



GD Guide-line Linear Diffuser Performance Data

Nom. Width	CFM Ft.	75	100	125	150	175	200	250	300	350	400	450	500	550
4"	Throw	8-16	11-19	14-20	16-23	17-24	19-26	21-30	23-33					
	Press.	.014	.024	.036	.050	.066	.084	.130	.175					
	Velocity	416	556	694	833	972	1111	1389	1667					
6"	Throw		9-18	11-21	13-23	16-25	18-27	21-30	23-32	25-35	27-38			
	Press.		.009	.014	.020	.026	.033	.050	.070	.095	.120			
	Velocity		344	431	517	603	689	862	1034	1206	1379			
8"	Throw				10-22	13-25	14-27	19-30	22-33	25-35	27-38	28-40	30-42	31-44
	Press.				.010	.013	.017	.025	.035	.048	.060	.074	.050	.104
	Velocity				357	417	476	595	714	833	952	1071	1190	1310
10"	Throw					11-24	13-26	17-30	20-32	24-35	26-38	28-40	30-44	31-44
	Press.					.010	.011	.016	.024	.031	.040	.050	.060	.070
	Velocity					330	377	472	566	660	755	845	943	1038

NOTES ON PERFORMANCE DATA:

All pressures listed are in inches of water. Throw in feet are based on a 0° temperature differential. Minimum throw to a terminal velocity (VT) of 100 ft. per minute, and maximum to 50 ft. per minute.

CLD-1 or 2-Way Curvi-Linear Diffuser Performance Data

Nom. Width	CFM Ft.	75	100	125	150	175	200	250	300	350	400	450	500	550
4"	Throw 1 way	8-14	11-18	14-23	17-27	20-31	22-36	28-44						
	Throw 2 way	7-11	9-15	12-19	14-23	17-26	19-30	23-32						
	Press.	.028	.051	.082	.127	.165	.208	.329						
	Velocity	283	380	480	580	680	766	960						
6"	Throw 1 way		9-14	11-17	13-20	15-23	16-26	20-32	24-38	28-45	32-51			
	Throw 2 way		8-12	9-15	11-17	12-19	14-22	17-27	20-32	23-37	26-42			
	Press.		.022	.034	.049	.068	.090	.142	.200	.273	.355			
	Velocity		250	312	375	437	500	625	750	875	1000			
8"	Throw 1 way		6-11	8-13	10-17	12-19	14-22	16-26	19-31	22-36	25-41	28-46	31-51	35-56
	Throw 2 way		5-9	7-11	8-14	10-16	12-19	14-22	16-26	20-31	22-35	24-38	26-41	29-46
	Press.		.012	.019	.026	.035	.046	.071	.100	.151	.188	.237	.296	.355
	Velocity		181	227	272	318	363	440	545	648	727	818	909	1000
10"	Throw 1 way			7-10	9-14	11-16	13-18	15-22	17-27	19-39	22-35	24-39	26-42	28-46
	Throw 2 way			6-9	7-12	8-14	10-16	12-19	14-22	16-25	18-28	20-32	22-36	25-40
	Press.			.012	.016	.022	.028	.045	.069	.090	.120	.150	.183	.217
	Velocity			178	216	250	285	360	440	500	570	640	716	780

NOTES ON PERFORMANCE DATA:

All pressures listed are in inches of water. Throw in feet are based on a 0° temperature differential. Minimum throw to a terminal velocity (VT) of 100 ft. per minute, and maximum to 50 ft. per minute.