

Swirl Diffuser Type CSW

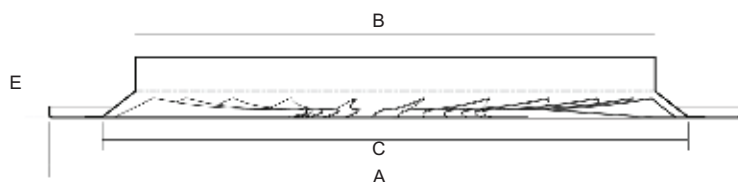
Suitable for ceiling mounting and can be manufactured to suit most ceiling tile arrangements.

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



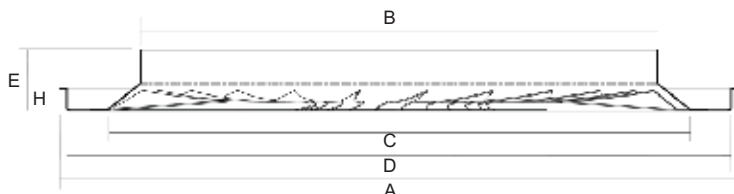
Multiple Variations

CSW-24-L Lay-in Ceiling Type



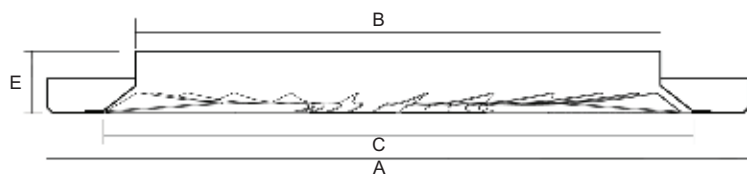
Nom Size	A	BØ	CØ	E
350	595	347	400	55
450	595	447	500	55

CSW-24-T Tegular Ceiling Type



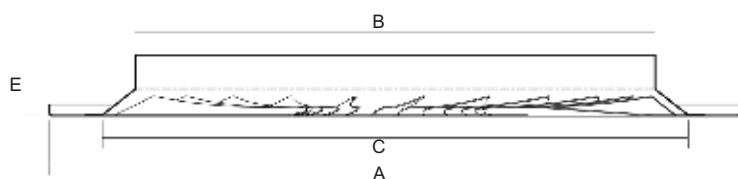
Nom Size	A	BØ	CØ	D 24T/15T	E
350	595	347	400	574/584	55
450	595	447	500	574/584	55

CSW-24-M Clip-in Metal Ceiling Type



Nom Size	A	BØ	CØ	E
350	599	347	400	55
450	599	447	500	55

CSW-24-C Circular Swirl Diffuser



Nom Size	AØ	BØ	CØ	E
350	480	347	400	55
450	600	447	500	55

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

Swirl Diffuser Type CSW

How to Order

Type	No of Blades	Edge Detail	Tegular Depth	Size	Overall Size	RAL Colour
SSW	24	L - Lay-In Grid T15 - Tegular 584 x 584 T24 - Tegular 574 x 574 M - Clip-In Metal Tile	e.g. 14mm	350 450	595 x 595 599 x 599	e.g. RAL 9010

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

Performance Data

SIZE												
350 Dia	Air Volume l/s	50	55	60	60	65	70	80	90	100	110	
	Throw m	0.8-1.6	0.8-1.7	1.0-1.9	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	5	6	7	9	12	14	17	
	NC							17	20	23	26	
	Air Volume l/s	120	130	140	140	150	160	170	180	190	200	
	Throw m	1.8-3.8	2.0-4.1	2.1-4.4	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	24	28	28	32	36	41	46	51	57		
NC	28	31	33	33	35	36	38	40	41	43		

SIZE												
450 Dia	Air Volume l/s	75	80	90	100	100	110	120	130	140	150	
	Throw m	0.8-1.8	0.9-1.9	1.0-2.2	1.1-2.4	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	9	11	13	15	18	20	
	NC						16	18	21	23	25	
	Air Volume l/s	160	170	180	190	190	200	210	220	230	240	
	Throw m	1.8-3.8	2.0-4.1	2.1-4.3	2.3-4.6	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	33	36	40	44	48	52		
NC	26	28	30	31	31	33	34	35	37	38		

SIZE												
500 Dia	Air Volume l/s	75	80	90	100	110	120	130	140	150	110	
	Throw m	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	1.5-3.4	
	Pa	3	4	5	6	7	8	9	11	13	17	
	NC	<20	<20	<20	<20	<20	<20	<20	<20	<20	26	
	Air Volume l/s	160	170	180	190	200	220	240	260	280	200	
	Throw m	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	3.0-6.3	
Pa	14	16	18	20	22	27	32	38	44	57		
NC	<20	20	22	23	25	27	30	32	34	43		

For Return Air:

Multiply the Pressure Drop by 0.75

Noise Levels remain the same