

SKYRO HVAC PRODUCTS PVT. LTD. BUILDING TRUST.



ISO 9001:2015
CERTIFIED

MANUFACTURER OF
HVAC PRODUCTS

SKYRO MANUFACTURER OF **HVAC PRODUCTS**

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MANUFACTURE OF HVAC PRODUCTS

about company

Profile

SKYRO Engineering is a leading manufacturer changing the world of Air Distribution Product with the latest technology and energy saving. Renowned for innovative, SKYRO Solutions continually wins industry with unique product quality. Our extensive product portfolio includes wide range of HVAC Products.

Mission

The mission of SKYRO is to be the leading provider of innovative, high quality HVAC product. We strive to deliver consistently superior value to our customers and their clients. This commitment permeates everything we do, driving us to continuously improve our products and processes to fulfill the need for quality HVAC solution.

SERVICE

SKYRO is committed to a customer first attitude and provide superior service in fulfilling customer needs. We resolve to provide outstanding service before and after the sales, and taking pride in maintaining long term relationship with our customers. From product selection and specification through delivery and beyond, SKYRO is focussed on providing the information, assistance and product when needed. Simply put, our company strives to be easy to do business with. At SKYRO our people apply their experience and expertise to enhance the overall customer experience. Combining that capability with the strength of our product line and expert sale force, can count on SKYRO to support you for all your HVAC and Air Distribution Products needs.

HVAC PRODUCT

Volume Control Dampers

Manual / Motorised

about products

Volume Control Duct Damper - Manual

DUCT VOLUME CONTROL, DAMPERS, are installed in branches of air distribution ducts operated manually, to regular air volume in different branches to achieve rough balancing of the system.

The fine balancing is being carried out at the individual Grilles & Diffusers outlet.



Features

1. Extruded Aluminium or G.I. Steel Construction
2. Gear or Linkage Driven
3. Nylon Bushing for smooth operation

Model

- | | |
|---------------|--|
| 1. SHP-VCD-GI | Manual Operated G.I. Construction |
| 2. SHP-VCD-AL | Manual Operated Aluminium Construction |

Volume Control Duct Damper - Motorised

DUCT VOLUME CONTROL, DAMPERS, are installed in branches of air distribution ducts operated motorised, to regular air volume in different branches to achieve rough balancing of the system.

The fine balancing is being carried out at the individual Grilles & Diffusers outlet.



Features

1. Extruded Aluminium or G.I. Sheet Steel
2. Gear or Linkage Driven
3. Nylon Bushing for Smooth Operation

Model

- | | |
|------------------|---|
| 1. SHP-VCD-GI-MO | Motorised Operated G.I. Construction |
| 2. SHP-VCD-AL-MO | Motorised Operated Aluminium Construction |

HVAC PRODUCT

Volume Control Dampers

Manual / Motorised

Aerofoil Volume Control Duct Damper - Manual

AEROFOIL DUCT VOLUME CONTROL DAMPERS, are installed in branches of air distribution ducts operated manually, to regular air volume in different branches to achieve rough balancing of the system. The fine balancing is being carried out at the individual Grilles & Diffusers outlet.



Features

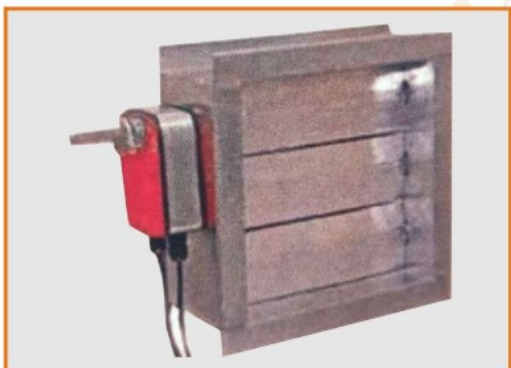
1. Extruded Aluminium Construction
2. Gear or Linkage Driven
3. Nylon Brushing for Smooth Operation

Model

1. SHP-AF-VCD-AL Manual Operated Aluminium Construction

Aerofoil Volume Control Duct Damper - Motorised

AEROFOIL DUCT VOLUME CONTROL DAMPERS, are installed in branches of air distribution ducts operated motorised, to regular air volume in different branches to achieve rough balancing of the system. The fine balancing is being carried out at the individual Grilles & Diffusers outlet.



