briteair

Swirl Diffuser Type CSW

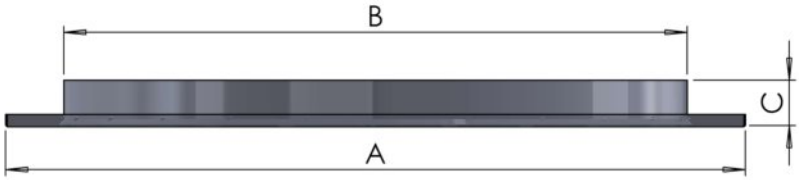
Suitable for ceiling mounting and can be manufacturerd to suit most ceiling tile arrangements.

The Curved Vane Swirl Diffuser offers excellent induction of room air and the rapid decay of supply air velocities and air temperature differentials.



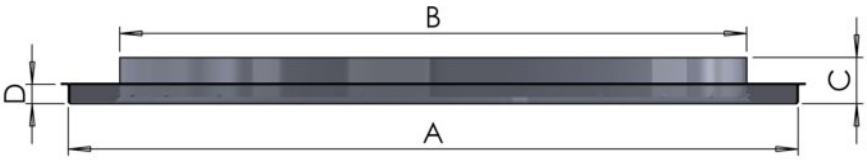
Multiple Variations

CSW-24-L Lay-in Ceiling Type



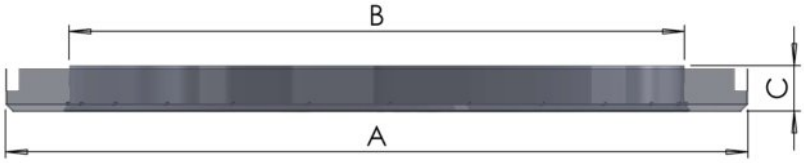
Nom Size	A	B	C
350	595 x 595	347	37mm
450	595 x 595	447	37mm
500	595 x 595	500	37mm

CSW-24-T Tegular Ceiling Type



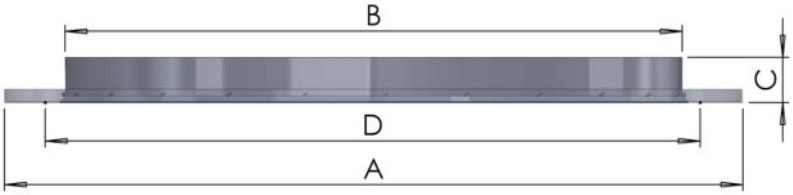
Nom Size	A	B	C	D
350	574 / 584	347	37mm	Drop Size
450	574 / 584	447	37mm	Drop Size
500	574 / 584	500	37mm	Drop Size

CSW-24-M Clip-in Metal Ceiling Type



Nom Size	A	B	C
350	599 x 599	347	37mm
450	599 x 599	447	37mm
500	599 x 599	500	37mm

CSW-24-C Circular Swirl Diffuser



Nom Size	A	B	C	D
350	500 Dia	347	37mm	225
450	600 Dia	447	37mm	325
500	600 Dia	500	37mm	375

*Please contact our Sales Office on **01924 444 174** for selection guidance on the above.*

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How to Order

Type	No of Blades	Edge Detail	Tegular Depth	Size	Overall Size	Finish
		L - Lay In Grid				
		C- Circular		350		RAL Colour
CSW	24	T15 - Tegular 584 x 584	e.g. 8mm	450	e.g. 595 x 595	Galvanised
		T24 - Tegular 574 x 574		500		Stainless Steel
		M - Clip In Metal Tile				

e.g. 10 No CSW - 24 - L - 450 - 595 x 595 - RAL 9010

Performance Data

Size										
350 DIA	L/s	50	55	60	65	70	80	90	100	110
	Throw m 0.5 - 0.25 m/s	0.8 - 1.6	0.8 - 1.7	1.0 - 1.9	1.1 - 2.0	1.1 - 2.2	1.2 - 2.5	1.5 - 2.8	1.5 - 3.1	1.5 - 3.4
	Pa	4	4	5	6	7	9	12	14	17
	NR						17	20	23	26
	L/s	120	130	140	150	160	170	180	190	200
	Throw m 0.5 - 0.25 m/s	1.8 - 3.8	2.0 - 4.1	2.1 - 4.4	2.3 - 4.7	2.4 - 5.0	2.5 - 5.3	2.8 - 5.6	2.4 - 5.9	3.0 - 6.3
	Pa	21	27	28	32	36	41	46	51	57
	NR	28	31	33	35	36	38	40	41	43
450 DIA	L/s	75	80	90	100	110	120	130	140	150
	Throw m 0.5 - 0.25 m/s	0.8 - 1.8	1.9 - 1.9	1.0 - 2.2	1.1 - 2.4	1.2 - 2.6	1.4 - 2.9	1.5 - 3.1	1.6 - 3.4	1.8 - 3.6
	Pa	5	6	7	9	11	13	15	18	20
	NR					16	18	21	23	25
	L/s	160	170	180	190	200	210	220	230	240
	Throw m 0.5 - 0.25 m/s	1.8 - 3.8	2.0 - 4.1	2.1 - 4.3	2.3 - 4.6	2.4 - 4.8	2.4 - 5.0	2.5 - 5.3	2.7 - 5.5	2.8 - 5.8
	Pa	23	26	29	33	36	40	44	48	52
	NR	26	28	30	31	33	34	35	37	38
500 DIA	L/s	75	80	90	100	110	120	130	140	150
	Throw m 0.5 - 0.25 m/s	1.5	1.6	1.8	0.8 - 2.0	1.0 - 2.2	1.1 - 2.4	1.2 - 2.6	1.3 - 2.8	1.4 -3.0
	Pa	3	4	5	6	7	8	9	11	13
	NR	<20	<20	<20	<20	<20	<20	<20	<20	26
	L/s	160	170	180	190	200	220	240	260	280
	Throw m 0.5 - 0.25 m/s	1.5 - 3.2	1.6 - 3.4	1.8 - 3.6	1.8 - 3.8	2.0 - 4.0	2.2 - 4.4	2.3 - 4.8	2.5 - 5.2	2.6 - 5.6
	Pa	14	16	18	20	22	27	32	38	44
	NR	<20	20	22	23	25	27	30	32	34

