

DOUBLE DEFLECTION WALL DIFFUSERS



Type	Neck Size (mm)	Order Code
Fixed Core	300 x 100 *	DCT2020
	350 x 150 *	DCT2021
	400 x 100	DCT2022
	400 x 150	DCT2023
	400 x 200	DCT2024
	500 x 100	DCT2025
	500 x 150	DCT2026
	500 x 200	DCT2027
	500 x 300	DCT2028
	600 x 150	DCT2029
	600 x 200	DCT2030
	600 x 300	DCT2031
	800 x 150	DCT2032
	800 x 200	DCT2033
	800 x 300	DCT2034
	Removable Core	800 x 400
300 x 100 *		DCT1372
300 x 150		DCT4137
350 x 100 *		DCT1373
400 x 150		DCT1374
400 x 200		DCT1375
500 x 200		DCT4135
600 x 300	DCT4133	

- Manufactured in high quality aluminium extrusion profiles, powder coated white
- Designed with nylon bushes for efficient, smooth operation
- Deflection blades are adjustable individually
- Standard 20mm blade spacing
- Opposed blade dampers and removable core are available on request
- Special sizes subject to availability

* Suits poly floor boots (see page 101)

Please enquire about any options not listed above that you may wish to order

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Technical

Neck Size W x D (mm)	Face Vel (m/s)	1.5	2	2.5	3	3.5	4	4.5	5
	Static Pressure (Pa)	9	16	26	37	50	62	83	102
300 x 100	Flow (l/s)	38	51	63	75	90	102	114	129
	Flow (m ³ /hr)	138	185	228	272	325	371	411	466
	NR (dB(A))	<15	15	23	26	30	35	41	45
300 x 150 400 x 100	Flow (l/s)	56	75	94	114	133	149	168	189
	Flow (m ³ /hr)	202	272	342	411	479	541	607	684
	NR (dB(A))	<15	15	24	28	30	35	41	46
500 x 100	Flow (l/s)	66	88	111	132	155	178	200	223
	Flow (m ³ /hr)	238	318	403	476	561	643	723	806
	NR (dB(A))	<15	15	22	28	30	35	40	46
400 x 150	Flow (l/s)	77	102	128	153	178	202	230	256
	Flow (m ³ /hr)	277	367	462	553	644	731	831	927
	NR (dB(A))	<15	16	24	27	30	35	40	46
400 x 200 500 x 150	Flow (l/s)	86	128	142	169	197	225	255	284
	Flow (m ³ /hr)	309	462	515	612	714	813	921	1029
	NR (dB(A))	<15	16	23	27	31	35	40	46
500 x 200 600 x 150	Flow (l/s)	113	150	188	226	263	301	338	376
	Flow (m ³ /hr)	408	544	680	816	952	1088	1224	1360
	NR (dB(A))	<15	17	23	27	31	35	40	46
600 x 200 800 x 150	Flow (l/s)	169	226	282	348	395	451	508	573
	Flow (m ³ /hr)	612	816	1020	1250	1425	1632	1836	2074
	NR (dB(A))	<15	20	23	27	31	35	40	47
500 x 300 600 x 300 800 x 200	Flow (l/s)	226	301	376	451	526	602	677	752
	Flow (m ³ /hr)	816	1088	1360	1632	1904	2176	2448	2720
	NR (dB(A))	16	21	24	28	32	37	41	48

Dimensions (mm)

A	B	C	D
25	20	25	45

