Chapter **11**

INDEX

ISO 9002 certified company

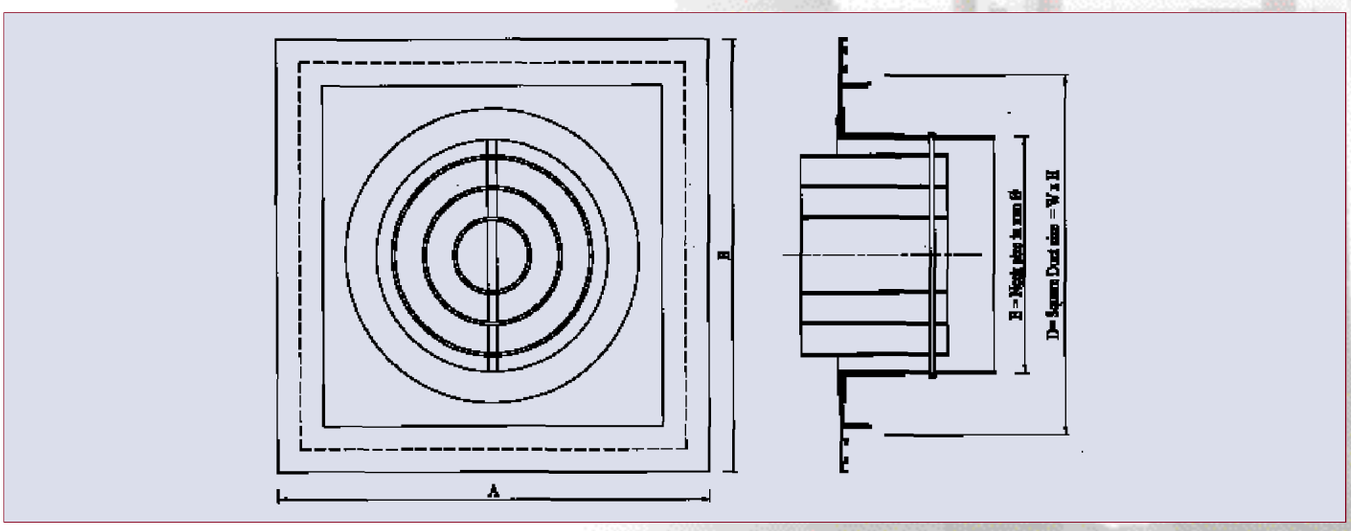
air master

Jet diffuser
– Panel type
Model: AJD-P

Construction:
- **Frame:** High quality heavy gauge aluminium sheet.
- **Outer flange:** High quality extruded aluminium profiles.
- **Inner rings:** Aluminium spun rings.
- **Optional accessories:** Plenum box either lined or un lined as per clients choice.

Description:
- Frame and inner rings are high quality aluminium construction with the advantages of corrosion resistance.
- Jet nozzle section is mounted in aluminium square plate covered by flanged border.
- Nozzles can be adjusted 30^0 up words and down words to achieve required throw as per site condition. Nozzle jet can be rotated by 360^0 by adjusting the mounting frame.
- Generally designed for wall mounting. For ceiling mounting, drill 2 to 4 holes in the face of the flanged border.
- Air master jet diffusers are specially suitable to handle large quantity of air with long throw.
- Ideal for commercial use such as concert halls, theatres, exhibition and sport halls.
- Jet nozzles can be supplied with plenum box, which is manufactured from galvanized steel sheet as option.
- Plenum boxes can be supplied with round duct damper at the spigot as option.

Standard finishes:
- Powder coated colour finish as per RAL colour codes.
- Flexibility of finishing is available.



Standard sizes:
Available from 100 mm dia to 400 mm dia with the increments of 50 mm.

D = Dia of jet diffuser in mm	100	150	200	250	300	350	400

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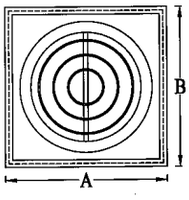
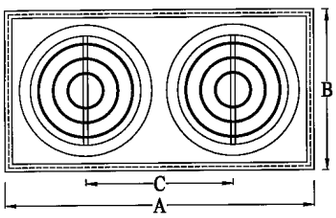
Fixing details: Screw fixing from flange to duct.

