

DRUM LOUVERS



Rev. 0

HIGH-CAPACITY AIR DISTRIBUTION WITH DIRECTIONAL CONTROL

MODEL **ADL10** - without damper

The Airvector® **ALD** Drum Louver series is engineered for high-volume air supply in large open spaces where long throw and directional control are essential. Designed with a rotating cylindrical drum and adjustable internal vanes, the **ALD** series allows for precise air direction both horizontally and vertically, making it ideal for use in shopping malls, industrial facilities, arenas, and other commercial applications.

Made from extruded aluminum, the **ALD** louvers ensure durability, smooth operation, and resistance to corrosion. Available in multiple configurations, the **ALD** series offers options for air pattern customization and easy integration into various mounting conditions.

PRODUCT VARIANTS

ADL10 - Standard drum louver, without damper.

ADL17 - With rear steel opposed blade damper for volume control

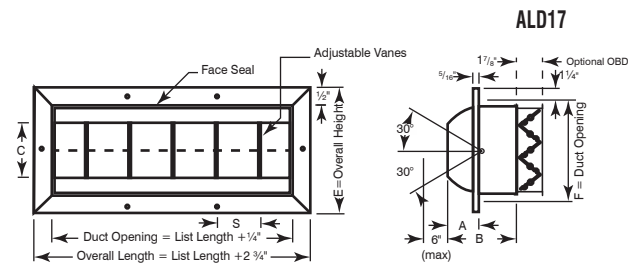
ALF18 - With integrated air scoop for enhanced directional throw

GENERAL FEATURES

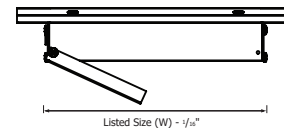
- **Adjustable Airflow Control** – Cylindrical drum rotates up to 60° for vertical control; internal vanes are adjustable for horizontal air spread
- **High Throw Performance** – Designed to deliver long throws for effective spot cooling or heating in large-volume spaces
- **Durable Construction** – Made entirely from extruded aluminum for long-lasting and corrosion-resistant performance
- **Surface Mount Design** – Standard flat frame with countersunk holes for secure wall or duct mounting



ADL10



ADL18



Drum Louver Standard Blades

ADL10

Size	Duct Velocity (fpm) Velocity Pressure	300 0.006	400 0.010	500 0.016	600 0.022	700 0.031	800 0.040	900 0.050	1000 0.062	1200 0.090
