

מפרט טכני

DDS



METALPRESS

MAKE THE DIFFERENCE



מפזרים אלה עוצבו במיוחד על מנת להיענות לדרישת המעצבים והמתכננים שמפזרי האוויר ישתלבו ברקע עליו הם מותקנים. מפזרים קיריים אלה, המעוצבים מאלומיניום משוך, הינם בעלי יכולת פיזור האוויר לארבעה כיוונים. הם משמשים לאספקת אוויר קר או חם במערכות מרכזיות וביתיות כאחד.

אופציות

- ▶ דגם Classic / Studio (כרופילי מסגרת מעוגלים)
- ▶ ניתן לקבל אותם עם או ללא וסת כמות OBD (רגיסטר - R)

גימורים

- ▶ רוחב מסגרות: 12 מ"מ, 20 מ"מ, 32 מ"מ
- ▶ סטנדרט - צבע לבן שבור קלוי בתנור בגוון העדין והמיוחד של Studio
- ▶ צבעי RAL שונים

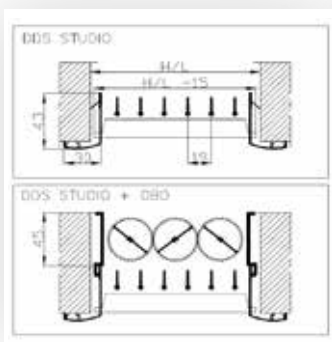
מידות

- ▶ לפי דרישה

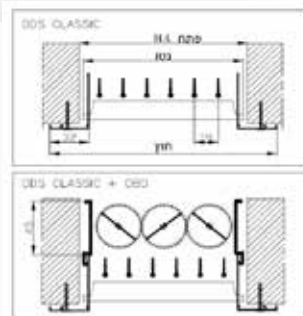
התקנה

- ▶ ברגים שקועים
- ▶ קפיצי TZ - מתאימים למסגרת עץ או מתאימים פלסטיים

DDS Studio



DDS Classic



CFM	Listed Size in mm x mm	200 x 100		250 x 100 200 x 125 150 x 150		200 x 150 250 x 125 300 x 100		250 x 150 300 x 125 400 x 100		300 x 150 350 x 125 450 x 100	
	Area factor Deflection	0°	45°	0°	45°	0°	45°	0°	45°	0°	45°
100 0.0472	Face vel.	2,47	5,05	2,37	4,63	2,21	4,18	1,92	3,32		
	P _t mm H ₂ O	0,43	1,45	0,35	1,22	0,33	1,04	0,25	0,69		
	Throw in (M)	4,2-5,4	2,7-4,8	3,9-5,5	3,0-4,9	3,9-5,2	3,0-4,9	4,0-5,2	2,7-4,6		
	N/C	15	19	<15	16	<15	<15	<15	<15		
150 0,0708	Face vel.	3,71	7,61	3,56	6,94	3,31	6,27	2,87	4,98	2,63	4,19
	P _t mm H ₂ O	0,99	3,23	0,78	2,72	0,74	2,31	0,53	1,55	0,46	1,07
	Throw in (M)	4,9-6,4	3,6-6,8	4,6-6,1	3,7-6,5	4,3-6,1	3,7-6,2	4,3-6,1	3,4-6,2	4,0-6,5	3,4-4,9
	N/C	15	24	16	21	<15	16	<15	<15	<15	<15
200 0,0945	Face vel.	4,95	10,16	4,75	9,26	4,42	8,36	3,84	6,65	3,51	5,69
	P _t mm H ₂ O	1,77	5,76	1,39	4,55	1,3	4,12	0,94	2,77	0,81	1,88
