

Swirl Diffusers
B-40series
Type: Swirl Diffuser
Model: SWD - B41-24D/48D
Construction: Galvanized / Aluminium
Model : SWD - B40-24D/48D
Fixing Blades Quantity:
24 Blades - Model : SWD-B-41-24D
48 Blades - Model : SWD-B-41-48D
Description

Diffuser is made of galvanized sheet steel, powder coated and fixed with easily rotatable plastic blades.

The slotted circular face design with easily adjustable plastic blades provides both horizontal and vertical projection of air discharge all over the occupant area.

The efficient swirl creates high induction levels, thereby rapidly reducing the temperature difference and airflow velocity. Individually adjustable air control elements to meet individual local requirements for supply and extract air. It fits perfectly in the ceiling space where the ceiling file was originally placed. The production of these unusually contoured blades is only possible by the use of high-quality plastics and applying innovative production technology. The round swirl diffuser is widely used in big space which higher than 4.2 Meters.

Standard Construction Details
Diffuser

1.2 mm Galvanized steel sheet.

Deflectors

rotatable type plastic diffusers.

Module

595 x 595 mm.

Finish

Available with RAL powder coating, please specify color.

Optional Construction
Plenum chamber

Plenum is available with circular, square or rectangular spigots in either top or side entry applications.

Casing

0.7 mm thick galvanized steel.

Insulation

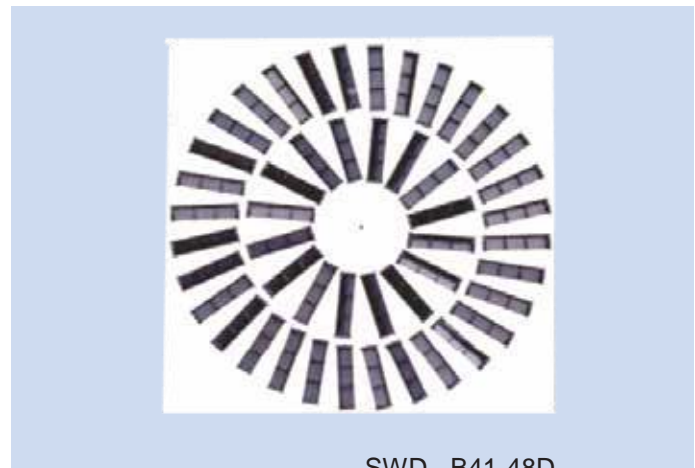
 Acoustic liner of 13 mm thickness, 32 kg/m³ density.

Finish

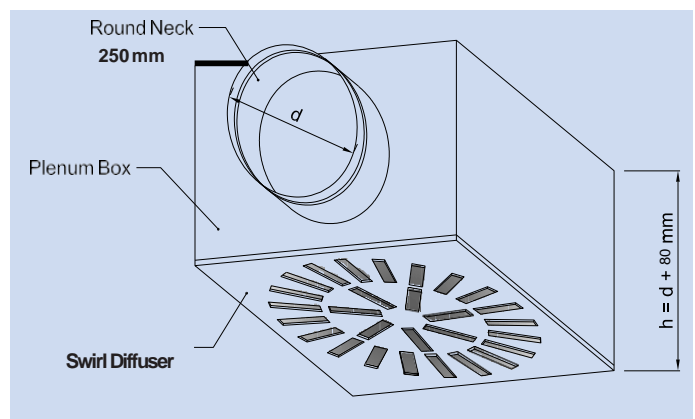
Mill finish.



SWD - B41-24D



SWD - B41-48D



Size	CFM	186	234	280	327	374	419	464	511	566
600x600	Velocity	400	500	600	700	800	900	1000	1100	1200
	Ps in wg.	0.01	0.02	0.03	0.049	0.06	0.08	0.09	0.11	0.14
	Throw	4.2-6.5	6-8.5	6.8-10.4	7.8-11.8	8.5-14	10.1-15.4	11.8-17.7	13.7-20.3	16.4-22.3
	NC	<15	18	23	28	31	35	39	43	50

Note :

Velocity in FPM, Static Pressure (Ps) in inch. w.g, Throw in Feet , NC is the Noise Criteria, level of noise in dBA.

Selected Products of the company have been Classified / Listed / Tested by various international testing authorities.

