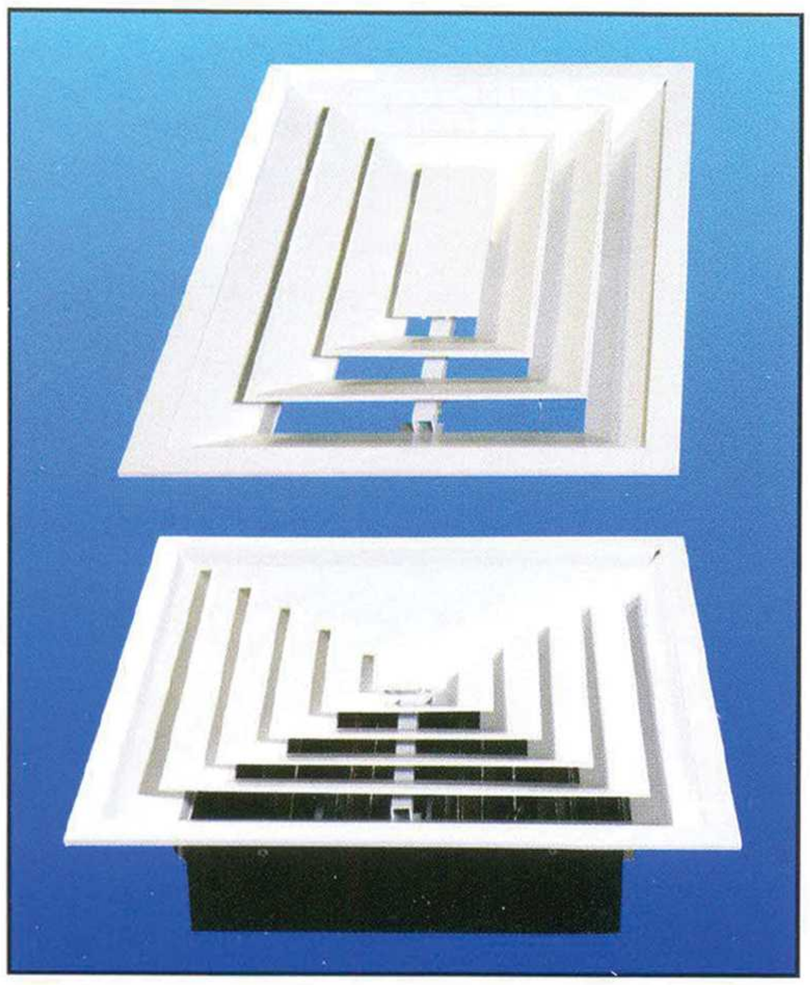
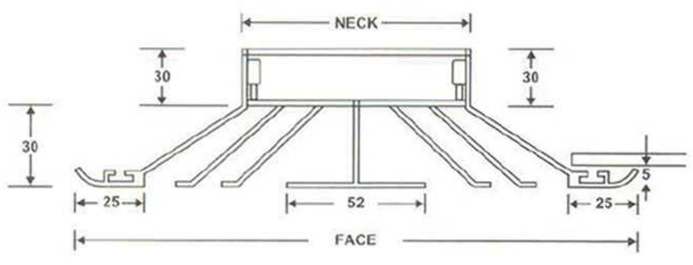
Air Diffuser

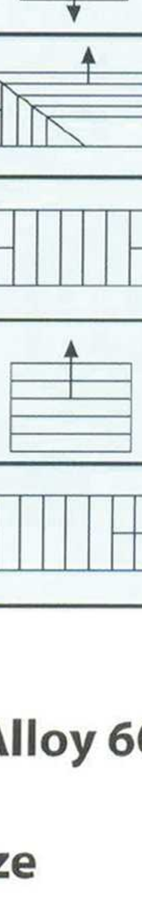
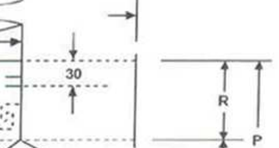
Square dan Rectangular Diffuser





VERTICAL CROSS SECTION

SKETCH	AIRFLOW DIRECTION
	SQUARE 4-WAY
	RECTANGULAR 3-WAY
	RECTANGULAR 3-WAY
	SQUARE 2-WAY
	RECTANGULAR 2-WAY
	RECTANGULAR 2-WAY
	RECTANGULAR 1-WAY

SKETCH	AIRFLOW DIRECTION
	RECTANGULAR 2-WAY
	RECTANGULAR 3-WAY
	SQUARE 2-WAY
	RECTANGULAR 2-WAY
	RECTANGULAR 2-WAY
	SQUARE 1-WAY
	RECTANGULAR 1-WAY

General Spesication :

Material : Aluminium Extrusion, Alloy 6063 T5
Thickness : 1mm
Finishing : Powder Coating/Anodize

Round Diffuser

VERTICAL CROSS SECTION

Neck Size	Ø 150	Ø 200	Ø 250	Ø 300	Ø 350	Ø 400	Ø 450	Ø 500
Face Size	Ø 360	Ø 380	Ø 430	Ø 480	Ø 560	Ø 630	Ø 720	Ø 820

General Spesication :

Material : Aluminium Sheet
Thickness : 1mm
Finishing : Powder Coating/Anodize

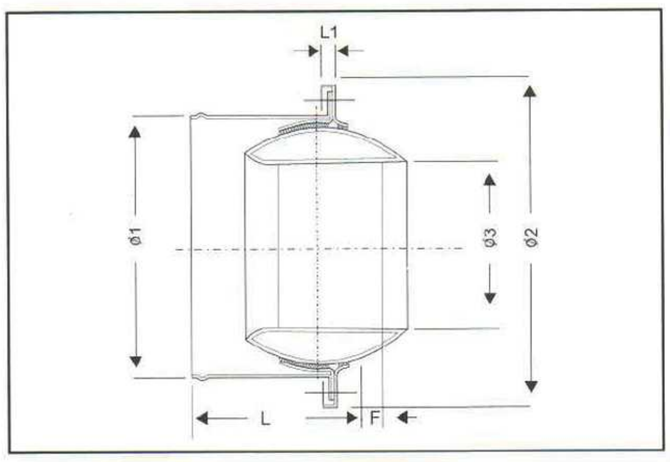
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Air Diffuser

