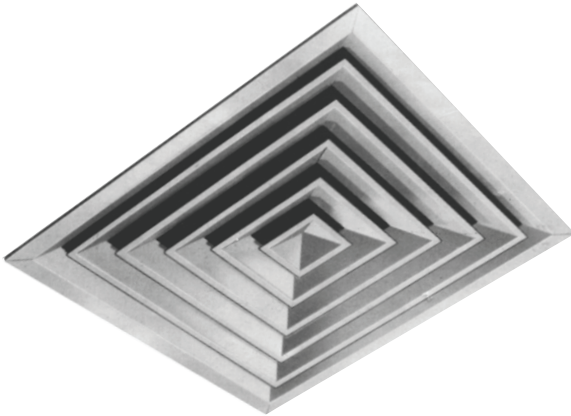


CEILING DIFFUSER-LOUVERED FACE

SQUARE & RECTANGULAR

CD 200



APPLICATION

CD series directional diffuser provides an aesthetically pleasing solution to air distribution requirements, regardless of room configuration

FEATURED STANDARD CONSTRUCTION

- **FRAME:** Constructed from heavy extruded aluminum of 1.25 mm thickness
- **CORE:** Constructed from heavy extruded aluminum assembled using a series of integral cross braces which interlock to secure discharge vanes and preclude rattling
- **AIR PATTERN CORES:** Equipped with spring loaded latches, providing easy snap in/out core installation, no special tools required
- **THROW:** 4 way throw
- **FINISHING:** Anodized aluminum finish

OPTIONS

- Rubber gasket on the back of the frame
- Square to round transition
- 1,2 or 3 way throw
- RAL9010 or any RAL color upon request
- Opposed blade damper -Model: ADG-036 (p. 2)
- Aluminum equalizing grid- Model: AEG-034 (p. 2)
- Plenum box (p. 3)

STANDARD SIZES

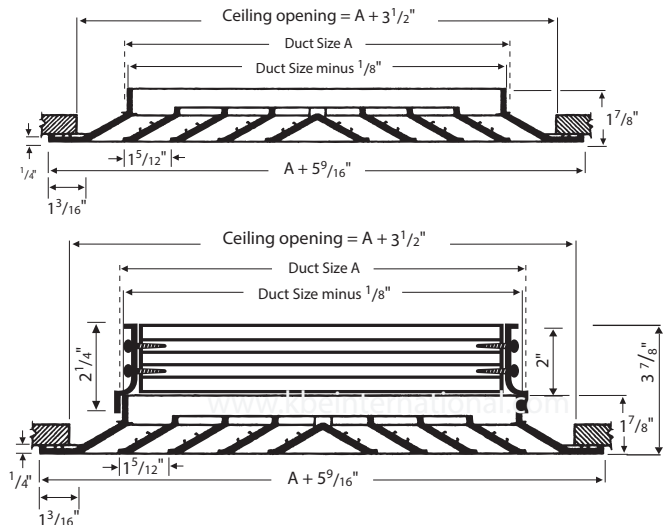
Square

Neck Size (inch)	Face Size (mm)
6 x 6	300 x 300
9 x 9	375 x 375
12 x 12	450 x 450
15 x 15	525 x 525
18 x 18	600 x 600
21 x 21	675 x 675
24 x 24	750 x 750

Rectangle

Neck Size (inch)	Face Size (mm)
9 x 6	375 x 300
12 x 6	450 x 300
15 x 6	525 x 300
18 x 6	600 x 300
12 x 9	450 x 375
15 x 9	525 x 375
18 x 9	600 x 375
15 x 12	525 x 450
18 x 12	600 x 450
18 x 15	600 x 525

N.B: - For non standard sizes, please consult our engineers





CEILING DIFFUSER-LOUVERED FACE SQUARE & RECTANGULAR CD 200

Opposed Blade Damper: ADG-036



Features

The aluminum opposed blade damper has gang operated blades that move in opposite directions when adjusted. The damper blades are lever operated and can be set in any position. Each setting provides a uniform straight flow of air through the damper. The damper blades are extruded for strength and stiffness, and interlock to assure a minimum of air leakage when closed. The damper blade operating mechanism is at an inside corner of the damper frame.

Aluminum Equilizing Grid: AEG-034



Features

The aluminum equalizing grid for equalization of air flow, directional control and minor adjustments of air flow. Its is available as an accessory above the diffuser to provide uniform air flow over the surface of the diffuser face. The blades are individually adjustable one by one to allow additional control when needed.