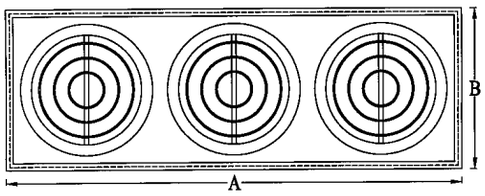
Panel arrangement:

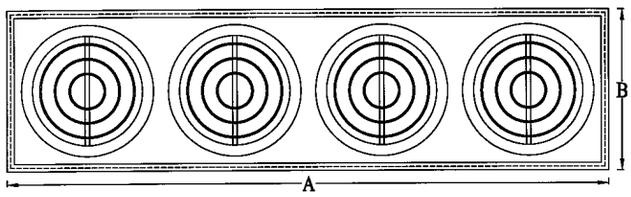
1,2,3 or 4 nos of jet diffusers will be arranged in a panel as per performance requirement.



Model	Duct size L x W in	A	B	(Ø) E
AJD 100-P	200 x 200	250	250	100
AJD 150-P	250 x 250	300	300	150
AJD 200-P	300 x 300	350	350	200
AJD 250-P	350 x 350	400	400	250
AJD 300-P	400 x 400	450	450	300
AJD 350-P	450 x 450	500	500	350
AJD 400-P	500 x 500	550	550	400







Model	Duct size L x W in	A	B	C
AJD 100-2P	390 x 200	440	250	200
AJD 100-3P	580 x 200	630	250	200
AJD 100-4P	790 x 200	840	250	200
AJD 150-2P	490 x 250	540	300	250
AJD 150-3P	730 x 250	780	300	250
AJD 150-4P	990 x 250	1040	300	250
AJD 200-2P	590 x 300	640	350	300
AJD 200-3P	880 x 300	930	350	300
AJD 200-4P	1190 x 300	1240	350	300
AJD 250-2P	690 x 350	740	400	350
AJD 250-3P	1030 x 350	1080	400	350
AJD 250-4P	1390 x 350	1440	400	350
AJD 300-2P	790 x 400	840	450	400
AJD 300-3P	1180 x 400	1230	450	400
AJD 300-4P	1590 x 400	1640	450	400
AJD 350-2P	890 x 450	940	500	450
AJD 350-3P	1330 x 450	1380	500	450
AJD 350-4P	1770 x 450	1820	500	450
AJD 400-2P	990 x 500	1040	550	500
AJD 400-3P	1480 x 500	1530	550	500
AJD 400-4P	1970 x 500	2020	550	500

• All sizes are in mm.

How to order:

Model	Size	No of diffusers / panel	Quantity	Finish	Optional accessories
AJD	Specify neck diameter of the inner round diffuser	P	Specify in numbers	B = RAL 9010	Plenum box
		2P			
		3P		C = Other RAL colours.	
		4P			

Ordering example:

To select jet diffuser of size 150 mm dia, 4 diffusers arranged in one panel, quantity = 25 nos with RAL 9010 colour.

Order as : AJD 150 - 4P - 25 - B.

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Jet diffuser
– Panel type
Model: AJD-P

