ADC 1062 : GRD-84

Australian Standard
AS 1217.2-1985

Stream Air®

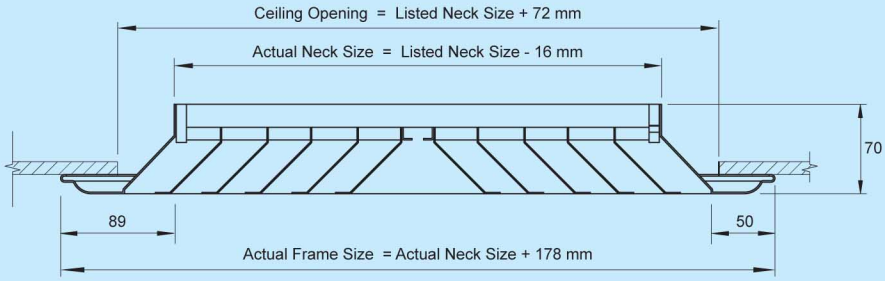
ISO 9001:2008 Certified
Certificate No. FM 509124

Air Outlets

Round Ceiling Diffuser

One type : RND, constructed of aluminum sheet mechanically spun in ring pattern for distribution of air in radial direction. Aluminum surface polishing in hairline style and powder finish are available. Suitable for all styles of ceiling installation for supply of cooling air distribution in radial direction from ceiling, especially for luxury rooms.

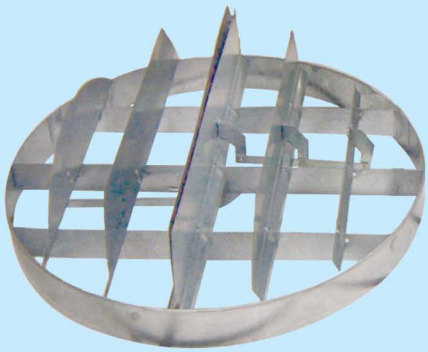
Type : RND

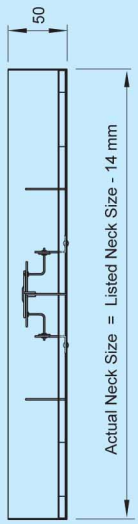


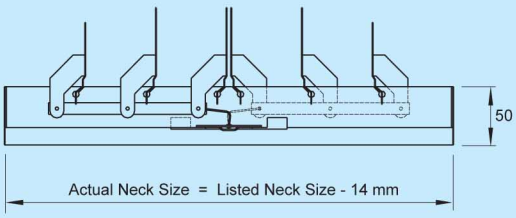
Round Ceiling Diffuser Damper

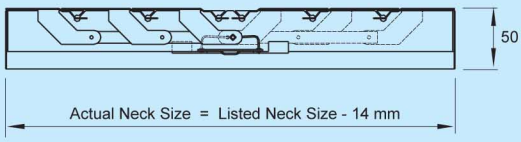
One type : RNDD, constructed of steel sheet, blades can be adjusted from full open to full close in butterfly pattern for high effectiveness in air volume control performance, tightly hold position settings regardless of air velocity and pressure, easy removing and mounting from/to Round Ceiling Diffuser. galvanized steel sheet without and with powder finish are available. Applications for mounting to Round Ceiling Diffuser for adjusting air distribution quantity.

Type : RNDD









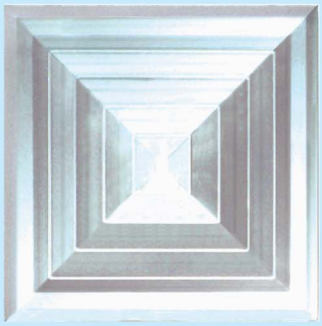
(Measurement : mm)

Square Ceiling Diffuser

Two types : SCD (Ordinary Face), and SCX (Extra Face), constructed of extruded aluminum, removable core for easy service and installation. 1, 2, 3 and 4 way air patterns, anodized and powder finish are available. Suitable for all styles of ceiling installation for supply 1, 2, 3 and 4 way(s) of cooling air distribution from ceiling.