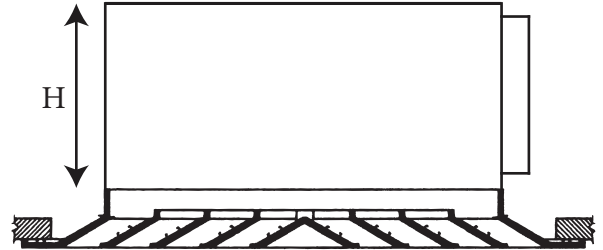
CEILING DIFFUSER-LOUVERED FACE SQUARE & RECTANGULAR CD 200

Plenum Box

With Plenum Box Side Inlet

Minimum Inlet Size= 4"

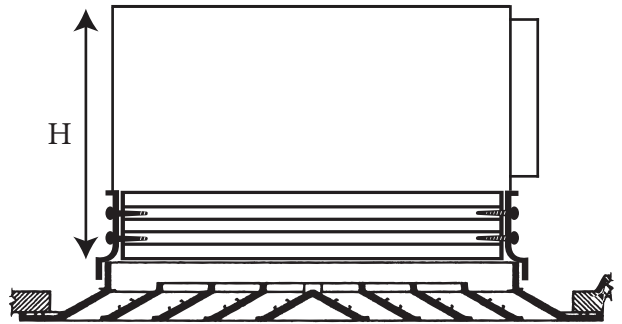
Height= Inlet + 2" + 1³/₁₆"



With ADG & Plenum Box Side Inlet

Minimum Inlet Size= 4"

Height= Inlet + 2" + 3³/₂₀"



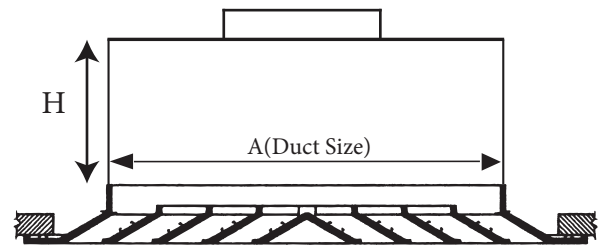
With Plenum Box Top Inlet

Minimum Inlet Size= 4"

Maximum Inlet Size= A(duct size) - 2"

From inlet 4" to 12" H= 6¹/₁₆"

for inlet >12" H= 9⁹/₁₄"



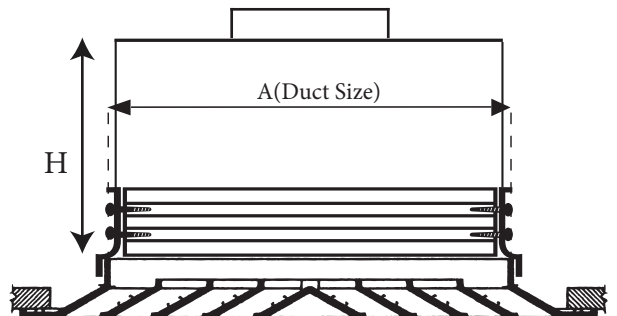
With ADG & Plenum Box Top Inlet

Minimum Inlet Size= 4"

Maximum Inlet Size= A(duct size) - 2"

From inlet 4" to 12" H= 6¹/₁₆"

for inlet >12" H= 9⁹/₁₄"





CEILING DIFFUSER-LOUVERED FACE

SQUARE

CDP200 & CD200

PERFORMANCE DATA

Size (inches)	Area Factor Ak Neck Area (Sq. Ft.)	Neck Velocity FPM	200	300	400	500	600	700	800	900	1000	1100	1200
		Velocity Pressure (in. w.g.)	0.003	0.006	0.010	0.016	0.023	0.031	0.040	0.051	0.063	0.076	0.091

