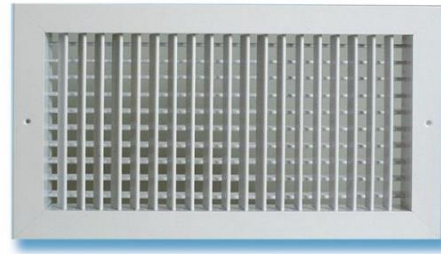
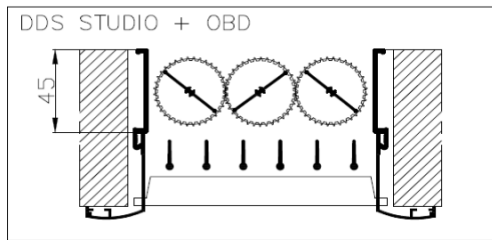
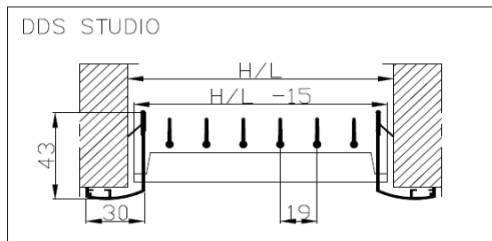
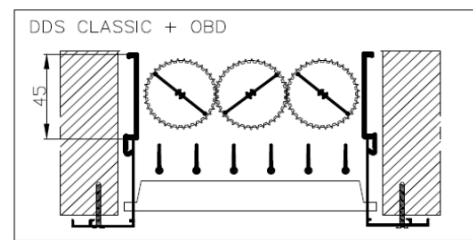
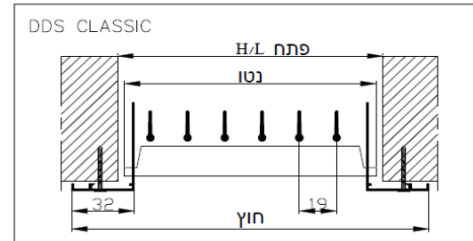


DDS Studio



DDS Classic



מפזרים אלו עוצבו במיוחד על מנת להיענות לדרישות 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 (פרופילי 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

Technical Data

CFM	Listed Size in mm x mm	200 x 100		250 x 100		200 x 150		250 x 150		300 x 150	
				200 x 125	150 x 150	250 x 125	300 x 100	300 x 125	400 x 100	350 x 125	450 x 100
M ³ /sec	Area factor	0,0191	0,0093	0,0199	0,0102	0,0214	0,0113	0,0246	0,0142	0,0269	0,0169
	Deflection	0°	45°	0°	45°	0°	45°	0°	45°	0°	45°
100 0,0472	Face vel.	2,47	5,08	2,37	4,83	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	0,23	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	3,6-5,8	4,6-6,1	3,7-5,5	4,3-6,1	3,7-6,2	4,3-6,1	3,4-6,2	4,0-5,5	3,4-4,9
	N.C	18	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	5,59
	P _t mm H ₂ O	1,77	5,76	1,39	4,88	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	4,0-5,5	4,6-6,7	4,0-5,5
	N.C	21	28	19	25	17	24	15	20	<15	15
250 0,1181	Face vel.	6,18	12,89	5,93	11,58	5,52	10,45	4,80	8,32	4,39	6,98
	P _t mm H ₂ O	2,76	9,02	2,15	7,62	2,0	6,45	1,45	4,32	1,24	2,95
	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	9,98	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	28	36	26	33	23	30
350 0,1653	Face vel.	8,65	17,77	8,31	16,21	7,72	14,83	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	28	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	6,7-8,5	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	6,4-8,5
	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 M ³ /sec	Listed Size in mm x mm	250 x 200		250 x 250		300 x 250		300 x 300		350 x 300	
		350 x 150		300 x 200		450 x 175		350 x 250		400 x 250	
		400 x 125		400 x 150		500 x 150		450 x 200		500 x 200	
500 x 100		500 x 125		650 x 100		600 x 125		600 x 150		750 x 150	
Area factor		0.028	0.0175	0.0324	0.022	0.039	0.0258	0.0469	0.0369	0.0528	0.0422
Deflection		0°	45°	0°	45°	0°	45°	0°	45°	0°	45°
200 0,0945	Face vel.	3.38	5.31	2.91	4.30	2.42	3.28	2.0	2.56		
	P _t mm H ₂ O	0.64	1.7	0.36	1.17	0.23	0.71	0.15	0.41		
	Throw in (M)	4.5-6.7	3.7-5.8	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 vel.	4.22	6.63	3.65	5.37	3.03	4.1	2.52	3.201	2.24	2.79
	P _t mm H ₂ O	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 vel.	5.06	7.96	4.37	6.44	3.83	4.92	3.02	3.84	2.68	3.36
	P _t mm H ₂ O	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	5.5-8.2	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 vel.	6.75	10.6	5.83	8.59	4.84	6.56	4.03	5.19	3.58	4.47
	P _t mm H ₂ O	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 vel.	8.44	13.27	7.29	10.74	6.06	8.2	5.036	6.4	4.47	5.59
	P _t mm H ₂ O	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	18	24	15	19
600 0,2834	Face vel.			8.75	12.88	7.27	9.84	6.04	7.68	5.37	6.72
	P _t mm H ₂ O			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 vel.					8.48	11.48	7.05	8.96	6.26	7.84
	P _t mm H ₂ O					2.82	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 vel.							8.05	10.24	7.16	8.96
	P _t mm H ₂ O							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 vel.							9.06	11.52	8.05	10.07
	P _t mm H ₂ O							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 (meters) is measured for a terminal velocities of 0.5 & 0.25 m/sec.
- NC based on a room attenuation of 10 dB.



