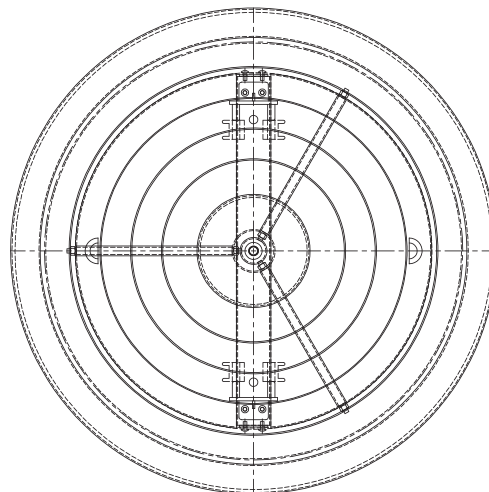
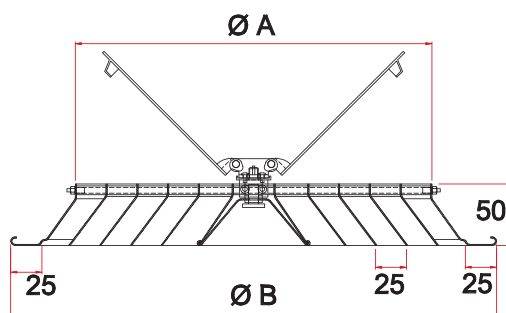




ROUND DIFFUSER SIMPLE - RDS

Description:

- RDS is made of spindled Aluminum sheet.
- Core blades are fixed. Core is removable.
- Powder coated to RAL 9010/9016 as standard finish.
- RDS is equipped with black butterfly plastic damper.
- RDS can be installed by the bracket at rear of the damper.



Dimensions:

Ø	AØ	DØ	HØ
150	257	148	220
200	309	203	271
250	362	249	324
300	415	298	377
350	458	342	416

Ordering Key:

R	D	S	B	I	S	O
RDS: ROUND DIFFUSER SIMPLE						
B: REAR BRACKET FOR FIXING - STANDARD FOR RDS						
SIZE: 150,200,250,300 OR 350						





Performance Data:

Model M ³ /H		6"	8"	10"	12"	14"
100	Vel	2.75	1.20	0.77	0.54	0.40
	P	0.70	0.28	0.23	0.21	0.20
	Amin	0.50	0.33	0.27	0.22	0.19
	Amax	0.92	0.70	0.61	0.55	0.51
	dbA	<15	<15	<15	<15	<15
150	Vel	4.12	1.79	1.16	0.81	0.60
	P	1.33	0.40	0.28	0.23	0.21
	Amin	0.75	0.49	0.40	0.33	0.29
	Amax	1.25	0.92	0.79	0.70	0.64
	dbA	<15	<15	<15	<15	<15
200	Vel	5.50	2.39	1.55	1.08	0.81
	P	2.22	0.57	0.35	0.27	0.23
	Amin	1.00	0.66	0.53	0.44	0.38
	Amax	1.59	1.13	0.96	0.85	0.77
	dbA	<15	<15	<15	<15	<15
250	Vel	6.87	2.99	1.94	1.35	1.01
	P	3.37	0.79	0.44	0.31	0.26
	Amin	1.24	0.82	0.66	0.55	0.48
	Amax	1.92	1.35	1.14	0.99	0.89
	dbA	32	18	<15	<15	<15
300	Vel	8.25	3.59	2.32	1.61	1.21
	P	4.77	1.05	0.55	0.36	0.29
	Amin	1.49	0.99	0.79	0.66	0.57
	Amax	2.25	1.57	1.32	1.14	1.02
	dbA	37	24	<15	<15	<15
350	Vel	9.62	4.18	2.71	1.88	1.41
	P	6.42	1.37	0.68	0.43	0.32
	Amin	1.74	1.15	0.93	0.77	0.67
	Amax	2.58	1.79	1.49	1.29	1.15
	dbA	41	28	18	<15	<15
400	Vel	10.99	4.78	3.10	2.15	1.61
	P	8.33	1.73	0.83	0.50	0.36
	Amin	1.99	1.31	1.06	0.88	0.76
	Amax	2.91	2.01	1.67	1.43	1.28
	dbA	45	32	21	<15	<15
450	Vel	12.37	5.38	3.49	2.42	1.81
	P	10.50	2.14	1.01	0.58	0.41
	Amin	2.24	1.48	1.19	0.99	0.86
	Amax	3.24	2.23	1.84	1.58	1.40
	dbA	48	35	25	16	<15
500	Vel		5.98	3.87	2.69	2.02
	P		2.60	1.20	0.67	0.46
	Amin		1.64	1.32	1.10	0.95
	Amax		2.45	2.02	1.73	1.53
	dbA		38	28	19	<15
600	Vel		7.17	4.65	3.23	2.42
	P		3.66	1.64	0.89	0.58
	Amin		1.97	1.59	1.32	1.14
	Amax		2.88	2.37	2.02	1.78
	dbA		43	33	24	17

Vel = Velocity m/s
 P = Pressure Drop, mm.G.W
 Amin = Throw, minimum

Model M ³ /H		6"	8"	10"	12"	14"
700	Vel		8.37	5.42	3.37	2.82
	P		4.91	2.17	1.14	0.72
	Amin		2.30	1.85	1.54	1.33
	Amax		3.32	2.72	2.31	2.04
	dbA		47	37	29	21
800	Vel			6.20	4.31	3.22
	P			2.78	1.44	0.89
	Amin			2.11	1.76	1.52
	Amax			3.08	2.61	2.29
	dbA			41	32	25
900	Vel			6.97	4.84	3.67
	P			3.47	1.77	1.07
	Amin			2.38	1.98	1.72
	Amax			3.43	2.90	2.55
	dbA			44	36	29
1000	Vel			7.75	5.38	4.03
	P			4.23	2.14	1.28
	Amin			2.64	2.20	1.91
	Amax			3.78	3.19	2.80
	dbA			8.52	39	32
1100	Vel			5.08	5.92	4.43
	P			2.91	2.55	1.51
	Amin			4.13	2.42	2.10
	Amax			50	3.49	3.05
	dbA				41	34
1200	Vel				6.46	4.84
	P				3.00	1.76
	Amin				2.64	2.29
	Amax				3.78	3.31
	dbA				44	37
1300	Vel				7.00	5.24
	P				3.49	2.04
	Amin				2.86	2.48
	Amax				4.07	3.56
	dbA				46	39
1500	Vel					6.05
	P					2.65
	Amin					2.86
	Amax					4.07
	dbA					43
1700	Vel					6.85
	P					3.35
	Amin					3.24
	Amax					4.58
	dbA					46
2000	Vel					7.66
	P					4.14
	Amin					3.62
	Amax					5.08
	dbA					50

Amax = Throw, maximum
 db = Level of noise, dbA

