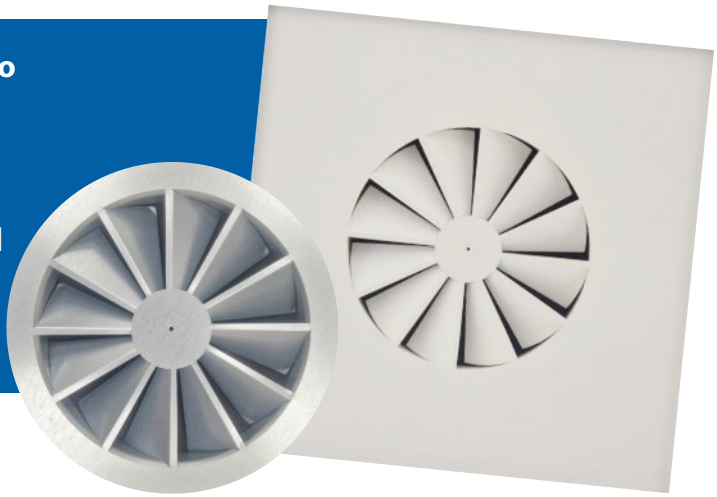
briteair

Swirl Diffuser Type FSW

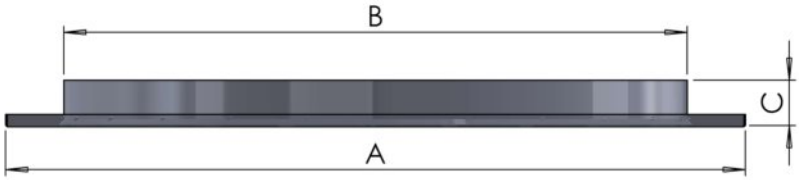
Suitable for ceiling mounting and can be manufacturerd to suit most ceiling tile arrangements.

Manufactured from Zintec or Galvanised sheet steel, the flush faced vanes make this Diffuser suitable for exposed and suspended ceilings in both Retail and Commercial applications.



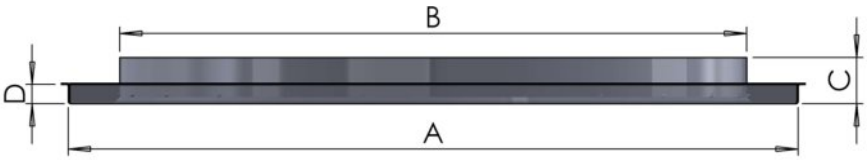
Multiple Variations

FSW-12-L Lay-in Ceiling Type



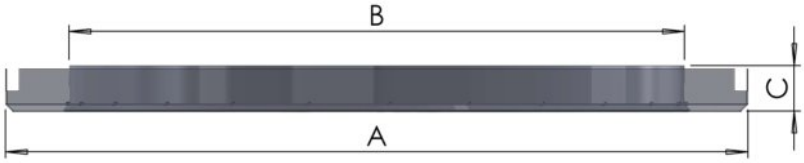
Nom Size	A	B	C
150	595 x 595	147	37mm
200	595 x 595	197	37mm
250	595 x 595	247	37mm
315	595 x 595	312	37mm
400	595 x 595	397	37mm

FSW-12-T Tegular Ceiling Type



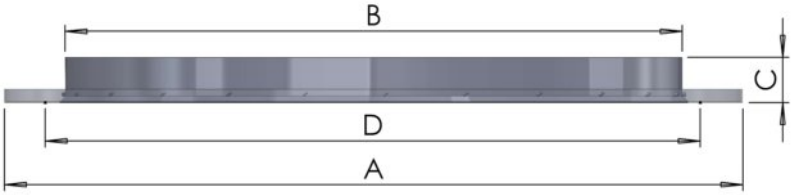
Nom Size	A	B	C	D
150	574 / 584	147	37mm	Drop Size
200	574 / 584	197	37mm	Drop Size
250	574 / 584	247	37mm	Drop Size
315	574 / 584	312	37mm	Drop Size
400	574 / 584	397	37mm	Drop Size