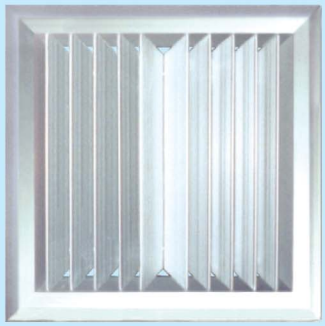
Ordinary Face

Type : SCD



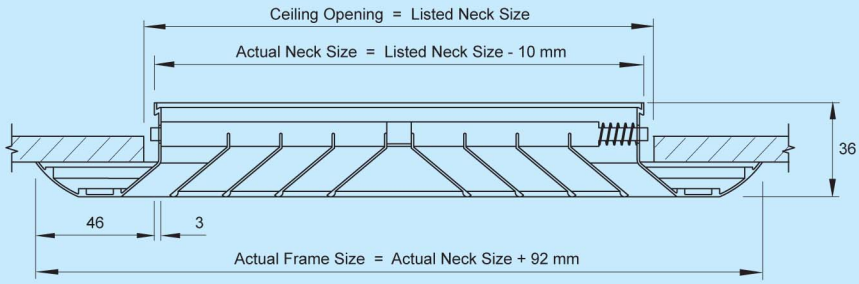
4-SCD

3-SCD



2-SCD

1-SCD



Extra Face

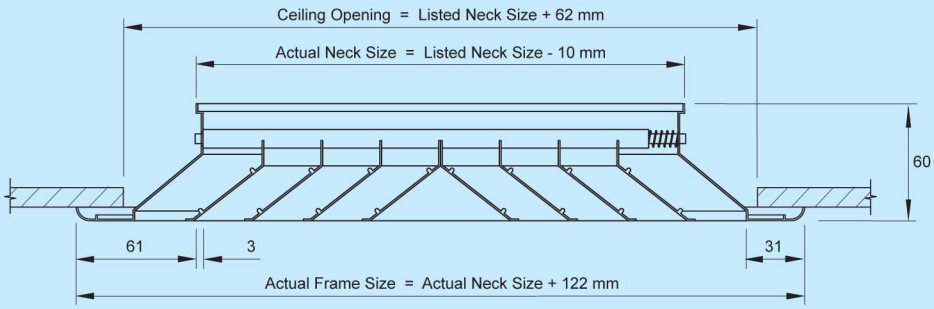
Type : SCX

4-SCX

3-SCX

2-SCX

1-SCX



(Measurement : mm)

Rectangular Ceiling Diffuser

Two types : RCD (Ordinary Face) and RCX (Extra Face), constructed of extruded aluminum, removable core for easy service and installation, suitable for all styles of ceiling installation, 1, 2, 3 and 4 way air patterns, anodized and powder finish are available. Suitable for all styles of ceiling installation for supply 1, 2, 3 and 4 way(s) of cooling air distribution from ceiling.

Ordinary Face

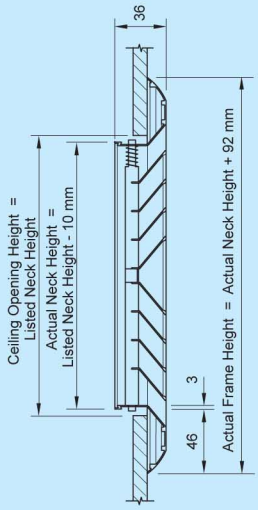
Type : RCD

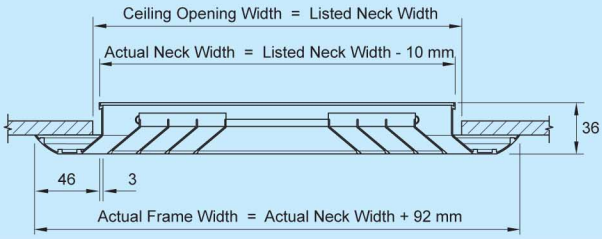
4-RCD

3-RCD

2-RCD

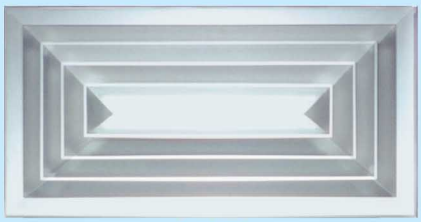
1-RCD



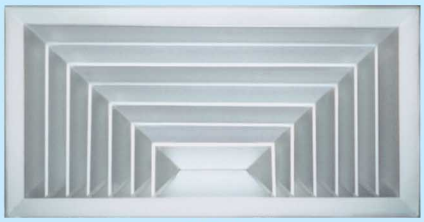


Extra Face

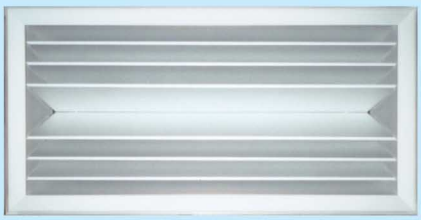
Type : RCX



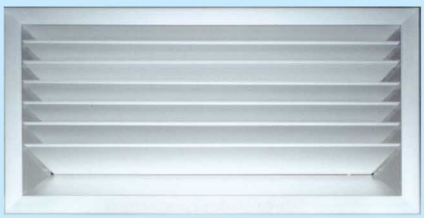
4-RCX



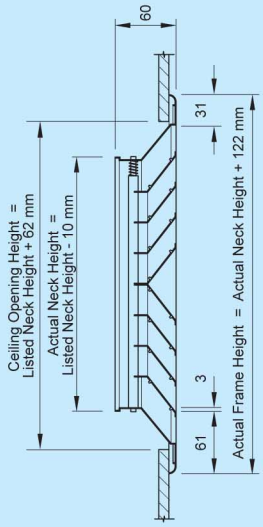
3-RCX

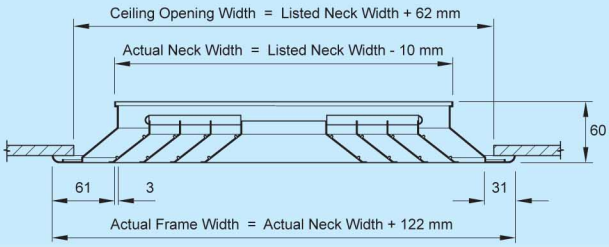


2-RCX



1-RCX





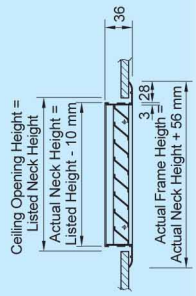
(Measurement : mm)

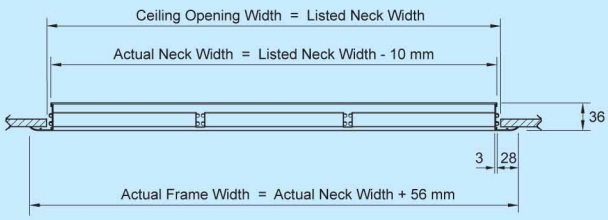
Air Grille (1” Z-Blade)

Four types : AGF1 (Fixed Core), AGR1 (Removable Core), AGH1 (Hinged Core), and AGT1 (T-bar Lay-in), constructed of extruded aluminum, fixed 1” Z-blades make it has more strength and more net free area. Anodized and powder finish are available. Suitable for all styles of ceiling and sidewall installation for return, exhaust, fresh and transfer air from/to both ceiling and sidewall.