Table 11.1 (A) Air flow data
Jet diffuser at 0° position

Size in mm dia	Neck velocity in m/sec	1.5	2.0	2.5	3.0	3.5	4.0	5.0	6.0	7.0
Neck area in sq mt	P_v=vel pr loss in mm H_2O	0.15	0.25	0.41	0.56	0.79	1.016	1.57	2.29	3.1
100	Cfm	30	40	50	60	70	80	90	110	130
	M^3/sec.	0.0141	0.0189	0.0236	0.0283	0.0331	0.378	0.0425	0.052	0.614
	P_s in mm H_2O	<0.25	<0.25	0.76	1.22	1.65	2.37	3.08	3.68	6.0
0.0079	Throw in m	2.7	3.1	3.4	3.8	3.9	4.2	4.2	4.5	4.7
	NC	<15	<15	15	16	22	24	33	36	42
150	Cfm	60	80	100	120	140	160	200	240	280
	M^3/sec.	0.0283	0.0378	0.0472	0.0567	0.066	0.756	0.0945	0.113	0.132
	P_s in mm H_2O	<0.25	<0.25	0.51	0.76	1.27	1.25	2.06	3.35	4.75
0.0177	Throw in m	3.0	3.9	4.5	4.8	4.8	5.7	6.4	7.1	7.7
	NC	<15	<15	15	16	24	26	33	37	43
200	Cfm	110	140	180	210	250	280	350	420	490
	M^3/sec.	0.052	0.066	0.085	0.099	0.118	0.132	0.165	0.198	0.231
	P_s in mm H_2O	<0.25	0.254	0.51	0.61	1.02	1.54	2.51	4.19	6.15
0.0314	Throw in m	4.3	5.8	6.1	6.9	7.1	7.8	8.5	8.9	15
	NC	<15	<15	15	16	24	27	33	37	43
250	Cfm	170	220	280	330	390	440	550	660	770
	M^3/sec.	0.08	0.104	0.132	0.156	0.184	0.208	0.26	0.312	0.364
	P_s in mm H_2O	<0.25	<0.25	0.25	0.46	0.76	1.12	1.5	2.12	2.79
0.049	Throw in m	6.4	7.7	7.9	8.8	8.8	9.7	10.2	11.27	18
	NC	<15	<15	15	16	25	27	34	38	44
300	Cfm	240	320	400	480	550	630	790	950	1100
	M^3/sec.	0.113	0.151	0.189	0.227	0.26	0.298	0.373	0.449	0.519
	P_s in mm H_2O	<0.25	<0.25	<0.25	0.9	1.02	1.4	1.4	1.67	2.79
0.071	Throw in m	7.6	8.6	9.2	9.7	10.0	10.6	12.3	12.53	12.8
	NC	<15	<15	15	16	27	29	34	38	45
350	Cfm	330	430	540	650	750	860	1070	1290	1500
	M^3/sec.	0.156	0.203	0.255	0.307	0.354	0.406	0.505	0.609	0.708
	P_s in mm H_2O	<0.25	<0.25	<0.25	0.84	0.78	0.88	1.17	1.46	3.5
0.096	Throw in m	8.2	9.6	10.1	11.5	11.9	12.3	13	15.5	17.6
	NC	<15	<15	15	17	27	29	35	39	45
400	Cfm	420	560	700	840	980	1120	1400	1680	1960
	M^3/sec.	0.198	0.264	0.331	0.397	0.463	0.529	0.66	0.793	0.926
	P_s in mm H_2O	<0.25	<0.25	<0.25	0.62	0.92	1.17	1.46	1.75	2.04
0.126	Throw in m	9.1	10.9	11.5	12.8	12.7	13.9	16.3	18.5	20.8
	NC	<15	<15	15	17	29	31	36	41	46

- Neck velocity is measured in m/sec.
- P_s & P_v = Static and dynamic pressure losses across the diffuser in mm of H_2O.
- Throw (meters) is measured for a terminal velocities of 0.25 m/sec.
- NC based on room attenuation of 10 dB.