4 x 12	Ps	0.03	0.06	0.10	0.14	0.19	0.26	0.32	0.40	0.55
	CFM / ft	100	125	166	200	233	266	300	333	467
	NC	-	-	-	15	19	31	37	41	53
	Throw	10-13-20	13-16-23	15-18-26	16-19-29	18-21-31	19-22-33	20-23-36	21-25-38	23-28-46
4 x 18	Ps	0.03	0.05	0.07	0.10	0.15	0.20	0.25	0.31	0.42
	CFM / ft	150	200	250	300	350	400	450	500	600
	NC	-	-	-	19	26	33	37	43	53
	Throw	14-16-23	16-19-27	18-21-31	19-23-34	21-25-36	22-27-39	24-29-41	25-30-43	28-33-47
4 x 24	Ps	0.03	0.05	0.010	0.11	0.15	0.20	0.25	0.30	0.40
	CFM / ft	200	266	333	400	466	535	600	665	790
	NC	-	-	10	20	27	35	38	44	52
	Throw	16-19-27	18-22-32	20-24-26	23-27-39	24-29-42	27-31-45	28-33-49	29-35-51	32-39-57
4 x 30	Ps	0.03	0.05	0.07	0.11	0.15	0.20	0.25	0.32	0.43
	CFM / ft	250	333	415	500	583	665	750	830	995
	NC	-	-	12	22	28	34	39	46	57
	Throw	18-21-31	20-24-35	23-28-40	25-30-44	28-33-47	29-35-51	31-37-54	32-39-56	35-43-60
4 x 36	Ps	0.03	0.05	0.07	0.10	0.15	0.20	0.25	0.31	0.41
	CFM / ft	300	400	500	600	700	800	900	1000	1200
	NC	-	-	14	23	30	37	41	47	57
	Throw	19-23-33	22-27-38	25-30-43	27-33-48	29-35-51	31-38-55	33-40-58	35-42-62	39-46-69
4 x 42	Ps	0.02	0.05	0.07	0.11	0.15	0.20	0.25	0.31	0.41
	CFM / ft	350	465	583	700	815	933	1050	1160	1380
	NC	-	-	14	25	32	38	42	49	59
	Throw	21-25-36	24-28-41	26-32-47	29-35-51	32-38-58	34-41-60	36-43-64	38-46-67	42-51-74
4 x 48	Ps	0.03	0.05	0.08	0.11	0.15	0.20	0.25	0.31	0.41
	CFM / ft	400	533	665	800	933	1065	1200	1330	1595
	NC	-	-	15	25	31	38	42	50	61
	Throw	22-27-39	26-31-45	28-35-50	32-39-55	34-42-60	36-44-64	38-47-66	40-50-71	44-55-77
4 x 60	Ps	0.03	0.05	0.07	0.11	0.15	0.20	0.24	0.31	0.41
	CFM / ft	500	665	833	1000	1160	1330	1510	1670	1980
	NC	-	-	16	26	35	39	43	49	62
	Throw	26-30-43	29-34-50	33-39-56	36-43-61	39-45-66	41-49-71	43-52-75	47-55-80	54-61-92

