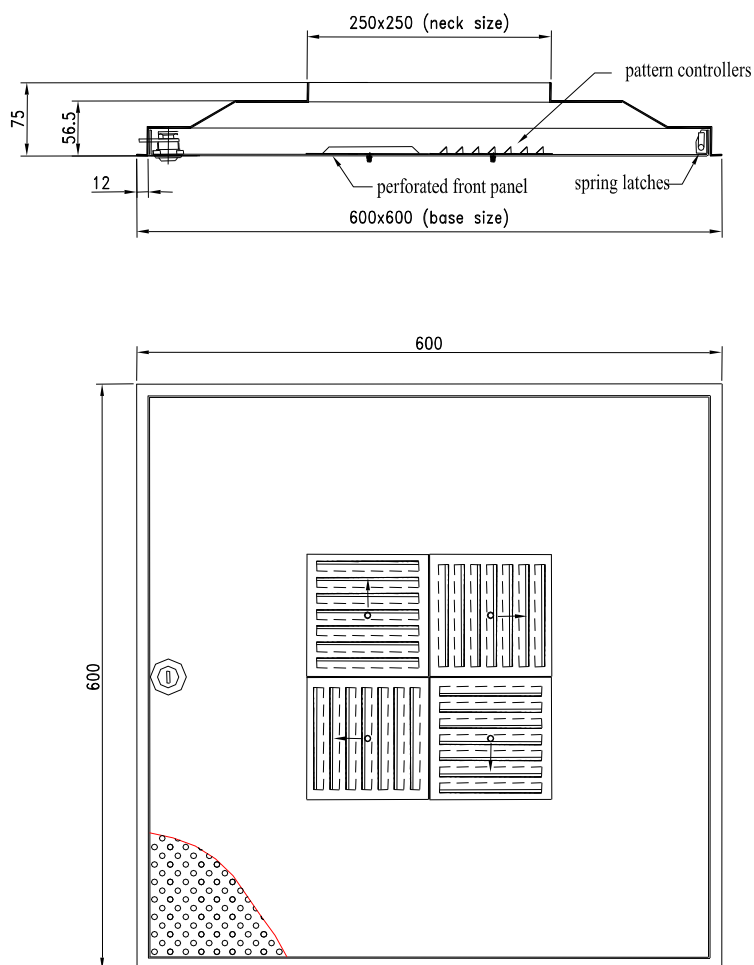


Model PCD Perforated Ceiling Diffuser



Features

- Hinged type perforated front panel enables cleaning of the diffuser.
- Pattern controller for 1 – 4 ways diffusion.
- Easy to install and adjust.

Finish

- Steel construction for perforated front panel.
- Aluminium construction for diffuser frame.
Standard finish is gloss / matt white baked enamel coating. Special colour finishes are available to match architectural requirements.

Accessories

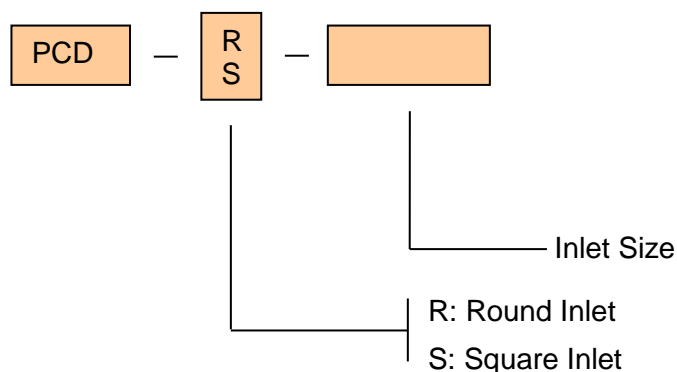
- Opposed blade damper.
Allow for smooth volume control from fully open to fully close. Smooth operation by turning a single adjustment screw.
Damper manufactured in steel.

Model PCD diffuser are recommended for heating, ventilating, and cooling. Design for surface mounting in all types of ceiling. Provides a displacement system giving improved air quality and lower temperatures in the occupied zone. The perforated distribution plate provides a constant air distribution over the entire face area without any risk of draught.

Model PCD Perforated Ceiling Diffuser



Order Code



Dimension

Model	W (mm)	H (mm)	Inlet size (mm)
PCD-S-250250	600	600	250 x 250
PCD-S-300300	600	600	300 x 300
PCD-S-350350	600	600	350 x 350
PCD-R-250	600	600	Dia. 200
PCD-R-300	600	600	Dia. 250
PCD-R-350	600	600	Dia. 300

Model PCD Perforated Ceiling Diffuser



Performance Data with flow pattern controller

Neck size (mm)	Velocity Pressure (Pa)		2.5	4	6	8	10	13
	Total	Horizontal	5	9	12	16	21	27
	Pressur	Vertical	7	11	16	21	27	35
250 x 250	m3/s		0.1	0.13	0.16	0.18	0.21	0.23
	Throw (m)		.5-1-1.5	1.-1.-2.	1-1.5-2	1.-2.-3.	1-2.3-5	1.5-2.5-4
	NC Value		-	16	21	24	29	32
300 x 300	m3/s		0.15	0.18	0.22	0.26	0.3	0.33
	Throw (m)		1.-1.-2.	1.-1.5-2	1.-2.-3.	1.5-2-3.5	1.5-2.5-4	2.-3.-5.
	NC Value		-	17	22	26	30	34
350 x 350	m3/s		0.2	0.25	0.3	0.35	0.4	0.45
	Throw (m)		1-1.5-2.5	1.-2.-3.	1.5-2.5-3.5	1.5-2.5-4	2.-3.-5.	2.5-3.5-6
	NC Value		-	18	23	27	31	35

NOTES ON PERFORMANCE DATA:

Throw value shown are based on terminal velocities of 0.75m/s, 0.5m/s, 0.25m/s.

NC values are based on room attenuation of 10 dB when 10^{-12} watts is used as a reference.