Fixed Core

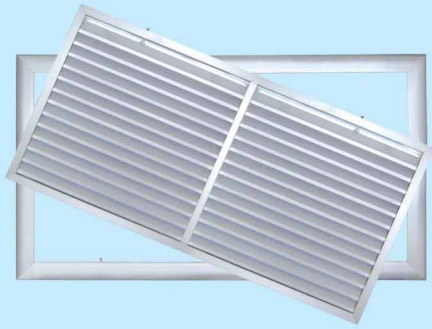
Type : AGF1

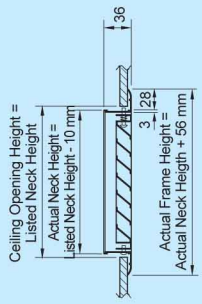


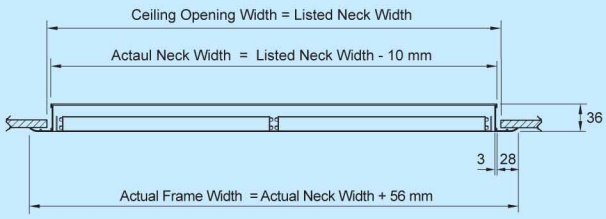


Removable Core

Type : AGR1

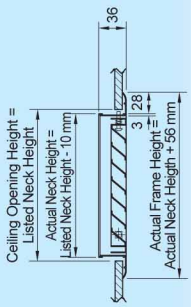


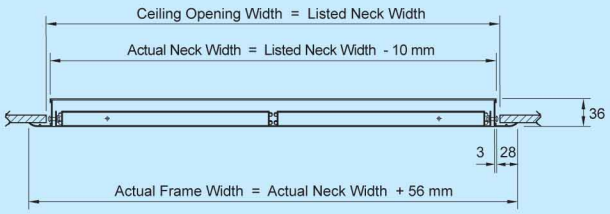




Hinged Core

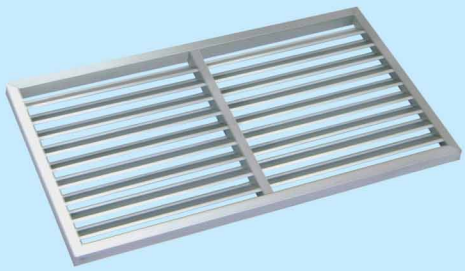
Type : AGH1

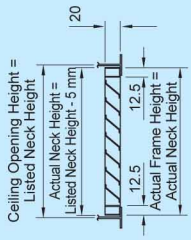


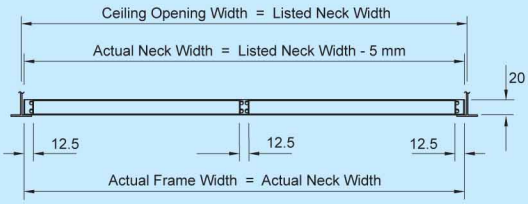


T-bar Lay-in

Type : AGT1







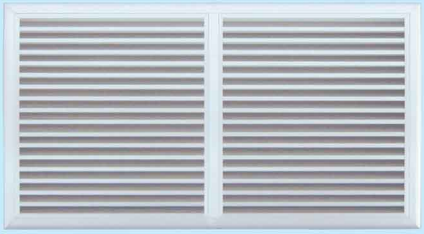
(Measurement : mm)

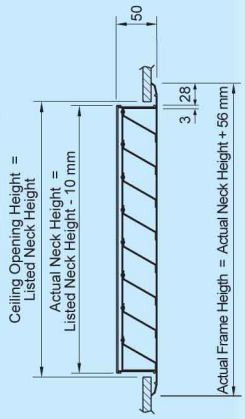
Air Grille (2” Z-Blade)

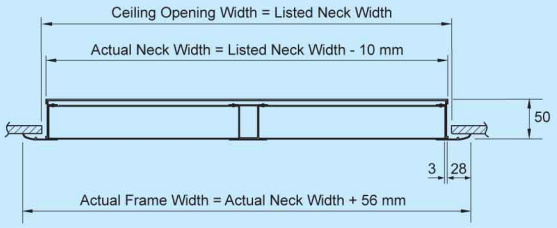
Four types : AGF2 (Fixed Core), AGR2 (Removable Core), AGH2 (Hinged Core) and AGT2 (T-bar Lay-in), constructed of extruded aluminum, fixed 2” Z-blades make it has more strength, more net free area and low water penetration rating. Anodized and powder finish are available. Suitable for all styles of ceiling and sidewall installation for return, exhaust, fresh and transfer air from/to both ceiling and sidewall. It is also suitable for some outdoor installation for air ventilation with low water penetration rating.