air master

Jet diffuser
– Panel type
Model: AJD-P

Table 11.1(B) Air flow data
Jet diffuser at 30° position

Size in mm dia	Neck velocity in m/sec	1.5	2.0	2.5	3.0	3.5	4.0	5.0	6.0	7.0
Neck area in sq mt	P_v=vel pr loss in mm H_2O	0.15	0.25	0.41	0.56	0.79	1.016	1.57	2.29	3.1
100	Cfm	30	40	50	60	70	80	90	110	130
	M^3/sec.	0.0141	0.0189	0.0236	0.0283	0.0331	0.378	0.0425	0.052	0.614
	P_s in mm H_2O	<0.25	<0.25	1.67	1.81	2.8	3.4	4.3	6.2	8.7
0.0079	Throw in m	2.4	2.4	2.7	2.9	3.4	3.7	4.0	4.3	4.6
	NC	<15	<15	<15	19	24	32	36	40	44
150	Cfm	60	80	100	120	140	160	200	240	280
	M^3/sec.	0.0283	0.0378	0.0472	0.0567	0.066	0.756	0.0945	0.113	0.132
	P_s in mm H_2O	0.51	<0.75	1.4	1.4	1.76	2.13	3.64	5.8	8.5
0.0177	Throw in m	2.4	3.0	3.7	4.6	5.0	5.5	6.1	6.7	7.0
	NC	<15	<15	<15	19	24	33	36	40	45
200	Cfm	110	140	180	210	250	280	350	420	490
	M^3/sec.	0.052	0.066	0.085	0.099	0.118	0.132	0.165	0.198	0.231
	P_s in mm H_2O	<0.25	0.51	0.84	1.11	1.71	2.85	3.41	6.1	8.7
0.0314	Throw in m	3.7	5.2	5.5	6.1	6.4	7.0	7.6	8.2	8.5
	NC	<15	18	18	19	24	33	37	40	45
250	Cfm	170	220	280	330	390	440	550	660	770
	M^3/sec.	0.08	0.104	0.132	0.156	0.184	0.208	0.26	0.312	0.364
	P_s in mm H_2O	<0.25	0.51	0.84	1.11	1.42	1.76	2.6	3.8	7.0
0.049	Throw in m	5.5	6.1	6.4	7.3	8.3	8.5	9.5	10.1	10.7
	NC	<15	<15	15	20	25	33	37	42	46
300	Cfm	240	320	400	480	550	630	790	950	1100
	M^3/sec.	0.113	0.151	0.189	0.227	0.26	0.298	0.373	0.449	0.519
	P_s in mm H_2O	<0.25	<0.25	0.7	1.11	1.42	2.85	2.56	2.9	5.8
0.071	Throw in m	6.4	7.0	7.9	8.5	9.5	9.8	11.6	12.2	12.5
	NC	<15	<15	<15	21	27	34	38	43	47
350	Cfm	330	430	540	650	750	860	1070	1290	1500
	M^3/sec.	0.156	0.203	0.255	0.307	0.354	0.406	0.505	0.609	0.708
	P_s in mm H_2O	<0.25	<0.25	0.73	1.14	1.14	1.42	1.71	2.9	7.3
0.096	Throw in m	7.0	7.9	9.5	10.1	11.0	11.9	12.5	14.0	15.2
	NC	<15	<15	<15	21	27	36	38	43	47
400	Cfm	420	560	700	840	980	1120	1400	1680	1960
	M^3/sec.	0.198	0.264	0.331	0.397	0.463	0.529	0.66	0.793	0.926
	P_s in mm H_2O	<0.25	<0.25	0.84	1.06	0.63	0.85	1.17	2.05	2.5
0.126	Throw in m	8.2	9,8	11.0	11.9	12.5	13.1	14.6	16.4	18.3
	NC	15	<15	<15	22	28	36	39	43	47

- Neck velocity is measured in m/sec.
- P_s & P_v = Static and dynamic pressure losses across the diffuser in mm of H_2O.
- Throw (meters) is measured for a terminal velocities of 0.25 m/sec.
- NC based on room attenuation of 10 dB.

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Jet Diffuser

-eyeball type

Model: AJD

Construction:

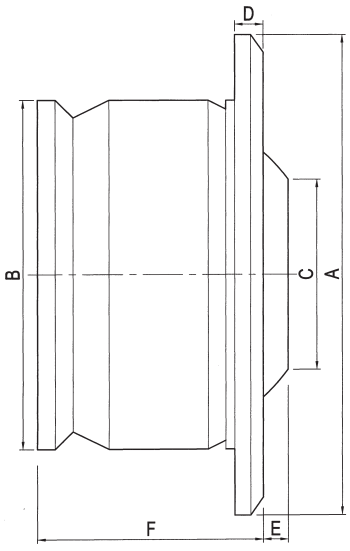
- Constructed with high quality aluminium sheets.