Jet Diffuser

A. NOZZLE JET DIFFUSER

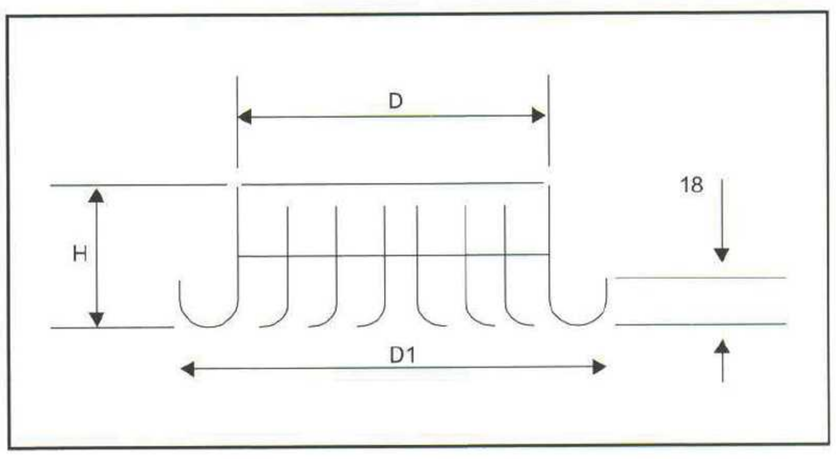




General Spesication :
Material : Aluminium Sheet
Thickness : 1mm
Finishing : Powder Coating / Anodize

B. CIRCULAR JET DIFFUSER

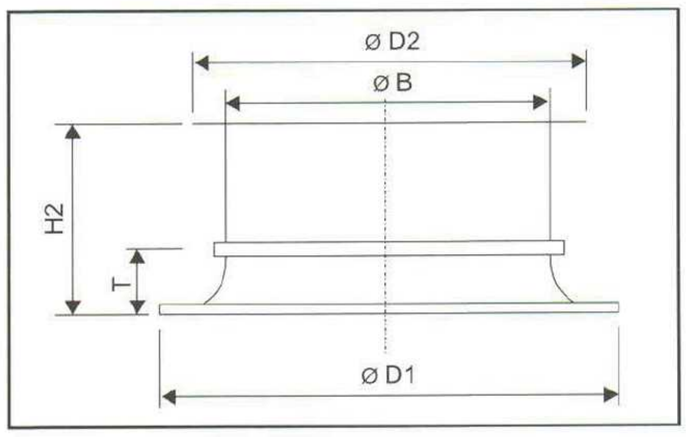




General Spesication :
Material : Aluminium Sheet
Thickness : 1mm
Finishing : Powder Coating / Anodize

Vertical Deflection Diffuser





Neck Size \ Diameter	ϕB	H2	ϕD1	ϕD2	T
ϕ 315	315	203	480	374	63
ϕ 350	350	220	515	410	71
ϕ 400	400	238	565	460	70
ϕ 500	500	310	665	560	103
ϕ 630	630	383	571	700	125
ϕ 800	800	568	1077	870	160
ϕ 1000	1000	615	1350	1080	205

Material : Aluminium Sheet
Thickness : 1mm
Finishing : Powder Coating / Anodize

Vent Cap Diffuser

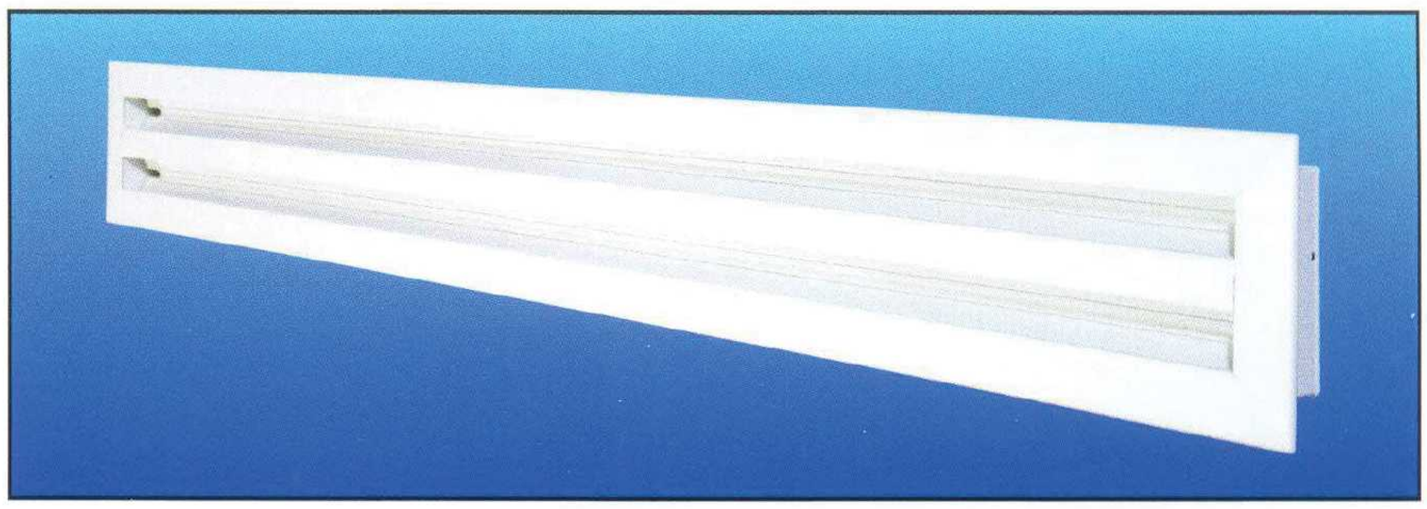


General Spesication :
Material : Aluminium Sheet
Thickness : 1mm
Finishing : Powder Coating / Anodize

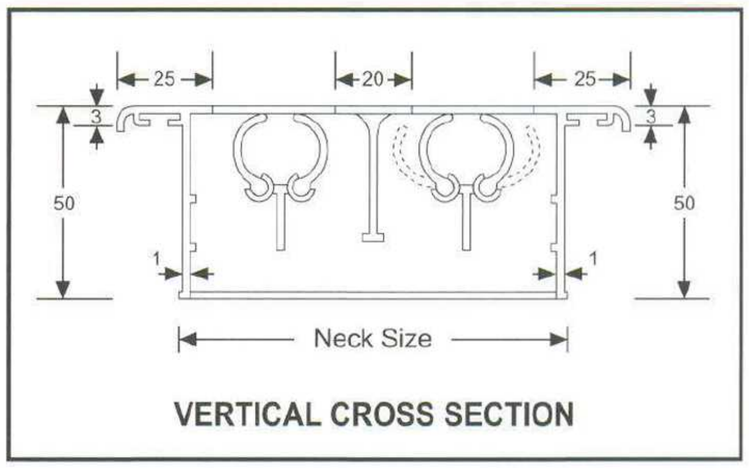
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Linear Diffuser

Linear Slot Butterfly



SLOT	Neck Size
1 Slot	50 mm
2 Slot	100 mm
3 Slot	150 mm
4 Slot	200 mm
n Slot	n x 50 mm