	Throw in (M)	5,2-7,3	4,3-6,4	5,2-7,0	4,3-6,1	4,9-7,0	3,9-6,1	4,9-6,7	4,0-6,0	4,6-6,7	4,0-6,5
	N/C	21	28	19	26	17	24	15	20	<15	15
250 0,1181	Face vel.	6,18	12,69	5,93	11,58	5,52	10,45	4,80	8,32	4,39	6,985
	P _t mm H ₂ O	2,76	9,02	2,15	7,62	2,0	6,45	1,45	4,32	1,24	2,96
	Throw in (M)	5,8-7,9	4,8-7,0	5,8-7,9	4,9-7,0	5,5-7,6	4,9-6,7	5,4-7,6	4,6-6,7	5,2-7,6	4,6-6,7
	N/C	25	35	27	32	24	31	21	27	17	23
300 0,1417	Face vel.	7,42	15,24	7,12	13,89	6,62	12,54	5,76	9,96	5,27	8,38
	P _t mm H ₂ O	3,96	13,21	3,15	10,92	2,9	9,27	2,1	6,22	1,8	4,24
	Throw in (M)	5,8-8,2	5,2-7,3	5,8-8,2	5,2-7,3	5,8-8,2	5,2-7,3	5,8-8,2	5,2-7,3	5,8-8,2	5,2-7,3
	N/C	34	40	31	38	25	36	26	33	23	30
350 0,1653	Face vel.	8,65	17,77	8,31	16,21	7,72	14,63	6,72	11,64	6,14	9,78
	P _t mm H ₂ O	5,35	17,53	4,32	14,96	3,9	12,57	2,87	8,51	2,46	5,77
	Throw in (M)	7,0-9,5	5,8-8,2	6,7-9,5	5,8-8,2	6,7-9,5	5,4-7,9	6,4-9,2	5,4-7,9	6,4-9,1	5,4-7,9
	N/C	37	45	35	42	32	39	30	37	25	35
400 0,1889	Face vel.			9,49	18,52	8,53	16,72	7,66	13,30	7,022	11,18
	P _t mm H ₂ O			5,61	19,56	5,13	16,51	3,76	11,05	3,2	7,52
	Throw in (M)			7,6-10,4	6,7-9,1	7,3-10,4	6,4-8,8	7,0-10,1	6,1-8,5	6,7-9,5	6,1-8,5
	N/C			38	45	36	42	34	40	32	38
450 0,2125	Face vel.							8,64	14,96	7,899	12,57
	P _t mm H ₂ O							4,72	13,97	4,06	9,53
	Throw in (M)							7,3-10,7	6,7-9,1	7,0-10,4	6,4-8,8
	N/C							39	43	36	42
500 0,2362	Face vel.									8,78	13,97
	P _t mm H ₂ O									5,00	11,74
	Throw in (M)									7,3-10,9	6,7-7,4
	N/C									40	45

- Face velocity is measured in m/sec.
- Total pressure loss is in mm of H₂O & Area factor in square meter.
- Throw (meters) is measured for a terminal velocities of 0,5 & 0,25 m/sec.
- NC based on a room attenuation of 10 dB.