CFM M ³ /sec	Listed Size in mm x mm	350 x 350 400 x 300 500 x 250 600 x 200 900 x 150		400 x 400 500 x 300 600 x 250 750 x 200		500 x 350 600 x 300 700 x 250 900 x 200 1200 x 150		450 x 450 500 x 400 800 x 250 1000 x 200			
		Area factor		0.0827		0.072		0.0853		0.1069	
		Deflection		0°		45°		0°		45°	
500 0.2362	Face vel.	3.73	4.47	2.86	3.28	2.46	2.77	2.21	2.43		
	P _t mm H ₂ O	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	5.2-9.1	6.1-10.1	4.9-8.8		
	N,C	<15	16	<15	<15	<15	<15	<15	<15		
600 0.2834	Face vel.	4.47	5.36	3.43	3.94	2.95	3.32	2.65	2.92		
	P _t mm H ₂ O	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 vel.	5.22	6.25	4.0	4.59	3.44	3.88	3.09	3.4		
	P _t mm H ₂ O	0.96	1.98	0.56	0.86	0.41	0.56	0.31	0.43		
	Throw in (M)	8.8-12.8	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 vel.	5.97	7.14	4.57	5.25	3.93	4.43	3.53	3.89		
	P _t mm H ₂ O	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 vel.	6.71	8.03	5.14	5.9	4.42	4.98	3.98	4.38		
	P _t mm H ₂ O	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 vel.	7.44	8.92	5.69	6.55	4.92	5.55	4.45	4.86		
	P _t mm H ₂ O	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	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 vel.	8.18	9.81	6.25	7.21	5.41	6.11	4.89	5.35		
	P _t mm H ₂ O	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 vel.			6.83	7.87	5.91	6.67	5.35	5.84		
	P _t mm H ₂ O			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	35	39		
1400 0.661	Face vel.			7.96	9.18	6.88	7.77	6.23	6.81		
	P _t mm H ₂ O			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 (meters) is measured for a terminal velocities of 0.5 & 0.25 m/sec.
- NC based on a room attenuation of 10 dB.



CFM M ³ /sec	Listed Size in mm x mm	600 x 400 900 x 250 800 x 300 1200 x 200		800 x 350 900 x 300 1100 x 250 1400 x 200		600 x 600 900 x 400 1000 x 350 1200 x 300		750 x 600 900 x 500 1000 x 450 1500 x 300 1200 x 375		800 x 750 900 x 700 1000 x 600 1200 x 500													
		Area factor		0,1352		0,1		0,162		0,1159		0,216		0,162		0,27		0,216		0,354		0,288	
		Deflection		0°		45°		0°		45°		0°		45°		0°		45°		0°		45°	
1100 0,519	Face vel	3.84	5.19	3.20	4.48	2.4	3.2	1.92	2.4														
	P _t mm H ₂ O	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 vel	4.19	5.67	3.5	4.89	2.63	3.5	2.1	2.63	1.6	1.97												
	P _t mm H ₂ O	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 vel	4.89	6.61	4.08	5.7	3.06	4.08	2.45	3.06	1.87	2.29												
	P _t mm H ₂ O	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 vel	5.59	7.56	4.67	6.52	3.5	4.82	2.8	3.5	2.13	2.63												
	P _t mm H ₂ O	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 vel	6.29	8.5	5.25	7.33	3.94	5.32	3.15	3.94	2.4	2.95												
	P _t mm H ₂ O	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 vel	6.99	9.78	5.83	8.15	4.38	5.83	3.5	4.38	2.7	3.28												
	P _t mm H ₂ O	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 vel			6.41	8.96	4.81	6.41	3.85	4.81	2.94	3.61												
	P _t mm H ₂ O			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 vel					5.25	7.0	4.2	5.25	3.2	3.94												
	P _t mm H ₂ O					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												
2600 1,228	Face vel					5.69	7.58	4.55	5.69	3.47	4.26												
	P _t mm H ₂ O					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 (meters) is measured for a terminal velocities of 0.5 & 0.25 m/sec.
- NC based on a room attenuation of 10 dB.