

Performance Data

LAY-IN LINEAR DIFFUSERS FOR T-BAR APPLICATIONS

Models: CLDT1, CLDTOB1, CLDT2, CLDTOB2, VLDT, VLDTOB

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		8-11	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
12"	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.