SYMBOLS
 Ps Static Pressure in inches of water
 NC Noise Criteria based on 10 db room absorption
 Throw Vertical distances in feet to a terminal velocity of 150, 100 and 50 FPM
 Velocity Pressure in water gauge

Performance shown are based on a 15° upward deflection. To adjust: multiply by 1.2 for 0°, or by 0.8 for 30° upward deflection.

Data based on test results according to ASHRAE Standard 70-2023
Performance of Air Outlets and Inlets.

CORRECTION FACTORS

	Drums Angle	
	0°	30°
NC	-4	+4
Throw	1.2	0.8
Ps	0.8	1.43

Drum Louver Standard Blades

ADL10

Size	Duct Velocity (fpm) Velocity Pressure	300 0.01	400 0.01	500 0.02	600 0.02	700 0.03	800 0.04	900 0.05	1000 0.06	1200 0.09
6 x 9	Ps	0.06	0.09	0.12	0.15	0.19	0.23	0.29	0.36	0.54
	CFM / ft	113	150	188	225	263	300	338	375	450
	NC	-	-	18	26	33	37	40	43	46
	Throw	15-20-29	19-24-33	20-25-37	24-29-41	25-31-44	27-33-47	29-35-50	30-37-53	33-41-58
6 x 12	Ps	0.07	0.09	0.11	0.14	0.18	0.23	0.28	0.35	0.53
	CFM / ft	150	200	250	300	350	400	450	500	600
	NC	-	-	17	25	30	36	39	41	45
	Throw	16-24-33	22-27-38	25-30-43	27-33-47	29-36-51	32-38-54	33-41-58	35-43-61	38-47-67
6 x 15	Ps	0.07	0.09	0.11	0.14	0.18	0.23	0.28	0.34	0.53
	CFM / ft	188	250	313	375	438	500	562	625	750
	NC	-	-	16	24	31	35	38	40	45
	Throw	18-26-37	24-30-43	28-34-48	30-37-58	33-40-57	35-43-61	37-46-64	39-48-69	43-53-74
6 x 18	Ps	0.07	0.09	0.11	0.14	0.18	0.22	0.27	0.34	0.52
	CFM / ft	225	300	375	450	525	600	675	750	900
	NC	-	-	16	24	30	34	38	40	44
	Throw	19-29-41	26-33-47	30-37-53	33-41-58	36-44-62	38-47-67	41-50-71	43-53-75	47-58-81
6 x 30	Ps	0.06	0.08	0.10	0.13	0.17	0.21	0.26	0.33	0.50
	CFM / ft	375	500	625	750	875	1000	1125	1250	1500
	NC	-	-	16	24	30	35	37	39	43
	Throw	23-35-53	31-43-61	39-48-68	45-53-74	46-57-81	50-61-86	53-64-91	55-68-96	61-74-105
6 x 36	Ps	0.06	0.08	0.10	0.13	0.16	0.21	0.26	0.32	0.49
	CFM / ft	450	600	750	900	1050	1200	1350	1500	1800
	NC	-	11	16	24	30	34	37	40	43
	Throw	25-38-58	34-47-67	41-52-75	47-58-81	51-62-88	54-67-94	58-71-100	61-74-105	67-81-115
6 x 42	Ps	0.06	0.07	0.10	0.13	0.16	0.20	0.25	0.31	0.48
	CFM / ft	525	700	875	1050	1225	1400	1575	1750	2100
	NC	-	11	17	24	30	34	37	40	43
	Throw	26-41-63	36-51-72	45-57-80	51-62-88	55-67-95	59-72-102	62-76-108	66-80-114	72-88-124
6 x 48	Ps	0.06	0.08	0.10	0.13	0.16	0.20	0.25	0.31	0.47
	CFM / ft	600	800	1000	1200	1400	1600	1800	2000	2400
	NC	-	12	18	25	30	35	38	40	44
	Throw	28-42-67	38-54-77	47-61-86	53-68-94	59-72-102	63-77-109	67-81-115	70-86-121	77-94-133
6 x 54	Ps	0.06	0.07	0.10	0.13	0.16	0.20	0.25	0.30	0.47
	CFM / ft	675	900	1125	1350	1575	1800	2025	2250	2700
	NC	-	12	18	25	31	35	38	40	44
	Throw	29-44-71	39-58-81	49-64-91	58-71-100	62-76-108	67-81-116	71-86-122	74-91-129	81-100-141
6 x 60	Ps	0.06	0.07	0.09	0.12	0.15	0.19	0.25	0.30	0.46
	CFM / ft	750	1000	1250	1500	1750	2000	2250	2500	3000
	NC	-	12	18	26	31	35	38	42	45
	Throw	31-46-74	41-61-86	51-68-96	61-74-105	66-80-114	70-86-121	74-91-129	78-96-136	84-103-147

