

CAC 2 Ceiling Diffuser

Materials

- CAC 2-T: SPGC galvanized steel, mould pressed.
- CAC 2-A: aluminum, mould pressed.

Surface Finish

- Baked white powder coat as standard.

Features

- Face size is 603mm X 603mm or 595mm x 595mm designed for T-bar ceiling mounting.
- Round diffuser: each diffusing cone is mould pressed, no welding joint.

Accessories

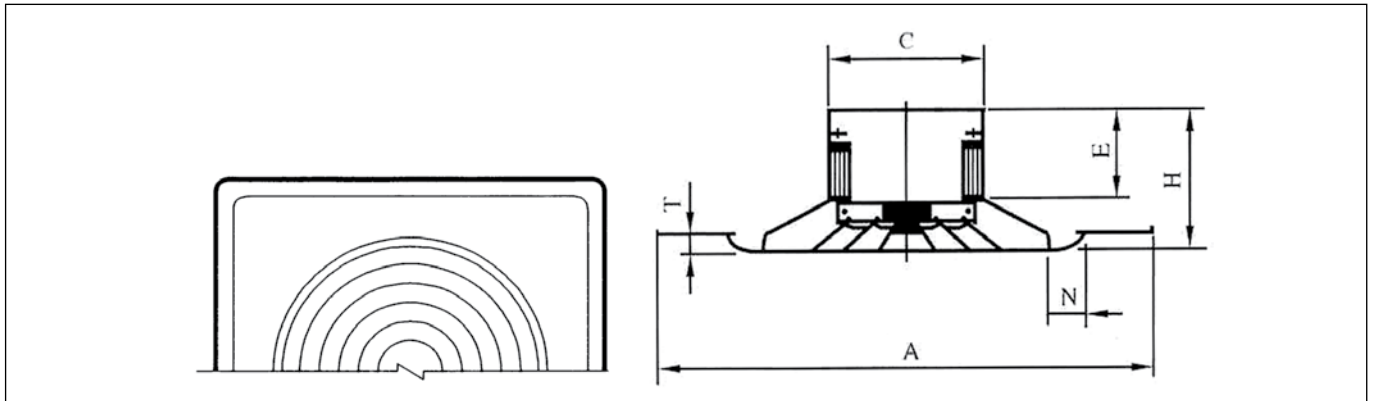
- C1 Radial fan blade damper.

Standard Sizes

- 200ø, 250ø, 300ø, 350ø (mm)



CAC 2 Construction Illustrations



CAC 2 Physical Dimension Unit:mm

C - Neck Size	A - Face Size	H	E	T	N
150	595 x 595 or 603 x 603	125	80	20	40
200		135	80	20	40
250		145	80	20	40
300		145	80	20	40

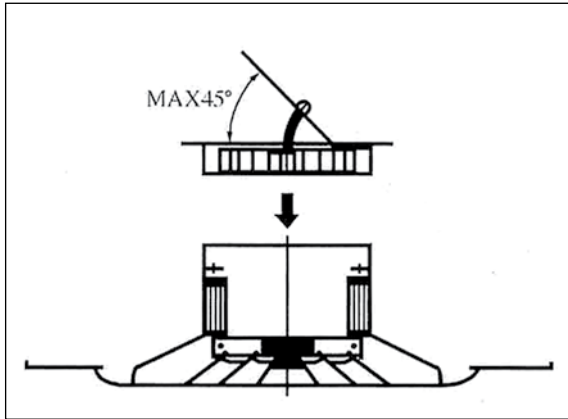
CAC 2 Product Specification Unit:mm

Model	Materials	Surface Finish	Standard Sizes	Accessories	Order Key	
CAC 2-T	SPGC Steel	Baked White Powder Coat	150ø 200ø	C1 Radial Fan Blade Damper	CAC 2 - T + C1 - 200	
CAC 2-A	Aluminium	Baked White Powder Coat	250ø		Materials	Neck Size
			300ø		Model	Accessories

All stated specifications are updated at the printing date and subject to change without notice or obligation. The actual product might differ from pictures shown.

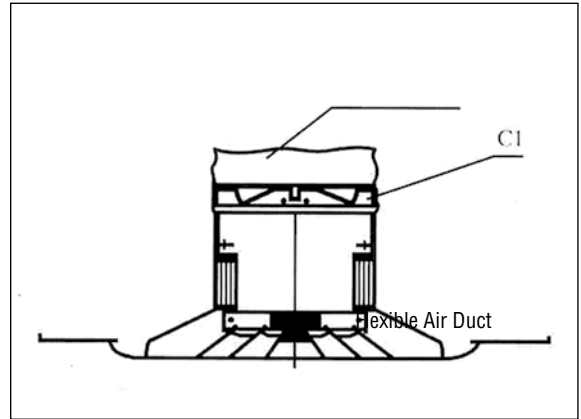
CAC 2 Ceiling Diffuser

■ CAC 2 C/W C3 Guide Vanes Round Neck



■ CAC 2 + C1 Radial Fan Blade Damper

- The C1 radial fan blade damper is a volume control adjustable from below by means of key or screw driver.
- Mould pressed galvanized steel with matt black as standard finish.



■ CAC 2 Performance Data

Neck Size mm Neck Area m ²	Neck Vel. (m/s)		2	2.5	3	3.5	4	4.5	5	6
150 (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	
200 (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	
250 (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	
300 (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.