6x6	Ak=0.093 0.250	CFM	50	75	100	125	150	175	200	225	250	275	300
		Pt (in.w.g.)	0.014	0.032	0.056	0.087	0.127	0.171	0.220	0.281	0.348	0.420	0.500
		N.C.	< 15	< 15	< 15	17	23	28	32	35	38	41	43
		4 way- Throw	7-10	8-11	9-12	10-14	10-15	11-16	11-17	12-18	13-19	13-20	14-21
		Cfm per side A	13	19	25	31	38	44	50	56	63	69	75
		3way side A-Throw	7-10	8-11	9-12	10-14	10-15	11-16	11-17	12-18	13-19	13-20	14-21
		Cfm per side B	18	28	38	47	56	66	75	85	94	103	113
		3way side B-Throw	7-11	8-12	9-13	10-15	11-16	12-17	12-18	13-19	14-20	14-21	15-22
		S2-Throw	8-12	9-13	10-15	11-17	12-18	13-19	14-20	15-21	16-22	16-23	17-25
S1 - Throw	12-16	12-17	13-18	14-20	15-21	16-22	17-23	18-24	19-25	19-26	21-28		
9x9	Ak=0.199 0.562	CFM	112	170	225	280	335	395	450	505	563	620	675
		Pt (in.w.g.)	0.015	0.035	0.061	0.095	0.135	0.188	0.244	0.306	0.378	0.464	0.549
		N.C.	< 15	< 15	19	25	30	35	39	42	45	48	50
		4 way- Throw	8-13	10-15	11-17	13-18	15-20	16-22	17-24	18-26	19-28	20-30	21-31
		Cfm per side A	28	42	56	70	84	99	113	127	141	155	169
		3way side A-Throw	8-13	10-15	11-17	13-18	15-20	16-22	17-24	18-26	19-28	20-30	21-31
		Cfm per side B	42	64	84	105	127	148	169	189	211	232	253
		3way side B-Throw	9-14	11-16	12-19	14-21	17-23	17-25	18-27	20-29	21-31	22-32	23-34
		S2 & S2C-Throw	9-14	11-17	12-20	15-23	18-26	19-28	20-29	22-32	23-34	25-36	26-38
S1 - Throw	14-19	15-22	18-24	20-27	22-30	24-32	26-35	28-39	29-42	31-44	32-46		
12x12	Ak=0.375 1.00	CFM	200	300	400	500	600	700	800	900	1000	1100	1200
		Pt (in.w.g.)	0.016	0.038	0.065	0.102	0.145	0.200	0.260	0.330	0.407	0.495	0.590
		N.C.	< 15	< 15	22	28	33	36	40	43	46	48	50
		4 way- Throw	9-16	11-17	13-20	16-23	19-27	21-31	23-34	25-37	27-39	28-41	29-43
		Cfm per side A	50	75	100	125	150	175	200	225	250	275	300
		3way side A-Throw	9-16	11-17	13-20	16-23	19-27	21-31	23-34	25-37	27-39	28-41	29-43
		Cfm per side B	75	113	150	188	225	263	300	338	375	413	450
		3way side B-Throw	10-17	12-18	14-22	18-25	21-30	23-33	25-36	27-39	28-41	29-43	30-45
		S2 & S2C-Throw	11-17	13-19	14-23	20-28	23-33	25-35	27-39	30-42	32-44	34-45	36-48
S1 - Throw	17-24	19-25	20-30	25-36	29-39	31-42	34-45	36-48	37-50	39-52	41-54		
15x15	Ak=0.58 1.56	CFM	310	470	625	780	935	1095	1250	1405	1560	1715	1870
		Pt (in.w.g.)	0.016	0.038	0.065	0.102	0.145	0.200	0.260	0.330	0.407	0.495	0.590
		N.C.	< 15	< 15	23	29	35	40	44	47	49	51	53
		4 way- Throw	11-20	14-22	17-25	20-29	23-34	27-39	29-42	31-45	33-48	35-51	36-53
		Cfm per side A	78	118	156	195	234	274	313	351	391	430	469
		3way side A-Throw	11-20	14-22	17-25	20-29	23-34	27-39	29-42	31-45	33-48	35-51	36-53
		Cfm per side B	117	176	234	293	352	410	469	527	586	645	703
		3way side B-Throw	13-22	16-24	19-26	21-31	24-35	28-41	30-44	32-47	34-51	37-54	38-56
		S2 & S2C-Throw	14-23	17-25	20-28	23-33	26-38	30-44	33-47	35-50	37-55	40-58	43-61
S1 - Throw	20-30	23-32	27-35	30-40	32-49	38-52	41-55	43-58	46-62	49-67	52-72		



CEILING DIFFUSER-LOUVERED FACE

SQUARE

CDP200 & CD200

PERFORMANCE DATA

Size (inches)	Area Factor Ak	Neck Velocity FPM	200	300	400	500	600	700	800	900	1000	1100	1200
	Neck Area (Sq. Ft.)	Velocity Pressure (in. w.g.)	0.003	0.006	0.010	0.016	0.023	0.031	0.040	0.051	0.063	0.076	0.091

