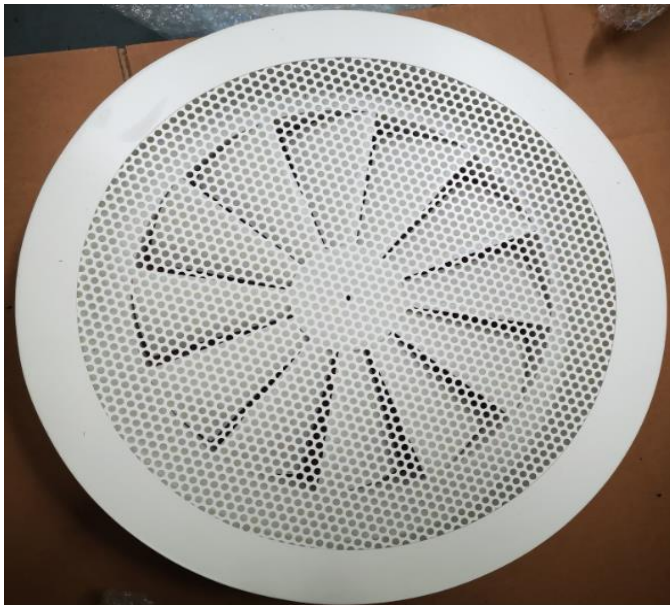


Perforated Face Swirl Diffuser - Round

Model PSW

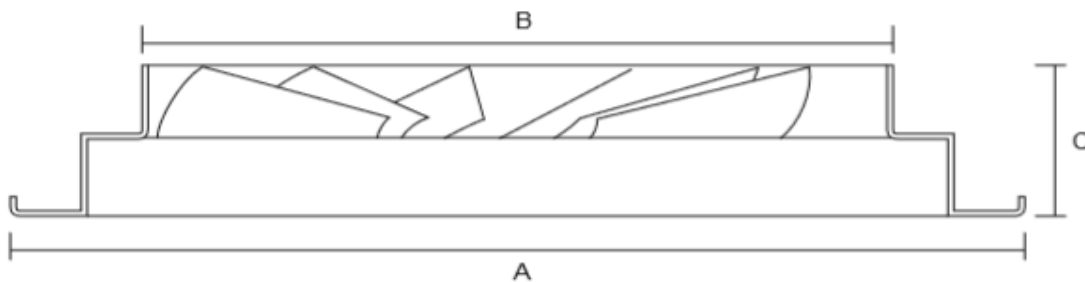


The Polyaire Round Perforated Fixed Swirl Diffusers are suitable for supply of air with a large temperature differential, making these units ideal for Fan Coil Units, VAV and VRF Systems. The rotating supply air pattern provides a high degree of induction making these diffusers well suited to supply both warm and cool air.

Manufactured from galvanised steel

Standard finish RAL 9010.

Other RAL colours available to your requirements.



Item #	Size	A \varnothing	B \varnothing	C
248103	160	280	157	90
248104	250	380	247	90
248105	315	440	312	90
248106	400	540	397	90
248107	450	590	447	90

POLYAIRE UK

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PERFORMANCE DETAILS

Size			20	25	30	35	40	45	50	55	60
160 Dia	I/s		20	25	30	35	40	45	50	55	60
	Throw m		0.3 - 0.5	0.4-0.7	0.5-0.9	0.6-1.1	0.6-1.3	0.7-1.4	1.0-1.6	1.0-1.7	1.2-1.9
	Pa		6	10	14	20	26	33	40	49	58
	NC			18	23	28	31	35	38	40	43
250 Dia	I/s		40	50	60	70	80	90	100	110	120
	Throw m		0.5-0.9	0.6-1.2	0.7-1.4	0.9-1.9	1.0-2.1	0.9-2.3	1.2-2.4	1.3-2.6	1.4-2.9
	Pa		5	8	12	16	21	26	32	39	47
	NC			18	23	27	31	34	37	40	42
315 Dia	I/s		70	80	90	100	120	140	160	180	200
	Throw m		0.8-1.5	0.8-1.7	1.0-1.9	1.1-2.1	1.2-2.5	1.4-2.9	1.8-3.4	2.0-3.8	2.4-4.2
	Pa		6	8	10	12	18	24	35	40	49
	NC			15	18	21	26	31	34	38	41
450 Dia	I/s		150	175	200	225	250	275	300	325	350
	Throw m		1.0-2.1	1.2-2.5	1.3-2.8	1.5-3.2	1.6-3.5	2.0-3.9	2.0-4.2	2.3-4.6	2.5-4.9
	Pa		5	7	9	11	14	17	20	23	27
	NC			17	21	24	27	30	32	34	42

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 will remain the same

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