Fixed Core

Type : AGF2

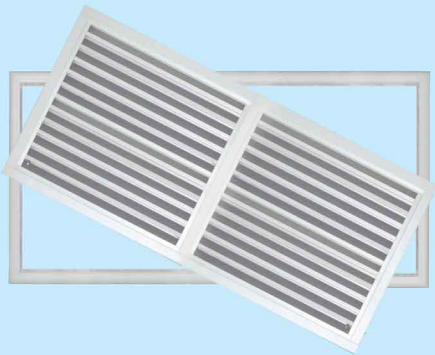


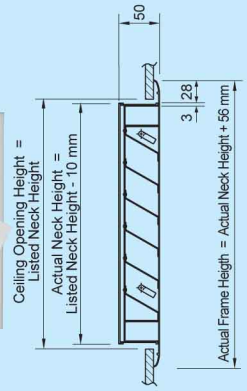


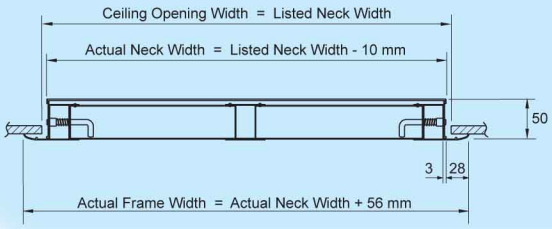


Removable Core

Type : AGR2

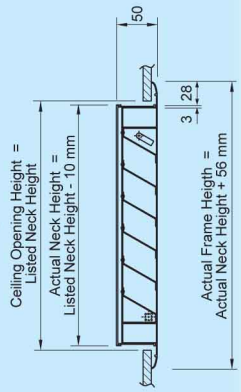


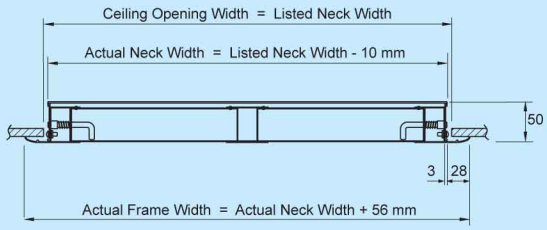




Hinged Core

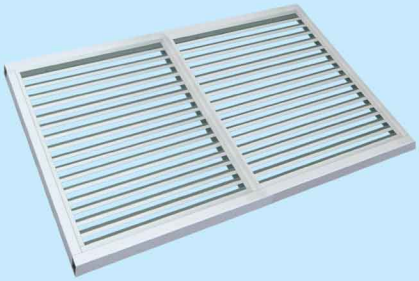
Type : AGH2

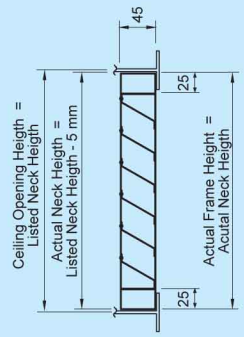


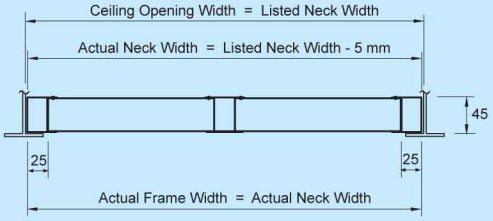


T-bar Lay-in

Type : AGT2







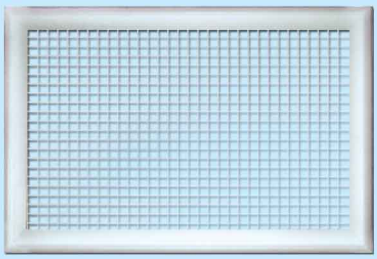
(Measurement : mm)

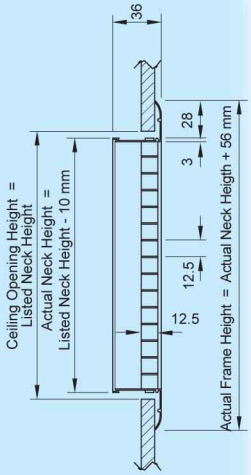
Egg Crate Grille

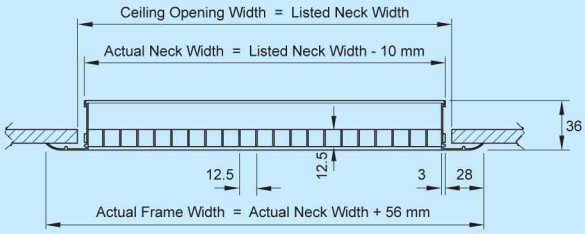
Four types : EGF (Fixed Core), EGR (Removable Core), EGH (Hinged Core) and EGT (T-bar Lay-in), constructed of extruded aluminum, fixed 12.5 mm. I-blades crossed each other forming many square holes size 12.5x12.5 mm. like an egg crate pattern. Anodized and powder finish are available. Suitable for all styles of ceiling installation for return, exhaust, fresh and transfer air from/to ceiling.