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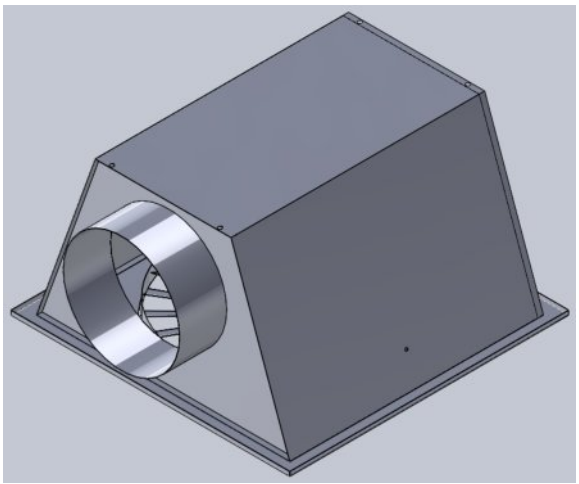
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How to Order

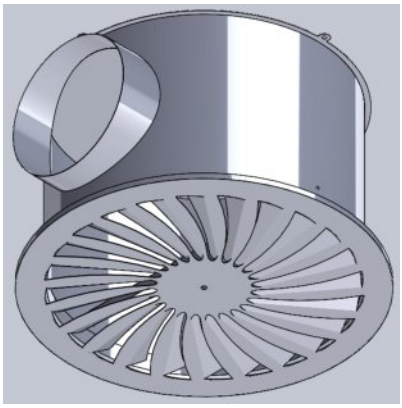
Type	Spigot Orientation	Insulation	Fit - Circular Boxes	Equalizing Grid	Damper	Finish
PB - Square Box	SE - Side Entry	0 - Unlined	N - Neck		FD - Spigot Damper	RAL Colour
PBC - Circular Box	TE - Top Entry	INS - Insulated	O/a - Overall	EQ	CD - Cord Damper	Galvanised
						Stainless Steel

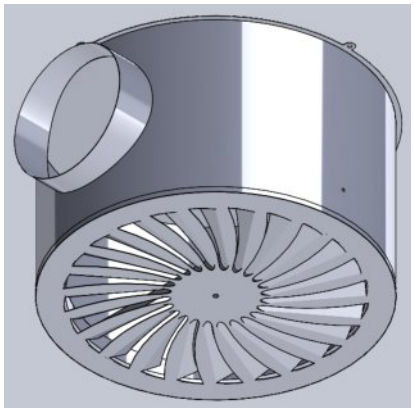
e.g. 10 No PB-SE-INS-EQ-FD-Galvanised (Plenum Box, Side Entry, Insulated, Equalizing Grid, Spigot Damper, Galvanised Finish)
e.g. 25 No PBC-SE-INS-N-FD-Galvanised (Circular Plenum Box, Side Entry, Insulated, To Suit Neck, Spigot Damper, Galvanised Finish)

Plenum Box Variations

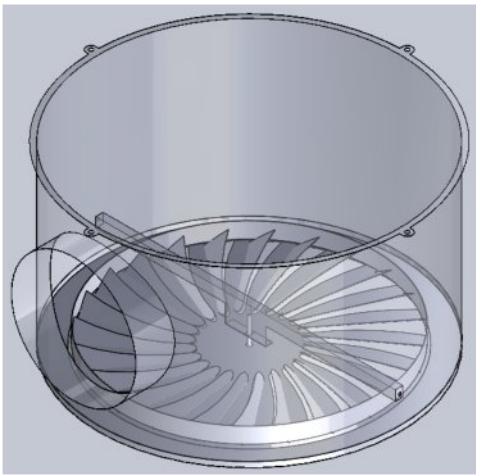


Fit For Circular Boxes

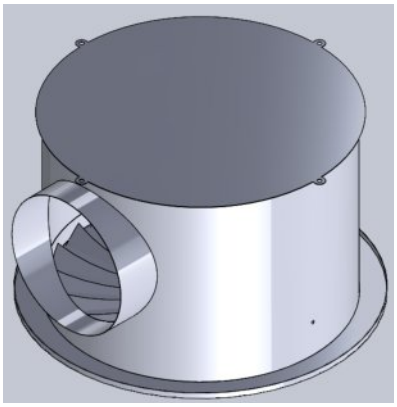




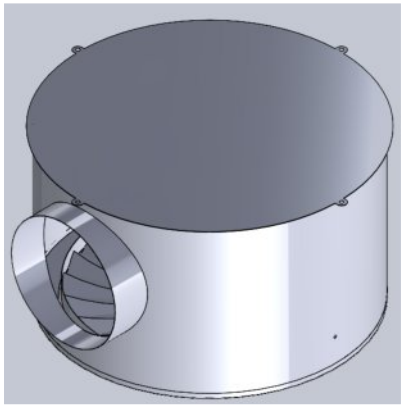
Fixing Detail



To Suit Neck



To Suit Overall



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