CAC Ceiling Diffuser

Materials
- CAC-T: 0.6mm SPGC galvanized steel, mould pressed.
- CAC-P: injection moulded ABS Plastic.
- CAC-A: aluminum.

Surface Finish
- Baked white powder coat as standard.
- CAC-P: white colour.

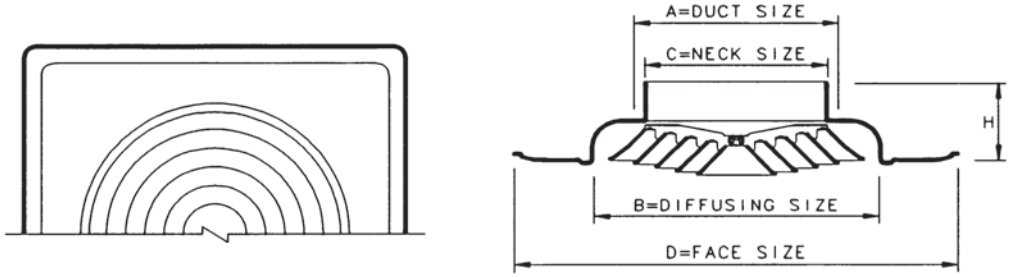
Features
- Face size is 603mm X 603mm designed for T-bar ceiling mounting.
- Round diffuser: each diffusing cone is mould pressed, no welding joint.

Accessories
- C1 Radial fan blade damper.
- C2 Crown damper.

Patent No
- 574406

Standard Sizes
- 200ø, 250ø, 300ø, 350ø(mm)

CAC Construction Illustrations



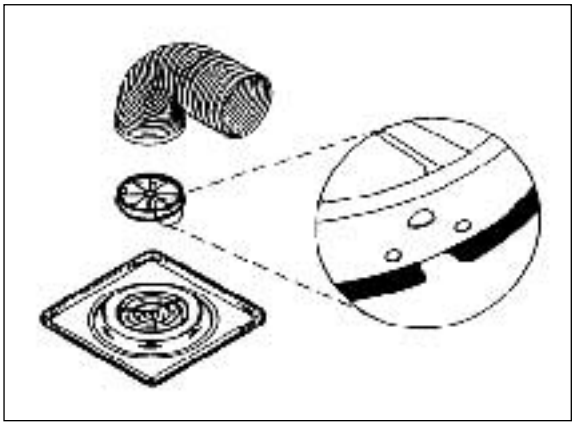
CAC Physical Dimension Unit:mm

C - Neck Size	A - Duct Size	B - Diffusing Size	D - Face Size	H - Height
200	210	400	603 x 603	79
250	260			
300	310			
350	360	455		

CAC Product Specification Unit:mm

Model	Materials	Surface Finish	Standard Sizes	Accessories	Order Key
CAC-T	0.6 SPGC Steel	Baked White Powder Coat	200ø 250ø 300ø 350ø	C1 Radial Fan Blade Damper C2 Crown Damper	CAC - T + C1 - 200 Model / Materials / Accessories / Neck Size
CAC-P	ABS Plastic	White			

CAC Ceiling Diffuser

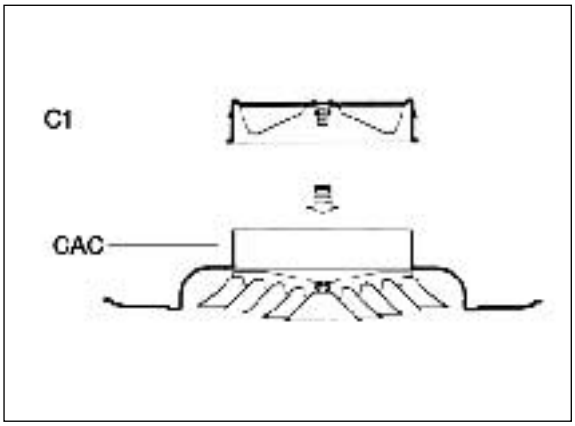


■ CAC Round Neck

- The CAC round neck diffuser is fixed to 2x2 ceiling to provice easy installation to round outlet.

■ CAC + 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, 0.6mm thick galvanized steel with matt blade as standard finish.
- Height for CAC + C1 = 79mm.



■ CAC Performance Data

Neck Size mm Neck Area m^2	Neck Vel. (m/s)	2	2.5	3	3.5	4	4.5	5
200 (0.0324)	CMH	233	292	350	408	467	525	583
	Tot. Press(mmAq)	1.0	1.5	1.9	2.2	2.4	3.1	3.7
	Throw(M)	0.6 - 1.0	0.7 - 1.6	0.8 - 1.8	1.0 - 2.2	1.2 - 2.5	1.5 - 2.8	1.8 - 3.0
	NC	-	-	-	22	26	28	32
250 (0.0507)	CMH	365	456	548	640	730	820	913
	Tot. Press(mmAq)	1.0	1.6	2.0	2.2	2.4	3.3	4.0
	Throw(M)	0.6 - -1.3	0.9 - 1.8	1.3 - 2.2	1.6 - 2.6	2.2 - 3.0	2.3 - 3.5	2.4 - 4.0
	NC	-	-	22	26	28	30	35
300 (0.0731)	CMH	526	658	790	920	1052	1158	1315
	Tot. Press(mmAq)	1.1	1.7	2.1	2.3	2.6	3.5	4.2
	Throw(M)	0.8 - 1.8	1.3 - 2.4	1.6 - 2.8	1.9 - 3.3	2.3 - 3.6	2.5 - 4.1	2.8 - 4.7
	NC	-	-	23	28	29	32	36
350 (0.979)	CMH	705	881	1057	1234	1410	1585	1762
	Tot. Press(mmAq)	1.1	1.7	2.1	2.3	2.5	3.4	4.1
	Throw(M)	1.2 - 2.0	1.6 - 2.6	1.8 - 3.1	2.1 - 3.6	2.5 - 4.2	2.8 - 4.8	3.4 - 5.4
	NC	-	-	23	26	27	31	36

- Throw is 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.