Description:

- Airmaster eyeball jet diffusers are highly suitable for delivering a powerful stream of air over long distances. Its ability to deliver an accurate airstream makes it ideal for spot cooling applications.
- It's angular movement allows the airstream to be delivered through a wide area of direction either in full jet position or in reduced jet position.
- This diffuser spout is fully reversible, rotating through 180deg.
- The diffuser can be fixed directly to the round duct.
- The diffuser is suitable for long throw patterns with trajectory control.
- Gasket is sealed around the back of the spout to avoid air leakage.

Finishes:

- Available standard finishes are RAL 9010, RAL 9003 & RAL 9016.
- Special finishes are available as per RAL color codes.



Dimensions of various sizes:

Size	A	B	C	D	E	F
160	216	158	82	11	10	106
200	273	198	108	16	14	127
250	318	248	136	16	23	159
315	400	313	174	23	29	189
400	483	398	230	24	47	223

air master

Jet diffuser
-eyeball type
Model: AJD

Table - Air flow data

Size in mm dia Neck area in sq.mt.	Neck velocity in m/sec	2.5	3.0	3.5	4.0	4.5	5.0	5.5
160 0.0201	L/S M^3/sec CFM P in mm H_2O Throw in m NC	12 0.012 25 0.43 3.7- 5.6 <15	15 0.015 32 0.54 4.3 - 6.5 <15	18 0.018 38 0.64 4.9 - 7.3 <15	21 0.021 44 0.87 5.7 - 8.6 16	24 0.024 51 1.13 6.6 - 9.9 17	26 0.026 55 1.295 7.1 - 10.7 18	28 0.028 59 1.472 7.7-11.5 19
200 0.0314	L/S M^3/sec CFM P in mm H_2O Throw in m NC	22 0.022 46 0.635 5.1 - 7.6 <15	25 0.025 53 0.77 5.7 - 8.6 <15	30 0.03 63 1.044 6.8 - 10.2 16	35 0.035 74 1.336 7.9 - 11.9 17	40 0.04 85 1.589 8.8 - 13.2 18	44 0.044 93 1.858 9.6 - 14.4 19	50 0.05 106 2.366 11.1 - 16.7 20
250 0.049	L/S M^3/sec CFM P in mm H_2O Throw in m NC	34 0.034 72 0.446 6.4 - 9.6 <15	41 0.041 87 0.611 7.7 - 11.5 <15	48 0.048 102 0.795 8.9 - 13.4 17	54 0.054 114 0.968 10.0 - 15.0 18	61 0.061 129 1.187 11.2 - 16.9 19	68 0.068 144 1.424 12.5 - 18.7 20	75 0.075 159 1.678 13.7 - 20.6 22
315 0.0201	L/S M^3/sec CFM P in mm H_2O Throw in m NC	57 0.057 121 0.66 6.8 - 9.8 <15	68 0.068 144 0.871 7.7 - 11.6 <15	80 0.08 169 1.126 9.0 - 13.4 18	92 0.092 195 1.403 10.3 - 15.4 19	102 0.102 216 1.651 11.3 - 17.0 20	115 0.115 243 1.994 12.7 - 19.0 21	125 0.125 265 2.274 13.7 - 20.6 22
400 0.1257	L/S M^3/sec CFM P in mm H_2O Throw in m NC	127 0.127 269 0.81 6.8 - 10.1 <15	152 0.152 322 1.1 9.2 - 12.5 <15	182 0.182 385 1.39 11.7 - 14.9 16	217 0.217 459 1.64 14.2 - 17.4 18	252 0.252 534 1.89 16.8 - 20.0 19	287 0.287 608 2.18 19.4 - 22.5 21	323 0.323 684 2.47 22.0 - 25.0 23

- Neck velocity is measured in m/sec.
- P = Pressure losses across the diffuser in mm of H_2O.
- Throw (meters) is measured for a terminal velocity of 0.5 m/sec and 0.25 m/sec.
- Noice criteria (NC) is based on a room attenuation of 10dB.