SYMBOLS

Ps Static Pressure in inches of water
NC Noise Criteria based on 10 db room absorption
Throw Vertical distances in feet to a terminal velocity of 150, 100 and 50 FPM
Velocity Pressure in water gauge

Performance shown is for 0° drums without dampers. Use the table below for correction factors.

CORRECTION FACTORS

Data based on test results according to ASHRAE Standard 70-2023
Performance of Air Outlets and Inlets.

	Drums Angle			With Damper ADL17
	0°	15°	30°	
NC	-	+5	+12	+14
Throw	-	x .85	x.73	-
Ps	-	x 1.35	x 2.59	x 1.42

Drum Louver Standard Blades

ADL10

Size	Duct Velocity (fpm) Velocity Pressure	300 0.006	400 0.010	500 0.016	600 0.022	700 0.031	800 0.040	900 0.050	1000 0.062	1200 0.090
8 x 12	Ps	0.03	0.06	0.10	0.14	0.20	0.26	0.32	0.40	0.40
	CFM / ft	200	265	333	400	465	533	600	665	795
	NC	-	-	-	19	27	33	40	45	56
	Throw	12-19-28	16-22-32	19-24-35	22-26-39	23-28-42	25-30-45	28-32-49	29-35-50	33-38-55
8 x 18	Ps	0.04	0.06	0.10	0.15	0.20	0.26	0.32	0.40	0.54
	CFM / ft	300	400	500	600	700	800	900	1000	1200
	NC	-	-	-	19	27	34	37	43	52
	Throw	18-23-33	21-26-38	24-29-42	27-32-47	29-34-50	31-37-54	33-39-58	34-41-60	37-45-65
8 x 24	Ps	0.04	0.06	0.10	0.14	0.20	0.26	0.33	0.40	0.53
	CFM / ft	400	533	665	800	933	1065	1200	1330	1595
	NC	-	-	13	22	30	37	43	48	57
	Throw	21-26-39	25-30-44	27-34-49	31-37-54	33-40-59	35-43-63	38-46-66	40-49-71	45-52-75
8 x 30	Ps	0.04	0.06	0.10	0.14	0.20	0.26	0.33	0.40	0.54
	CFM / ft	500	665	833	1000	1165	1333	1500	1665	1995
	NC	-	-	15	25	32	39	44	49	49
	Throw	24-29-43	28-34-50	31-38-55	33-42-60	36-46-66	38-49-70	41-52-74	43-55-79	48-60-89
8 x 36	Ps	0.03	0.06	0.11	0.15	0.22	0.28	0.35	0.44	0.62
	CFM / ft	600	800	1000	1200	1400	1600	1800	2000	2400
	NC	-	-	17	26	33	40	45	50	60
	Throw	27-32-47	31-36-54	35-41-60	38-45-66	41-49-71	43-52-76	46-55-81	48-59-85	53-63-93
8 x 42	Ps	0.04	0.07	0.11	0.15	0.22	0.28	0.35	0.44	0.62
	CFM / ft	700	933	1165	1400	1633	1865	2100	2335	2553
	NC	-	-	16	27	34	41	46	51	61
	Throw	28-34-50	32-38-58	36-44-64	39-48-70	43-52-76	46-56-82	48-59-87	50-62-92	55-67-102
8 x 48	Ps	0.04	0.07	0.10	0.15	0.22	0.28	0.35	0.44	0.53
	CFM / ft	400	533	665	800	933	1065	1200	1330	1330
	NC	-	-	17	26	35	42	47	51	66
	Throw	3-37-55	35-43-63	40-47-70	43-50-77	47-56-84	50-60-90	53-64-95	56-68-100	62-76-110
8 x 60	Ps	0.04	0.07	0.11	0.15	0.22	0.27	0.35	0.44	0.60
	CFM / ft	1000	1335	1665	2000	2335	2665	3000	3335	4000
	NC	-	-	18	28	35	42	48	52	61
	Throw	32-41-61	38-47-70	42-53-79	46-59-85	50-63-92	54-67-98	57-72-105	60-75-110	65-82-136

SYMBOLS
 Ps Static Pressure in inches of water
 NC Noise Criteria based on 10 db room absorption
 Throw Vertical distances in feet to a terminal velocity of 150, 100 and 50 FPM
 Velocity Pressure in water gauge

Performance shown are based on a 15° upward deflection. To adjust: multiply by 1.2 for 0°, or by 0.8 for 30° upward deflection.

Data based on test results according to ASHRAE Standard 70-2023
Performance of Air Outlets and Inlets.