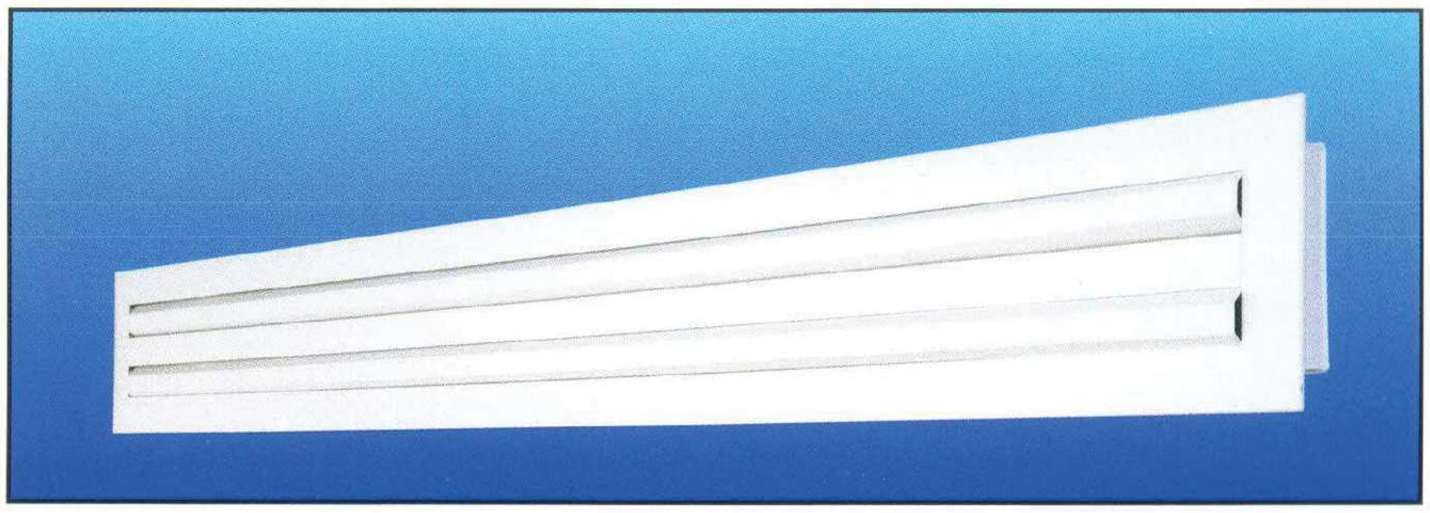


VERTICAL CROSS SECTION

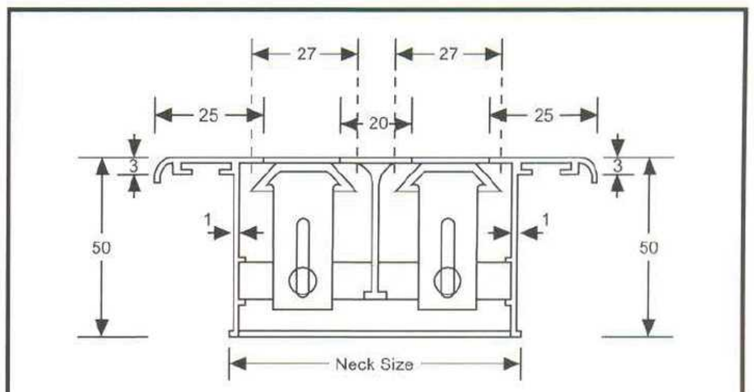
General Spesication :

Material : Aluminium Extrusion, Alloy 6063 T5
Thickness : 1mm
Finishing : Powder Coating/Anodize

Linear Slot Up - Down



SLOT	Neck Size
1 Slot	45 mm
2 Slot	90 mm
3 Slot	135 mm
4 Slot	200 mm
n Slot	n x 45 mm



VERTICAL CROSS SECTION

General Spesication :

Material : Aluminium Extrusion, Alloy 6063 T5
Thickness : 1mm
Finishing : Powder Coating/Anodize

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Louvre and Diffuser

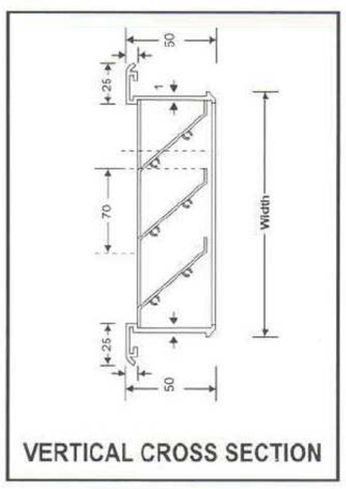
Square and Retangular Louvre



TIPE V



TIPE H



VERTICAL CROSS SECTION

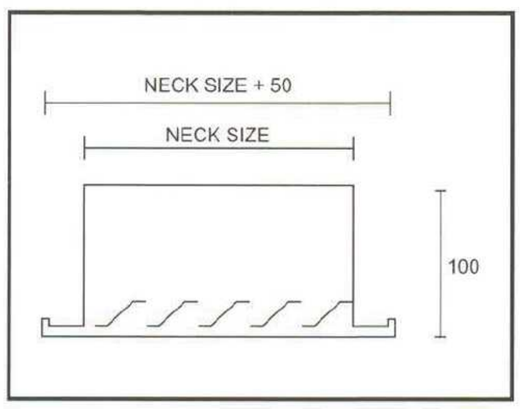
General Spesication :

Material : Aluminium Extrusion Alloy 6063 T5
Thickness : 1mm
Finishing : Powder Coating/Anodize

Circular Louvre

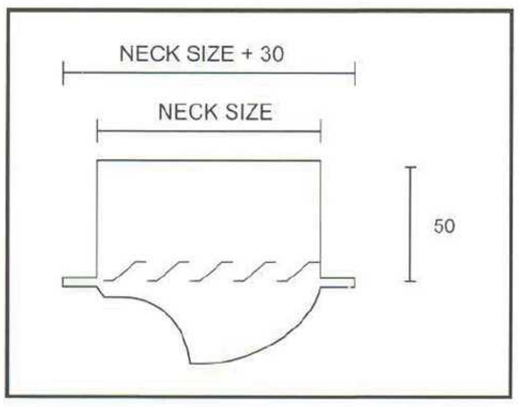


TIPE Normal





TIPE Vent Cap



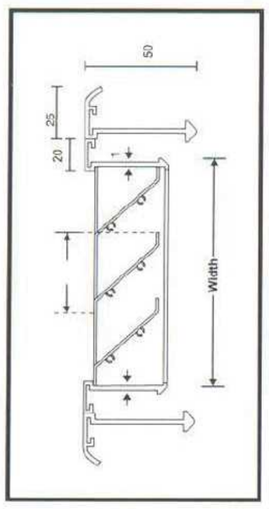
General Spesication :

Material : Aluminium Sheet
Thickness : 1mm
Finishing : Powder Coating / Anodize

Hinged Diffuser (Man Hole)

