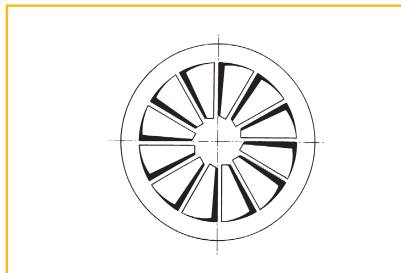
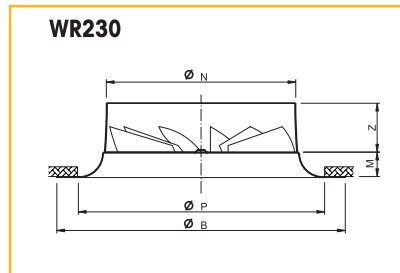
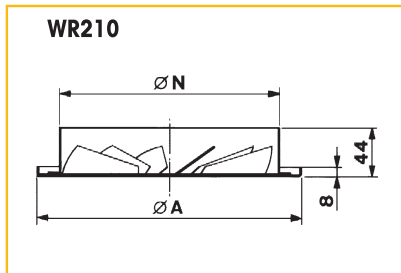


# CIRCULAR SWIRL DIFFUSER

TYPE: WR200 • WR210 • WR230

## Installation dimensions



## Application

The swirl diffuser type WR200 is used for the supply of cooled and heated air in facilities such as offices, shopping centres, schools, ...  
Diffuser for ceiling or exposed duct mounting. The diffuser is equipped with fixed vanes in a round frontsheet. A high induction is obtained by the exceptional swirl discharge, which makes them very suitable for VAV application from 100% down to 25%. A downwards inclined swirl is obtained in the flat version WR200, when fitted with the diffusion collar WR220 a horizontal swirl is obtained.

## Technical information

### Characteristics:

- available with the dimensions 100, 125, 160, 200, 250, 315, 400 and 500 mm
- $2.4 < \text{installation height} < 4 \text{ m}$
- diffuser with central screw fixing that can be dismantled from plenum or transition piece.
- diffuser without central screw fixed to plenum or transition piece.

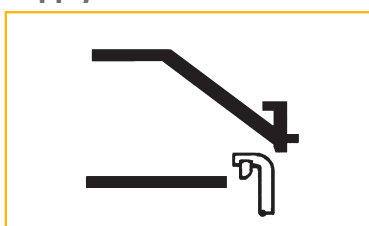
### Construction:

- diffuser; steel, painted white (RAL 9010)
- optional insulated plenum; galvanised steel sheet
- provided with mounting eyes ( $\varnothing 7 \text{ mm}$ ), mounting straps available upon request

Size	ØN	ØA	ØB	M	ØP	Z
100	98	138	160	15	135	50
125	123	178	200	25	180	50
160	158	195	250	25	215	50
200	198	248	300	25	255	50
250	248	296	350	25	305	50
315	313	363	450	35	395	50
400	398	600	570	60	535	65
500	498	700	700	70	620	50

Δ P = minimal ceiling opening. All dimensions in mm.

## Air flow rate measurement - supply



Velometer jet 2220 A or 6070

A <sub>k</sub> - and A <sub>n</sub> -values (m <sup>2</sup> )						
Size	100	125	160	200	250	315
A <sub>k</sub>	0,0044	0,0066	0,0110	0,0171	0,0270	0,0429
A <sub>n</sub>	0,0079	0,0123	0,0201	0,0314	0,0491	0,0779