Fixed Core

Type : EGF

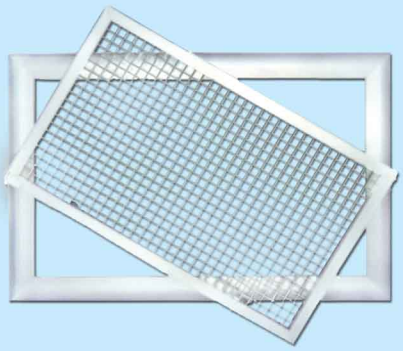


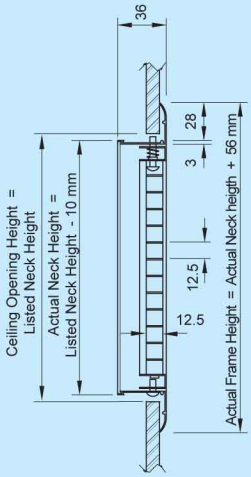


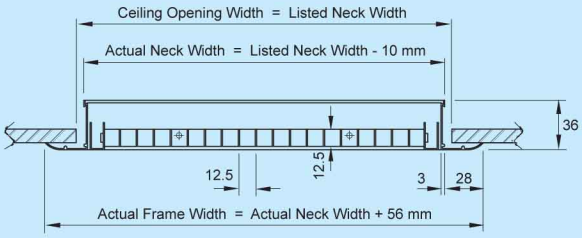


Removable Core

Type : EGR

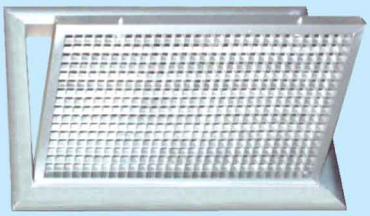


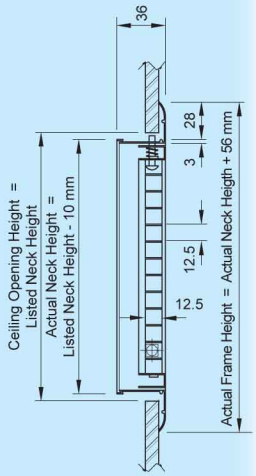


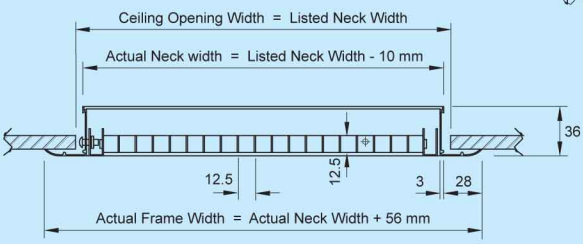


Hinged Core

Type : EGH

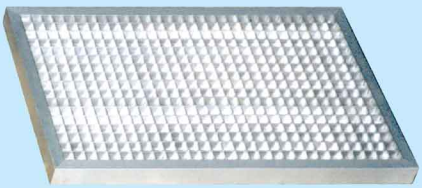


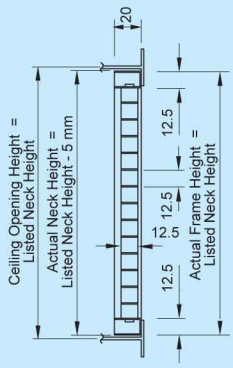


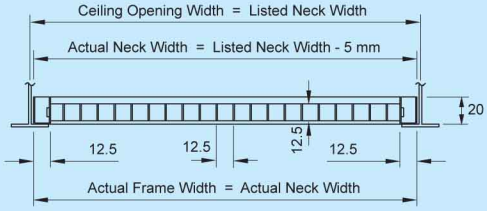


T-bar Lay-in

Type : EGT





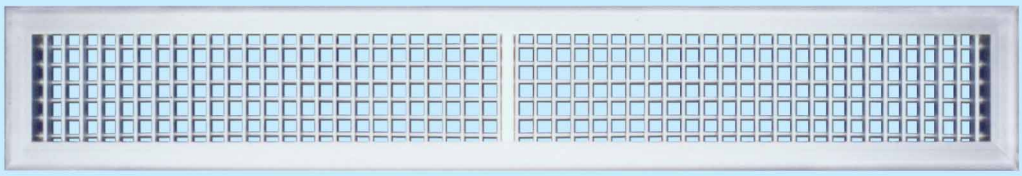


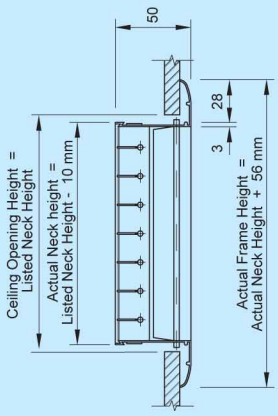
(Measurement : mm)

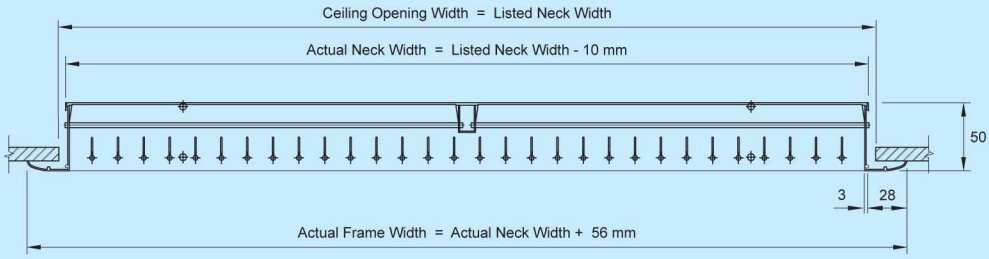
Supply Air Register

One type : SAR, constructed of extruded aluminum, blades are adjustable double deflection, and tighly hold deflection angle settings regardless of air velocity and pressure. Anodized and powder finish are available. Suitable for all styles of sidewall installation for supply cooling air distribution from sidewall to any direction setting.

