

FK-VDW Swirl Diffuser



The air outlet panel is available in square and round shapes, with a circular airflow opening at the center. It features adjustable airflow deflectors that allow for three configurations: rotating, unidirectional, and dual-directional airflow. The VDW swirling air outlet is aesthetically pleasing, provides effective air induction, and ensures a high level of comfort. It can be used for both supply and exhaust air, making it suitable for spaces with high decorative requirements.

Material

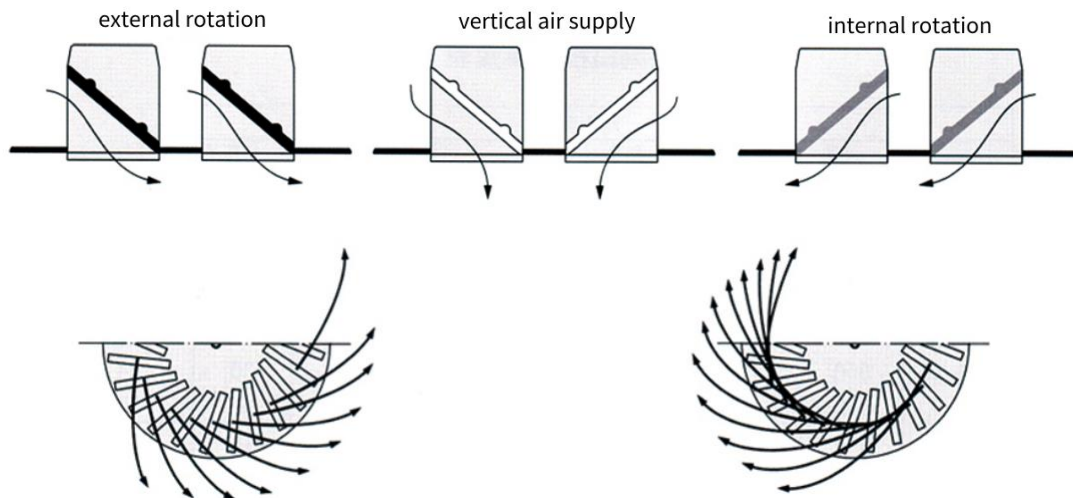
The panel is made of galvanized steel, the deflectors are made of polymer materials, and the plenum box and flow distribution plate are also made of galvanized steel

Model

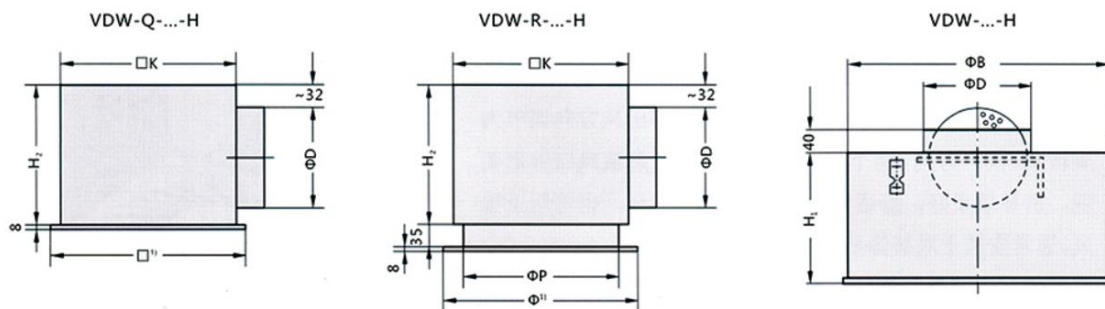
FK	Air Vent
VDW	Round Swirl
Q	Q:Square R:Round
S	S: Supply Air R:Return Air
V	V: Vertical connection with plenum box H: Horizontal connection with plenum box
600*24	Specification

FK-VDW/Q/V/600*24

Deflector of Plenum box



Structure



Unit:mm

Specification	Size(mm)					
	ϕB	ϕD	H1	H2	ϕP	$\square k$
300*8	280	158	200	250	278	290
400*16	364	198	200	295	362	272
500*24	462	198	200	295	460	476
600*24	559	248	200	345	557	567
600*48	580	248	300	345	578	590
625*24	559	248	200	345	557	567
625*54	605	248	300	345	-	615
825*72	796	313	300	410	-	806

Technical Parameters

Specification	Air Volume(m³/h)	NC	Pressure Loss(Pa)
300*8	55	<15	3
	150	18	20
	250	34	56
400*16	110	<15	3
	350	18	37
	500	42	72
500*24	140	<15	3
	450	32	33
	760	46	93
600*24	310	<15	3
	600	30	24
	1050	47	77
600*48	360	<15	7
	900	37	41
	1400	49	100
625*24	2100	<15	3
	600	30	24
	1250	47	77
625*54	430	15	9
	900	37	42
	1500	55	100
825*72	560	<15	5
	1500	37	39
	2400	50	100