air master

Jet diffuser
-eyeball type
Model: AJD

Table - Air flow data

Size in mm dia Neck area in sq.mt.	Neck velocity in m/sec	6.0	7.0	7.5	8.0	8.5	9.0	9.5
160 0.0201	L/S M^3/sec CFM P in mm H_2O Throw in m NC	30 0.03 63 1.751 8.5 - 12.8 20	35 0.035 74 2.3 9.9 - 14.9 21	37 0.037 78 2.4 10.5 - 15.7 22	40 0.04 85 2.8 11.3 - 17.0 23	43 0.043 91 3.0 11.9 - 17.8 24	45 0.045 95 3.4 12.7 - 19.1 24	48 0.048 102 3.6 12.3 - 19.9 25
200 0.0314	L/S M^3/sec CFM P in mm H_2O Throw in m NC	55 0.055 116 2.757 12.2 - 18.3 22	60 0.06 127 3.169 13.3 - 19.9 24	64 0.064 136 3.5 14.1 - 21.1 25	69 0.069 146 3.8 14.9 - 22.4 26	73 0.073 155 4.3 16.0 - 24.0 28	78 0.078 165 4.8 17.0 - 26.0 28	82 0.082 174 5.2 18.0 - 27.0 29
250 0.049	L/S M^3/sec CFM P in mm H_2O Throw in m NC	81 0.081 171 1.908 14.8 - 22.1 24	95 0.095 201 2.5 17.2 - 25.8 26	102 0.102 216 2.807 18.4 - 27.6 27	109 0.109 231 3.136 19.6 - 29.5 28	115 0.115 244 3.431 20.7 - 31.0 29	123 0.123 261 3.787 21.9 - 32.8 29	130 0.13 276 4.212 23.3 - 34.9 30
315 0.0779	L/S M^3/sec CFM P in mm H_2O Throw in m NC	136 0.136 288 2.598 14.9 - 22.3 23	141 0.141 298 2.719 15.3 - 22.9 24	160 0.16 340 3.356 17.3 - 26.6 25	181 0.181 384 4.04 19.4 - 29.0 26	193 0.193 410 4.51 20.7 - 31.0 27	205 0.205 435 4.921 21.8 - 32.7 29	216 0.216 458 5.346 22.9 - 34.3 30
400 0.1257	L/S M^3/sec CFM P in mm H_2O Throw in m NC	363 0.363 769 2.76 24.1 - 27.4 25	405 0.405 858 3.6 25.5 - 30.0 27	447 0.447 949 3.6 26.7 - 32.2 29	482 0.482 1023 3.95 28.2 - 35.2 30	527 0.527 1119 4.35 30.1 - 37.1 31	569 0.569 1208 4.8 32.8 - 39.1 32	610 0.61 1295 5.25 33.3 - 40.1 33

- Neck velocity is measured in m/sec.
- P = Pressure losses across the diffuser in mm of H_2O.
- Throw (meters) is measured for a terminal velocity of 0.5 m/sec and 0.25 m/sec.
- Noice criteria (NC) is based on a room attenuation of 10dB.

air master

Jet diffuser
-eyeball type
Model: AJD

Table - Air flow data

Size in mm dia Neck area in sq.mt.	Neck velocity in m/sec	10.0	10.5	11.0	11.5	12.0
160 0.0201	L/S M^3/sec CFM P in mm H_2O Throw in m NC	50 0.05 106 4.0 14.1 - 21.2 26	53 0.053 112 4.3 14.7 - 22.0 27	55 0.055 117 4.7 15.5 - 23.3 28	58 0.058 123 5.0 16.1 - 25.0 29	63 0.063 134 5.3 17.0 - 25.6 30
200 0.0314	L/S M^3/sec CFM P in mm H_2O Throw in m NC	86 0.086 182 5.5 18.5 - 28.0 30	90 0.09 191 6.06 19.5 - 29.3 32	95 0.095 201 6.61 20.6 - 30.0 33	99 0.099 210 6.95 21.2 - 31.8 34	105 0.105 223 7.22 22.6 - 33.4 35
250 0.049	L/S M^3/sec CFM P in mm H_2O Throw in m NC	136 0.136 289 4.487 24.1 - 36.2 31	143 0.143 303 4.94 25.5 - 38.3 32	150 0.150 318 5.352 26.7 - 40.1 33	158 0.158 335 5.776 27.9 - 41.9 34	165 0.165 350 6.025 30.1 - 44.0 35
315 0.0779	L/S M^3/sec CFM P in mm H_2O Throw in m NC	228 0.228 484 5.783 24.0 - 36.0 31	239 0.239 507 6.316 25.3 - 37.9 33	250 0.250 531 6.78 26.4 - 39.6 34	264 0.264 560 7.388 27.8 - 41.6 35	275 0.275 584 7.654 28.4 - 42.5 37
400 0.1257	L/S M^3/sec CFM P in mm H_2O Throw in m NC	655 0.655 1390 5.75 35.2 - 42.2 34	700 0.7 1486 6.15 37.1 - 43.1 35	742 0.742 1575 6.6 39.2 - 44.9 37	787 0.787 1671 7.05 40.7 - 46.8 39	837 0.837 1777 7.60 42.1 - 48.6 40

