

DASL10X ■ DASLJ10X

Free Area per ft. (in sq. ft.)	Number of Slots	Total Pressure (in w.g.)	0.004	0.014	0.031	0.055	0.084	0.121	0.163	0.212
0.226	1	Airflow (CFM/FT)	11	23	34	45	57	68	79	90
		NC	-	-	19	25	29	32	35	38
		Throw (ft.)	1-3-7	4-7-15	7-12-20	10-15-22	13-18-24	15-20-25	17-21-26	18-22-27
0.452	2	Airflow (CFM/FT)	23	45	68	90	113	136	158	181
		NC	-	-	20	27	31	35	39	42
		Throw (ft.)	1-4-10	6-10-21	10-16-28	14-21-32	18-25-34	21-28-36	24-30-37	26-32-38
0.678	3	Airflow (CFM/FT)	34	68	102	136	170	203	237	271
		NC	-	-	21	28	34	38	42	45
		Throw (ft.)	2-4-13	7-13-26	13-20-34	18-26-39	22-31-42	26-34-44	29-37-46	32-39-47
0.904	4	Airflow (CFM/FT)	45	90	136	181	226	271	316	362
		NC	-	-	23	30	36	40	44	47
		Throw (ft.)	2-5-15	9-15-30	15-23-39	20-30-45	26-35-48	30-39-51	34-42-53	37-45-54

Performance Notes:

1. Products have been tested in accordance with ASHRAE Standard 70-2023 "Method of Testing for Rating the Performance of Air Outlets and Inlets."
2. Air flow is in CFM.
3. All pressures are in. w.g.
4. The performance tables are based on DASL diffusers with pattern controllers.
5. Throw values are given for terminal velocities of 150, 100 and 50 FPM under isothermal conditions.
6. Throw values are based on an active section 4 feet long.
7. Dash (-) in space denotes an NC value less than 15.
8. NC values are based on a room absorption of 10 dB, re 10-12 watts, with a 4-foot active section.

NC Corrections by Length	
2'	-3
4'	0
6'	2
8'	3
10'	5

DASL75X ■ DASLJ75X

Free Area per ft. (in sq. ft.)	Number of Slots	Total Pressure (in w.g.)	0.004	0.016	0.034	0.058	0.089	0.126	0.170	0.220
0.176	1	Airflow (CFM/FT)	9	18	26	35	44	53	62	70
		NC	-	-	18	25	30	34	37	40
		Throw (ft.)	1-2-7	4-7-13	7-10-17	9-13-20	11-16-21	13-17-22	15-19-23	16-20-24
0.352	2	Airflow (CFM/FT)	18	35	53	70	88	106	123	141
		NC	-	-	21	28	33	37	40	43
		Throw (ft.)	1-3-9	5-9-19	9-15-24	13-19-28	16-22-30	19-24-32	21-26-33	23-28-34
0.528	3	Airflow (CFM/FT)	26	53	79	106	132	158	185	211
		NC	-	-	23	30	35	39	43	46
		Throw (ft.)	2-4-11	7-11-23	11-18-30	16-23-34	20-27-37	23-30-39	26-32-40	28-34-41
0.704	4	Airflow (CFM/FT)	35	70	106	141	176	211	246	282
		NC	-	-	24	31	37	41	45	48
		Throw (ft.)	2-4-13	8-13-27	13-21-35	18-27-39	23-31-43	27-35-45	30-37-46	32-39-48

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DASL50X ■ DASLJ50X

Free Area per ft. (in sq. ft.)	Number of Slots	Total Pressure (in w.g.)	0.006	0.022	0.047	0.078	0.116	0.162	0.215	0.275
0.137	1	Airflow (CFM/FT)	7	14	21	27	34	41	48	55
		NC	-	-	23	30	36	41	45	48
		Throw (ft.)	1-2-5	3-5-11	5-9-15	8-11-17	10-13-19	11-15-20	13-16-20	14-17-21
0.273	2	Airflow (CFM/FT)	14	27	41	55	68	82	96	109
		NC	-	-	24	32	37	42	46	49
		Throw (ft.)	1-3-8	4-8-16	8-12-21	11-16-24	14-19-26	16-21-28	18-23-29	20-24-30
0.41	3	Airflow (CFM/FT)	21	41	62	82	103	123	144	164
		NC	-	15	26	33	39	43	47	51
		Throw (ft.)	1-3-9	5-9-18	9-15-26	13-20-30	17-23-32	20-26-34	22-28-35	24-30-36
0.547	4	Airflow (CFM/FT)	27	55	82	109	137	164	191	219
		NC	-	16	27	35	40	45	49	53
		Throw (ft.)	1-4-11	6-11-23	11-17-30	15-23-34	19-27-37	23-30-39	26-32-41	28-34-42

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