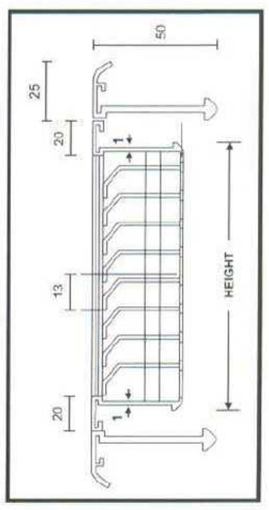


TIPE Louvre





TIPE Grille



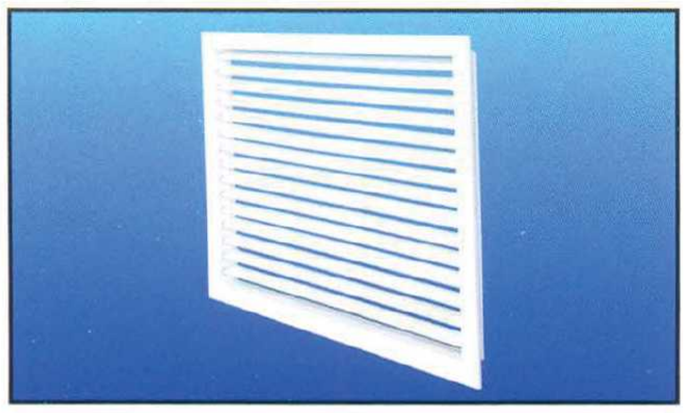
General Spesication :

Material : Aluminium Extrusion, Alloy 6063 T5
Thickness : 1mm
Finishing : Powder Coating/Anodize

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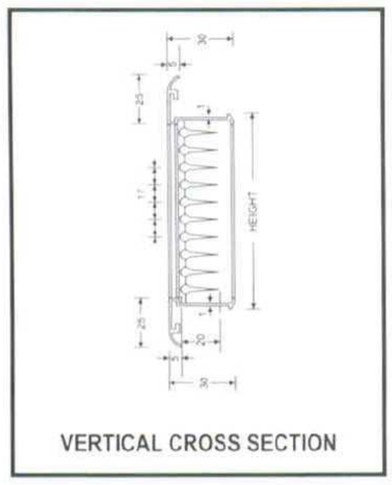
Return Air Grille (RAG) Single Deflection



TIPE H

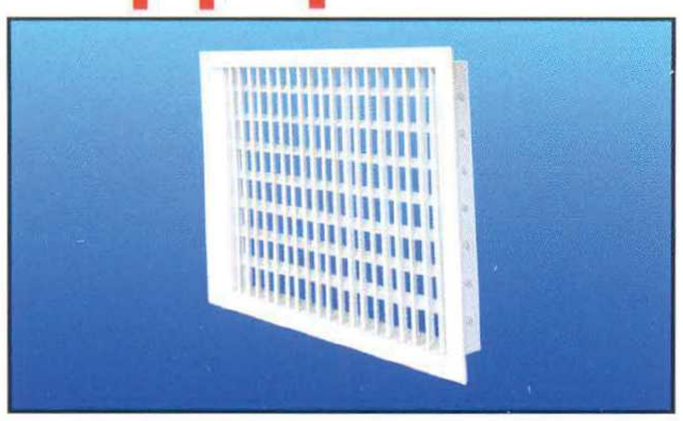


TIPE V

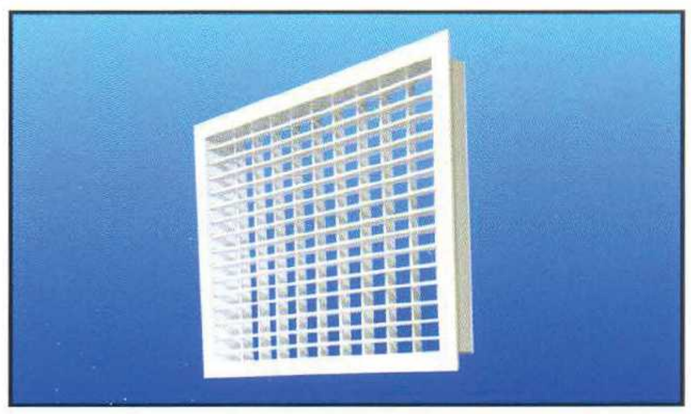


VERTICAL CROSS SECTION

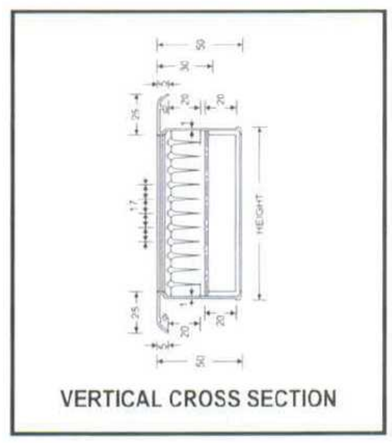
Supply Air Grille (SAG) Double Deflection



