

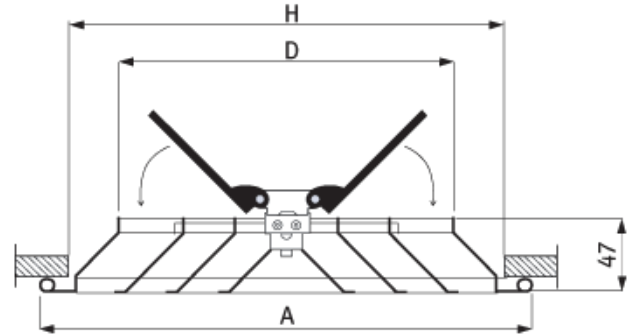


Ceiling Diffuser

CCDDDS



Dimensions



Description

- Structural elements made of extruded aluminum,
- Integrated damper made of plastic,
- Powder coated to RAL 9016,
- Flat diffuser face,
- Light weight even with large dimensions,
- Removable stream guides,
- Easy assembly and adjustment thanks to unique design solutions,
- Suitable for supply / exhaust warm or cold air,
- Suitable for systems with variable air volume,
- The product has the NIZP-PZH certificate.

Diffuser size	øA [mm]	øD [mm]	øH [mm]
150	257	145	225
200	309	197	275
250	357	248	325
300	418	294	398
350	474	348	444



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CCDDS

Efficiency [m³/h]	Size	150	200	250	300	350
100	Speed v [m / s]	2.75	1.2	0.77	0.54	0.4
	Ps [Bye]	7	3	2	2	2
	Tmin [m]	0.5	0.33	0.27	0.22	0.19
	Tmax [m]	0.92	0.7	0.61	0.55	0.51
	NC [dB (A)]	<15	<15	<15	<15	<15
150	V [m³/h]	4.12	1.79	1.16	0.81	0.6
	Ps [Bye]	13	4	3	2	2
	Tmin [m]	0.75	0.49	0.4	0.33	0.29
	Tmax [m]	1.25	0.92	0.79	0.7	0.64
	NC [dB (A)]	<15	<15	<15	<15	<15
200	Speed v [m / s]	5.5	2.39	1.55	1.08	0.81
	Ps [Bye]	22	6	3	3	2
	Tmin [m]	1	0.66	0.53	0.44	0.38
	Tmax [m]	1.59	1.13	0.96	0.85	0.77
	NC [dB (A)]	<15	<15	<15	<15	<15
250	V [m³/h]	6.87	2.99	1.94	1.35	1.01
	Ps [Bye]	33	8	4	3	3
	Tmin [m]	1.24	0.82	0.66	0.55	0.48
	Tmax [m]	1.92	1.35	1.14	0.99	0.89
	NC [dB (A)]	32	18	<15	<15	<15
300	Speed v [m / s]	8.25	3.59	2.32	1.61	1.21
	Ps [Bye]	47	10	5	4	3
	Tmin [m]	1.49	0.99	0.99	0.66	0.57
	Tmax [m]	2.25	1.57	1.32	1.14	1.02
	NC [dB (A)]	37	24	<15	<15	<15
350	V [m³/h]	9.62	4.18	2.71	1.88	1.41
	Ps [Bye]	63	13	7	4	3
	Tmin [m]	1.74	1.15	0.93	0.77	0.67
	Tmax [m]	2.58	1.79	1.49	1.29	1.15
	NC [dB (A)]	41	28	18	<15	<15
400	Speed v [m / s]	10.99	4.78	3.1	2.15	1.61
	Ps [Bye]	82	17	8	5	4
	Tmin [m]	1.99	1.31	1.06	0.88	0.76
	Tmax [m]	2.91	2.01	1.67	1.43	1.28
	NC [dB (A)]	45	32	21	<15	<15
450	V [m³/h]	12.37	5.38	3.49	2.42	1.81
	Ps [Bye]	103	21	10	6	4
	Tmin [m]	2.24	1.48	1.19	0.99	0.86
	Tmax [m]	3.24	2.23	1.84	1.58	1.4
	NC [dB (A)]	48	35	25	16	<15
500	Speed v [m / s]		5.98	3.87	2.69	2.02
	Ps [Bye]		26	12	7	5
	Tmin [m]		1.64	1.32	1.1	0.95
	Tmax [m]		2.45	2.02	1.73	1.53
	NC [dB (A)]		38	28	19	<15
600	V [m³/h]		7.17	4.65	3.23	2.42
	Ps [Bye]		36	16	9	6
	Tmin [m]		1.97	1.59	1.32	1.14
	Tmax [m]		2.88	2.37	2.02	1.78
	NC [dB (A)]		43	33	24	17

700	Speed v [m / s]		8.37	5.42	3.37	2.82
	Ps [Bye]		48	21	11	7
	Tmin [m]		2.3	1.85	1.54	1.33
	Tmax [m]		3.32	2.72	2.31	2.04
800	NC [dB (A)]		47	37	29	21
	V [m³/h]			6.2	4.31	3.22
	Ps [Bye]			27	14	9
	Tmin [m]			2.11	1.76	1.52
900	Tmax [m]			3.08	2.61	2.29
	NC [dB (A)]			41	32	25
	Speed v [m / s]			6.97	4.84	3.67
	Ps [Bye]			34	17	10
1000	Tmin [m]			2.38	1.98	1.72
	Tmax [m]			3.43	2.9	2.55
	NC [dB (A)]			44	36	29
	V [m³/h]			7.75	5.38	4.03
1100	Ps [Bye]			41	21	13
	Tmin [m]			2.64	2.2	1.91
	Tmax [m]			3.78	3.19	2.8
	NC [dB (A)]			8.52	39	32
1200	Speed v [m / s]			5.08	5.92	4.43
	Ps [Bye]			29	25	15
	Tmin [m]			2.96	2.42	2.1
	Tmax [m]			4.13	3.49	3.05
1300	NC [dB (A)]			50	41	34
	V [m³/h]				6.46	4.84
	Ps [Bye]				29	17
	Tmin [m]				2.64	2.29
1400	Tmax [m]				3.78	3.31
	NC [dB (A)]				44	37
	Speed v [m / s]				7	5.24
	Ps [Bye]				34	twenty
1500	Tmin [m]				2.86	2.48
	Tmax [m]				4.07	3.56
	NC [dB (A)]				46	39
	V [m³/h]					6.05
1600	Ps [Bye]					26
	Tmin [m]					2.86
	Tmax [m]					4.07
	NC [dB (A)]					43
1700	Speed v [m / s]					6.85
	Ps [Bye]					33
	Tmin [m]					3.24
	Tmax [m]					4.58
1800	NC [dB (A)]					46
	V [m³/h]					7.66
	Ps [Bye]					41
	Tmin [m]					3.62
1900	Tmax [m]					5.08
	NC [dB (A)]					50

- T [m] - range given successively for speeds of 0.50 m / s, 0.25 m / s
- Ps [Pa] - static pressure
- NC [dB] - noise level with assumed room attenuation of 10 dB.