18x18	Ak=0.85 2.25	CFM	450	675	900	1125	1350	1575	1800	2025	2250	2475	2700
		Pt (in.w.g.)	0.016	0.038	0.065	0.102	0.145	0.200	0.260	0.330	0.407	0.495	0.590
		N.C.	< 15	15	24	31	38	43	47	50	52	54	56
		4 way- row	15-25	19-28	22-32	25-35	28-38	31-43	34-49	37-56	39-59	41-62	43-64
		Cfm per side A	113	169	225	281	338	394	450	506	563	619	675
		3way side A- row	15-25	19-28	22-32	25-35	28-38	31-43	34-49	37-56	39-59	41-62	43-64
		Cfm per side B	168	253	338	372	506	591	675	760	844	928	1012
		3way side B- row	17-27	21-31	23-35	28-39	32-42	35-49	38-55	41-61	44-66	46-68	47-69
		S2 & S2C- row	17-28	22-34	24-37	29-41	34-44	38-52	42-60	45-66	48-72	50-74	53-78
S1 - row	26-38	30-43	33-47	39-51	45-55	49-65	52-75	56-84	60-90	64-94	68-98		
21x21*	Ak=1.15 3.06	CFM	610	920	1225	1530	1835	2140	2450	2755	3060	3365	3670
		Pt (in.w.g.)	0.016	0.038	0.065	0.102	0.146	0.201	0.262	0.333	0.410	0.496	0.591
		N.C.	16	23	29	35	41	46	49	52	55	57	59
		4 way- row	24-30	27-36	30-41	33-45	36-50	38-54	41-58	44-62	46-65	48-68	50-71
		Cfm per side A	152	230	306	383	463	535	613	689	765	841	918
		3way side A- row	24-30	27-36	30-41	33-45	36-50	38-54	41-58	44-62	46-65	48-68	50-71
		Cfm per side B	230	345	459	574	686	803	919	1033	1148	1262	1376
		3way side B- row	27-33	30-39	33-45	36-49	39-54	43-60	46-65	49-69	52-72	54-75	56-78
		S2 & S2C- row	27-34	31-42	34-49	37-53	41-59	45-65	49-70	52-74	55-77	58-80	61-83
S1 - row	38-47	41-55	44-62	48-67	51-72	55-78	58-83	61-87	64-90	67-93	70-96		
24x24*	Ak=1.15 4.00	CFM	800	1200	1600	2000	2400	2800	3200	3600	4000	4400	4800
		Pt (in.w.g.)	0.016	0.038	0.066	0.104	0.148	0.202	0.264	0.334	0.412	0.500	0.592
		N.C.	21	27	33	39	45	49	51	54	57	59	61
		4 way- row	27-35	30-42	33-47	37-52	40-57	44-62	47-66	50-70	53-74	56-78	58-82
		Cfm per side A	200	300	400	500	600	700	800	900	1000	1100	1200
		3way side A- row	27-35	30-42	33-47	37-52	40-57	44-62	47-66	50-70	53-74	56-78	58-82
		Cfm per side B	300	450	600	750	900	1050	1200	1350	1500	1650	1800
		3way side B- row	28-37	32-44	36-51	39-56	43-61	47-66	50-71	54-76	57-80	59-84	61-86
		S2 & S2C- row	28-38	33-47	37-56	42-61	46-66	51-72	55-77	59-82	62-86	65-90	67-93
S1 - row	40-51	43-59	47-68	52-73	57-79	62-85	66-90	70-95	73-99	76-104	78-108		

Notes:

Static Pressure is in Inch of Water, Air volume is in CFM.

NC values were determined by subtracting 10 dB from the sound power level for room absorption.

Throw data is presented for terminal velocities of 100 and 50 ft./min. Throw values are given for Isothermal conditions.

Laboratory tests were performed in accordance with ASHRAE Standard 70-1991.

