

DOUBLE DEFLECTION

WALL DIFFUSER

Neck Adaptor	Fixed Core	Removable Core
Size (mm)	Order Code	Order Code
300 x 100	DCT2020*	DCT1372*
300 x 150		DCT4137
350 x 150	DCT2021*	DCT1373*
400 x 100	DCT2022	
400 x 150	DCT2023	DCT1374
400 x 200	DCT2024	DCT1375
500 x 100	DCT2025	
500 x 150	DCT2026	
500 x 200	DCT2027	DCT4135
500 x 300	DCT2028	
600 x 150	DCT2029	
600 x 200	DCT2030	
600 x 300	DCT2031	DCT4133
800 x 150	DCT2032	
800 x 200	DCT2033	
800 x 300	DCT2034	
800 x 400	DCT2035	

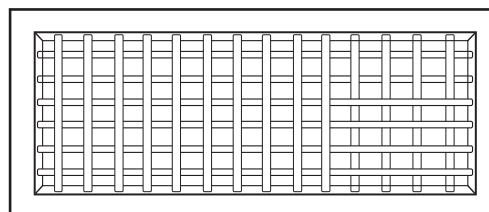
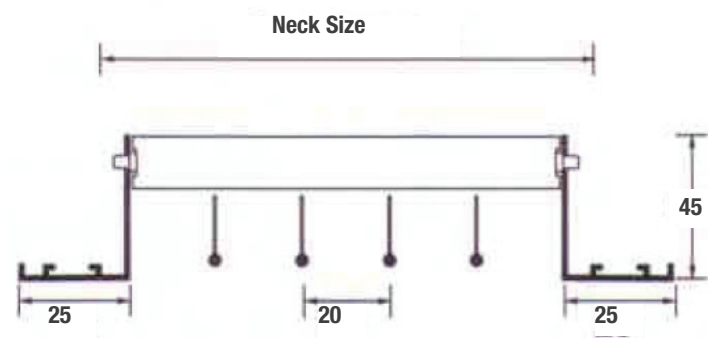


400 x 100 Double Deflection Wall Diffuser

- 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 - DCT0714, DCT0715, DCT0716 see page 140

DIMENSION INFORMATION



1. Products with the order code showing are generally ex-stock lines - other products are available to order.

TECHNICAL DATA

Neck Adaptor Size (mm)	Face Velocity (m/sec)	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	24	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	31	35	41	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	30	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	125	1428	1632	1836	2074
	NR (dB(A))	<15	20	23	28	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
800 x 300	Flow (l/s)	310	414	517	620	724	827	931	1034
	Flow (m ³ /hr)	1122	1496	1870	2244	2618	2992	3366	3740
	NR (dB(A))	17	22	26	30	35	38	43	51