Features

1. Extruded Aluminium or G.I. Steel Steel
2. Gear or Linkage Driven
3. Nylon Brushing for Smooth Operation

Model

1. SHP-VCD-AL-MO Motorised Operated Aluminium Construction

HVAC PRODUCT

Fire Dampers Manual / Motorised Sound Attenuator & Round Grille

Fire Damper with Fusible Link - Manual

FIRE DUCT DAMPERS WITH FUSIBLE LINK, are installed in branches of air distribution ducts operated with fusible link to regular air volume in different branches to achieve rough balancing of the system. The fine balancing is being carried out at the individual Grilles & Diffusers outlet.



Features

1. Heavy Duty 16 Gauge construction
2. UL -555 Certificate Fusible Link
3. Standard Sleeve Length of 350 mm & 600 mm Optional

Model

- | | |
|-----------------|------------------------------------|
| 1. SHP-FD-FL | Fusible Link Operation |
| 2. SHP-FD-FL-SL | Fusible Link operation with Sleeve |

Fire Damper - Motorised

FIRE DAMPERS, are installed in branches of air distribution ducts operated motorised, to regular air volume in different branches to achieve rough balancing of the system. The fine balancing is being carried out at the individual Grilles & Diffusers outlet.



Features

1. Heavy Duty 16 Gauge construction
2. Standard Sleeve Length of 350 mm & 600 mm Optional

Model

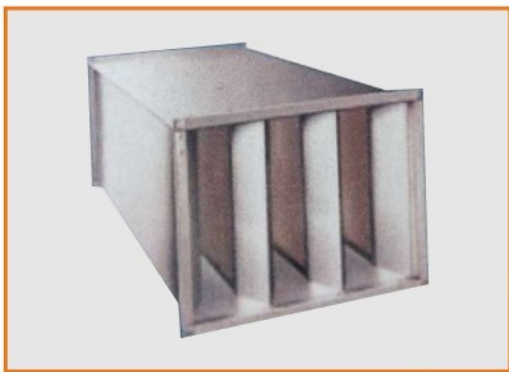
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|-----------------|---------------------------------|
| 1. SHP-FD-MO | Motorised Operation |
| 2. SHP-FD-MO-SL | Motorised Operation with Sleeve |

HVAC PRODUCT

Fire Dampers Manual / Motorised Sound Attenuator & Round Grille

Sound Attenuator

Sound ATTENUATOR is used to control various noise control in HVAC field.



Features

1. G.I Steel construction

Model

1. SHP-SA

Sound Attenuator as per requirement.

Aluminium Round Grille

ALUMINIUM ROUND GRILLES are available in various Diameter. These grills have fixed air deflection of 0, 15, 30 or 45 Degree.



Features

1. Aluminium Die Casting & Extruded Aluminium Construction
2. Optional Damper for Supply Air Grille

Model

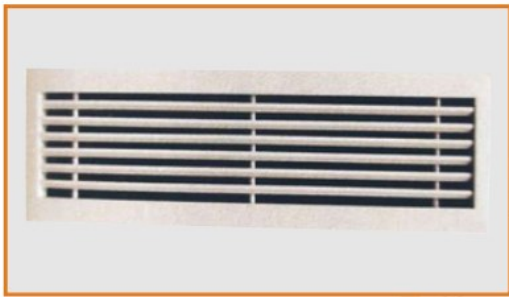
1. SHP-00/15/30/45 For 00/15/30/45 Degree Deflection
2. SHP-00/15/30/45 For 00/15/30/45 Degree Deflection with Damper

HVAC PRODUCT

ALUMINIUM GRILLES

Aluminium Linear Grille

ALUMINIUM LINEAR GRILLES are used in interior of large office, hospitals, public area of hotels, malls for supply & return air for uncluttered looking wall & ceiling. These Grilles are available in standard 1.8 metre length with perfect alignment between two adjusting grilles. These grilles have fixed air deflection of 0, 15, 30, or 45 degree. The vertical air pattern control can be achieved by installing adjustable louvers in supply air collar behind the grille



