



CA-A-C Round Ceiling Diffuser

ASLI CA-A-C is a type of diffuser consists of several concentric cones that induce concentric flow pattern across the ceiling.

Materials

CA-A-C : 0.8mm aluminium sheet roll formed.

Surface Finish

white powder coated, oven baked.

Standard size Unit : mm

ø 150 - ø 300

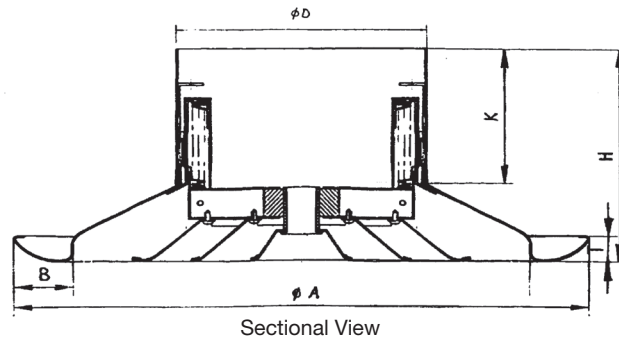
Features

- Designed with removable center core
- Air direction can be set at two angles of deflection

Accessories

- C1 Radial fan blade damper
- C2 Crown damper

CA-A-C Physical Dimension Unit : mm



Model	A	B	D	H	K	T
150	ø 340	35	ø 147	125	80	15
200	ø 440	40	ø 197	135	80	20
250	ø 520	40	ø 247	145	80	20
300	ø 610	45	ø 297	145	80	23

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CA-A-C Performance Data

Neck Size (mm) Neck Area (m ²)	Neck Vel. (m/s)		2.0	2.5	3.0	3.5	4.0	4.5	5.0	6.0
ø 152 (0.0181)	CMH		131	163	196	228	261	294	326	392
	Tot. Press (mmAq)	H	0.2	0.3	0.5	0.7	0.9	1.1	1.4	2.1
		V	0.5	0.8	1.2	1.6	2	2.6	3.2	4.6
	Radius of Diff (M)	H	0.6	0.7	0.8	0.9	1	1.1	1.2	1.3
		V	1.1	1.4	1.7	2	2.3	2.7	3	3.6
	NC	H	-	-	-	26	30	34	36	40
V		-	-	21	26	30	34	36	42	
ø 202 (0.0320)	CMH		231	288	346	403	461	519	576	692
	Tot. Press (mmAq)	H	0.2	0.3	0.5	0.7	0.9	1.1	1.4	2.1
		V	0.5	0.8	1.2	1.6	2	2.6	3.2	4.6
	Radius of Diff (M)	H	0.9	1	1.2	1.3	1.4	1.5	1.7	1.9
		V	1.3	1.6	2	2.3	2.7	3	3.4	4.1
	NC	H	-	-	21	27	31	35	38	43
V		-	-	23	29	33	36	40	45	
ø 252 (0.0499)	CMH		359	448	538	628	718	807	897	1076
	Tot. Press (mmAq)	H	0.2	0.3	0.5	0.7	0.9	1.1	1.4	2.1
		V	0.5	0.8	1.2	1.6	2	2.6	3.2	4.6
	Radius of Diff (M)	H	1	1.2	1.4	1.5	1.7	1.8	2	2.2
		V	1.6	2.1	2.5	3	3.4	3.8	4.3	5.1
	NC	H	-	-	23	29	33	36	39	43
V		-	-	25	30	34	38	40	46	
ø 302 (0.0716)	CMH		515	644	773	902	1031	1159	1288	1546
	Tot. Press (mmAq)	H	0.2	0.3	0.5	0.7	0.9	1.1	1.4	2.1
		V	0.5	0.8	1.2	1.6	2	2.6	3.2	4.6
	Radius of Diff (M)	H	1.2	1.4	1.6	1.8	2	2.1	2.3	2.6
		V	2	2.5	3	3.6	4.1	4.6	5.2	6.2
	NC	H	-	-	24	29	33	37	39	44
V		-	-	27	32	36	39	42	47	

- Radius of diffusion based on terminal velocities of 0.5 m/s-0.25 m/s respectively.
- NC value is based on a room absorption of 10 dB, re 10⁻¹² watts.
- Dash (-) in space indicates NC value less than 20.

CA-A-C Order Code

Model	Accessories	Neck Size
CA-A-C	C1	N 200

Example : CA-A-C + C1 - N 200