(*) Size not available for CDP



CEILING DIFFUSER-LOUVERED FACE RECTANGULAR CD200

PERFORMANCE DATA

SIZE (Inch)	Area Factor(Ak) Neck Area (Sq.ft)	Neck Velocity (fpm) Velocity Pressure (in.w.g.) Total Pressure (in.w.g.) Side	200		300		400		500		600		700		800		900	
			0.003		0.006		0.01		0.016		0.023		0.031		0.04		0.051	
			0.013		0.029		0.052		0.08		0.12		0.16		0.21		0.255	
			A	B	A	B	A	B	A	B	A	B	A	B	A	B	A	B
9x6	Ak= .122 0.375	CFM TOTAL	75		110		150		190		225		265		300		337	
		CFM / SIDE	24	13	36	19	50	25	64	31	75	38	89	44	100	50	113	56
		THROW / SIDE	8-13	7-10	10-15	8-11	11-17	9-12	13-18	10-14	14-20	11-15	16-22	11-16	17-24	12-17	18-26	13-18
		NC	<15		<15		16		21		26		31		35		38	
12x6	Ak= .158 0.500	CFM TOTAL	100		150		200		250		300		350		400		450	
		CFM / SIDE	37	13	56	19	75	25	95	31	112	38	131	44	150	50	169	56
		THROW / SIDE	8-14	7-10	9-16	8-11	11-17	9-12	13-20	10-14	14-22	11-15	17-24	11-16	19-27	12-17	20-30	13-18
		NC	<15		<15		17		22		28		32		36		39	
15x6	Ak= .195 0.625	CFM TOTAL	125		188		250		313		375		438		500		565	
		CFM / SIDE	50	13	75	19	100	25	125	31	150	38	75	44	200	50	225	56
		THROW / SIDE	9-17	7-10	11-20	8-11	13-21	9-12	15-23	10-14	17-25	11-15	19-28	11-16	21-30	12-17	23-33	13-18
		NC	<15		<15		18		23		29		34		38		41	
18x6	Ak= .232 0.750	CFM TOTAL	150		225		300		375		450		525		600		675	
		CFM / SIDE	62	13	94	19	125	25	157	31	187	38	219	44	250	50	281	56
		THROW / SIDE	9-17	7-10	11-20	8-11	13-21	9-12	15-23	10-14	17-25	11-15	19-28	11-16	21-30	12-17	23-33	13-18
		NC	<15		<15		19		24		31		36		40		43	
12x9	Ak= .232 0.750	CFM TOTAL	150		225		300		375		450		525		600		675	
		CFM / SIDE	47	28	71	42	97	56	118	70	141	84	164	99	187	113	210	127
		THROW / SIDE	9-16	8-13	11-17	10-15	13-20	11-17	16-23	13-18	19-27	15-20	20-30	16-22	22-33	17-24	24-35	18-26
		NC	<15		<15		20		26		31		35		39		42	
15x9	Ak= .287 0.938	CFM TOTAL	188		281		375		469		563		656		750		845	
		CFM / SIDE	66	28	99	42	132	56	165	70	198	84	229	99	262	113	296	127
		THROW / SIDE	10-18	8-13	12-20	10-15	15-23	11-17	18-26	13-18	20-29	15-20	23-33	16-22	26-37	17-24	28-41	18-26
		NC	<15		<15		21		27		32		37		41		44	
18x9	Ak= .343 1.125	CFM TOTAL	225		338		450		563		675		788		900		1012	
		CFM / SIDE	85	28	127	42	169	56	212	70	254	84	295	99	337	113	379	127
		THROW / SIDE	13-23	8-13	16-26	10-15	19-28	11-17	21-31	13-18	23-33	15-20	26-36	16-22	28-38	17-24	31-42	18-26
		NC	<15		<15		21		27		32		37		41		44	
15x12	Ak= .380 1.25	CFM TOTAL	250		375		500		625		750		875		1000		1125	
		CFM / SIDE	75	50	113	75	150	100	188	125	225	150	263	175	300	200	338	225
		THROW / SIDE	11-20	9-16	14-22	11-17	17-25	13-20	20-28	16-23	23-32	19-27	26-36	21-31	29-40	23-24	31-43	25-37
		NC	<15		<15		22		28		34		38		42		45	
18x12	Ak= .453 1.5	CFM TOTAL	300		450		600		750		900		1050		1200		1350	
		CFM / SIDE	100	50	150	75	200	100	250	125	300	150	350	175	400	200	450	225
		THROW / SIDE	14-23	9-16	17-27	11-17	20-31	13-20	23-34	16-23	26-37	19-27	29-40	21-31	31-44	23-24	34-49	25-37
		NC	<15		<15		23		29		35		39		43		46	
18x15	Ak= .563 1.875	CFM TOTAL	375		563		750		938		1125		1313		1500		1687	
		CFM / SIDE	110	78	164	118	219	156	274	195	329	234	383	274	437	313	493	351
		THROW / SIDE	15-25	11-20	19-28	14-22	22-32	17-25	25-35	20-29	28-38	23-34	31-43	27-39	33-48	29-42	36-55	31-45
		NC	<15		<15		23		30		36		41		45		48	

Notes:

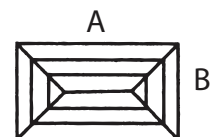
Total Pressure is in Inch of Water, Air volume is in CFM.

