

ONE PIECE 4-WAY

DIFFUSER

Neck Size (mm)	Order Code
150 x 150	DCT2006
225 x 225	DCT2007
300 x 300	DCT2008
360 x 360	DCT2009
450 x 450	DCT2010*



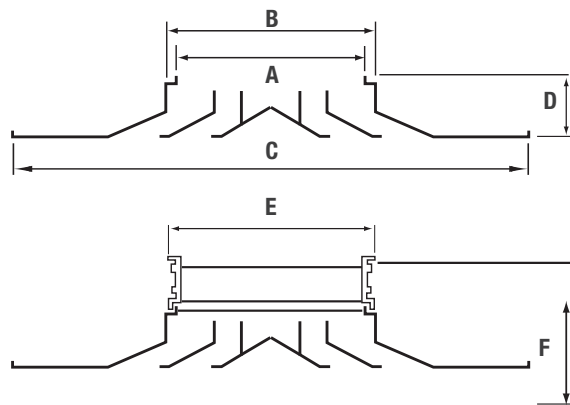
- One piece pressed aluminium, powder coated white.
- Removable core, no joints, smooth airflow.
- Poly neck adaptors and side entry cushion boxes see page 133

* 595 x 595mm "lay in" T-rail diffuser.

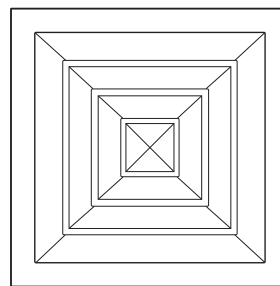
300 x 300 One Piece 4-Way

DIMENSION INFORMATION

Neck Size (mm)	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)
150 x 150	131	144	290	45	137	85
225 x 225	207	220	365	45	212	85
300 x 300	278	294	440	45	285	85
360 x 360	355	369	515	45	360	85
450 x 450	430	444	595	45	435	85



Side View



Front View

TECHNICAL DATA

- One Piece Diffusers.
- Manufactured from aluminium sheets in one piece, no joints, smooth airflow.
- Easily removable internal core assembly for ease of installation.
- Negligible resistance to airflow.
- Powder coated white.

Neck Adaptor Size (mm)	Neck Vel (m/s)	1.5	2	2.5	3	3.5	4	4.5	5	5.5	6	6.5	7
150 x 150	Throw (m)	-	0.8	1.2	1.4	2.9	4.4	5.6	6.6	7.6	8.5	9.4	10.2
	PD (Pa)	-	13	19	27	37	47	59	72	86	102	119	136
	Flow (l/s)	-	36	46	55	64	73	82	91	100	109	118	128
	NR (dB(A))	-	11	15	19	22	24	27	29	32	36	38	41
225 x 225	Throw (m)	0.8	2.0	4.9	7.0	8.7	10.2	11.6	12.9	14.2	15.5	16.8	18.1
	PD (Pa)	7	13	19	27	37	47	59	72	86	102	119	136
	Flow (l/s)	66	88	110	132	154	176	198	221	243	265	287	309
	NR (dB(A))	9	15	19	23	26	29	33	37	40	43	46	48
300 x 300	Throw (m)	1.8	5.6	8.0	9.9	11.5	13.1	14.7	16.3	18.0	19.7	21.4	23.2
	PD (Pa)	7	13	19	27	37	47	59	72	86	102	119	136
	Flow (l/s)	122	162	203	244	284	325	366	406	447	487	528	569
	NR (dB(A))	12	18	22	26	29	34	38	42	45	48	51	53
360 x 360	Throw (m)	4.5	7.5	9.6	11.3	13.0	14.7	16.5	18.4	20.4	22.5	24.7	27.0
	PD (Pa)	7	13	19	27	37	47	59	72	86	102	119	136
	Flow (l/s)	194	259	324	389	454	518	583	648	713	778	842	907
	NR (dB(A))	14	20	24	28	33	38	42	46	49	52	55	57
595 x 595	Throw (m)	6.4	8.7	10.4	12.0	13.8	15.7	17.8	20.0	22.3	24.8	27.4	30.0
	PD (Pa)	7	13	19	27	37	47	59	72	86	102	119	136
	Flow (l/s)	290	387	484	581	678	774	871	968	1065	1162	1258	1355
	NR (dB(A))	16	22	26	31	37	41	45	49	52	55	58	61