

Difuser DCFAB Steel / DCFLB Aluminium

SPIRO DUCT + FITTINGS + GRILLES + **DIFFUSERS** + FILTERS + FLEXIBLE DUCT + ACCESORIES

Data

NOMINAL DIAMETER	NECK VELOCITY, FPM Presión en Pulgadas de Agua WG	400 0.010	500 0.016	600 0.023	700 0.031	800 0.040	900 0.051	1000 0.063	1200 0.090	1400 0.122	1600 0.160
6"	TOTAL PRESSURE IN INCHES OF WATER, WG	0.027	0.042	0.06	0.08	0.103	0.131	0.162	0.231	0.312	0.409
	AIR FLOW, CFM	82	102	122	142	162	182	202	237	277	317
	THROW	3-3-5	3-4-6	3-5-7	4-5-8	4-6-9	5-6-10	5-7-11	5-8-12	7-9-14	7-11-15
	NC NOISE CRITERION			15	20	24	27	31	36	41	45
8"	TOTAL PRESSURE IN INCHES OF WATER, WG	0.035	0.054	0.077	0.102	0.132	0.168	0.207	0.294	0.399	0.522
	AIR FLOW, CFM	142	177	212	247	282	317	352	422	492	562
	THROW	3-5-7	4-5-8	5-6-10	5-7-11	6-8-12	6-9-14	7-10-15	8-12-18	9-14-21	11-15-24
	NC NOISE CRITERION		16	22	27	32	35	38	45	49	54
10"	TOTAL PRESSURE IN INCHES OF WATER, WG	0.029	0.045	0.064	0.086	0.11	0.14	0.172	0.245	0.331	0.434
	AIR FLOW, CFM	222	272	332	382	437	492	547	657	767	872
	THROW	4-5-8	4-6-9	5-7-11	5-8-12	6-9-14	7-10-16	8-11-17	9-13-21	11-15-24	12-17-28
	NC NOISE CRITERION		12	18	22	27	31	34	40	45	49
12"	TOTAL PRESSURE IN INCHES OF WATER, WG	0.028	0.044	0.062	0.083	0.107	0.136	0.168	0.238	0.322	0.422
	AIR FLOW, CFM	317	392	472	552	632	707	787	942	1102	1257
	THROW	4-6-9	5-7-11	5-8-13	7-9-14	7-11-16	8-12-18	9-13-20	11-15-24	12-18-28	14-20-31
	NC NOISE CRITERION		12	18	23	27	31	34	40	46	50
14"	TOTAL PRESSURE IN INCHES OF WATER, WG	0.040	0.063	0.090	0.120	0.154	0.196	0.242	0.344	0.467	0.610
	AIR FLOW, CFM	427	532	637	747	852	957	1067	1272	1492	1697
	THROW	5-7-11	5-9-13	7-10-16	8-12-18	9-13-21	10-15-23	11-16-25	13-19-30	15-22-35	17-25-40
	NC NOISE CRITERION	12	19	24	29	33	37	41	47	52	56
16"	TOTAL PRESSURE IN INCHES OF WATER, WG	0.35	0.055	0.078	0.104	0.134	0.170	0.210	0.299	0.405	0.530
	AIR FLOW, CFM	562	702	842	982	1122	1262	1402	1682	1962	2242
	THROW	6-8-12	7-10-15	8-11-17	9-13-20	10-15-23	11-16-25	12-18-28	15-20-34	17-25-39	19-28-44
	NC NOISE CRITERION		17	23	28	32	36	40	45	50	54
20"	TOTAL PRESSURE IN INCHES OF WATER, WG	0.032	0.049	0.070	0.093	0.120	0.152	0.188	0.268	0.362	0.474
	AIR FLOW, CFM	877	1102	1312	1532	1752	1972	2192	2612	3062	3502
	THROW	7-9-14	8-11-18	9-13-21	10-14-24	12-18-28	13-19-30	14-21-33	16-26-41	20-30-47	23-34-54
	NC NOISE CRITERION		17	22	27	31	35	39	44	49	53
24"	TOTAL PRESSURE IN INCHES OF WATER, WG	0.026	0.040	0.056	0.075	0.096	0.122	0.150	0.213	0.288	0.378
	AIR FLOW, CFM	1262	1572	1882	2202	2512	2822	3142	3772	4402	5022
	THROW	7-10-16	9-13-20	10-15-23	12-17-27	13-20-31	15-22-35	17-24-38	20-29-46	23-34-53	26-38-61
	NC NOISE CRITERION		14	20	25	29	33	36	42	47	51

Throw value is based on terminal velocity of 150, 100 and 50 FPM.

-Dashed line in NC box indicates noise level is less than 20.

-NC level is based on 10 dB room attenuation with one difuser operating.

-Changes without prior notice