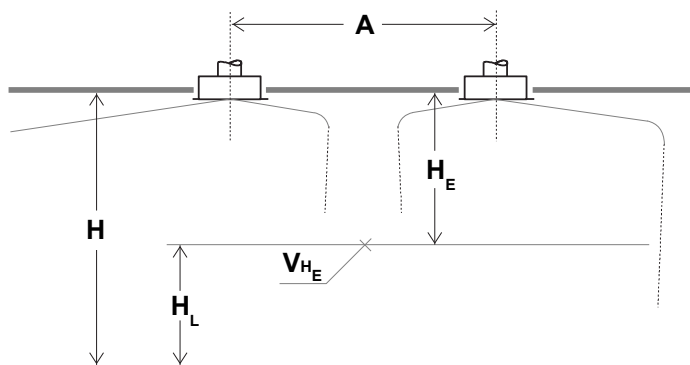


Bidirectional diffusion

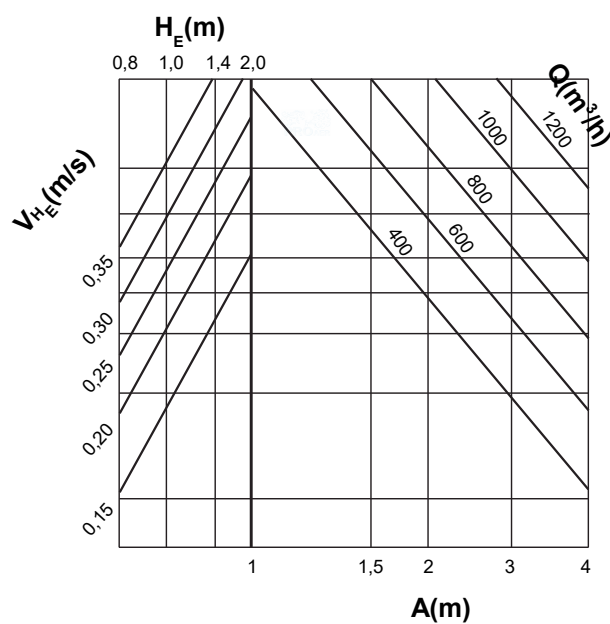
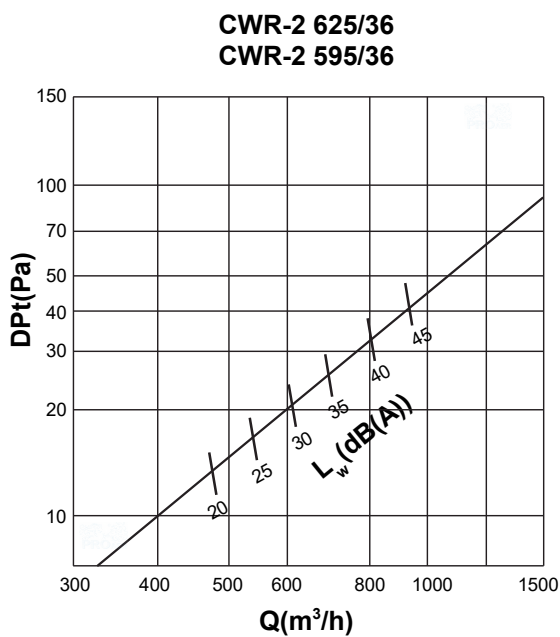
Circular swirl diffuser with adjustable blades

CWR-2

Technical data



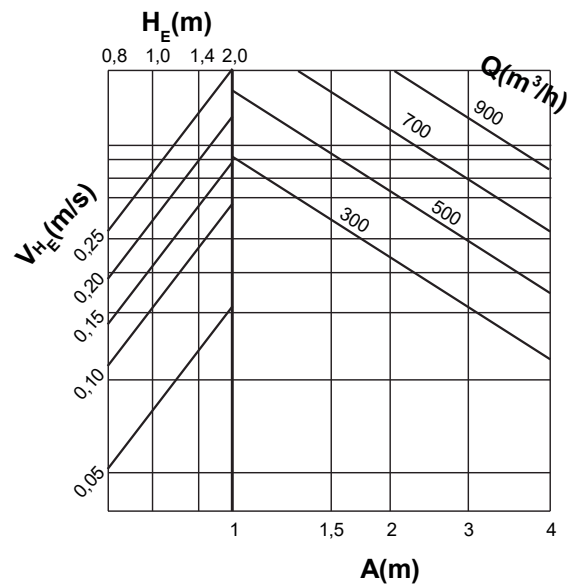
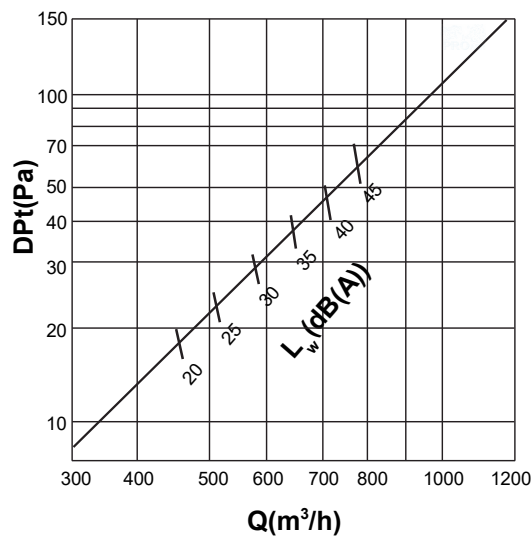
$H = 2,5\sim 4,0$ m (room height)
 $H_L = 1,8$ m (occupied area)
 $H_E = H - H_L$ (m)
 A = distance (m)
 V_{H_E} = air velocity when entering in zone H_L (m/s)