- Neck velocity is measured in m/sec.
- P = Pressure losses across the diffuser in mm of H_2O.
- Throw (meters) is measured for a terminal velocity of 0.5 m/sec and 0.25 m/sec.
- Noice criteria (NC) is based on a room attenuation of 10dB.

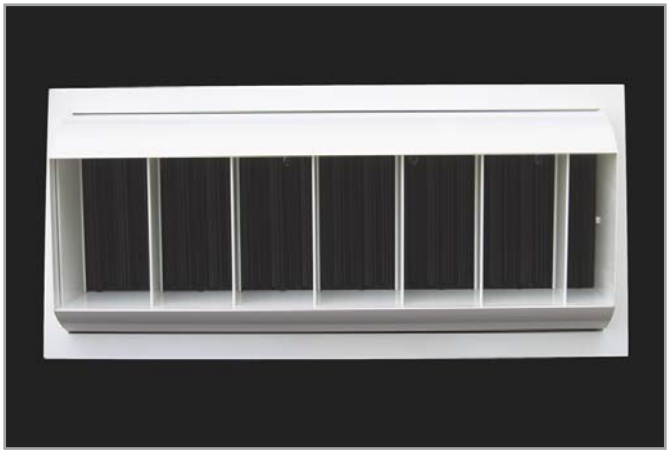
air master

Drum Louver

➤Model: ADL

Construction:

- **Frame :** Constructed with high quality extruded aluminium profiles.
- **Drum :** Aluminiium sheet and specially shaped extruded aluminium profiles.
- **Blades:** High quality extruded aluminium adjustable directional blades.
- **Damper:** Opposed blade damper made with aluminium profiles.

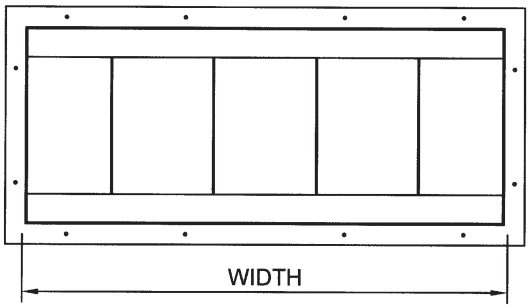


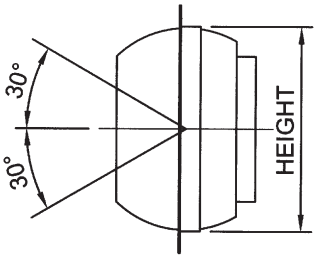
Description:

- Blades are fixed inside the drum body made with aluminium sheets and specially shaped profles and the opposed blade damper is attached to the drum body. The whole assembly is fixed to the frame by mechanical fasteners so as to enable rotation in the vertical direction.
- The opposed blade damper in supply diffuser can be easily adjusted through the face of the unit by means of screw driver.
- The louver is suitable for both long and short throw patterns with trajectory control.
- The drum can be adjusted in the vertical direction 0^o to 30^o up or down to direct the air throw in the desired direction.
- Foam gasket is sealed around the back of the frame to avoid air leakage.