Features

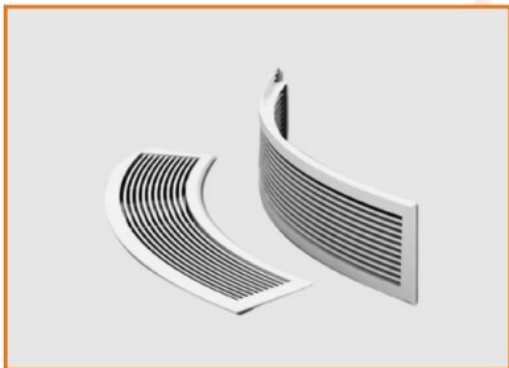
1. Extruded Aluminium Construction
2. Available in 0, 15, 30 & 45 degree Deflection
3. Optional Oppose Blade Damper for Supply Air Grille

Model

1. SHP-00/15/30/45 For 00/15/30/45 Degree Deflection
2. SHP-00/15/30/45 For 00/15/30/45 Degree Deflection with Damper

Aluminium Curved Grille

ALUMINIUM Curved GRILLES are used in interior of large office, hospitals, public area of hotels, malls for supply & return air for uncluttered looking wall & ceiling. These Grilles are available in standard 1.8 metre length with perfect alignment between two adjusting grilles. These grilles have fixed air deflection of 0, 15, 30, or 45 degree. The vertical air pattern control can be achieved by installing adjustable louvers in supply air collar behind the grille



Features

1. Extruded Aluminium Construction
2. Available in 0,15,30 & 45 Degree Deflection
3. Optional Oppose Blade Damper for Supply Air Grille

Model

1. SHP-00/15/30/45 For 00/15/30/45 Degree Deflection
2. SHP-00/15/30/45 For 00/15/30/45 Degree Deflection with Damper

HVAC PRODUCT

ALUMINIUM GRILLES

Aluminium Single Deflection Grille

SINGLE DEFLECTION GRILLES / REGISTERS, are widely used for supply air on side walls. Aerofoils shape louver in vertical or horizontal position, which help of the adjustable air pattern controlling louver two ways air deflection can achieved. Choice of horizontal or vertical louver on front side is available. For adjusting air quality, an opposed blade damper can attached with grille.



Features

1. Extruded Aluminium Construction
2. Individually Adjustable Aerofoil Shaped Louvers
3. Nylon Brushing for Smooth Operation
4. Optional Oppose Blade Damper for Supply Air Grille

Model

- | | |
|------------------|--|
| 1. SHP-SH/SV | SH for front Louver Horizontal & SV for Front Louver Vertical |
| 2. SHP-SH/SV-SAG | SH for front Louver Horizontal & SV for Front Louver Vertical Damper |

Aluminium Double Deflection Grille

DOUBLE DEFLECTION GRILLES / REGISTERS, commonly used for side walls application. Available with Horizontal and Vertical louver with help of the adjustable air pattern controlling louver Four way air deflection can be achieved. Generally opposed damper is not used for return air, however damper can be provided for special application.



Features

1. Extruded Aluminium Construction
2. Individually adjustable Aerofoil Shaped Louvers
3. Nylon Bushing for Smooth Operation
4. Optional Oppose Blade Damper for Supply Air Grille

Model

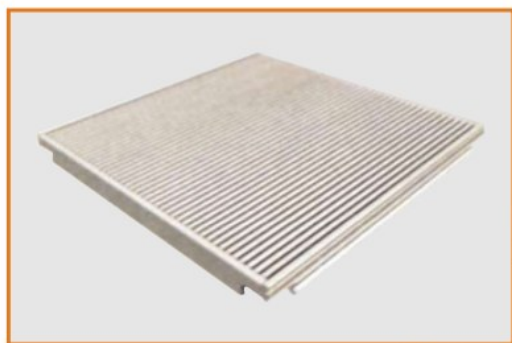
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|-------------------|---|
| 1. SHP-DDG-HV | HV for front Louver Horizontal & Rear Louver Vertical |
| 2. SHP-DDG-VH | VH for front Louver Vertical & Rear Louver Horizontal |
| 3. SHP-DDG-HV-SAG | HV for Front Louver Horizontal & Rear Louver Vertical with Damper |
| 4. SHP-DDG-VH-SAG | VH for Front Louver Vertical & Rear Louver Horizontal with Damper |

