

## PERFORMANCE DATA - ALUMINUM PUNKAH LOUVER - MODEL PL/PL-D

MODEL	Nozzle Velocity (FPM)	1000	1500	2000	2500	3000	3500	4000
PL-04 PL-04D	CFM	22	33	44	55	66	77	88
	S.P.	0.03	0.07	0.13	0.20	0.28	0.39	0.50
	NC	<15	<15	17	21	23	26	30
	Throw	2-5-10-15	3-6-12-19	4-9-17-27	5-11-17-27	6-13-19-30	7-15-20-32	9-18-23-35
PL-06 PL-06D	CFM	49	74	98	123	147	172	196
	S.P.	0.05	0.12	0.22	0.34	0.49	0.66	0.86
	NC	<15	<15	15	21	25	29	33
	Throw	3-5-10-15	4-7-13-20	5-10-15-22	6-12-18-26	7-14-19-28	9-15-20-30	10-16-22-32
PL-08 PL-08D	CFM	104	157	209	261	313	365	418
	S.P.	0.06	0.14	0.24	0.38	0.53	0.70	0.92
	NC	<15	<15	17	24	30	35	38
	Throw	4-7-15-23	5-11-18-28	7-15-23-32	9-17-25-39	11-19-27-41	13-21-29-44	15-23-32-45
PL-10 PL-10D	CFM	180	270	361	451	541	631	721
	S.P.	0.07	0.15	0.25	0.39	0.56	0.74	0.96
	NC	<15	<15	21	29	35	40	45
	Throw	5-9-18-30	7-14-24-37	9-19-30-43	12-23-32-45	15-25-36-51	17-27-38-57	19-30-43-60
PL-12 PL-12D	CFM	297	445	593	742	890	1038	1187
	S.P.	0.07	0.15	0.26	0.40	0.58	0.78	1.01
	NC	<15	15	24	32	38	44	47
	Throw	7-12-25-38	9-18-31-47	12-25-38-55	15-29-41-65	19-32-46-70	22-35-49-74	25-38-57-76
PL-14 PL-14D	CFM	406	609	811	1014	1217	1420	1623
	S.P.	0.07	0.15	0.26	0.41	0.58	0.79	1.02
	NC	<15	15	25	33	39	44	48
	Throw	8-14-29-45	11-21-36-55	14-29-45-64	17-34-48-76	22-37-54-81	25-41-57-86	29-45-64-89
PL-16 PL-16D	CFM	518	778	1036	1296	1555	1815	2074
	S.P.	0.07	0.14	0.26	0.41	0.58	0.80	1.03
	NC	<15	16	26	33	39	44	49
	Throw	8-16-30-43	11-19-35-50	13-23-43-60	16-27-46-72	20-34-52-76	25-39-56-82	30-42-62-87
PL-18 PL-18D	CFM	601	902	1202	1503	1804	2105	2406
	S.P.	0.06	0.13	0.24	0.37	0.54	0.74	0.96
	NC	<15	16	26	33	39	44	49
	Throw	9-18-33-47	13-24-37-53	15-26-43-66	18-32-50-73	24-36-54-80	27-40-60-85	31-45-66-93
PL-20 PL-20D	CFM	835	1253	1670	2088	2506	2924	3341
	S.P.	0.06	0.12	0.22	0.34	0.49	0.68	0.88
	NC	<15	17	27	34	40	46	51
	Throw	10-20-34-50	14-26-45-66	18-32-50-74	24-39-60-85	28-45-65-91	30-50-71-96	33-56-80-108

Performance data based on ASHRAE 70-91

**Throw:** Distance in feet from the nozzle discharge at which the maximum velocity has been reduced to specified terminal velocity [Vt].

**Terminal Velocity:** Maximum velocity [Vt] in feet per minute at the specified distance from the outlet face. Throw is listed at 400 fpm, 200 fpm, 100 fpm and 50 fpm respectively.

**Nozzle Velocity:** Nozzle discharge velocity in feet per minute (fpm).

**Airflow CFM:** Standard air density and isothermal conditions.

**Static Pressure:** Inches of water gauge.

**Noise Criteria:** Noise criteria [NC] curve which is not exceeded with a room attenuation of 10db and based on sound power level re:10-12 watts.