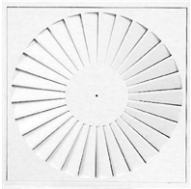


SW-2T Swirl Diffusers



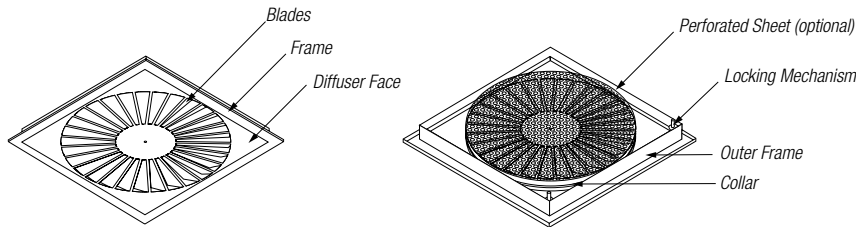
Duct (mm)	Blades	Description	Order Code
250	29	Side Entry Box	DCT2634
		Top Entry Box	DCT2614
300	29	Side Entry Box	DCT2635
		Top Entry Box	DCT2613
350	29	Side Entry	DCT2636
		Plate only	DCT2615



SW-2T series is a swirl diffuser with fixed radially arranged air control blades. This unique type of slot provides high induction "vortex" air flow, projecting horizontally from the face of diffuser. This swirling air flow produces a diffuser air distribution, with no stationary air jet, resulting in excellent uniformity of temperature in air conditioned spaces.

SW-2T is suited to areas of high heat load where large quantities of cool air must be rapidly mixed with room air and/or areas which require high air change in a short time. The SW-2T series can also be use as a return and exhaust type device.

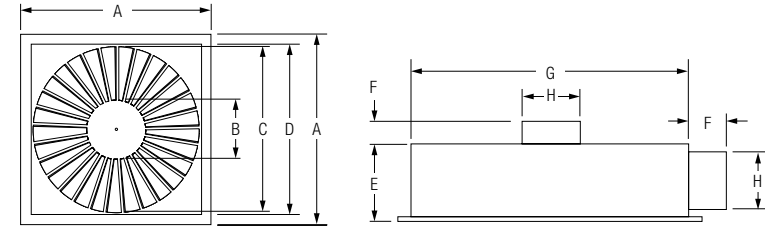
- Diffuser face can be opened without using any tools
- Volume control damper is adjustable without removing ceiling panel
- Swirl air pattern provides high induction ratio
- High coanda effect reduces direct-throw of air on occupants
- Standard sizes available for T-bar ceiling on metric or imperial size



Housing	Volume Control
1.0mm White powder-coated galvanised steel	Adjustable damper

Dimensions (mm)

Duct	A	B	C	D	E	F	G	H
250	595	190	513	535	210	60	580	250
300	595	190	513	535	230	60	580	300
350	595	190	513	535	230	60	580	350



Technical

Duct (mm)	Collar Neck Vel. (m/s)	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
	Vel. Pressure (Pa)	2	3	4	6	8	10	13	16	19	23
250	Throw (m)	0.9 - 1.8	1.2 - 2.4	1.5 - 2.7	1.8 - 3.0	2.1 - 3.4	2.4 - 3.7	2.7 - 4.0	2.7 - 4.0	3.0 - 4.3	3.0 - 4.3
	Tot. Press (Pa)	6	11	17	29	39	49	61	76	91	108
	Flow (l/s)	74	99	124	149	171	196	220	245	270	294
	NR (dB(A))	-	-	21	28	34	36	40	42	44	46
300	Throw (m)	1.2 - 2.4	1.5 - 3.0	1.8 - 3.4	2.4 - 4.0	2.7 - 4.3	3.0 - 4.6	3.4 - 4.6	3.7 - 4.9	3.7 - 5.2	3.9 - 5.5
	Tot. Press (Pa)	13	23	35	51	68	90	113	141	170	214
	Flow (l/s)	107	143	179	215	247	282	318	353	388	424
	NR (dB(A))	-	24	30	38	41	44	47	49	51	54