Type HV

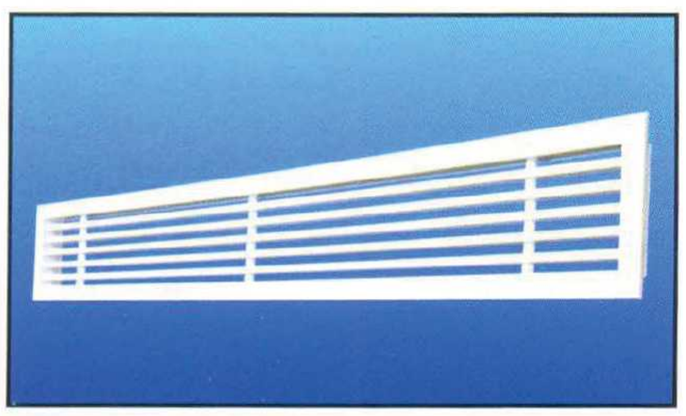


Type VH

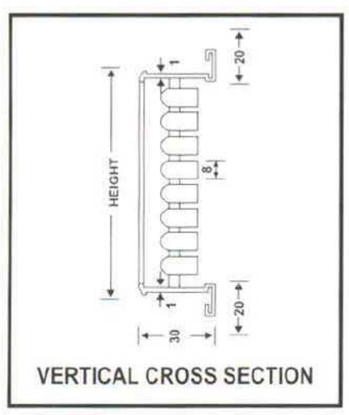


VERTICAL CROSS SECTION

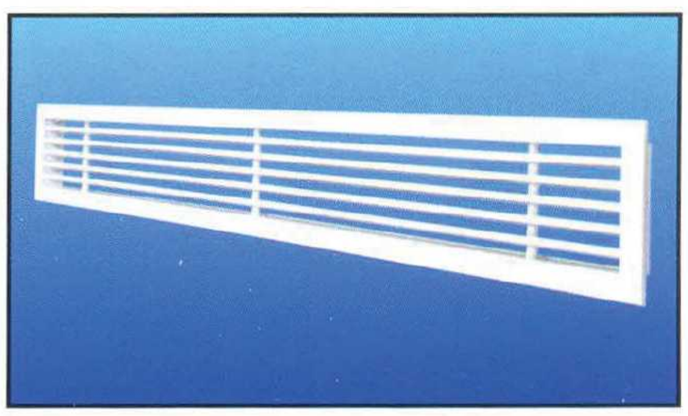
Bar Grille / Fix Grille



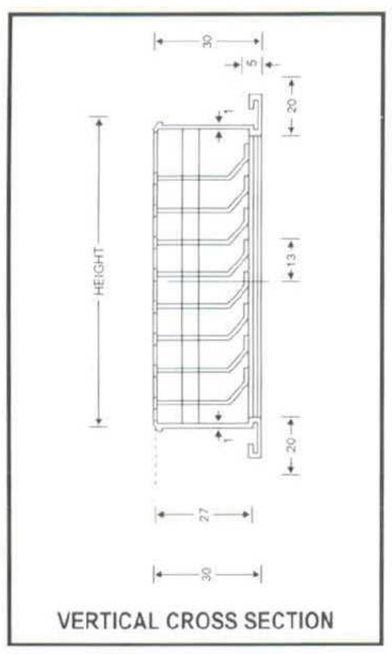
Fix Grille Hollow



VERTICAL CROSS SECTION



Fix Grille Solid



VERTICAL CROSS SECTION

Supply Bar Grille



Type HV



Type HV

General Spesication :

Material : Aluminium Extrusion, Alloy 6063 T5
Thickness : 1mm
Finishing : Powder Coating/Anodize

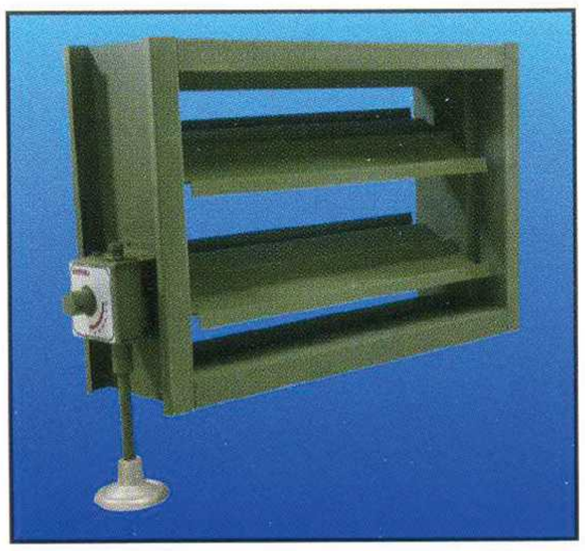
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Damper

Volume Control Damper (VD)



TIPE HANDLE

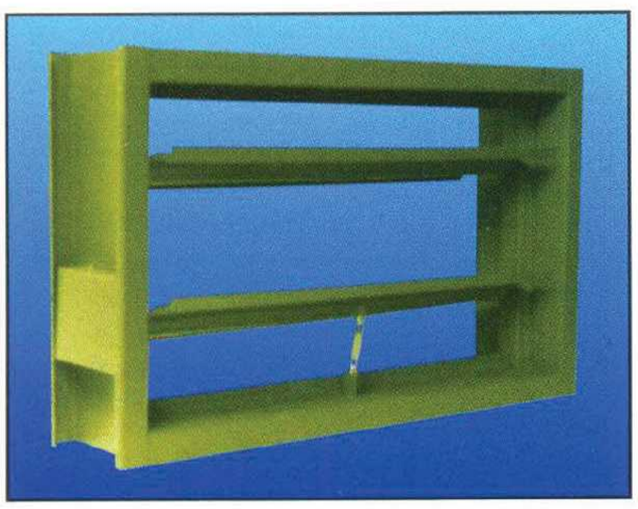


TIPE GEAR

Material :
- **Casing ..... 1,2mm 1 steel plate**
- **Blade ..... 1,2mm 1 steel plate**
- **Blade Shaft ... 12mm steel round bar**
- **Flange ..... steel equal angles**

Finishing : Zinchromate / Powder Coating

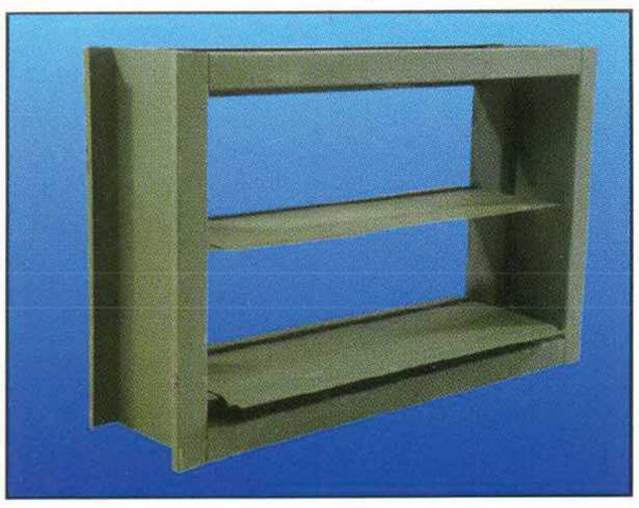
Fire Control Demper



SPESIFIKASI UMUM
Jumlah daun :

Tinggi (mm)	Jumlah
< 300	1
300 - 500	2
450 - 550	3
800 - 900	4
950 - 1.100	6

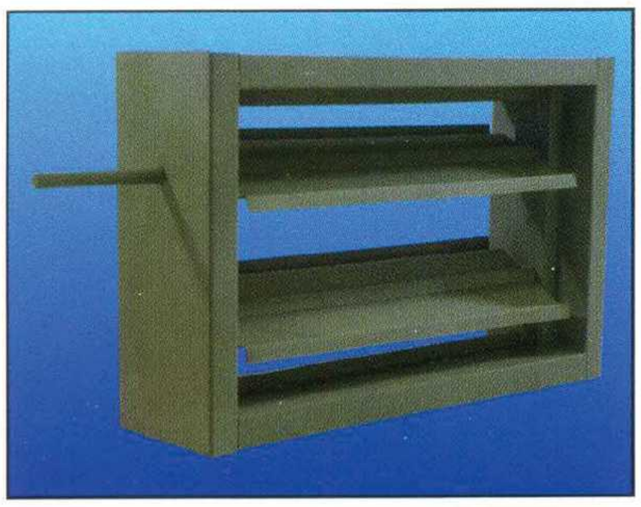
Non Return Demper



Material :
- **Casing ..... 1,2 mm 1 steel plate**
- **Blade ..... 0,6 mm galvanil 1 steel plate**
- **Blade Shaft ..... 8 mm steel round bar**
- **Flange ..... steel equal angles**

