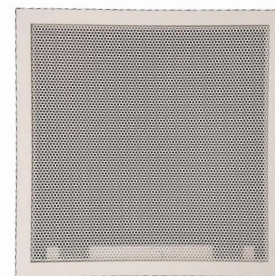


Swirl Diffuser Type P4W

Suitable for supply and extract air and can be mounted to suit most ceiling tile arrangements. The perforated face offers a discreet appearance within the ceiling and is hinged to allow access to the deflectors which can be rotated to alter the air discharge pattern – 4, 3, 2 or 1 Way.



P4W Performance Data 315 Dia

	Air Volume l/s	70	80	90	100	110	120	130
4 way	Throw (0.25 - 0.5m/s)	1.4 - 0.7	1.5 - 0.8	1.7 - 0.9	1.9 - 1.0	2.1 - 1.0	2.3 - 1.2	2.5 - 1.3
	Pd	3	4	5	6	8	9	11
	NR Level	<20	<20	<20	20	23	25	28
	Air Volume l/s	140	150	160	170	180	190	200
	Throw (0.25 - 0.5m/s)	2.7 - 1.4	2.9 - 1.4	3.1 - 1.5	3.3 - 1.7	3.5 - 1.8	3.7 - 2.0	3.9 - 2.2
	Pd	13	15	17	19	21	23	26
	NR Level	30	32	33	35	37	38	40
	Air Volume l/s	70	80	90	100	110	120	130
	Throw Long Side	1.6 - 0.8	1.8 - 1.0	2.0 - 1.1	2.3 - 1.2	2.5 - 1.2	2.7 - 2.4	2.9 - 1.5
	Throw Short Side	1.1 - 0.5	1.3 - 0.6	1.5 - 0.8	1.6 - 0.8	1.8 - 1.0	1.9 - 1.0	2.1 - 1.2
	Pd	3	4	5	6	8	9	11
	NR Level	<20	<20	<20	20	23	25	28
3 Way	Air Volume l/s	140	150	160	170	180	190	200
	Throw Long Side	3.2 - 1.6	3.4 - 1.8	3.6 - 1.8	3.8 - 2.0	4.1 - 2.1	4.3 - 2.2	4.5 - 2.3
	Throw Short Side	2.3 - 1.2	2.4 - 1.2	2.6 - 1.3	2.7 - 1.4	2.9 - 1.5	3.1 - 1.6	3.2 - 1.7
	Pd	13	15	17	19	21	23	26
	NR Level	30	32	33	35	37	38	40
	Air Volume l/s	70	80	90	100	110	120	130
	Throw (0.25 - 0.5m/s)	2.7	3.1	3.5	3.9	4.3	4.6	5
	Pd	3	4	5	6	8	9	11
	NR Level	<20	<20	<20	20	23	25	28
	Air Volume l/s	140	150	160	170	180	190	200
	Throw (0.25 - 0.5m/s)	5.4	5.8	6.2	6.6	7	7.4	7.7
	Pd	13	15	17	19	21	23	26
2 Way	NR Level	30	32	33	35	37	38	40
	Air Volume l/s	70	80	90	100	110	120	130
	Throw (0.25 - 0.5m/s)	4.1 - 2.0	4.6 - 2.3	5.2 - 2.5	5.8 - 2.8	6.4 - 3.1	7.0 - 3.5	7.6 - 3.7
	Pd	3	4	5	6	8	9	11
	NR Level	<20	<20	<20	20	23	25	28
	Air Volume l/s	140	150	160	170	180	190	200
	Throw (0.25 - 0.5m/s)	8.1 - 4.0	8.7 - 4.2	9.3 - 4.5	9.9 - 4.8	10.5 - 5.2	11 - 5.6	11.6 - 5.8
	Pd	13	15	17	19	21	23	26
	NR Level	30	32	33	35	37	38	40
	Air Volume l/s	70	80	90	100	110	120	130
	Throw (0.25 - 0.5m/s)	2.7	3.1	3.5	3.9	4.3	4.6	5
	Pd	3	4	5	6	8	9	11
	NR Level	<20	<20	<20	20	23	25	28
1 Way	Air Volume l/s	140	150	160	170	180	190	200
	Throw (0.25 - 0.5m/s)	8.1 - 4.0	8.7 - 4.2	9.3 - 4.5	9.9 - 4.8	10.5 - 5.2	11 - 5.6	11.6 - 5.8
	Pd	13	15	17	19	21	23	26
	NR Level	30	32	33	35	37	38	40

Performance data is based on Isothermal Supply Air Temperatures

Temperature Differential	-10°	-5°	0°	+5°	+10°
Multiplication Factor	0.6	0.8	1	1.15	1.3

Please contact our Sales Office on for selection guidance on the above:

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