CORRECTION FACTORS

	Drums Angle	
	0°	30°
NC	-4	+4
Throw	1.2	0.8
Ps	0.8	1.43

Drum Louver Standard Blades

ADL10

Size	Duct Velocity (fpm) Velocity Pressure	300 0.01	400 0.01	500 0.02	600 0.02	700 0.03	800 0.04	900 0.05	1000 0.06	1200 0.09
10 x 18	Ps	0.05	0.08	0.10	0.13	0.16	0.20	0.25	0.31	0.47
	CFM / ft	375	500	625	750	875	1000	1125	1250	1500
	NC	-	-	17	23	29	33	37	41	47
	Throw	23-35-53	31-43-61	37-47-67	43-53-74	46-57-80	50-61-86	53-64-91	55-68-96	61-74-105
10 x 24	Ps	0.06	0.07	0.09	0.12	0.15	0.19	0.24	0.30	0.46
	CFM / ft	500	667	833	1000	1167	1333	1500	1667	2000
	NC	-	-	12	19	25	29	33	37	43
	Throw	26-39-61	35-50-70	44-55-78	50-61-86	54-66-92	58-71-98	61-74-105	64-78-111	70-86-121
10 x 30	Ps	0.05	0.07	0.09	0.12	0.15	0.19	0.23	0.29	0.44
	CFM / ft	625	833	1042	1250	1458	1667	1876	2083	2500
	NC	-	-	12	19	24	29	32	36	43
	Throw	29-43-68	38-55-78	48-62-88	55-68-96	60-73-104	64-78-111	68-83-118	73-89-126	78-96-136
10 x 36	Ps	0.05	0.07	0.09	0.11	0.14	0.18	0.23	0.28	0.44
	CFM / ft	750	1000	1250	1500	1750	2000	2250	2500	3000
	NC	-	-	14	20	26	30	35	38	43
	Throw	31-46-74	41-61-86	51-68-96	61-74-105	68-80-114	70-86-121	74-91-129	79-98-136	86-105-149
10 x 42	Ps	0.05	0.07	0.09	0.11	0.14	0.18	0.23	0.28	0.42
	CFM / ft	875	1167	1458	1750	2042	2333	2624	2917	3500
	NC	-	-	16	23	28	32	37	41	47
	Throw	33-49-80	43-65-93	54-73-104	65-80-114	70-86-122	75-93-131	80-98-139	85-104-147	93-114-161
10 x 48	Ps	0.05	0.06	0.08	0.11	0.15	0.17	0.22	0.27	0.41
	CFM / ft	1000	1333	1667	2000	2333	2667	3000	3333	4000
	NC	-	11	19	25	31	36	40	43	49
	Throw	34-52-86	46-69-99	58-77-110	69-86-121	76-93-131	81-99-140	86-105-149	91-111-157	99-121-172
10 x 54	Ps	0.05	0.06	0.08	0.11	0.13	0.17	0.21	0.26	0.40
	CFM / ft	1125	1500	1875	2250	2625	3000	3375	3750	4500
	NC	9	14	22	28	34	39	43	46	52
	Throw	36-56-92	48-72-105	60-83-118	72-91-129	80-98-139	86-105-149	91-112-158	96-118-166	105-129-182
10 x 60	Ps	0.05	0.06	0.08	0.10	0.13	0.16	0.21	0.26	0.39
	CFM / ft	1250	1666	2083	2500	2917	3333	3750	4167	5000
	NC	13	17	24	31	37	42	46	49	55
	Throw	37-56-96	50-75-111	62-88-124	74-96-136	85-104-147	91-111-157	96-118-166	101-124-175	111-136-192
10 x 66	Ps	0.05	0.06	0.08	0.10	0.13	0.16	0.20	0.25	0.38
	CFM / ft	1375	1833	2292	2750	3208	3667	4125	4583	5500
	NC	16	20	28	34	40	44	48	52	58
	Throw	39-58-101	52-78-116	65-92-130	78-101-142	89-109-154	95-116-164	100-123-174	106-130-184	116-142-201
10 x 72	Ps	0.04	0.06	0.08	0.10	0.12	0.16	0.20	0.24	0.37
	CFM / ft	1500	2000	2500	3000	3500	4000	4500	5000	6000
	NC	19	23	31	37	43	47	51	55	61
	Throw	40-60-105	54-81-121	67-96-136	81-105-149	93-114-161	99-121-172	105-129-182	111-136-192	119-147-212

SYMBOLS

Ps Static Pressure in inches of water
NC Noise Criteria based on 10 db room absorption
Throw Vertical distances in feet to a terminal velocity of 150, 100 and 50 FPM
Velocity Pressure in water gauge

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CORRECTION FACTORS

Data based on test results according to ASHRAE Standard 70-2023
Performance of Air Outlets and Inlets.

	Drums Angle			With Damper ADL17
	0°	15°	30°	
NC	-	+5	+12	+14
Throw	-	x .85	x.73	-
Ps	-	x 1.35	x 2.59	x 1.42