FSW-12-M Clip-in Metal Ceiling Type



Nom Size	A	B	C
150	599 x 599	147	37mm
200	599 x 599	197	37mm
250	599 x 599	247	37mm
315	599 x 599	312	37mm
400	599 x 599	397	37mm

FSW-12-C Circular Swirl Diffuser



Nom Size	A	B	C	D
150	200 Dia	147	37mm	185
200	300 Dia	197	37mm	250
250	300 Dia	247	37mm	285
315	400 Dia	312	37mm	350
400	500 Dia	397	37mm	450

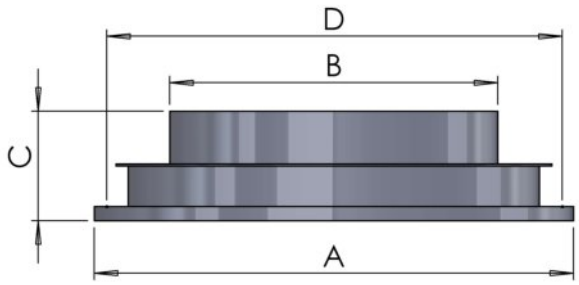
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FSW-12-C - Clipped Adapter



Nom Size	A	B	C	D
150	200 Dia	147	95mm	185
200	300 Dia	197	95mm	250
250	300 Dia	247	95mm	285
315	400 Dia	312	95mm	350
400	500 Dia	397	95mm	450

How to Order

Type	No of Blades	Edge Detail	Tegular Depth	Size	Overall Size	Finish
		L - Lay In Grid		150		
		C- Circular		200		RAL Colour
FSW	12	T15 - Tegular 584 x 584	e.g. 8mm	250	e.g. 595 x 595	Galvanised
		T24 - Tegular 574 x 574		315		Stainless Steel
		M - Clip In Metal Tile		400		

e.g. 10 No FSW - 12 - C - 315 - RAL 9010

Performance Data

Size								
150 DIA	L/s	20	30	40	50	60	70	80
	Throw m 0.25 - 0.5 m/s	0.6 - 0.3	1.0 - 0.5	1.3 - 0.6	1.6 - 0.8	1.9 - 1.0	2.3 - 1.1	2.6 - 1.3
	Pa	4	10	18	28	40	54	71
	NR	8	19	27	34	39	43	47
200 DIA	L/s	30	40	50	60	70	80	100
	Throw m 0.25 - 0.5 m/s	0.8 - 0.4	1.1 - 0.6	1.4 - 0.7	1.7 - 0.8	2.0 - 1.0	2.2 - 1.1	2.5 - 1.3
	Pa	6	11	17	24	33	43	55
	NR	10	18	25	30	34	38	41
250 DIA	L/s	60	80	100	120	140	160	180
	Throw m 0.25 - 0.5 m/s	1.4 - 0.7	1.8 - 0.9	2.0 - 1.0	2.7 - 1.4	3.2 - 1.6	3.6 - 1.8	4.1 - 2.0
	Pa	10	17	22	39	53	70	88
	NR	16	24	27	35	40	43	47
315 DIA	L/s	80	100	120	150	180	200	220
	Throw m 0.25 - 0.5 m/s	1.7 - 0.9	1.9 - 1.0	2.6 - 1.3	3.2 - 1.6	3.9 - 1.9	4.3 - 2.2	4.1 - 2.1
	Pa	5	7	12	19	27	33	31
	NR	14	17	25	32	37	40	37
350 DIA	L/s	100	125	150	175	200	225	250
	Throw m 0.25 - 0.5 m/s	1.7 - 0.8	2.4 - 1.2	2.8 - 1.4	3.3 - 1.6	3.8 - 1.9	4.2 - 2.1	4.7 - 2.4
	Pa	5	10	15	20	26	33	41
	NR	12	21	27	31	35	38	41
400 DIA	L/s	150	180	200	220	250	280	300
	Throw m 0.25 - 0.5 m/s	2.3 - 1.1	2.7 - 1.4	3.0 - 1.5	3.3 - 1.7	3.8 - 1.9	4.2 - 2.1	4.5 - 2.3
	Pa	7	10	13	16	20	25	29
	NR	22	27	30	32	36	39	41

NOTE:
All throws based on terminal velocities of 0.5 - 0.25 m/s
For Return Air Applications Multiply Pa x 0.75, NC Levels remain the same

