

Aluminum Pankah Louver - Multiple Unit Models

MODEL	Nozzle Velocity (FPM)	1000	1500	2000	2500	3000	3500	4000
APL-04-2	CFM	44	66	88	110	132	154	176
	Static Pressure	0.03	0.07	0.13	0.20	0.28	0.39	0.50
	NC	<20	<20	<20	22	26	29	33
	Projection	4-8-16	6-12-23	8-16-32	11-22-34	13-26-38	14-28-42	16-31-45
APL-04-3	CFM	66	99	132	165	198	231	264
	Static Pressure	0.03	0.07	0.13	0.20	0.28	0.39	0.50
	NC	<20	<20	20	24	28	31	35
	Projection	5-10-20	7-14-27	10-20-40	13-26-41	15-30-46	17-36-51	20-37-54
APL-04-4	CFM	88	132	176	220	264	308	352
	Static Pressure	0.03	0.07	0.13	0.20	0.28	0.39	0.50
	NC	<20	<20	21	25	29	32	36
	Projection	6-12-24	8-16-34	12-24-46	16-32-48	18-36-54	20-41-60	24-44-64
APL-06-2	CFM	98	148	196	246	294	344	392
	Static Pressure	0.05	0.12	0.22	0.34	0.49	0.66	0.86
	NC	<20	<20	20	24	28	32	36
	Projection	6-12-24	8-16-31	11-22-38	14-28-42	17-29-45	19-35-50	22-36-53
APL-06-3	CFM	147	222	294	369	441	516	588
	Static Pressure	0.05	0.12	0.22	0.34	0.49	0.66	0.86
	NC	<20	<20	22	26	30	34	38
	Projection	7-14-28	10-20-39	14-28-46	17-34-51	20-36-54	24-42-61	27-44-65
APL-06-4	CFM	196	296	392	492	588	688	784
	Static Pressure	0.05	.012	0.22	0.34	0.49	0.66	0.86
	NC	<20	<20	23	27	31	35	39
	Projection	8-16-32	12-24-46	16-32-54	20-40-60	24-42-64	28-50-72	32-52-76

performance data based on ASHRAE 70-91

Airflow CFM: Standard air density and isothermal conditions.

Noise Criteria: Noise criteria [NC] curve which is not exceeded with a Room Attenuation of 10db and based on Sound Power LevelRe: 10-12 watts.

Static Pressure: Inches of water gauge required.

Projection: Projection distance [THROW] in feet from the Nozzle discharge at which the maximum velocity has been reduced to specified terminal velocity [Vt].

Nozzle Velocity: Nozzle Discharge Velocity in feet per minute [fpm].

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

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APL-08-2	CFM	208	314	418	522	626	730	836
	Static Pressure	0.06	0.14	0.24	0.38	0.53	0.70	0.92
	NC	<20	<20	20	27	33	38	41
	Projection	8-16-32	11-22-44	15-30-55	19-39-62	24-43-64	28-49-73	32-53-77
APL-08-3	CFM	312	471	627	783	939	1095	1254
	Static Pressure	0.06	0.14	0.24	0.38	0.53	0.70	0.92
	NC	<20	<20	22	29	35	40	43
	Projection	10-20-39	13-26-58	18-36-66	23-47-75	29-53-78	34-60-88	54-65-94
APL-08-4	CFM	416	628	836	1044	1252	1460	1672
	Static Pressure	0.06	0.14	0.24	0.38	0.53	0.70	0.92
	NC	<20	<20	23	30	36	41	44
	Projection	12-22-46	16-34-68	22-45-78	28-56-88	34-62-92	40-70-104	46-76-110
APL-10-2	CFM	360	540	722	902	1082	1262	1442
	Static Pressure	0.07	0.15	0.25	0.39	0.56	0.74	0.96
	NC	<20	<20	24	32	38	43	48
	Projection	9-18-36	15-30-61	21-42-71	27-63-80	31-57-85	36-66-97	42-70-11
APL-10-3	CFM	540	810	1083	1353	1623	1893	2163
	Static Pressure	0.07	0.15	0.25	0.39	0.56	0.74	0.96
	NC	<20	<20	26	34	40	45	50
	Projection	12-24-48	18-36-73	25-50-87	32-63-97	37-70-104	44-80-117	51-85-122
APL-10-4	CFM	720	1080	1444	1804	2164	2524	2884
	Static Pressure	0.07	0.15	0.25	0.39	0.56	0.74	0.96
	NC	<20	20	27	35	41	46	51
	Projection	14-30-60	22-44-90	30-60-102	38-74-114	44-82-122	52-94-138	60-100-144

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APL-12-2	CFM	594	890	1186	1484	1780	2076	2374
	Static Pressure	0.07	0.15	0.26	0.40	0.58	0.78	1.01
	NC	<20	<20	27	35	41	47	50
	Projection	14-27-53	20-41-80	27-53-91	34-67-104	41-73-109	46-84-123	53-90-130
APL-12-3	CFM	891	1335	1779	4452	2670	3114	3561
	Static Pressure	0.07	0.15	0.26	0.40	0.58	0.78	1.01
	NC	<20	20	29	37	43	49	52
	Projection	17-32-65	24-50-80	32-65-110	41-81-126	49-88-133	56-102-150	65-109-158
APL-12-4	CFM	1188	1780	2372	2968	3560	4152	4748
	Static Pressure	0.07	0.15	0.26	0.40	0.58	0.78	1.01
	NC	<20	21	30	38	44	50	53
	Projection	20-38-76	28-58-114	38-76-130	48-96-148	58-104-156	66-120-176	76-128-186

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