Finishing : Zinchromate / Powder Coating

Motorized Volume Control Demper



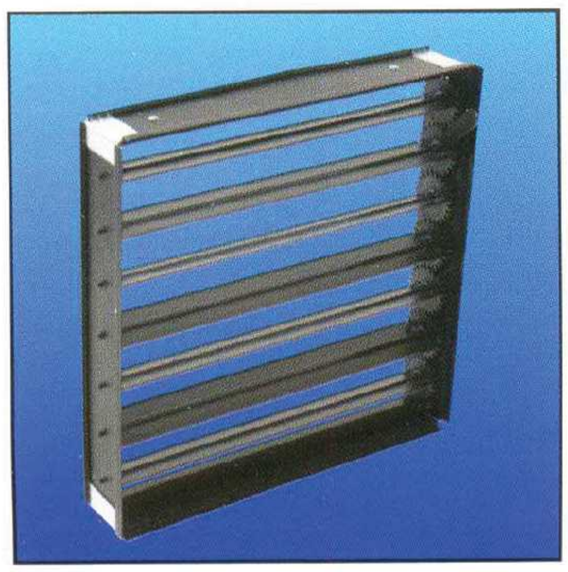
Material :
- **Casing ..... 1,2mm 1 steel plate**
- **Blade ..... 1,2mm 1 steel plate**
- **Blade Shaft ... 12mm steel round bar**
- **Flange ..... steel equal angles**

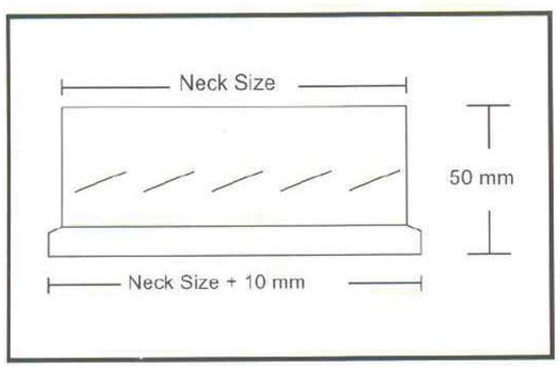
Finishing : Zinchromate / Powder Coating

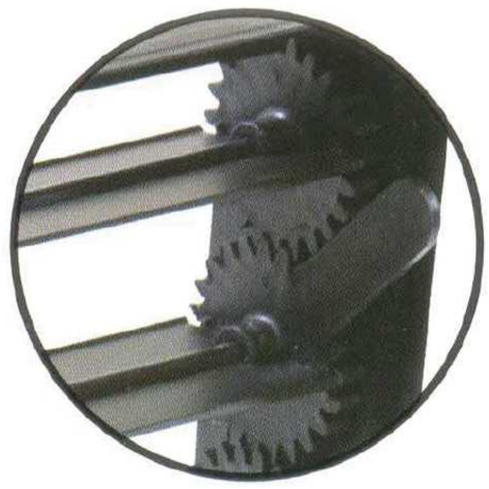
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Opposed Blade Damper

A. Aluminium Extrusion with Gear Nylon



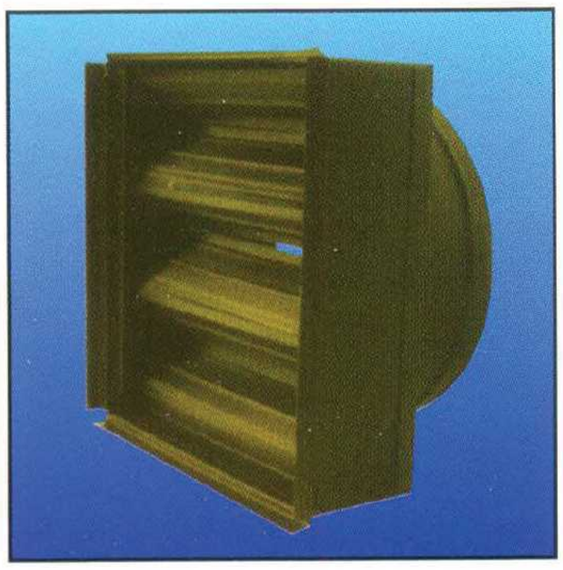




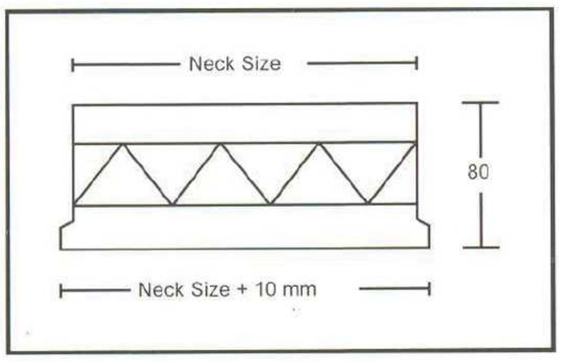
General Spesification :

Material : Aluminium Extrusion, Alloy 6063 T5
Thickness : 0,6mm – 0,8mm
Finishing : Black Anodize

B. OBD (Opposed Blade Damper)



Type Butterfly

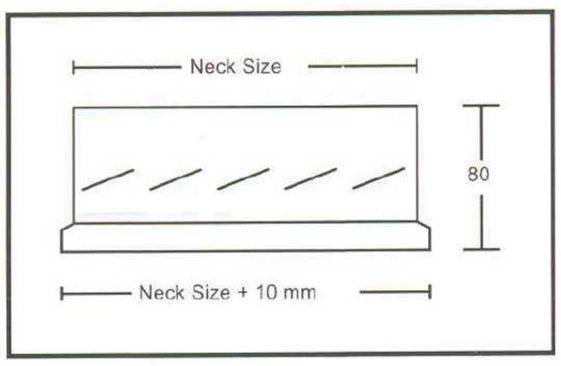


General Spesification :

Material : Galvanized /GI Sheet
Thickness : 0,4mm – 0,5mm
Finishing : Black Painting



