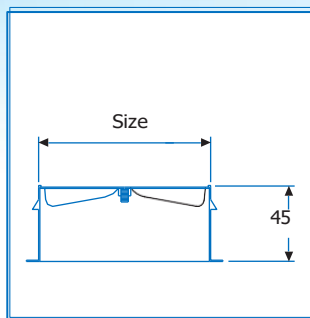


CEILLING DIFFUSERS ACCESSORIES



C1 Radial Fan Blade Damper

Materials

0.6mm SPGC galvanized steel.

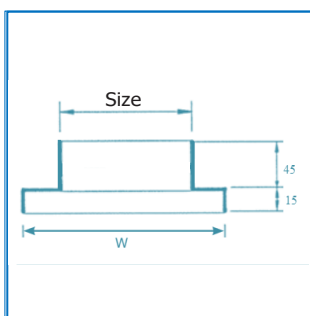
Surface Finish

Collar : Black powder coated, oven baked as standard.

Blade : Galvanized finish.

Standard Sizes Unit : mm

ø150 / ø200 / ø250 / ø300 / ø350



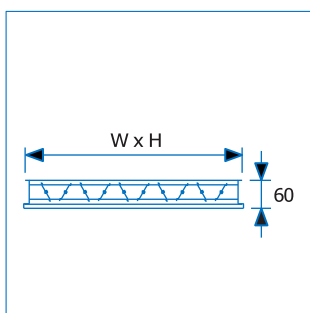
D2 Adapter

Materials

0.6mm galvanized steel.

Surface Finish

Black powder coated, oven baked as standard.



G1 Opposed Blade Damper

Materials

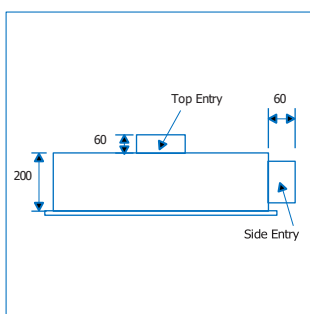
Frame: 0.6mm SPGC galvanized steel

Blade : 0.5mm SPGC galvanized steel

Surface Finish

Black powder coated, oven baked as standard.

*Maximum dimension is 500mm x 500mm damper size bigger than this will come in sections can be set at fully open, half open & fully close.



PB Plenum Box

Materials

0.5mm galvanized steel.

Surface Finish

Electrogalvanized mill finish as standard.

Oval Dimension		
Diameter Oval (inch)	Width	Height
6	175	89
8	247	105
10	308	129
12	378	159

CEILLING DIFFUSERS ACCESSORIES



C2 Crown Damper

Materials

0.6mm thickness galvanized steel.

Surface Finish

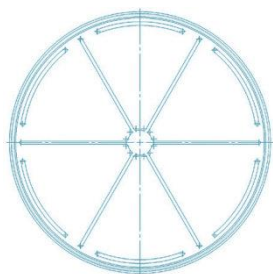
Black powder coat, oven baked as standard.

Standard Sizes Unit : mm

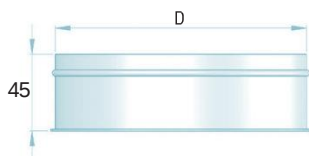
150ø / 200ø / 250ø / 300ø

Features

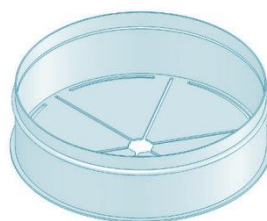
- Six blades can be adjusted to control the damper opening without using any tools.
- Maximum effective (free) area percentage.
- Low noise level.
- Uniform air flow pattern.
- Standard C2 installation with blades bending upwards, (inverted upon request)



