

# CP Plate Type Round Ceiling Diffuser



**ASLI CP** is a type of diffuser consists of a disc face. It allows for smooth, quiet air flow that flows out in a concentric pattern across the ceiling.

## Materials

**CP-T** : 0.8mm galvanized steel.

## Surface Finish

White powder coat, oven baked as standard.

## Standard size *Unit : mm*

ø 150 / ø 200 / ø 250 / ø 300

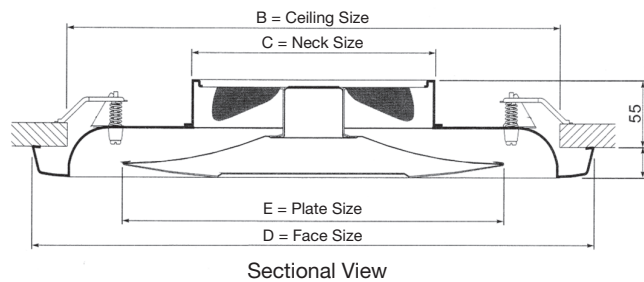
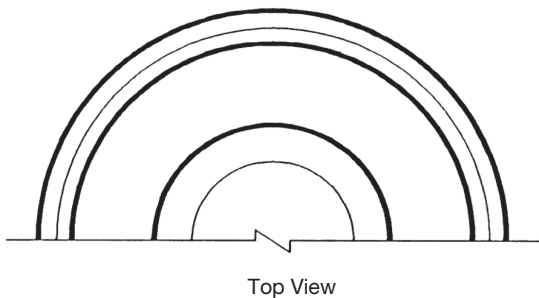
## Features

- Press out.
- Disc shaped allows for up and down adjustment.
- Air deflection angle can be adjusted by rotating the central disc.

## Accessories

- C1 Radial fan blade damper
- C2 Crown damper

## CP Physical Dimension *Unit : mm*



Model	C Neck Size	B Ceiling Size	D Face Size	E Plate Size	H - Height	
					min	max
150	150	310	335	200	21	37
200	200	410	460	310	28	44
250	250	410	460	310	28	44
300	300	410	460	310	28	44

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## CP Performance Data

Neck Size (mm) Neck Area (m <sup>2</sup> )	Neck Vel. (m/s)	2.0	3.0	4.0	5.0	6.0	7.0	8.0
ø 150 (0.0182)	CMH	130	196	262	328	393	460	525
	Tot. Press (mmAq)	1.3	1.8	3.1	4.5	6.8	9.1	11.5
	Throw(M)	2.4 - 3.1	3.7 - 5.1	4.8 - 6.8	6.0 - 8.5	7.0 - 10.0	8.6 - 11.8	9.9 - 13.5
	NC	-	-	22	29	32	36	41
ø 200 (0.0324)	CMH	233	350	467	583	700	816	933
	Tot. Press (mmAq)	1.2	1.5	2.6	3.9	5.5	7.8	10.2
	Throw(M)	3.6 - 5.0	4.7 - 6.8	6.5 - 9.1	8.0 - 11.2	9.5 - 13.5	11.2 - 15.9	13.0 - 18.2
	NC	-	-	21	27	32	36	40
ø 250 (0.0507)	CMH	365	548	730	913	1095	1280	1460
	Tot. Press (mmAq)	1.2	1.5	2.5	3.6	5.2	7.2	9.4
	Throw(M)	4.8 - 6.8	6.0 - 8.5	8.0 - 11.4	10.2 - 14.1	12.2 - 17.2	14.2 - 19.1	16.1 - 22.0
	NC	-	-	-	25	31	35	39
ø 300 (0.0731)	CMH	526	790	1052	1315	1580	1842	2105
	Tot. Press (mmAq)	1.1	1.4	2.3	3.4	5.1	6.8	9.0
	Throw(M)	6.0 - 8.2	7.2 - 10.2	9.7 - 13.5	12.2 - 17.1	14.5 - 20.1	17.0 - 24.0	19.2 - 26.8
	NC	-	-	-	24	30	34	38

- 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<sup>-12</sup> watts.
- Dash (-) in space indicates NC value less than 20.

## CP Order Code

Model	Accessories	Neck Size
CP	C1	200

Example : CP + C1 - N 200