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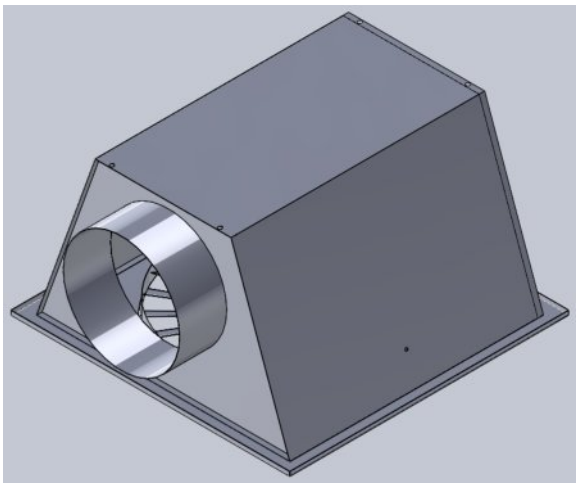
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How to Order

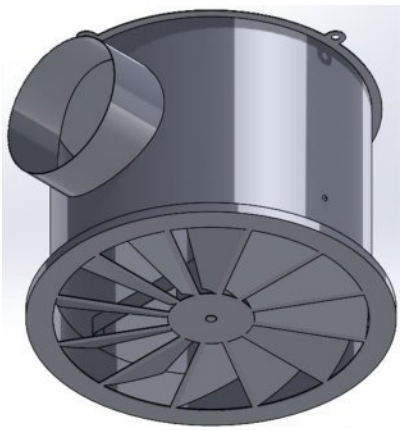
Type	Spigot Orientation	Insulation	Fit - Circular Boxes	Equalizing Grid	Damper	Finish
PB - Square Box	SE - Side Entry	0 - Unlined	N - Neck		FD - Spigot Damper	RAL Colour
PBC - Circular Box	TE - Top Entry	INS - Insulated	O/a - Overall	EQ	CD - Cord Damper	Galvanised
						Stainless Steel

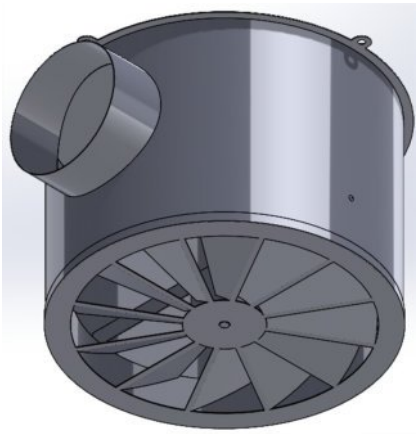
e.g. 10 No PB-SE-INS-EQ-FD-Galvanised (Plenum Box, Side Entry, Insulated, Equalizing Grid, Spigot Damper, Galvanised Finish)
e.g. 25 No PBC-SE-INS-N-FD-Galvanised (Circular Plenum Box, Side Entry, Insulated, To Suit Neck, Spigot Damper, Galvanised Finish)