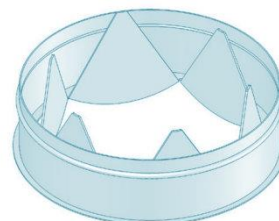
Top View



Side View

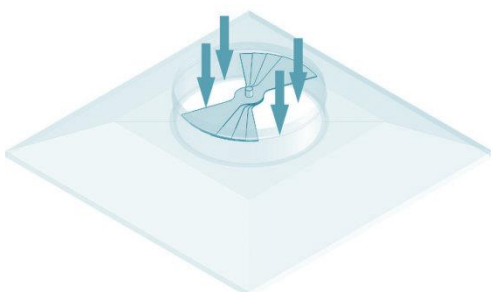


Fully Close

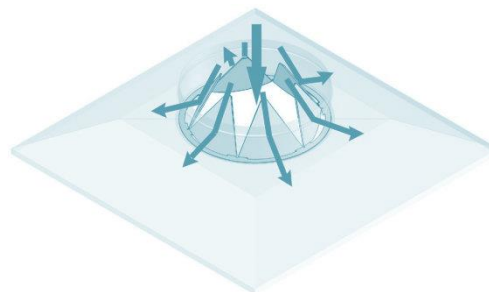


Fully Open

Comparison Of Radial Fan Blade Damper And Crown Damper



Adaptor diffuser langit-langit dengan peredam bilah kipas radial, yang aliran udaranya terkonsentrasi di bagian tengah diffuser. Area bebasnya adalah 70% saat bilah kipas terbuka penuh.



Adaptor diffuser langit-langit dengan peredam mahkota (C2), yang aliran udaranya telah didistribusikan ke setiap sudut diffuser. Area bebasnya adalah 95% saat bilah terbuka penuh.

Peredam mahkota memiliki area bebas yang lebih luas dan mendistribusikan udara secara lebih merata dibandingkan peredam bilah radial. Hal ini memastikan udara yang disuplai terdistribusi secara merata ke seluruh area penumpang sekaligus mengurangi tingkat kebisingan. Silakan lihat diagram di atas.

Apply the following factor for C2 & PB :

	C2	C1 / PB
Tot. Press	X 1.1	X 1.2
NC	+ 2	+ 2
Throw	X 0.9	X 0.85

RECOMMENDED NOISE CRITERIA FOR ROOMS

Type of Area	Range of NC
RESIDENCES	
Private homes (rural and suburban)	20-30
Private homes (urban)	25-35
Apartment houses, 2-and 3-family units	30-40
HOTELS	
Individual rooms or suites	30-40
Ballrooms, banquet rooms	30-40
Halls and corridors, lobbies	35-45
Garages	40-50
Kitchens and laundries	40-50
HOSPITALS AND CLINICS	
Private rooms	25-35
Operating rooms, wards	30-40
Laboratories, halls and corridors	
Lobbies and waiting rooms	35-45
Washrooms and toilets	40-50
OFFICES	
Board room	20-30
Conference rooms	25-35
Executive office	30-40
Supervisor office, reception room	30-45
General open offices, drafting rooms	35-45
Halls and corridors	35-50
Tabulation and computation	40-60
AUDITORIUMS AND MUSIC HALLS	
Concert and opera halls	15-25
Studios for sound reproduction	25-30
Legitimate theaters, multi-purpose halls	
Movie theaters, TV audience studios	
Semi-outdoor amphitheaters	30-35
Lecture halls, planetarium	
Lobbies	35-45

Type of Area	Range of NC
CHURCHES AND SCHOOLS	
Sanctuaries	20-30
Libraries	30-40
Schools and classrooms	30-40
Laboratories	35-45
Recreation halls	35-50
Corridors and halls	35-50
Kitchens	40-50
PUBLIC BUILDINGS	
Public libraries, museums, court rooms	30-40
Post office, general banking areas, lobbies	35-45
Washrooms and toilets	40-50
RESTAURANTS, CAFETERIAS, LOUNGES	
Restaurants	35-45
Cocktail lounges	35-50
Night clubs	35-45
Cafeterias	40-50
STORES, RETAIL	
Clothing stores	
Department stores (upper floors)	35-45
Department stores (main floor)	40-50
Small retail stores	
Supermarkets	40-50
SPORTS ACTIVITIES, INDOOR	
Coliseums	30-40
Bowling alleys, gymnasiums	35-45
Swimming pools	35-45
TRANSPORTATION (RAIL, BUS, PLANE)	
Ticket sales offices	30-40
Lounges and waiting rooms	35-50