HVAC PRODUCT

Aluminium Grilles, Linear Slot Diffuser

Aluminium Floor Grille

Floor Grilles, are used where Precision Air-conditioning is done with under floor air distribution system, like computer room, sever room or telecommunication centres. These grilles are available in heavy Duty Extruded Aluminium or CRCA steel perforated sheet duly powder coated.



Features

1. Heavy Duty Extruded Aluminium Construction
2. Volume Control damper attached with Grilles
3. Designed to fit in False Flooring of 2' x 2' tile
4. Optional oppose blade damper for supply air grill

Model

- | | |
|----------------|-----------------------------|
| 1. SHP-AFG | Without Oppose Blade Damper |
| 2. SHP-AFG-SAG | With Oppose Blade Damper |

Aluminium Door Transfer Grille

DOOR TRANSFER GRILLES, used in the cabins door, to transfer return air in to the general area or to open office. Optional double frame is provided to match aesthetic appearance of the grille from both side of the door.



Features

1. Extruded Aluminium construction
2. Light Transfer Proof, no see through type horizontal fixed louvers
3. Optional both side frame

Model

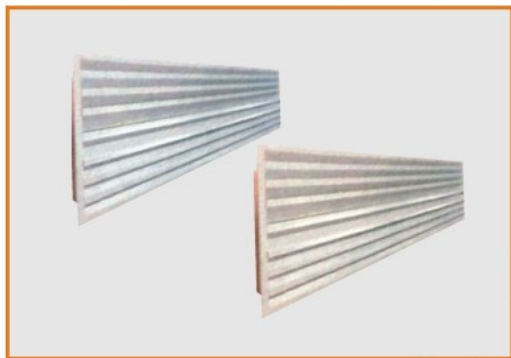
- | | |
|---------------|---------------------|
| 1. SHP-DTG-SF | For One Side Frame |
| 2. SHP-DTG-DF | For Both Side Frame |

HVAC PRODUCT

Aluminium Grilles, Linear Slot Diffuser

Aluminium Linear / Strip line Diffuser

Aluminium Linear Diffuser, are suitable for draft free supply air from ceiling. Available in one way or two way discharge pattern.



Features

1. Extruded Aluminium Construction
2. 45 degree Discharge parallel to ceiling
3. Optional Collar Damper

Model

- | | |
|--------------|-------------|
| 1. SHP-LD-OW | For One Way |
| 2. SHP-LD-TW | For Two Way |

Aluminium Slot Diffuser

ALUMINIUM SLOT DIFFUSER, are available from 1 to 8 slot in 12.5mm (0.5 inch), 19mm (0.75inch) and 25mm (1inch) slot width. Air flow can be adjusted with help of air pattern controller. Air quantity and be regulated by adjusting collar damper through the slot.



Features

1. Extruded Aluminum Construction
2. Inbuilt Air Pattern Controller
3. Easy Operation of Collar Damper through the Slot

Model

- | | |
|------------------|---|
| 1. SHP-50/75/100 | 50= 12.5mm (0.5inch), 75= 19mm(0.75inch) & 100 = 100mm (1inch) slot width |
| 2. SHP-50/75/100 | 50= 12.5mm (0.5inch), 75= 19mm(0.75inch) & 100 = 100mm (1inch) slot width |

HVAC PRODUCT

Aluminium Diffuser

Aluminium Modular Diffuser

MODULAR DIFFUSER used for Modular Ceiling in Armstrong type tile ceiling, which is fast substituting conventional Gypsum ceiling. These Diffusers enables to match tile size irrespective of collar size of the diffusers. These Diffusers are designed to bend with tile used for ceiling and are available in two standard patterns, flush (Lay- In) / and Tegular.