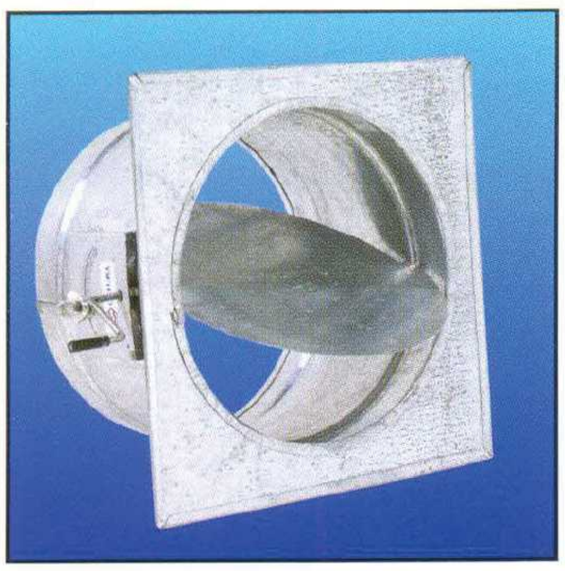
Type Nako

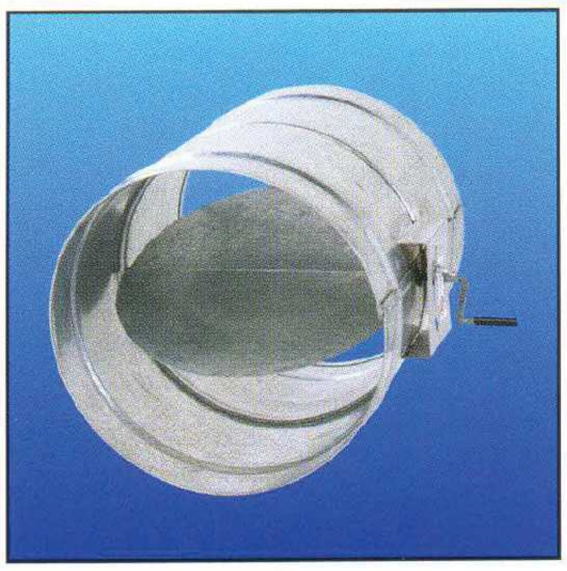


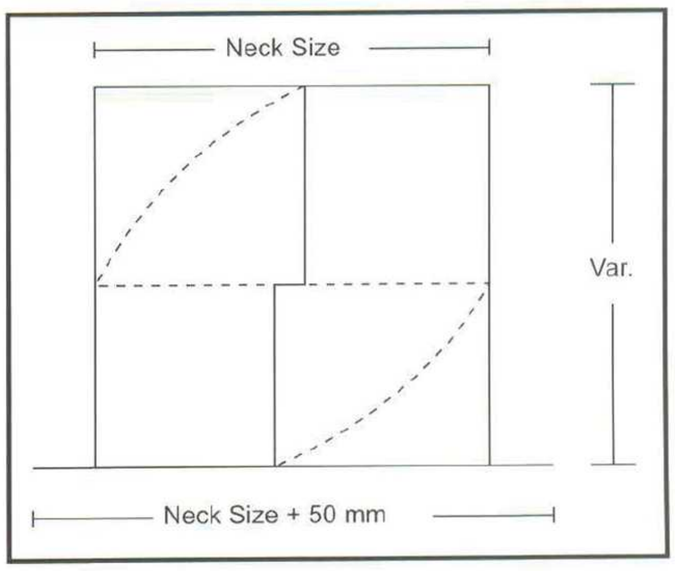
General Spesification :

Material : Galvanized /GI Sheet
Thickness : 0,4mm – 0,5mm
Finishing : Black Painting

Spigot Damper







General Spesification :

Material : Galvanized /GI Sheet
Thickness : 0,4mm – 1mm
Finishing : Natural, Painting

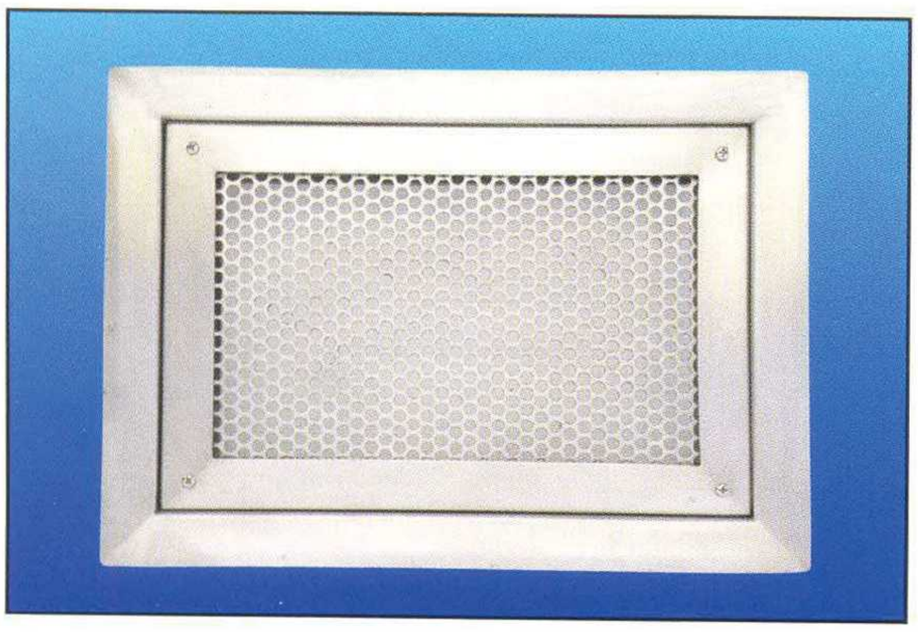
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Air Perforated

Supply or Return Air Perforated

(Stainless Steel SUS 304)

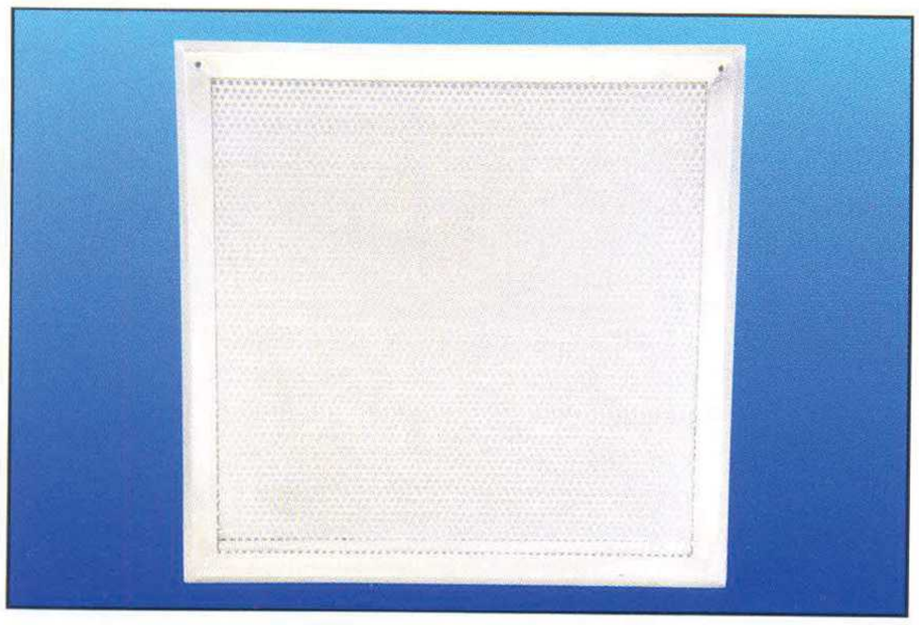


General Spesification :

Material : Stainless Steal SUS 304
Thickness : 1,2mm
Finishing : Hair Line - Mirror