Drum Louver Standard Blades

ADL10

Size	Duct Velocity (fpm) Velocity Pressure	300 0.01	400 0.01	500 0.02	600 0.02	700 0.03	800 0.04	900 0.05	1000 0.06	1200 0.09
12 x 18	Ps	0.05	0.07	0.09	0.12	0.15	0.19	0.24	0.30	0.45
	CFM / ft	450	600	750	900	1050	1200	1350	1500	1800
	NC	-	-	21	27	33	37	41	45	51
	Throw	25-38-58	34-47-67	42-52-75	47-58-81	51-62-88	54-67-94	58-71-100	61-74-105	67-81-115
12 x 24	Ps	0.05	0.07	0.09	0.12	0.15	0.19	0.23	0.29	0.44
	CFM / ft	600	800	1000	1200	1400	1600	1800	2000	2400
	NC	-	-	15	22	26	32	36	40	46
	Throw	28-42-67	38-54-77	47-61-86	54-67-94	59-72-102	63-76-110	67-81-115	70-86-121	77-94-133
12 x 30	Ps	0.05	0.07	0.09	0.11	0.14	0.18	0.23	0.28	0.42
	CFM / ft	750	1000	1250	1500	1750	2000	2250	2500	3000
	NC	-	-	15	21	27	31	35	38	45
	Throw	31-46-74	41-61-86	51-68-96	61-74-105	66-80-114	70-86-121	74-91-129	78-96-136	84-103-147
12 x 36	Ps	0.05	0.07	0.08	0.11	0.14	0.17	0.22	0.27	0.39
	CFM / ft	900	1200	1500	1800	2100	2400	2700	3000	3600
	NC	-	-	17	23	28	33	37	41	46
	Throw	33-49-81	44-66-94	55-74-105	66-81-115	72-88-124	77-94-133	81-99-142	86-105-149	94-115-163
12 x 42	Ps	0.05	0.06	0.08	0.11	0.13	0.17	0.21	0.26	0.40
	CFM / ft	1050	1400	1750	2100	2450	2800	3150	3500	4200
	NC	-	11	19	25	29	34	39	42	49
	Throw	35-53-88	47-70-102	58-80-114	70-88-124	77-96-134	83-102-144	88-108-152	93-114-161	102-124-176
12 x 48	Ps	0.05	0.06	0.08	0.11	0.13	0.16	0.20	0.25	0.39
	CFM / ft	1200	1600	2000	2400	2800	3200	3600	4000	4800
	NC	-	14	20	27	33	37	41	45	51
	Throw	37-55-94	49-72-108	62-86-121	74-94-133	83-102-144	89-109-154	94-115-163	99-121-172	109-133-188
12 x 54	Ps	0.05	0.06	0.08	0.10	0.13	0.16	0.20	0.25	0.38
	CFM / ft	1350	1800	2250	2700	3150	3600	4050	4500	5400
	NC	11	16	24	30	35	40	44	48	54
	Throw	40-59-101	52-77-115	64-91-129	77-100-141	88-108-152	94-115-163	100-122-173	105-129-182	115-141-200
12 x 60	Ps	0.04	0.05	0.07	0.10	0.12	0.15	0.19	0.24	0.37
	CFM / ft	1500	2000	2500	3000	3500	4000	4500	5000	6000
	NC	14	18	25	33	38	43	47	51	57
	Throw	40-60-105	54-81-121	67-96-136	80-104-148	93-114-161	99-121-172	105-129-182	111-136-192	121-149-210
12 x 66	Ps	0.04	0.06	0.07	0.09	0.12	0.15	0.19	0.23	0.36
	CFM / ft	1650	2200	2750	3300	3850	4400	4950	5500	6600
	NC	17	21	29	36	41	45	50	53	59
	Throw	42-63-110	56-84-127	70-101-142	84-110-156	97-119-168	104-127-180	109-135-192	116-142-201	127-156-221
12 x 72	Ps	0.04	0.05	0.07	0.09	0.12	0.15	0.18	0.23	0.35
	CFM / ft	1800	2400	3000	3600	4200	4800	5400	6000	7200
	NC	19	24	32	38	44	48	52	56	62
	Throw	43-65-115	58-87-133	72-105-149	87-115-163	101-124-176	109-133-188	115-141-200	121-149-210	130-161-228

SYMBOLS
 Ps Static Pressure in inches of water
 NC Noise Criteria based on 10 db room absorption
 Throw Vertical distances in feet to a terminal velocity of 150, 100 and 50 FPM
 Velocity Pressure in water gauge

Performance shown is for 0° drums without dampers. Use the table below for correction factors.

CORRECTION FACTORS

	Drums Angle			With Damper ADL17
	0°	15°	30°	
NC	-	+5	+12	+14
Throw	-	x .85	x.73	-
Ps	-	x 1.35	x 2.59	x 1.42

Data based on test results according to ASHRAE Standard 70-2023
 Performance of Air Outlets and Inlets.