CFM	Listed Size in mm x mm	250x200 350x150 400x125 500x100		250x250 300x200 400x150 500x125 650x100		300x250 450x175 500x150 600x125 750x100		300x300 350x250 450x200 600x150		350x300 400x250 500x200 750x150	
	Area factor Deflection	0.028 0"	0.0178 45"	0.0324 0"	0.022 45"	0.039 0"	0.0288 45"	0.0469 0"	0.0369 45"	0.0528 0"	0.0422 45"
200 0.0945	Face vol.	3.38	5.31	2.91	4.30	2.42	3.28	2.0	2.56		
	P, mm H2O	0.64	1.7	0.36	1.17	0.23	0.71	0.15	0.41		
	Throw in (M)	4.5-6.7	3.7-6.8	4.5-6.7	3.7-5.5	4.6-6.7	3.4-5.5	4.6-6.7	3.1-5.5		
	N,C	<15	<15	<15	<15	<15	<15	<15	<15		
250 0.1181	Face vol.	4.22	6.63	3.65	5.37	3.03	4.1	2.52	3.201	2.24	2.79
	P, mm H2O	0.99	2.64	0.58	1.83	0.36	1.12	0.23	0.61	0.18	0.41
	Throw in (M)	5.2-7.6	4.6-6.7	5.2-7.6	4.3-6.7	5.2-7.6	4.3-6.4	5.2-7.6	3.9-6.4	5.2-7.3	3.6-6.0
	N,C	15	21	<15	18	<15	<15	<15	<15	<15	<15
300 0.1417	Face vol.	5.06	7.96	4.37	6.44	3.63	4.92	3.02	3.84	2.68	3.36
	P, mm H2O	1.42	3.81	0.84	2.62	0.51	1.6	0.33	0.89	0.25	0.58
	Throw in (M)	5.8-8.2	5.2-7.3	5.8-8.2	5.2-7.3	5.8-8.2	4.8-7.3	5.8-8.2	4.8-7.3	5.5-7.9	4.9-7.0
	N,C	20	27	17	22	<15	19	<15	<15	<15	<15
400 0.1889	Face vol.	6.75	10.6	5.83	8.59	4.84	6.56	4.03	5.19	3.58	4.47
	P, mm H2O	2.51	6.73	1.47	4.67	0.91	2.87	0.61	1.6	0.46	1.07
	Throw in (M)	6.7-9.8	6.4-8.8	6.7-9.8	6.1-8.5	6.7-9.8	5.8-8.5	6.7-9.5	5.8-8.2	6.7-9.5	5.5-8.2
	N,C	29	36	24	27	19	21	<15	17	<15	<15
500 0.2362	Face vol.	8.44	13.27	7.29	10.74	6.06	8.2	5.036	6.4	4.47	5.59
	P, mm H2O	3.91	10.54	2.28	7.24	1.45	4.47	0.94	2.46	0.71	1.65
	Throw in (M)	7.3-10.9	6.7-9.2	7.3-10.9	6.7-9.1	7.6-11.0	6.4-9.1	7.9-11.3	6.4-9.1	7.6-11.3	8.2-9.1
	N,C	35	42	30	32	26	28	15	24	15	19
600 0.2834	Face vol.			8.75	12.88	7.27	9.84	6.04	7.68	5.37	6.72
	P, mm H2O			3.3	10.52	2.06	6.45	1.35	3.58	1.04	2.36
	Throw in (M)			8.5-12.2	7.0-10.0	8.5-12.2	7.0-10.0	8.5-12.2	7.0-10.0	8.5-12.2	6.7-10.1
	N,C			36	39	30	35	25	31	19	24
700 0.3307	Face vol.					8.48	11.48	7.05	8.96	6.26	7.84
	P, mm H2O					2.52	8.76	1.83	4.83	1.40	3.25
	Throw in (M)					9.1-13.1	7.6-10.9	9.1-13.1	7.6-11.0	9.1-13.1	7.6-10.9
	N,C					36	42	32	37	25	31
800 0.3778	Face vol.							8.05	10.24	7.16	8.95
	P, mm H2O							2.41	6.35	1.83	4.22
	Throw in (M)							9.8-14.0	8.2-11.9	9.8-13.7	8.2-11.9
	N,C							36	41	33	37
900 0.425	Face vol.							9.06	11.52	8.05	10.07
	P, mm H2O							3.05	8.0	2.31	5.3
	Throw in (M)							10.0-14.6	8.5-12.5	10.0-14.6	8.4-12.5
	N,C							40	45	36	41

