

ROUND CEILING DIFFUSER

FEATURES

- KYODO series PC Round ceiling diffusers are designed for both heating and cooling application as well as for marine vessels.
- Its hi-tech appearance makes it most popular with latest design trend.
- The air pattern delivers effective room air distribution, even when the volume varies over a wide range.
- Uniform, 360 degree horizontal air pattern, with minimum noise and pressure drop.
- Gravity lock arrangement permits easy removal of inner panel.
- A gang operated radial blades volume damper (SED II) is used for easy adjustment from room side by screwdriver.
- Constructed of aluminium.

MODEL: PC



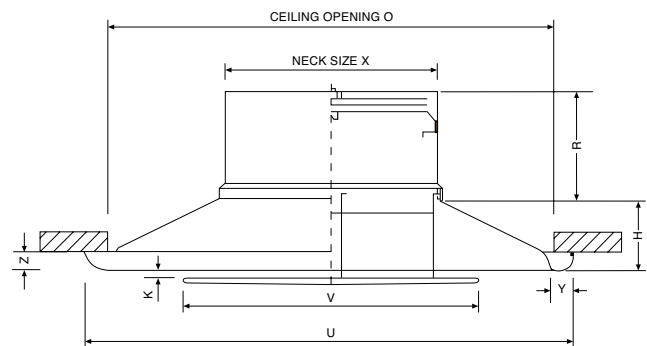
FINISH

Standard finish in baked white enamel.
Other colours are available on request.

ACCESSORIES

Air Volume Control Damper:

- Radial Type (SED II) for Neck Size from $\text{Ø}150$ to $\text{Ø}300$.



DIMENSION

No.	U	V	O	X	K	H	R	Y	Z
15	345	220	317	152	3	50	110	20	10
20	453	290	422	202	3	61	110	25	15
25	569	375	528	256	3	83	110	25	19
30	695	445	642	302	3	85	110	30	20

Dimensions are in mm.

TECHNICAL PERFORMANCE DATA

MODEL: PC

NECK SIZE (mm)	CAP l/s	50	60	70	80	90	100	110	120	130	140	150	200	250	300	350	400	450	500	
150 dia	S. P. NR THROW																			
		(Data will be furnished upon request)																		
200 dia	S. P. NR THROW									25 18 2.1	31 21 2.3	36 23 2.5	61 31 3.0	90 38 3.3	126 43 3.5	169 48 3.7				
250 dia	S. P. NR THROW											20 13 1.6	36 25 2.1	57 31 2.7	81 38 3.4	108 42 3.7	139 47 3.9			
300 dia	S. P. NR THROW													29 19 2.4	39 26 2.9	53 31 3.3	70 37 3.5	85 40 3.8	105 45 3.9	

- Result of performance is tested under NATA
- SP – Static Pressure drops are in Pascals
- NR – Noise rating in dB re 10⁻¹² watts. Room correction of -10dB
- CAP – Capacity of flow in litre per second
- Throw – Throw at 0.5 m/s Terminal Velocity in metres (as per ADC 1062 R3)