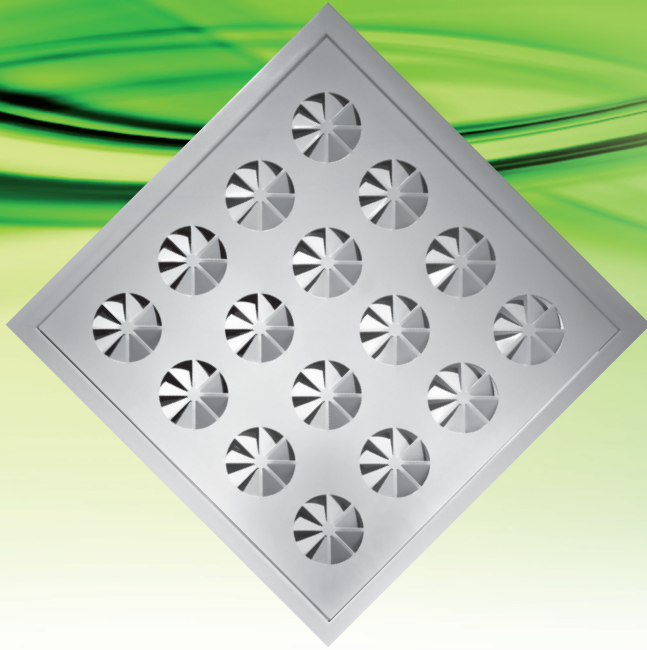


SW-MO (16) Multiple Outlet Type Swirl Ceiling Diffuser



ASLI SW-MO (16) is a type of diffuser with fixed radially air control blades in matrix arrangement. This unique type of slots combines the characteristic of jet and swirl diffuser. Internally, each single opening against each other and develops a vertical direction of flow. However, “vortex” air flow produced omits and withdraws direct throw and develops flow in horizontal direction. The balance between these two characteristics allows a high change of air rates and remove heat load effectively, especially at the occupied level. It is suitable for rapid cooling and mixing with room air. The **SW-MO (16)** swirl diffuser can also be used as a return and exhaust type device.

Materials

0.7mm thickness galvanized steel.

Surface Finish

White powder coated, oven baked.
Others available upon request.

Standard size *Unit : mm*

595 x 595 / 603 x 603

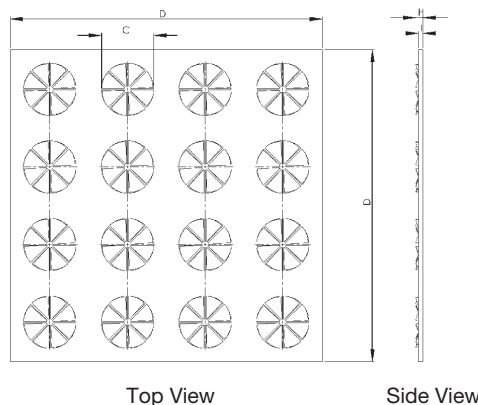
Features

- Spinning air flow pattern induces high air change rate.
- Suitable for high cooling loads due to its induction ability.
- Generate vertical envelop that cool the occupied level effectively.
- Multiple outlets.
- Standard size available for T-bar ceiling on metric or imperial size.

Accessories

- C1 Radial fan blade damper
- C2 Crown damper
- D2 Adapter
- G1 Opposed blade damper
- PB-S Plenum box side entry
- PB-T Plenum box top entry

SW-MO (16) Physical Dimension *Unit : mm*



D	C	H
595	100	35
603		

SW-MO (16) Multiple Outlet Type Swirl Ceiling Diffuser

SW-MO (16) Construction Illustrations



SW-MO (16) Air Flow Performance Data

Inlet Diameter (mm)	Collar Neck Vel.(m/s)	1.5	2.0	2.5	3.0	3.5	4.0	4.5	5.0	5.5	6.0
	Vel. Press (mmAq)	0.2	0.3	0.4	0.6	0.8	1.0	1.3	1.6	1.9	2.3
Ø 150	CMH	97	129	161	194	223	254	286	318	350	382
	Tot. Press (mmAq)	0.1	0.4	0.5	0.6	0.8	1.4	1.8	2.1	2.7	3.1
	NC	-	-	-	21	24	29	31	35	38	42
	Throw (m)	0.3	0.5	0.6	0.65	0.71	0.8	0.86	0.94	1.0	1.1
Ø 200	CMH	172	230	287	344	396	452	509	565	622	679
	Tot. Press (mmAq)	0.4	0.6	0.8	1.0	1.4	1.9	2.1	2.5	3.2	3.7
	NC	-	20	22	25	28	32	35	38	41	44
	Throw (m)	0.6	0.70	0.75	0.79	0.85	0.94	1.02	1.13	1.2	1.25
Ø 250	CMH	269	359	449	538	619	707	795	884	972	1060
	Tot. Press (mmAq)	0.7	0.8	1.0	1.3	1.7	2.1	2.5	2.7	3.6	4.2
	NC	-	22	25	27	31	35	39	41	44	48
	Throw (m)	0.6	0.8	0.85	1.0	1.05	1.1	1.18	1.28	1.35	1.45
Ø 300	CMH	388	517	646	775	891	1018	1145	1272	1400	1527
	Tot. Press (mmAq)	1.0	1.2	1.3	1.7	2.0	2.5	3.0	3.4	4.3	5.0
	NC	20	25	29	31	35	38	41	44	47	50
	Throw (m)	0.78	0.86	0.97	1.1	1.17	1.25	1.35	1.42	1.50	1.65

- Throw is based on terminal velocities of 0.5m/s and 0.25m/s respectively
- Throw is based on isothermal condition
- NC value is based on room absorption of 10dB, re 10⁻¹² watts
- Dash (-) in space indicates NC value less than 20

SW-MO (16) Order Code

Model	Accessories	Face Size	Neck Size
SW-MO(16)	C1	B 603 x 603	N 200

Example : SW-MO(16) + C1 - B 603 x 603, N 200