Type : SAR



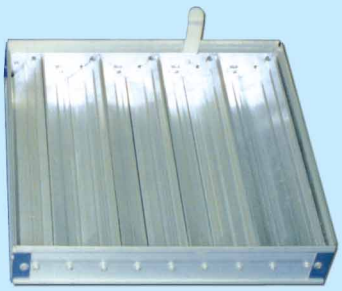


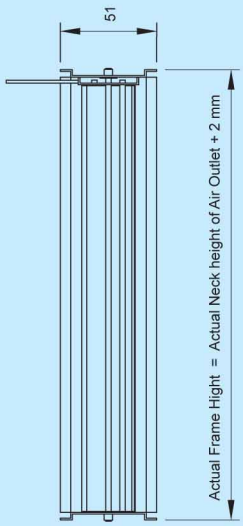


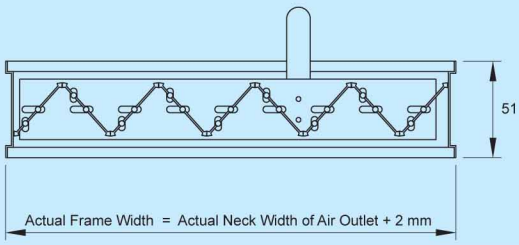
Opposed Blade Volume Damper

One type : OBV, constructed of extruded aluminum, blades can be adjusted from full open to full close in opposed pattern for high effectiveness in air volume control performance. Tighly hold position settings regardless of air velocity and pressure, easy removing and mounting from/to any outlet. Application for mounting to Square Ceiling Diffusers, Rectangular Ceiling Diffusers, Air Grilles and Supply Air Registers for adjusting air distribution quantity.

Type : OBV





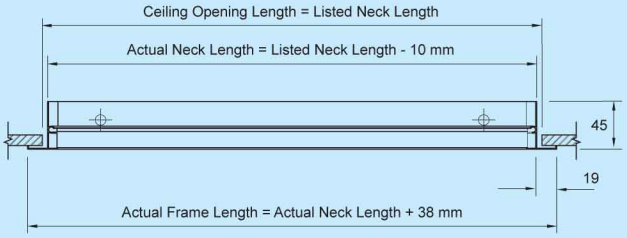


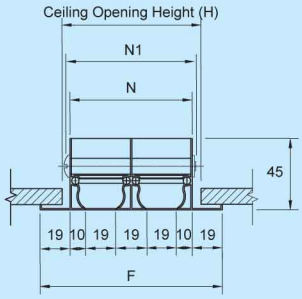
(Measurement : mm)

Linear Slot Diffuser

One type : LSD, constructed of extruded aluminum, each frame has long adjustable vane thoroughly its frame for adjusting air distribution quantity, air direction and air distribution pattern, from full open to full close, these adjustable vanes tighly hold position settings regardless of air velocity and pressure. 1 to 8 Slot(s), continuously connected as straight/angle/loop pattern, anodized and powder finish are available. Suitable for all styles of ceiling and sidewall installation for supply/return cooling air from/to both ceiling and sidewall.

Type : LSD



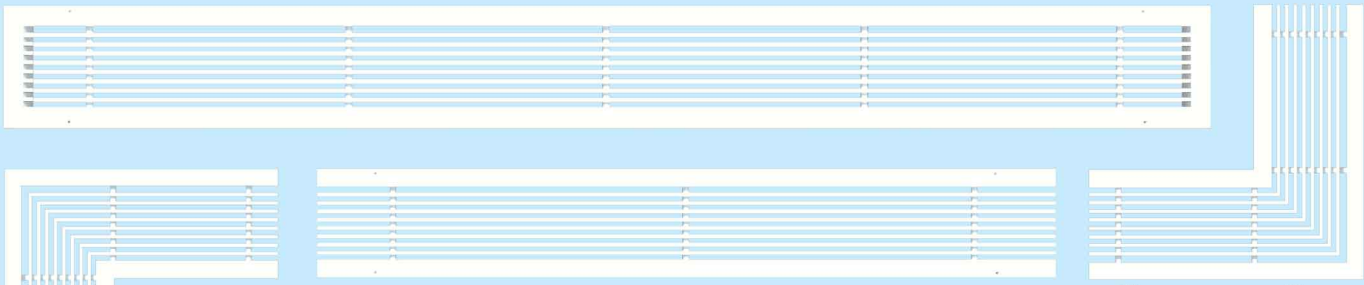


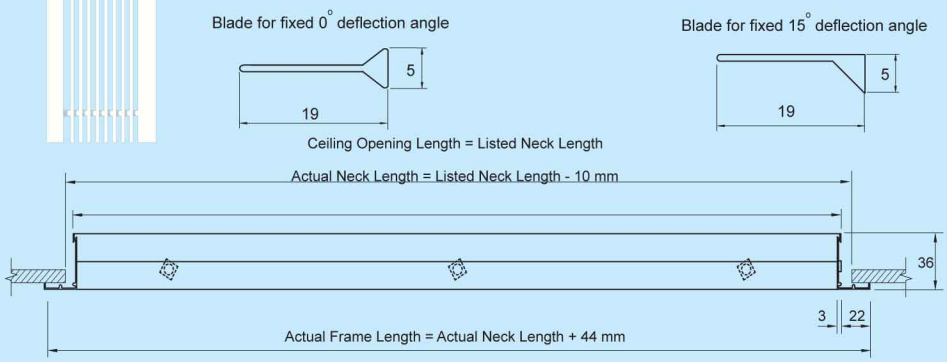
No.of Slot	F mm	N mm	N1 mm	H mm
1	77	39	46	56
2	115	77	84	94
3	153	115	122	132
4	191	153	160	170
5	229	191	198	208
6	267	229	236	246
7	305	267	274	284
8	343	305	312	322