NC values were determined by subtracting 10 dB from the sound power level for room absorption. Throw data is presented for terminal velocities of 100 and 50 ft./min.

Throw values are given for Isothermal conditions.

For Return add +1db on the NC level.

Laboratory tests were performed in accordance with ASHRAE Standard 70-1991.





Model : CDP200 & CD200

WITH ROUND NECK

PERFORMANCE DATA

SIZE (inches)	Area Factor Ak Neck Area (Sq. Ft.)	NECK VELOCITY (FPM)	300	400	500	600	700	800	900	1000	1100
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6x6 Dia 6"	Ak=0.093 0.195	CFM	59	78	98	117	137	156	176	195	215
		Pt (in.w.g.)	0.019	0.034	0.053	0.076	0.106	0.137	0.171	0.209	0.254
		N.C.	< 15	< 15	15	18	22	26	29	33	38
		4 way- Throw	7-11	8-12	9-14	9-15	10-16	10-17	11-18	12-19	12-20
9x9 Dia 6"	Ak=0.199 0.195	CFM	59	78	98	117	137	156	176	195	215
		Pt (in.w.g.)	0.019	0.034	0.053	0.076	0.106	0.137	0.171	0.209	0.254
		N.C.	< 15	< 15	<15	17	21	25	29	32	37
		4 way- Throw	8-11	9-12	10-14	10-15	11-16	11-17	12-18	13-19	13-20
9x9 Dia 8"	Ak=0.199 0.35	CFM	105	140	175	210	245	280	315	350	385
		Pt (in.w.g.)	0.014	0.024	0.035	0.053	0.073	0.095	0.119	0.147	0.178
		N.C.	< 15	<15	<15	17	20	25	29	32	35
		4 way- Throw	8-13	9-14	10-15	11-16	12-17	13-18	14-19	15-21	16-22
12x12 Dia 6"	Ak=0.375 0.195	CFM	59	78	98	117	137	156	176	195	215
		Pt (in.w.g.)	0.019	0.034	0.053	0.076	0.106	0.137	0.171	0.209	0.254
		N.C.	< 15	< 15	<15	17	21	25	29	32	37
		4 way- Throw	8-11	9-12	10-14	10-15	11-16	11-17	12-18	13-19	13-20
12x12 Dia 8"	Ak=0.375 0.350	CFM	105	140	175	210	245	280	315	350	385
		Pt (in.w.g.)	0.014	0.024	0.035	0.053	0.073	0.095	0.119	0.147	0.178
		N.C.	< 15	<15	<15	17	20	25	29	32	35
		4 way- Throw	8-13	9-14	10-15	11-16	12-17	13-18	14-19	15-21	16-22
12x12 Dia 10"	Ak=0.375 0.545	CFM	164	218	273	327	380	436	491	545	600
		Pt (in.w.g.)	0.017	0.031	0.049	0.070	0.094	0.124	0.157	0.193	0.234
		N.C.	< 15	<15	<15	18	21	24	29	33	36
		4 way- Throw	8-15	9-16	10-17	11-18	12-19	13-21	15-23	17-25	19-27
12x12 Dia 12"	Ak=0.375 0.785	CFM	236	314	392	471	549	628	707	785	864
		Pt (in.w.g.)	0.023	0.041	0.063	0.092	0.125	0.164	0.207	0.255	0.309
		N.C.	< 15	<15	20	26	29	32	35	38	41
		4 way- Throw	9-16	11-17	12-19	14-21	16-24	18-27	19-29	21-32	23-35

