

The PSB Swirl Diffuser has fixed spiral blades that create rotational as well as axial, tangential and radial air movement.

This means that it produces a strong horizontal swirl, obtaining high inductivity, to allow the introduced flow to rapidly mix with the ambient air to reduce the temperature and also perceived drafts or hot/cold spots.

Velocity is reduced while still maintaining volume and reduced noise and this products is ideally suited to handling large volumes. The PSB maintains high air quality air diffusion throughout the space with minimal temperature variation. The Swirl effects ensure good mixing of supply and ambient air.

The PSB is also suitable for return air application due to low pressure drop across the grille. The standard PSB is made of cold rolled galvanised plate steel powder coated white (RAL 9010).



Other finishes are available to suit the interior and architectural design requirements. The face plate is 595mm square and suitable for surface mounting in the ceiling or alternatively as a lay in-in for T-Bar ceiling installations.

Sizes Available / Dimensions				
CVE Product Code	Face Size	Neck Size	Q	L
CVSWDF-254	595mm x 595mm	254mm	595	254
CVSWDF-336	595mm x 595mm	336mm	595	336
CVSWDF-440	595mm x 595mm	440mm	595	440
CVSWDF-530	595mm x 595mm	530mm	595	530

Quick Selection Table

Specs	Air Volume (m³/h)	Pressure Loss (Pa)	Noise (dB)
254	100	6.5	<20
	150	13	24
	250	35	37
	400	90	53
	500	140	65
336	150	4.5	<20
	200	9	<20
	300	18	28
	400	36	38
	500	50	44
440	180	4.5	<20
	250	8	<20
	350	15	27
	550	38	42
	700	60	47
530	300	6	<20
	400	10	22
	600	20	32
	800	38	42
	1200	85	55