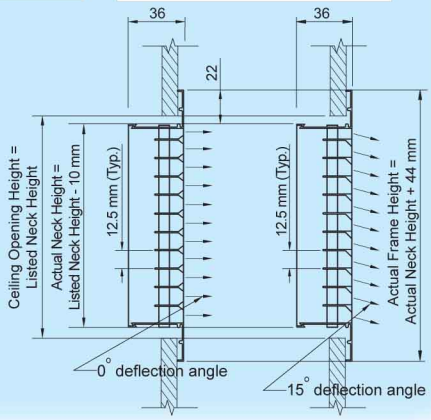
Linear Bar Grille

One type : LBG, constructed of extruded aluminum, blade pitch 12.5 mm. Fixed 0° or 15° deflection angle are available. It is excellent in air distribution both supply and return as well as very nice looking, look attractive and luxury. Continuously connected as straigh/angle/loop pattern, anodized and powder finish are available. Suitable for all styles of ceiling and sidewall installation for supply/return cooling air from/to both ceiling and sidewall.

Type : LBG







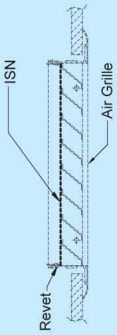
(Measurement : mm)

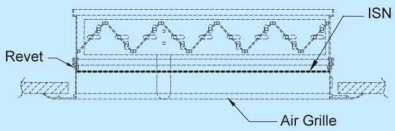
Insect Screen

Two type : ISN (Insect Screen, No Frame) and ISF (Insect Screen, Frames), constructed of extruded aluminum for frame (for type ISF), and aluminum screen wire for screen (for both types ISN and ISF). Washable, easy removing and mounting from/to any Air Outlets. Application for mounting to Air Grilles for preventing instects and other small animals pass through the Air Grilles to room or building inside.

No Frame

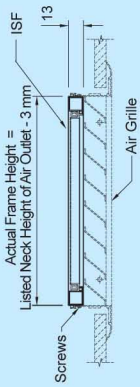
Type : ISN

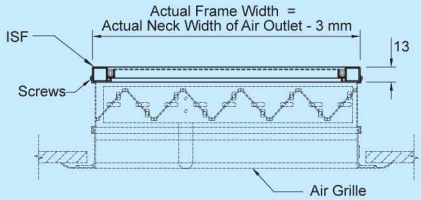




Frame

Type : ISF



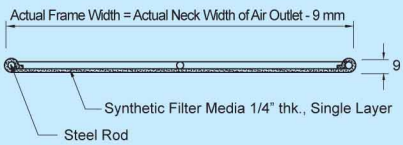


Air Filter

Three types : SAF (Synthetic Air Filter, Edge 3/8" thk.), AF1 (Aluminum Air Filter, Frame 1" thk.) and AF2 (Aluminum Air Filter, Frame 2" thk.). Synthetic Air Filter, constructed of steel rod for frame and synthetic filter 1/4" thk. for filter media. Aluminum Air Filter, constructed of aluminum sheet for frame and corrugated perforated aluminum filter 5/8" thk. for filter media. Washable, easy removing and mounting from/to any Air Outlet. Application for mounting to Air Grilles for screening dust from indoor circulating air or outdoor air intake.

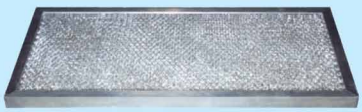
Edge 3/8" thk.

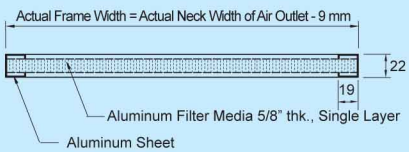
Type : SAF



Frame 1" thk.

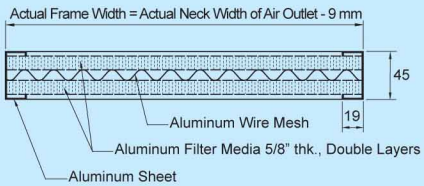
Type : AF1





Frame 2" thk.

Type : AF2



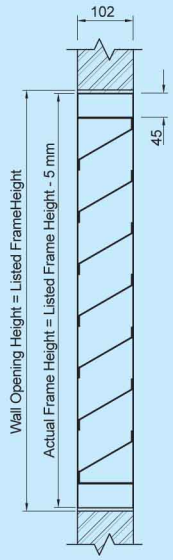
(Measurement : mm)

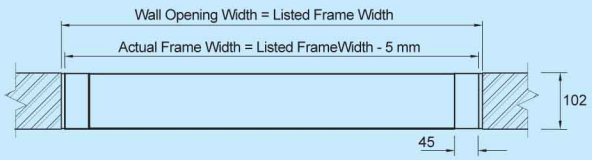
Air Louver (4″ Z-Blade)

Two type : AL1 (1 Bank) and AL2 (2 Bank), constructed of extruded aluminum, fixed 4″ Z-blades fabricated in 4″ x 1 3/4″ extruded aluminum frame rectangular tube profile making it has high strength and low water penetration rating. Anodized and powder finish are available. Suitable for all styles of outdoor sidewall installation for return, exhaust and fresh air from/to outdoor sidewall with very low water penetration rating.