PERFORMANCE DATA

SIZE (inches)	Area Factor Ak Neck Area (Sq. Ft.)	NECK VELOCITY FPM	300	400	500	600	700	800	900	1000	1100
18x18 Dia 6"	Ak=0.85 0.195	CFM	59	78	98	117	137	156	176	195	215
		Pt (in.w.g.)	0.019	0.034	0.053	0.076	0.106	0.137	0.171	0.209	0.254
		N.C.	< 15	< 15	<15	17	21	25	29	32	37
		4 way- Throw	8-11	9-12	10-14	10-15	11-16	11-17	12-18	13-19	13-20
18x18 Dia 8"	Ak=0.85 0.350	CFM	105	140	175	210	245	280	315	350	385
		Pt (in.w.g.)	0.014	0.024	0.035	0.053	0.073	0.095	0.119	0.147	0.178
		N.C.	< 15	<15	<15	17	20	25	29	32	35
		4 way- Throw	8-13	9-14	10-15	11-16	12-17	13-18	14-19	15-21	16-22
18x18 Dia 10"	Ak=0.85 0.545	CFM	164	218	273	327	380	436	491	545	600
		Pt (in.w.g.)	0.017	0.031	0.049	0.070	0.094	0.124	0.157	0.193	0.234
		N.C.	< 15	<15	<15	18	21	24	29	33	36
		4 way- Throw	8-15	9-16	10-17	11-18	12-19	13-21	15-23	17-25	19-27
18x18 Dia 12"	Ak=0.85 0.785	CFM	236	314	392	471	549	628	707	785	864
		Pt (in.w.g.)	0.023	0.041	0.063	0.092	0.125	0.164	0.207	0.255	0.309
		N.C.	< 15	<15	20	26	29	32	35	38	41
		4 way- Throw	9-16	11-17	12-19	14-21	16-24	18-27	19-29	21-32	23-35
18x18 Dia 14"	Ak=0.85 1.07	CFM	321	428	534	641	748	855	962	1069	1176
		Pt (in.w.g.)	0.039	0.069	0.108	0.155	0.212	0.277	0.35	0.432	0.523
		N.C.	< 15	18	23	27	32	35	38	42	45
		4 way- Throw	10-17	11-18	13-20	16-23	19-27	21-31	23-34	25-36	27-38
18x18 Dia 16"	Ak=0.85 1.396	CFM	419	558	698	837	977	1116	1255	1396	1535
		Pt (in.w.g.)	0.049	0.087	0.136	0.196	0.267	0.349	0.441	0.545	0.659
		N.C.	15	20	25	30	34	37	40	44	47
		4 way- Throw	14-22	17-25	20-29	23-34	27-39	29-42	31-45	33-48	35-51

Notes:

Static Pressure is in Inch of Water, Air volume is in CFM.

NC values were determined by subtracting 10 dB from the sound power level for room absorption.

Throw data is presented for terminal velocities of 100 and 50 ft./min.

Throw values are given for Isothermal conditions.

Laboratory tests were performed in accordance with ASHRAE Standard 70-1991.

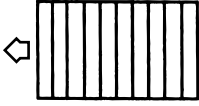
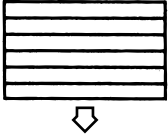
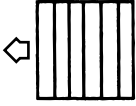

DIRECTIONAL PATTERNS

SERIES 1

SERIE S1 : One way throw - square diffuser square neck.

SERIE R1a : One way throw - rectangular diffuser Rectangular neck - vanes long dimension.

SERIE R1b : One way throw - rectangular diffuser Rectangular neck - vanes short dimension.

R1 b	R1 a	S1	1-Way
			

SERIES 2

SERIE S2 : Two way throw - square diffuser square neck.

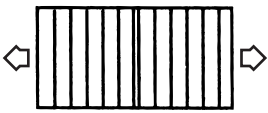
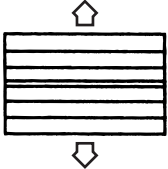
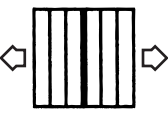

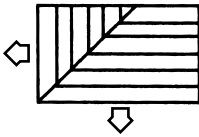
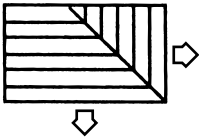
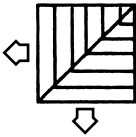

SERIE R2a : Two way throw - rectangular diffuser Rectangular neck - vanes long dimension.

SERIE R2b : Two way throw - rectangular diffuser Rectangular neck - vanes short dimension.

SERIE S2c : Two way corner throw - square diffuser - square neck.

SERIE R2ca : Two way corner throw - rectangular diffuser. Rectangular neck - left hand.

SERIE R2cb : Two way corner throw - rectangular diffuser. Rectangular neck - right hand.

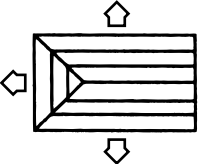
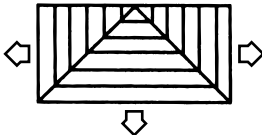
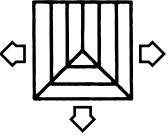
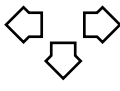
R2 b	R2 a	S2	2-Way
			
R2 cb	R2 ca	S2 c	2-Way Corner
			

SERIES 3

SERIE 3: Three way throw - square diffuser square neck.

