

LJP: 1 Slot 1" width

8" Ø INLET	4 Ft.	Airflow, CFM	135	170	205	240	270								
		Total Pressure	0.050	0.077	0.108	0.147	0.184								
		Static Pressure	0.040	0.061	0.086	0.116	0.144								
		NC (Noise Criteria)	15	18	22	26	31								
		Throw	5	9	15	8	12	18	10	15	21	12	19	24	14
10" Ø INLET	4 Ft.	Airflow, CFM	158	199	240	281	316								
		Total Pressure	0.056	0.086	0.121	0.164	0.206								
		Static Pressure	0.046	0.070	0.099	0.133	0.166								
		NC (Noise Criteria)	15	18	24	28	34								
		Throw	6	10	17	9	13	21	12	17	25	14	20	28	17
12" Ø INLET	4 Ft.	Airflow, CFM	180	227	273	320	360								
		Total Pressure	0.061	0.093	0.131	0.178	0.222								
		Static Pressure	0.050	0.077	0.109	0.147	0.182								
		NC (Noise Criteria)	16	18	25	30	35								
		Throw	8	12	19	10	16	22	13	19	25	16	21	27	18

LJP: 1 Slot 1-1/2" width

8" Ø INLET	4 Ft.	Airflow, CFM	202	249	294	333	374								
		Total Pressure	0.064	0.101	0.144	0.193	0.252								
		Static Pressure	0.054	0.085	0.122	0.162	0.212								
		NC (Noise Criteria)	15	20	27	31	33								
		Throw	7	12	19	9	15	22	10	17	25	11	18	28	13
10" Ø INLET	4 Ft.	Airflow, CFM	210	265	320	370	425								
		Total Pressure	0.070	0.110	0.158	0.211	0.276								
		Static Pressure	0.060	0.094	0.136	0.180	0.236								
		NC (Noise Criteria)	15	23	28	33	37								
		Throw	8	14	21	10	17	26	12	21	30	15	24	33	17
12" Ø INLET	4 Ft.	Airflow, CFM	218	381	346	407	476								
		Total Pressure	0.075	0.118	0.169	0.225	0.295								
		Static Pressure	0.065	0.102	0.147	0.194	0.255								
		NC (Noise Criteria)	15	24	29	34	38								
		Throw	9	15	22	11	18	27	13	22	31	16	25	34	18

LJP: 1 Slot 2" width

8" Ø INLET	4 Ft.	Airflow, CFM	290	355	425	500	570								
		Total Pressure	0.075	0.116	0.164	0.223	0.286								
		Static Pressure	0.065	0.100	0.142	0.192	0.246								
		NC (Noise Criteria)	18	24	31	35	39								
		Throw	6	11	21	8	14	25	11	17	28	13	20	31	16
12" Ø INLET	4 Ft.	Airflow, CFM	310	385	460	540	615								
		Total Pressure	0.080	0.123	0.175	0.237	0.305								
		Static Pressure	0.070	0.107	0.153	0.206	0.265								
		NC (Noise Criteria)	18	25	32	35	39								
		Throw	8	14	24	10	18	29	12	22	33	14	25	36	16

LJP: 1 Slot 2-1/2" width

12" Ø INLET	4 Ft.	Airflow, CFM	350	438	525	613	700								
		Total Pressure	0.083	0.118	0.165	0.217	0.274								
		Static Pressure	0.073	0.102	0.143	0.186	0.234								
		NC (Noise Criteria)	18	27	31	36	40								
		Throw	9	14	25	12	18	31	15	22	35	18	25	38	20

LJP: 1 Slot 3" width

12" Ø INLET	4 Ft.	Airflow, CFM	380			475			570			665			760		
		Total Pressure	0.066			0.106			0.153			0.221			0.290		
		Static Pressure	0.056			0.090			0.131			0.190			0.250		
		NC (Noise Criteria)	19			28			32			36			40		
		Throw	9	15	26	12	19	31	15	23	35	18	26	38	20	28	41

Performance Notes:

- 1) Published data based on active sections 4 feet long.
- 2) Throw values are measured in feet for terminal velocities of 150/100/50 FPM.
- 3) Throw data is based on 1-way discharge from the slot
- 4) Data obtained from tests conducted in accordance with ANSI/ASHRAE standard 70-1991.

Table 1	NC correction for continuous active lengths.				
Length (Feet)	2	4	6	8	10
Supply	-2	0	+2	+3	+5
Return	0	+3	+5	+6	+8

Throw Correction for Length

Active Length (feet)	2'	4' (published)	8'	10'	12'
Throw Correction	0.7	0	1.5	1.7	1.8