1 Bank

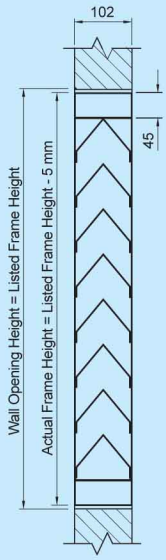
Type : AL1

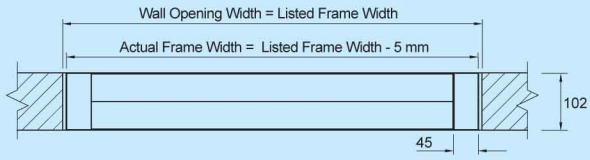




2 Bank

Type : AL2





How to Order

X-XXX-XX

Air Pattern :-

1	=	1 Way-	or	1 Slot-
2	=	2 Way-	or	2 Slot-
3	=	3 Way-	or	3 Slot-
4	=	4 Way-	or	4 Slot-
5	=			5 Slot-
6	=			6 Slot-
7	=			7 Slot-
8	=			8 Slot-
0	=			0° Deflection Angle-
15	=			15° Deflection Angle-

Type :-

RND	=	Round Ceiling Diffuser
RNDD	=	Round Ceiling Diffuser Damper
SCD	=	Square Ceiling Diffuser, Ordinary Face
SCX	=	Square Ceiling Diffuser, Extra Face
RCD	=	Rectangular Ceiling Diffuser, Ordinary Face
RCX	=	Rectangular Ceiling Diffuser, Extra Face
AGF1	=	Air Grille, Fixed Core, 1” Z-Blade
AGR1	=	Air Grille, Removable Core, 1” Z-Blade
AGH1	=	Air Grille, Hinged Core, 1” Z-Blade
AGT1	=	Air Grille, T-Bar Lay-in, 1” Z-Blade
AGF2	=	Air Grille, Fixed Core, 2” Z-Blade
AGR2	=	Air Grille, Removable Core, 2” Z-Blade
AGH2	=	Air Grille, Hinged Core, 2” Z-Blade
AGT2	=	Air Grille, T-Bar Lay-in, 2” Z-Blade
EGF	=	Egg Crate Grille, Fixed Core
EGR	=	Egg Crate Grille, Removable Core
EGH	=	Egg Crate Grille, Hinged Core
EGT	=	Egg Crate Grille, T-bar Lay-in
SAR	=	Supply Air Register
OBV	=	Opposed Blade Volume Damper
LSD	=	Linear Slot Diffuser
LBG	=	Linear Bar Grille
ISN	=	Insect Screen, No Frame
ISF	=	Insect Screen, Frame
SAF	=	Synthetic Air Filter, Edge 3/8” thk.
AF1	=	Aluminum Air Filter, Frame 1” thk.
AF2	=	Aluminum Air Filter, Frame 2” thk.
AL1	=	Air Louver, 4” Z-Blade, 1 Bank
AL2	=	Air Louver, 4” Z-Blade, 2 Bank

Listed Neck Size (mm) :-

Figure x Figure	=	Width x Height
Figure	=	Length
∅ Figure	=	Diameter

Example :

4-SCD-300x300	=	4 Way-Square Ceiling Diffuser, Ordinary Face, Listed Neck size 300 mm (Width) x 300 mm (Height).
2-LSD-2000	=	2 Slot-Linear Slot Diffuser, Listed Neck size 2000 mm (Length)
0-LBG-1000x100	=	0° Deflection Angle-Linear Bar Grille, Listed Neck Size 1000 mm (Length) x 100 mm (Height).
AGF1-600x300 + OBV + ISN	=	Air Grille, Fixed Core, 1” Z-Blade, Listed Neck size 600 mm (Width) x 300 mm (Height), completed with Opposed Blade Volume Damper, and Insect Screen, No Frame.

We, PCJ INDUSTRIES CO.,LTD., was established in 1998, specialize in production of Steel Fire Doors, Air Outlets, Duct Dampers, Duct Silencers and Cable Trunks. Most of our products have been certified by several organizations for standardization, i.e. : **(Underwriters Laboratories Inc.), (British Standards Institution), (Thai Industrial Standards Institute), (Air Diffusion Council), (Standards Australia). Moreover, our company has been certified by (International Organization for Standardization), ISO 9001 : 2008 as well.** We have our own factory established on our own land, area 40,000 sq.m.(approx.), in Kaengkhoi, Saraburi, Thailand.

Our Policy has always been, and will continue to be, the production and On Time-Every Time Schedule Delivery of Quality, Reliability and Competitively Priced Products. We have invested for instruments, machines and we have experience engineer teams take full time to research and develop our product lines continuously, including new product designs to meet worldwide market demands.

Our products have been distributed to many countries worldwide :-

and will be distributed to a lot more countries in the future.

PCJ INDUSTRIES CO.,LTD.
พีซีเจ อุตสาหกรรม บจก.
199/24-25 Vibhavadeerangsit Road, Samsennai, Payathai, Bangkok 10400, Thailand
Tel : +66 2 2701938, +66 2 2781604, +66 2 2790859, +66 2 2794166, +66 2 6160184, +66 2 6160185
Fax : +66 2 6160071 Email : sales@pcjindustries.co.th Website : www.pcjindustries.co.th

ISO 9001 : 2008 Certified
Certificate No. FM 509124

Printed in Thailand
0 1 0 4 1 1