Face velocity is measured in m/sec

Total pressure loss is in mm of H2O & Area factor in square meter

Throw (meter) is measured for a terminal velocities of 0.5 & 0.25 m/sec

CFM	Listed Size in mm x mm	350x350 400x300 500x250 600x200 900x150		400x400 500x300 600x250 750x200		500x350 600x300 700x250 900x200 1200x150		450x450 500x400 800x250 1000x200	
	Area factor Deflection	0.0633 0"	0.0529 45"	0.0827 0"	0.072 45"	0.0926 0"	0.0853 0"	0.1069 0"	0.097 45"
500 0.2382	Face vol.	3.73	4.47	2.86	3.28	2.46	2.77	2.21	2.43
	P, mm H2O	0.48	1.02	0.28	0.45	0.20	0.31	0.15	0.23
	Throw in (M)	7.3-10.9	5.8-9.1	6.7-10.7	5.5-9.1	9.5-10.4	5.2-0.1	6.1-10.1	4.9-8.8
	N,C	<15	16	<15	<15	<15	<15	<15	<15
600 0.2834	Face vol.	4.47	5.36	3.43	3.94	2.95	3.32	2.65	2.92
	P, mm H2O	0.71	1.45	0.41	0.63	0.31	0.43	0.23	0.31
	Throw in (M)	8.2-11.9	6.4-10.1	7.6-11.6	6.4-10.1	7.3-11.3	6.1-10.1	7.0-10.7	6.1-9.8
	N,C	16	20	<15	18	<15	15	<15	<15
700 0.3307	Face vol.	5.22	6.25	4.0	4.59	3.44	3.88	3.09	3.4
	P, mm H2O	0.96	1.98	0.56	0.86	0.41	0.56	0.31	0.43
	Throw in (M)	8.8-12.5	7.3-10.9	8.5-12.5	7.0-11.0	8.5-12.2	7.0-10.9	8.2-11.9	6.7-10.7
	N,C	22	26	19	23	16	20	15	19
800 0.3778	Face vol.	5.97	7.14	4.57	5.25	3.93	4.43	3.53	3.59
	P, mm H2O	1.27	2.59	0.71	1.14	0.53	0.74	0.38	0.56
	Throw in (M)	9.8-13.4	8.2-11.9	9.5-13.1	7.9-10.6	9.5-13.1	7.9-11.6	9.1-12.5	7.6-11.3
	N,C	30	32	26	28	21	25	20	24
900 0.425	Face vol.	6.71	8.03	5.14	5.9	4.42	4.98	3.98	4.38
	P, mm H2O	1.60	3.25	0.91	1.45	0.68	0.94	0.48	0.71
	Throw in (M)	10.1-14.6	8.5-12.5	10.1-14.3	8.5-12.2	10.1-14.0	8.5-12.2	9.8-13.7	8.2-12.2
	N,C	33	36	30	33	25	30	24	29
1000 0.472	Face vol.	7.44	8.92	5.69	6.55	4.92	5.55	4.45	4.56
	P, mm H2O	1.98	4.01	1.11	1.78	0.84	1.17	0.61	0.86
	Throw in (M)	10.7-15	9.1-13.3	10.4-15	9.1-13.1	10.4-14.6	9.1-13.1	10.1-14.3	9.2-13.1
	N,C	37	40	34	36	30	33	29	32
1100 0.519	Face vol.	8.18	9.81	6.25	7.21	5.41	6.11	4.89	5.35
	P, mm H2O	2.39	4.88	1.35	2.16	1.02	1.42	0.74	1.07
	Throw in (M)	10.9-16	9.8-14	10.7-15	9.8-14	10.7-15.0	9.8-14	10.4-14.9	9.8-14
	N,C	40	45	36	40	33	36	32	35
1200 0.567	Face vol.			6.83	7.57	6.91	6.67	5.35	5.84
	P, mm H2O			1.60	2.54	1.22	1.68	1.0	1.24
	Throw in (M)			11.3-16	10.4-15	11.3-15.9	10.4-14.9	11-15.2	10-14.8
	N,C			38	43	36	40	36	39
1400 0.661	Face vol.			7.96	9.18	6.88	7.77	6.23	6.81
	P, mm H2O			2.18	3.51	1.65	2.28	1.19	1.73
	Throw in (M)			12.2-17	11-15.5	12.2-16.8	10.9-15.2	11.6-16.2	10.4-15
	N,C			44	49	41	44	40	43