Supply or Return Air Perforeted

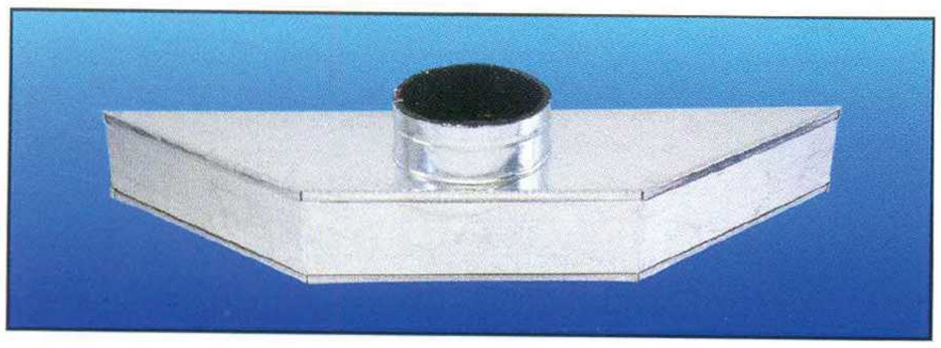
(Stainless Steel SUS 304)

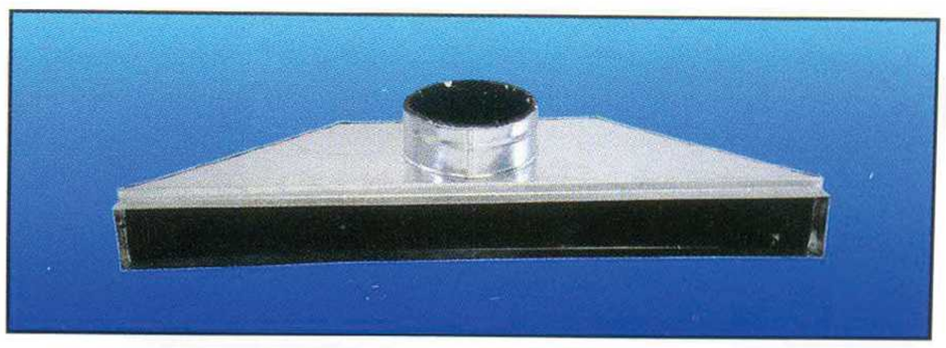


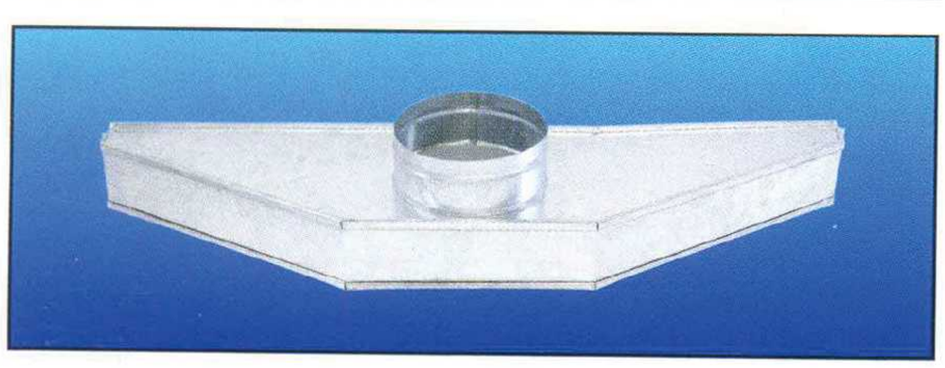
General Spesification :

Material : Stainless Steal SUS 304
Thickness : 1,2mm
Finishing : Hair Line - Mirror

Plenum Box









General Spesification :

Material : Galvanized /GI Sheet With or Without Inside Insulation
Thickness : 0,4mm – 1mm
Finishing : Natural, Painting

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NO	ITEMS	UKURAN	PRICE/INCHI
1.	SQUARE AIR DIFFUSSER	4″ - 9″	15,575
		20″ - 29″	19,115
		>30″	23,363
	STAINLESS STEEL PERFORATED (HAIRLINED T =1.6 MM)	6″ - 12″	57,500
2.	ROUND DIFFUSER ALLUMUNIUM	6″ - 10″	28,750
		>11″	32,500
		>20″	58,000
3.	JET NOZZLE DIFFUSER	10″	34,500
		12″ - 14″	46,000
		>15″	62,100
4	SAG, LOUVER (DOOR, GRILLE), FAG, AMERICAN LOUVER	4″ - 19″	12,650
		20″ - 29″	15,525
		>30″	18,400
5	RETURN AIR GRILLE (RAG)/EAG	4″ - 19″	9,200
		20″ - 29″	12,075
		>30	15,525
6	LINIER SLOT KUPU KUPU	4″ - 19″	15,525
		20″ - 29″	17,825
		>30″	19,550
7	BARGRILLE, LINIER SLOT DIFFUSER	4″ - 19″	12,650
		20″ - 29″	14,950
		>3-″	17,825
	SUPPLY BARGRILLE	ADD	2,875
8	DAMPER (MS 1.2)		
	VOLUME DAMPER	<30″	24,150
		>30″	29,900
	VOLUME DAMPER BULAT		37,375
	GRAVITY/RELIEF DAMPER (NON RETURN DAMPER)		31,625
9	OTHER		
	PARALLEL BLADE DAMPER	<30″	5,175
		>30″	8,050
	OPPOSED BLADE DAMPER	<30″	6,325
		>30″	9,200
	PRE FILTER/FILEDON		8,625
	FILTER HOD		17,500
	INSERT SCREEN		3,450
	SPIGOT DAMPER		8,625
	FRAME MANHOLE		8,050
	WEREMESH		7,000
	SOCK		5,175
	FUSIBLE LINK FOR FIRE DAMPER	PCS	69,000
	GEAR FOR VOLUME DAMPER	PCS	201,250
	DAMPER		37,375
	DOP		2,300
	BOX PLENUM/ BOX GRILLE	PCS	12,650

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	MACAM-MACAM VOLUME DAMPER	
	VOLUME DAMPER BIASA	HARGA SESUAI PRICE LIST
	ROUND VOLUME DAMPER	HARGA SESUAI PRICE LIST
	SIMPLE VOLUME DAMPER	HARGA VD + SEAL (RP. 201.250)
	FIRE DAMPER	HARGA VD + FUSSIBLE LINK (RP. 69.000)
	MOTORIZED VOLUME DAMPER	HARGA VD + MOTORIZED (RP. 2.500.000)
	MECHANICAL VOLUME DAMPER	HARGA VD + GEAR (RP. 258.750)
	ELECTRIKAL VOLUME DAMPER	HARGA VD + ACTUATOR (RP. 8.337.500)
	KETEBALAN VOLUME DAMPER	
1	16 CM	NORMAL, HARGA SESUAI PRICELIST
2	20 CM	PERHITUNGAN PAKAI RASIO
3	25 CM	PERHITUNGAN PAKAI RASIO
4	30 CM	PERHITUNGAN PAKAI RASIO
	PERFORATED	
1	ALLUMUNIUM BULAT	RP. 28.750/INCHI
2	ALLUMUNIUM BULAT	RP. 37.375/INCHI
3	STAINLESS LUBANG BULAT/ RETURN	RP. 57.500/INCHI

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