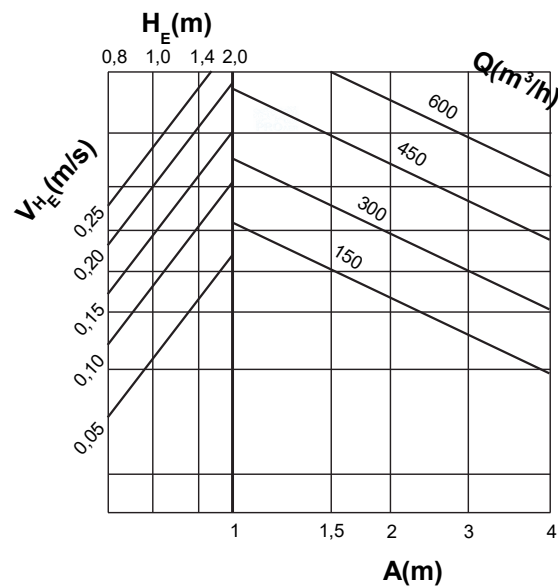
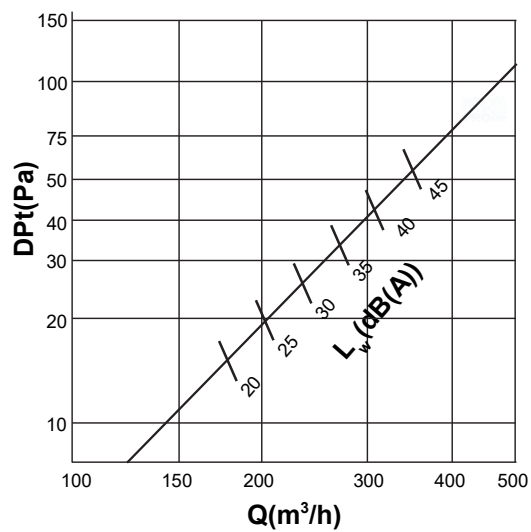
Circular swirl diffuser with adjustable blades

CWR-2

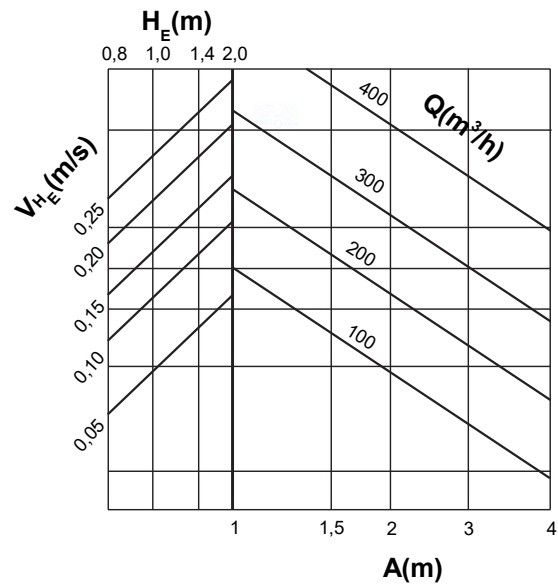
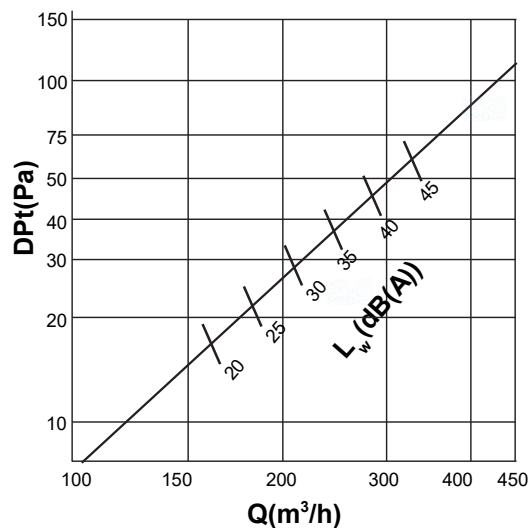
CWR-2 500/24



CWR-2 400/16



CWR-2 300/8

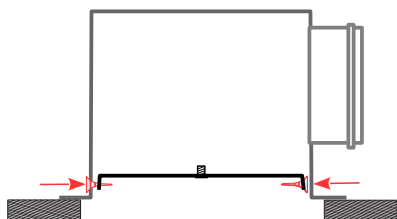


Circular swirl diffuser with adjustable blades

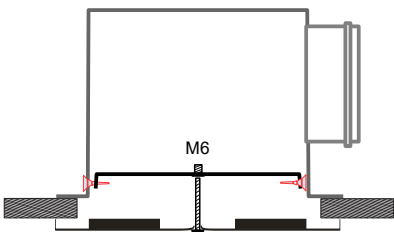
CWR-2

Mounting

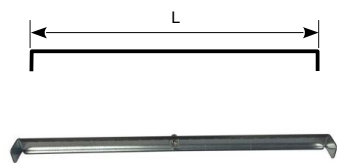
Note: Plenum box **PL** and crossbar **BW** are not included (extra cost).
The crossbars are not delivered mounted in plenum box.



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



2. Attach the diffuser with M6x80 screw to the crossbar



Crossbar **BW**

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