SERIE R3a : Three way throw - rectangular diffuser Rectangular neck - 2 short sides - 1 long side.

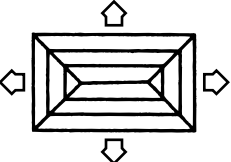
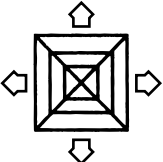
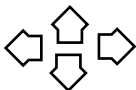
SERIE R3b : Three way throw - rectangular diffuser Rectangular neck - 2 long sides - 1 short side.

R3 b	R3 a	S3	3-Way
			

SERIES 4

SERIE S4 : Four way throw - square diffuser - square neck.

SERIE R4 : Four way throw - rectangular diffuser Rectangular neck.

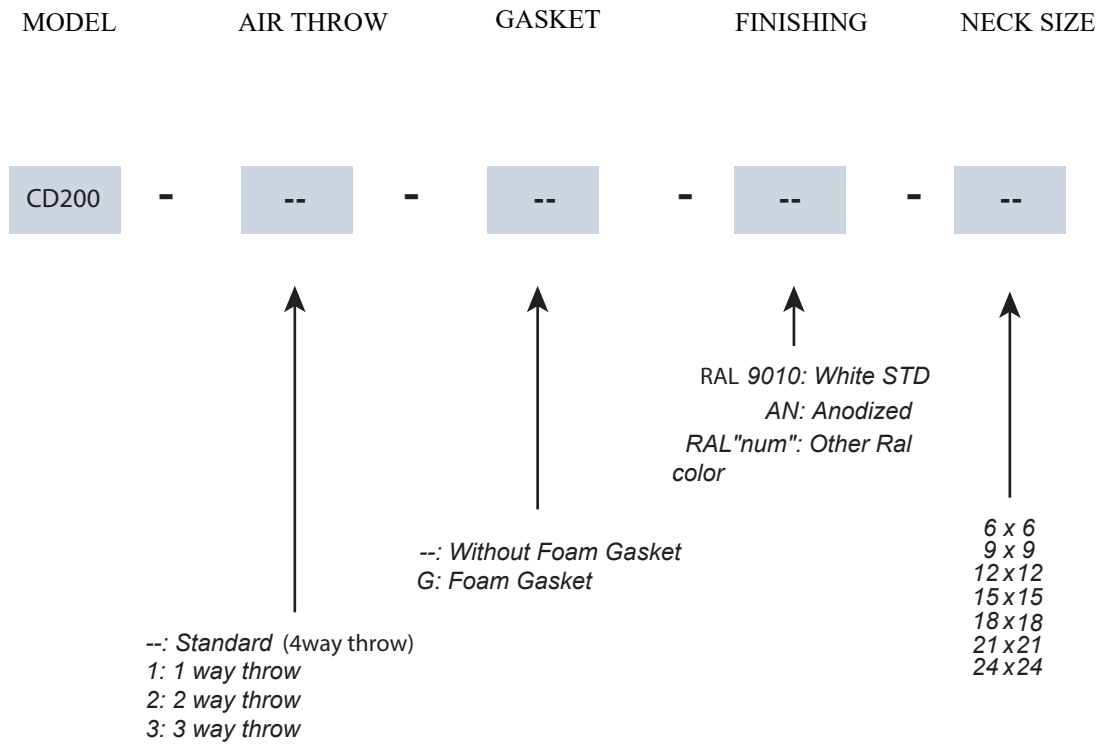
R4	S4		4-Way
			



CEILING DIFFUSER-LOUVERED FACE SQUARE & RECTANGULAR

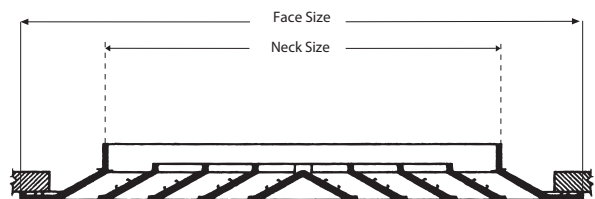
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ORDERING INFORMATION



STANDARD SIZES

Neck Size (inch)	Face Size (millimeter)
6 x 6	300 x 300
9 x 9	375 x 375
12 x 12	450 x 450
15 x 15	525 x 525
18 x 18	600 x 600
21 x 21	675 x 675
24 x 24	750 x 750



N.B: - For non standard sizes, please consult our engineers