Face velocity is measured in m/sec

Total pressure loss is in mm of H2O&Area factor in square meter

Throw (meter) is measured for a terminal velocities of 0.5 & 0.25 m/sec

NC based on a room attenuation of 10 dB

CFM	Listed Size in mm x mm	600x400 900x250 800x300 1200x200		800x350 900x300 1100x250 1400x200		600x600 900x400 1000x350 1200x300		750x600 900x500 1000x450 1500x300 1200x375		800x750 900x700 1000x600 1200x500	
	Area factor Deflection	0.1352 0"	0.1 45"	0.162 0"	0.1159 45"	0.216 0"	0.162 45"	0.27 0"	0.216 45"	0.354 0"	0.288 45"
1100 0.519	Face vol.	3.84	5.19	3.20	4.48	2.4	3.2	1.92	2.4		
	P, mm H2O	0.64	0.98	0.59	0.84	0.52	0.76	0.42	0.62		
	Throw in (M)	9.8-14.3	9.2-13.2	9.2-13.6	8.6-12.8	8.8-13.0	8.1-11.3	7.0-9.1	6.2-8.3		
	N,C	30	33	28	29	25	27	20	24		
1200 0.567	Face vol.	4.19	5.67	3.5	4.89	2.63	3.5	2.1	2.63	1.6	1.97
	P, mm H2O	0.87	1.09	0.69	0.92	0.58	0.81	0.48	0.71	0.38	0.51
	Throw in (M)	10.3-14.8	9.8-14.0	9.7-14.3	9.1-13.2	9.3-13.8	8.4-11.9	7.5-10.8	6.8-9.4	6.3-9.2	5.7-8.1
	N,C	32	35	30	32	27	29	24	26	20	22
1400 0.661	Face vol.	4.89	6.61	4.08	5.7	3.06	4.08	2.45	3.06	1.81	2.29
	P, mm H2O	0.93	1.51	0.76	1.21	0.63	0.98	0.51	0.79	0.43	0.58
	Throw in (M)	10.8-15.4	10.2-14.6	10.1-15.0	9.7-13.8	9.7-14.3	8.8-11.3	8.1-11.3	7.3-10.1	6.8-10.1	6.1-8.8
	N,C	35	38	33	35	30	32	27	29	23	25
1600 0.756	Face vol.	5.59	7.56	4.67	6.52	3.5	4.82	2.8	3.5	2.13	2.63
	P, mm H2O	1.03	1.82	0.84	1.43	0.71	1.12	0.63	0.91	0.51	0.64
	Throw in (M)	11.5-16.9	10.8-15.1	10.6-15.4	10.1-14.5	10.1-14.8	9.3-12.1	8.8-12.1	7.9-10.7	7.3-10.9	6.7-9.2
	N,C	38	40	36	37	33	34	29	31	25	28
1800 0.85	Face vol.	6.29	8.5	5.25	7.33	3.94	5.32	3.15	3.94	2.4	2.95
	P, mm H2O	1.32	2.24	0.97	1.73	0.82	1.34	0.72	1.13	0.58	0.78
	Throw in (M)	12.6-18.2	11.4-17.3	11.8-16.7	10.7-15.3	10.9-16.1	9.8-14.1	10.1-14.2	8.2-12.2	7.9-11.6	7.1-9.8
	N,C	41	44	39	41	36	37	31	33	28	31
2000 0.945	Face vol.	6.99	9.78	5.83	8.15	4.38	5.83	3.5	4.38	2.7	3.28
	P, mm H2O	1.61	2.53	1.03	1.92	0.88	1.52	0.78	1.23	0.61	0.83
	Throw in (M)	13.8-19.7	12.4-18.6	13.2-18.1	11.6-16.5	12.1-17.3	10.3-14.8	10.7-15.1	8.8-13.1	8.2-11.8	7.4-10.4
	N,C	44	47	41	43	39	41	33	36	28	32
2200 1.039	Face vol.			6.41	8.96	4.81	6.41	3.85	4.81	2.94	3.61
	P, mm H2O			1.16	2.42	0.95	1.82	0.83	1.45	0.72	0.93
	Throw in (M)			14.3-19.5	12.4-17.7	12.8-18.1	10.9-15.7	11.2-16.4	9.3-13.8	8.9-13.0	8.1-11.3
	N,C			44	47	41	44	35	39	30	33
2400 1,134	Face vol.					5.25	7.0	4.2	5.25	3.2	3.94
	P, mm H2O					1.13	2.04	0.93	1.63	0.81	1.03
	Throw in (M)					13.7-19.2	11.4-16.4	12.2-17.3	9.9-14.7	9.5-13.8	8.7-12.1
	N,C					43	46	37	42	32	35
2800 1,228	Face vol.					5.69	7.58	4.55	5.69	3.47	4.26
	P, mm H2O					1.43	2.43	1.07	1.93	0.92	1.32
	Throw in (M)					14.4-21.3	12.1-17.6	13.1-18.4	10.7-15.4	10.7-15.7	9.3-13.2
	N,C					45	48	40	44	33	37

Face velocity is measured in m/sec

Total pressure loss is in mm of H2O & Area factor in square meter

Throw (meter) is measured for a terminal velocities of 0.5 & 0.25 m/sec