Plenum Box Variations

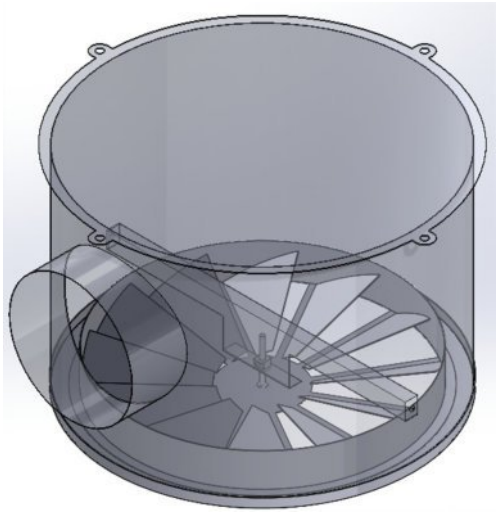


Fit For Circular Boxes

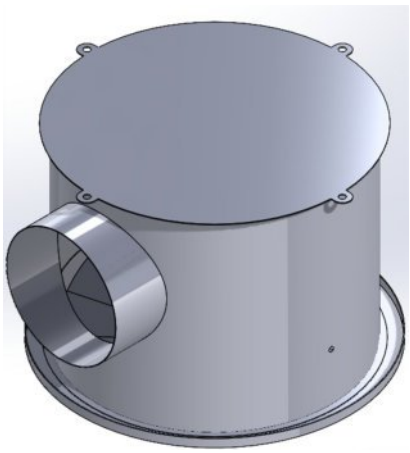




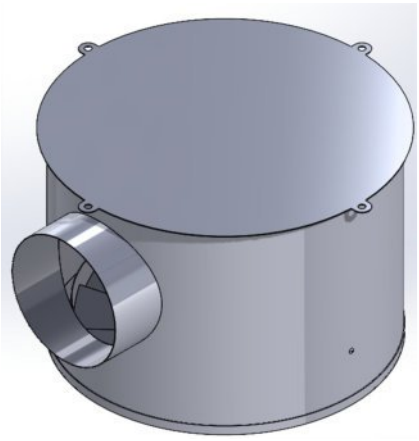
Fixing Detail



To Suit Neck



To Suit Overall



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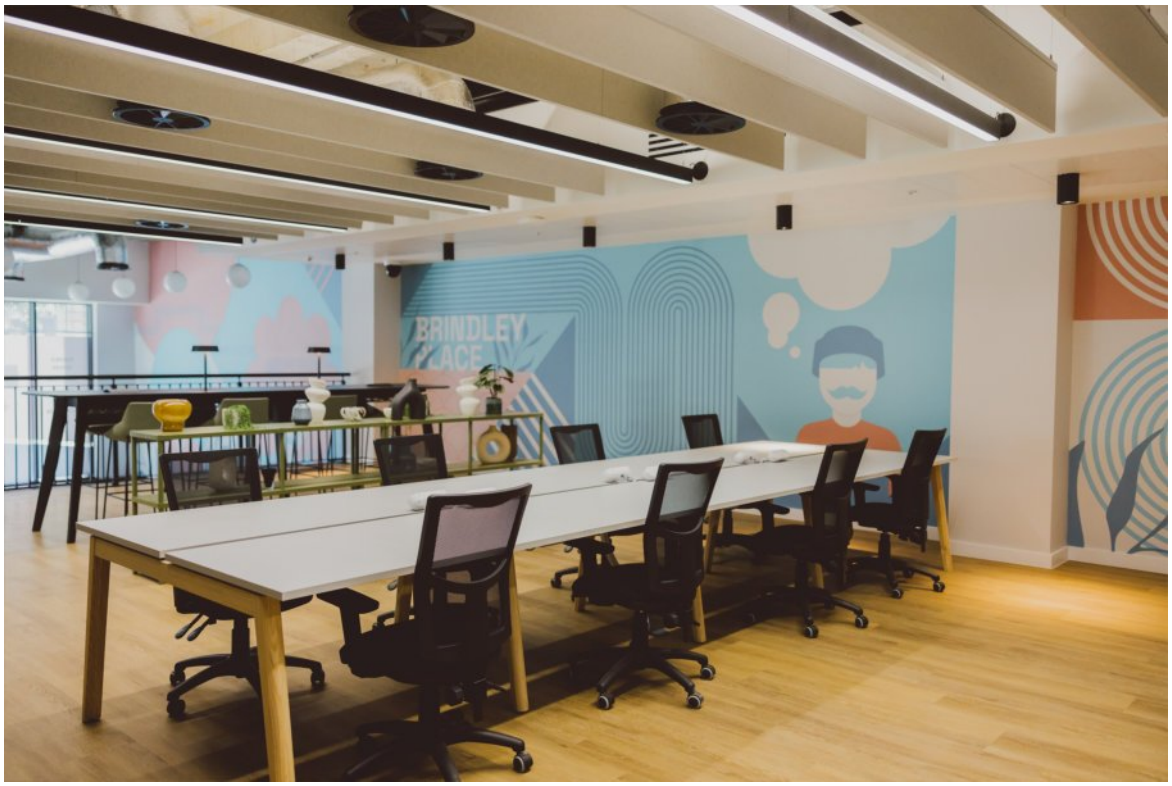
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