Features

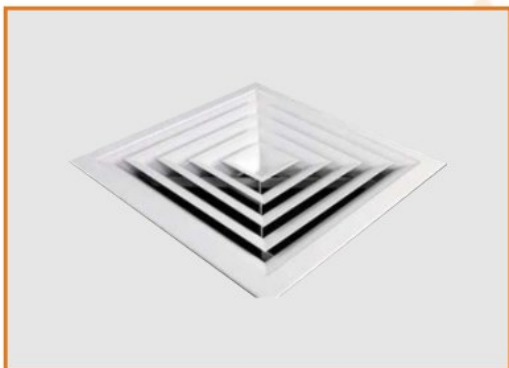
1. Extruded Aluminium or One Piece Joint less Inner Core
2. Standard Dimension 595 x 595 mm to match the modular ceiling Frame work
3. Flush or Tegular patterns to match ceiling tile design
4. Optional with Oppose Blade Damper

Model

- | | |
|----------------|--|
| 1. SHP-FL / TG | For Flush or Tegular without Oppose Blade Damper |
| 2. SHP-D-FL/TG | For Flush or Tegular with Oppose Blade Damper |

Aluminium Square Diffuser

SQUARE / RECTANGULAR CEILING DIFFUSER, gives a draft free air distribution. Four way Square / Rectangular distribution allows equal supply in all four direction, while three, two or on way diffusers permits the supply in desired direction. Removable centre core arrangement enables conceal fixing without visible mounting screws and also easy excess to the volume control damper for balancing the air conditioning system.



Features

1. Extruded aluminium or One Piece Joint Less aluminium Sheet Construction
2. Available with attached Damper in case of supply air diffuser
3. 1,2,3 & 4 way combination for desired air direction
4. Optional with Oppose Blade damper

Model

- | | |
|--------------|--------------------------------------|
| 1. SHP-SQD | Diffuser without Oppose Blade Damper |
| 2. SHP-SQD-D | Diffuser with Oppose Blade Damper |

HVAC PRODUCT

Aluminium Diffuser

Aluminium Swirl Diffuse

SWIRL DIFFUSER used for high air quality and high ceiling areas. Four way air distribution with adjustable curved louvers can be achieved.



Features

1. Extruded Aluminium Construction
2. Four way uniform Air Distribution
3. Curved Blade Pattern

Model

- | | |
|--------------|-----------------------------|
| 1. SHP-ASD | Without Oppose Blade Damper |
| 2. SHP-ASD-D | With Oppose Blade Damper |

Aluminium Helical Swirl Diffuser

HELICAL SWIRL DIFFUSER - the salient feature is to create high induction ratio and a rapid consolidation of supply air and room temperature as a result of helical air stream discharge. This diffuser is capable of handling high air discharge with out draft. This diffusers are supplied with acute angled deflectors which are adjusted for desired air flow.



Features

1. Made of Aluminium sheet / G.I. Sheet Steel
2. Designed for T Bar Modular ceiling application
3. Available in 12/24/32/48 slots
4. Inbuilt Butterfly damper with plenum box is optional for supply air

Model

- | | |
|-----------------------|---|
| 1. SHP-12/24/32/48 | For 12 Slot / 24 Slot/ 32 Slot / 48 Slot |
| 2. SHP-12/24/32/48-PL | For 12 Slot / 24 Slot/ 32 Slot / 48 Slot with Plenum Box for Supply Air |

HVAC PRODUCT

Aluminium Diffuser

Aluminium Plaque / Architectural Diffuser

PLAQUE DIFFUSER are the latest trend in the Architectural Industry. It satisfy architectural as well as engineering purpose. With unconstructive face, it provide simple design to match with most ceiling systems.



Features

1. Aluminium Construction
2. Removable core type
3. Maintains horizontal flow pattern
4. Optional used for Gypsum or Modular ceiling also

Model

- | | |
|--------------|-----------------------------|
| 1. SHP-APD | Without Oppose Blade damper |
| 2. SHP-APD-D | With Oppose Blade damper |

Aluminium Perforated Diffuser

PERFORATED CEILING DIFFUSERS are elegant looking combines both aesthetic and engineering criteria. High recommended for higher ventilation application. It bends with modern false ceiling and tile ceiling systems.