Drum Louver Standard Blades

ADL10

Size	Duct Velocity (fpm) Velocity Pressure	300 0.01	400 0.01	500 0.02	600 0.02	700 0.03	800 0.04	900 0.05	1000 0.06	1200 0.09
15 x 18	Ps	0.05	0.07	0.09	0.12	0.15	0.18	0.23	0.29	0.44
	CFM / ft	562	750	938	1125	1313	1500	1688	1875	2250
	NC	-	-	20	27	32	37	41	44	50
	Throw	27-41-64	37-53-74	45-58-83	53-64-91	57-70-98	61-74-105	64-79-112	68-83-118	74-91-129
15 x 24	Ps	0.05	0.07	0.09	0.11	0.14	0.18	0.22	0.27	0.42
	CFM / ft	750	1000	1250	1500	1750	2000	2250	2500	3000
	NC	-	-	15	21	25	31	35	38	44
	Throw	31-46-74	41-61-86	51-68-96	61-74-105	66-81-115	71-85-120	74-91-129	78-96-136	86-105-149
15 x 30	Ps	0.05	0.06	0.08	0.11	0.13	0.17	0.21	0.26	0.40
	CFM / ft	938	1250	1563	1875	2188	2500	2813	3125	3750
	NC	-	-	15	21	26	30	34	37	43
	Throw	34-50-83	45-67-96	56-76-107	67-83-118	73-90-127	78-96-136	83-102-144	88-107-153	96-118-166
15 x 36	Ps	0.05	0.06	0.08	0.10	0.13	0.16	0.20	0.25	0.40
	CFM / ft	1125	1500	1875	2250	2625	3000	3375	3750	4500
	NC	-	-	16	22	27	31	35	38	44
	Throw	36-54-91	48-72-105	60-83-118	72-91-129	80-98-139	86-105-149	91-112-158	96-116-166	105-129-182
15 x 42	Ps	0.04	0.06	0.08	0.10	0.13	0.16	0.21	0.25	0.37
	CFM / ft	1313	1750	2188	2625	3063	3500	3938	4375	5250
	NC	-	-	17	24	29	33	37	40	45
	Throw	38-57-98	51-76-114	64-90-127	76-98-139	87-107-151	95-114-161	98-120-170	104-127-180	114-139-197
15 x 48	Ps	0.04	0.06	0.07	0.09	0.12	0.15	0.19	0.24	0.36
	CFM / ft	1500	2000	2500	3000	3500	4000	4500	5000	6000
	NC	-	12	20	26	31	35	39	42	48
	Throw	40-60-105	54-81-121	68-96-136	81-105-149	93-114-161	99-121-172	105-129-182	111-136-192	121-149-210
15 x 54	Ps	0.04	0.05	0.07	0.09	0.12	0.15	0.18	0.23	0.35
	CFM / ft	1688	2250	2813	3375	3938	4500	5063	5625	6750
	NC	-	14	22	28	33	38	41	44	50
	Throw	42-65-113	56-84-129	70-102-144	84-112-158	98-120-170	105-129-182	112-137-193	118-144-204	129-158-223
15 x 60	Ps	0.04	0.05	0.07	0.09	0.11	0.14	0.18	0.22	0.34
	CFM / ft	1875	2500	3125	3750	4375	5000	5625	6250	7500
	NC	-	17	23	30	36	40	44	47	53
	Throw	44-66-118	59-88-136	73-107-152	89-116-166	103-127-180	111-136-192	118-144-204	124-152-215	136-166-235
15 x 66	Ps	0.04	0.05	0.07	0.09	0.11	0.14	0.17	0.21	0.33
	CFM / ft	2063	2750	3438	4125	4813	5500	6188	6875	8250
	NC	10	19	27	33	38	42	46	49	55
	Throw	46-68-123	61-91-142	76-113-159	91-123-174	106-133-188	116-142-202	124-151-214	130-159-225	142-174-247
15 x 72	Ps	0.04	0.05	0.06	0.08	0.11	0.13	0.17	0.21	0.32
	CFM / ft	2250	3000	3750	4500	5250	6000	6750	7500	9000
	NC	13	21	29	35	40	45	48	51	59
	Throw	47-71-129	63-94-149	79-118-166	94-129-182	110-139-197	121-149-210	129-158-223	136-166-235	147-180-256

SYMBOLS
 Ps Static Pressure in inches of water
 NC Noise Criteria based on 10 db room absorption
 Throw Vertical distances in feet to a terminal velocity of 150, 100 and 50 FPM
 Velocity Pressure in water gauge

Performance shown is for 0° drums without dampers. Use the table below for correction factors.

CORRECTION FACTORS

	Drums Angle			With Damper ADL17
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 Performance of Air Outlets and Inlets.