

Model SSDL Drum Louver / Supply Performance Data

Nominal Size	Duct Velocity	300	400	500	600	700	800	900	1000
	Vel. Pressure	0.01	0.01	0.02	0.02	0.03	0.04	0.05	0.06
9" x 6"	Flow, cfm	130	175	215	260	305	345	390	435
	Pt	0.03	0.05	0.08	0.11	0.14	0.19	0.24	0.29
	Throw,ft	9-12-21	11-14-24	13-17-28	15-19-32	17-22-35	19-24-39	21-27-42	23-30-46
	NC	<20	<20	<20	20	25	29	33	37
18" x 6"	Flow, cfm	250	335	415	500	585	665	750	835
	Pt	0.03	0.05	0.08	0.11	0.14	0.19	0.24	0.29
	Throw,ft	15-20-32	17-23-37	22-27-41	23-30-46	264-33-50	28-37-55	32-40-60	34-44-65
	NC	<20	<20	<20	23	28	33	36	40
60" x 6"	Flow, cfm	815	1,085	1,360	1,630	1,900	2,170	2,445	2,175
	Pt	0.03	0.05	0.08	0.11	0.14	0.19	0.24	0.29
	Throw,ft	30-39-60	35-44-68	40-50-77	44-55-85	49-61-93	55-67-101	59-72-108	64-79-115
	NC	<20	<20	21	28	33	38	41	45
20" x 10"	Flow, cfm	440	585	730	880	1,025	1,170	1,320	1,465
	Pt	0.02	0.04	0.06	0.09	0.12	0.16	0.20	0.24
	Throw,ft	19-28-42	23-32-48	27-36-54	30-40-61	34-45-67	38-49-74	42-53-80	46-57-85
	NC	<20	<20	20	26	32	37	41	44
35" x 10"	Flow, cfm	760	1,010	1,265	1,515	1,770	2,020	2,275	2,525
	Pt	0.02	0.04	0.06	0.09	0.12	0.16	0.20	0.24
	Throw,ft	27-36-58	31-41-65	'36-47-73	41-53-81	46-59-88	52-65-96	56-70-104	61-76-112
	NC	<20	<20	22	29	34	39	43	47
70" x 10"	Flow, cfm	1,500	2,000	2,500	3,000	3,500	4,000	4,500	5,000
	Pt	0.02	0.04	0.06	0.09	0.12	0.16	0.20	0.24
	Throw,ft	38-51-82	45-59-93	52-67-104	59-76-115	66-84-126	74-92-137	80-100-149	88-109-160
	NC	<20	<20	25	31	37	42	46	49
20" x 12"	Flow, cfm	525	700	875	1,050	1,225	1,400	1,575	1,750
	Pt	0.02	0.04	0.06	0.09	0.12	0.15	0.19	0.24
	Throw,ft	20-29-44	24-33-50	28-38-57	32-42-63	36-47-70	40-51-76	43-56-84	47-61-91
	NC	<20	<20	21	27	32	36	41	44
40" x 12"	Flow, cfm	1,035	1,380	1,725	2,065	2,410	2,755	3,100	3,445
	Pt	0.02	0.04	0.06	0.09	0.12	0.15	0.19	0.24
	Throw,ft	33-45-72	39-52-82	45-59-93	51-66-103	57-74-113	63-81-124	69-89-135	76-96-146
	NC	<20	<20	24	30	34	40	43	47
70" x 12"	Flow, cfm	1,795	2,395	2,995	3,590	4,190	4,785	5,385	5,985
	Pt	0.02	0.04	0.06	0.09	0.12	0.15	0.19	0.24
	Throw,ft	40-54-88	48-63-101	55-72-114	63-81-127	71-90-141	78-99-154	86-109-167	94-119-180
	NC	<20	<20	26	32	37	42	46	49
15" x 15"	Flow, cfm	500	665	830	1,000	1,165	1,330	1,500	1,660
	Pt	0.02	0.04	0.05	0.08	0.10	0.13	0.17	0.21
	Throw,ft	20-30-47	24-34-54	28-39-61	32-43-67	36-48-74	40-53-81	45-57-88	49-62-95
	NC	<20	<20	21	28	33	38	42	45
35" x 15"	Flow, cfm	1,035	1,380	1,720	2,065	2,415	2,760	3,100	3,445
	Pt	0.02	0.04	0.05	0.08	0.10	0.13	0.17	0.21
	Throw,ft	31-41-54	36-48-79	39-55-89	47-61-100	54-69-108	60-77-120	66-84-130	73-92-140
	NC	<20	<20	24	31	35	41	45	48
40" x 15"	Flow, cfm	1,295	1,725	2,155	2,585	3,020	3,450	3,880	4,310
	Pt	0.02	0.04	0.05	0.08	0.10	0.13	0.17	0.21
	Throw,ft	33-45-76	40-53-88	43-61-99	53-68-112	60-77-120	67-85-134	74-93-145	81-102-156
	NC	<20	<20	25	32	36	42	46	49
70" x 15"	Flow, cfm	2,245	2,995	3,745	4,495	5,240	5,990	6,740	7,490
	Pt	0.02	0.04	0.05	0.08	0.10	0.13	0.17	0.21
	Throw,ft	44-60-101	53-70-116	62-81-131	71-91-147	80-102-162	89-112-177	98-123-192	107-135-207
	NC	<20	20	27	34	39	44	48	51

- Data determined in accordance with ASHRAE Standard 70-1991
- Duct Velocity - Feet per Minute
- Velocity Pressure - inches W.G.
- Pt - Total Pressure, Inches W.G.
- Throw - Distance, in feet, to terminal velocities of 150,100,50 FPM, respectively, isothermal air, 0 degree deflection.
- NC - Noise Criteria with room attenuation of 10 db.

CORRECTION FACTORS FOR 15° AND 30° DEFLECTION

Deflection	T.P.	Throw	NC
15°	x 1.5	x .85	+ 4
30°	x 1.9	x .73	+ 9



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