Features

1. Aluminium Construction
2. Two way/Four Way air distribution can be achieved
3. Attached Collar damper is optional
4. CNC punching for accurate perforation

Model

- | | |
|--------------|-----------------------------|
| 1. SHP-APD | Without Oppose Blade Damper |
| 2. SHP-APD-D | With Oppose Blade Damper |

HVAC PRODUCT

Aluminium Diffuser

Aluminium Round Diffuser

ROUND CEILING DIFFUSER provides an alternative option to square or rectangular diffuser, to provide draft free supply air. Made out of aluminium sheet, removable core construction improves aesthetic by elimination visible mounting screws.



Features

1. Aluminium Sheet Construction
2. Removable Inner Core
3. Butterfly Type Damper for Supply Air

Model

- | | |
|--------------|--------------------------|
| 1. SHP-ARD | Without Butterfly Damper |
| 2. SHP-ARD-D | With Butterfly Damper |

Aluminium Jet Diffuser

ALUMINIUM JET DIFFUSER used for very high ceilings and large supply air quantities or side-wall installation with long throws and quite performance. Commonly used in Airport Terminals. Television Studios, Indoor Sports stadiums and High Building Atriums.



Features

1. Aluminium Construction
2. Optional with or without volume Control Damper.

Model

- | | |
|--------------|-------------------------------|
| 1. SHP-AJD | Without Volume Control Damper |
| 2. SHP-AJD-D | With Volume Control Damper |

HVAC PRODUCT

Aluminium Diffuser

Aluminium Jet Nozzle

Jet Nozzles are used where for long throw is required, which is not possible through ceilings diffusers like Connection centre, Airport Terminals, Indoor stadium, auditorium, malls etc. Jet Nozzles are installed on side walls can be turned through 30 degree from its centre line axis and rotated 360 degree.



Features

1. Aluminium Construction
2. Easy and Smooth Operating
3. Available in 4", 6", 8", 10", 12" & 15" Diameter Sizes.

Model

- | | |
|--------------|-------------------------------|
| 1. SHP-AJN | Without Volume Control Damper |
| 2. SHP-AJN-D | With Volume Control Damper |

Disc Valve

IDISC VALUE are used for supply or exhaust air. The air volume, noise level and pressure drop can be regulated with help of adjustable inner core.



Features

1. Made out of Sheet Steel / Rigid Plastic ABS
2. Adjustable centre core
3. Available in 4", 6" & 8" Diameter Size

Model

- | | |
|---------------|-------------------|
| 1. SHP-DV | Metal Disc Value |
| 2. SHP-DV-ABS | Rigid Plastic ABS |

HVAC PRODUCT

Aluminium Diffuser

Aluminium Oppose Blade Damper

ALUMINIUM OPPOSE BLADE DAMPER, regulates Air volume from particular collar while balancing air conditioning system. Generally installed behind grilles or diffusers, Opposed blade operation for better regulation of air volume



Features

1. Extruded Aluminium Construction
2. Nylon gear for Smooth Operation

Model

1. SHP-AL-OB D Aluminium Oppose Blade Damper

Round Duct Damper

ROUND DUCT VOLUME CONTROL DAMPERS, are installed in branches of air distribution ducts to regulate air volume in different branches to achieve rough balancing of the system. The fine balancing is carried out at individual grilles & Diffuser Outlet.



Features

1. G.I. Steel Construction

Model

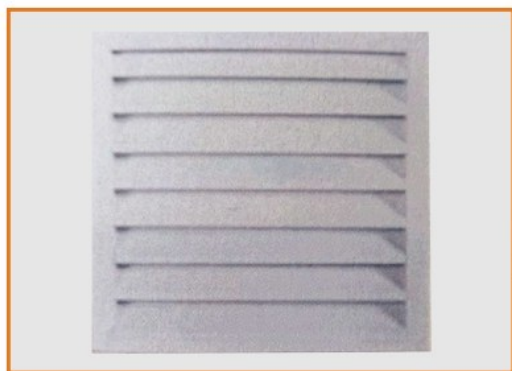
1. SHP-RDD Round Duct Volume Control Damper as per requirement.