Standard finishes:

- Aluminium construction with white powder coated finish (RAL 9010).
- Powder coated color finish as per other RAL color codes available as option.





air master

Drum Louver

➤ Model: ADL

Air flow data

Neck Velocity	Size	225x150 175x200	750x150 550x200	1500x150 1100x200 850x250 750x300	1600x200 1250x250 1000x300 750x375	1750x250 1500x300 1000x375	1750x300 1250x375
1	CFM NC P_S in mm of H_2O THROW in M	83 <15 0.45 1-1.2-1.5	261 <15 0.275 3.9-5.8-8.8	475 <15 0.20 4.6-6.0-10.0	651 <15 0.175 7-9.1-14.3	914 <15 0.125 7.3-9.4-15.2	1363 <15 0.1 7.0-10.4-17.9
1.5	CFM NC P_S in mm of H_2O THROW in M	124 <15 1.025 1.8-2.1-3.7	390 15 0.675 4.5-6.0-10.0	713 <15 0.375 7.0-9.1-14.3	974 <15 0.375 7.6-9.7-15.8	1373 <15 0.3 7.6-10.6-17.9	1615 <15 0.275 8.2-10.6-19.2
2	CFM NC P_S in mm of H_2O THROW in M	162 15 1.75 2.7-3.7-6.0	523 16 1.15 5.8-7.6-12.1	950 15 0.7 7.6-9.8-15.8	1297 15 0.7 9.1-11.5-18.2	1829 16 0.55 9.4-12.1-21.3	2157 17 0.525 10.0-13.1-21.9
2.5	CFM NC P_S in mm of H_2O THROW in M	204 16 2.8 3.4-4.9-7.3	651 18 1.825 7-9.1-14.3	1188 20 1.05 8.8-11.9-18.6	1625 21 1.05 10.3-13.1-21.3	2285 23 0.85 12.8-15.8-27.4	2693 25 0.8 13.1-16.7-30.4
3	CFM NC P_S in mm of H_2O THROW in M	247 18 4.125 4.0-5.8-8.8	781 23 2.7 7.9-10.9-16.7	1425 28 1.575 10.9-14.0-21	1948 30 1.575 13.4-16.1-24.9	2741 32 1.25 14.3-17.9-30.4	3230 31 1.175 17.3-21.3-37.4
3.5	CFM NC P_S in mm of H_2O THROW in M	285 24 5.475 4.9-6.4-9.8	912 30 3.625 9.4-12.4-18.8	1663 33 2.175 13.1-15.8-24.9	2275 33 2.175 14.6-17.9-27.7	3197 35 1.7 17.0-21.0-36.5	3772 35 1.6 20.1-25.9-43.0
4	CFM NC P_S in mm of H_2O THROW in M	333 27 7.475 5.4-7.0-10.7	1040 35 4.5 10.0-13.1-20.1	1900 39 2.825 14.3-17.0-27.7	2598 40 2.825 16.4-19.8-30.4	3658 40 2.2 19.8-24.0-41.1	4308 43 2.05 23.1-25.9-48.7
4.5	CFM NC P_S in mm of H_2O THROW in M	380 31 9.8 5.8-7.9-11.6	1173 39 5.975 10.7-14.0-21.0	2138 43 3.55 15.2-18.2-29.5	2921 44 3.55 18.5-21.9-33.8	4114 47 2.775 21.3-25.9-43.5	4850 48 2.6 25.9-32.3-53.3
5	CFM NC P_S in mm of H_2O THROW in M	413 36 11.55 6.0-8.2-11.9	1302 43 7.2 10.9-14.3-21	2375 47 4.425 16.4-19.2-30.4	3249 48 4.425 18.8-22.2-34.1	4570 49 3.45 22.2-24.3-45.7	5387 50 3.225 26.2-33.5-54.8

- Neck velocity is measured in m/sec.
- P_S Static pressure in mm of H_2O.
- Throw (meters) is measured for a terminal velocity of 0.75, 0.5 and 0.25 m/sec.
- NC based on a room attenuation of 10 dB.