HVAC PRODUCT

Aluminium Diffuser

Aluminium / G. I. louvers

INTAKE/ EXHAUST LOUVERS are specially designed to match the aesthetic appearance of building. The blades are fixed at 45degree to create no see through effect and also to achieve excellent rain protection feature. Optional Bird Screen is provided to prevent entry of any flying object.



Features

1. Available in Extruded Aluminum or G.I. Sheet Steel
2. Blades Fixed at 45 Degree
3. Excellent Rain Protection Feature
4. Optional Bird Screen

Model

- | | |
|---------------------|--|
| 1. SHP-LUV-AL | For Aluminium Intake / Exhaust Louvers |
| 2. SHP-LUV-GI | For G.I. Intake / Exhaust Louvers |
| 3. SHP-LUV-GI/AL-BS | For G.I. / Aluminium Intake/Exhaust louvers with bird screen |

Aluminium / G. I. Gravity Louver

ALUMINIUM JET DIFFUSER used for very high ceilings and large supply air quantities or side-wall installation with long throws and quite performance. Commonly used in Airport Terminals. Television Studios, Indoor Sports stadiums and High Building Atriums.



Features

1. Heavy Duty 16 Gauge construction
2. Standard Sleeve Length of 350 mm & 600 mm Optional

Model

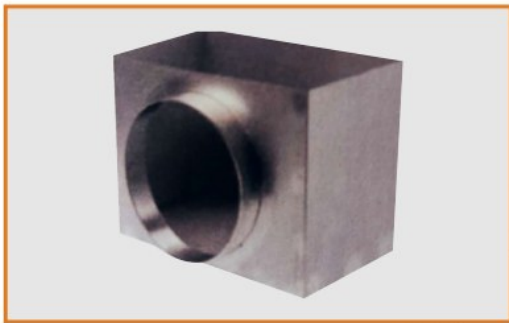
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|-----------------|---------------------------------|
| 1. SHP-FD-MO | Motorised Operation |
| 2. SHP-FD-MO-SL | Motorised Operation with Sleeve |

HVAC PRODUCT

Aluminium Diffuser

G.I. Plenum Box

G.I. PLENUM BOX is used for custom flow supply air. Engineered Plenum is manufactured of heavy gauge wipe coat steel. It attaches quickly and easily to the diffuser stack with sheet metal. These units are insulated / no-insulated with a side inlet / top inlet collar. When Plenum supplied and damper is required, damper will be factory installed in the plenum.



Features

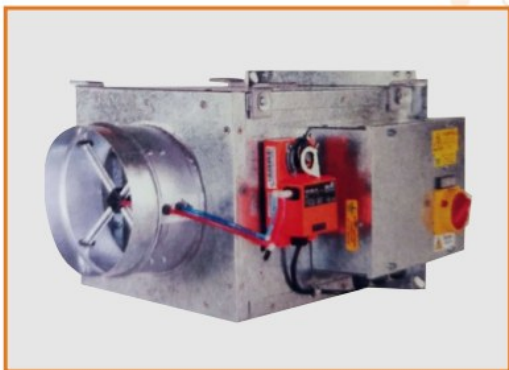
1. G.I. Steel Construction
2. Applicable for linear grille and slot diffuser
3. Available in round and oval shape inlet for top or side plenum box

Model

- | | |
|---------------|----------------------------|
| 1. SHP-PLS-GI | Plenum box with Side Inlet |
| 2. SHP-PLT-GI | Plenum box with Top Inlet |

Variable Air Volume Box (VAV Box)

VARIABLE AIR VOLUME BOXES, allows to adjust the air volume into the room, as per the selection of the VAV boxes maintaining temperature in the room either by regulating temperature setting. The VAV boxes are of three different variants. Pressure dependent, Pressure independent and By pass type. Different Models from 250CFM onwards. All VAV Boxes are Acoustically insulated as standard feature.



Features

1. Galvanized Sheet Steel Construction
2. Three Different Variants available
3. Acoustically Insulated

Model

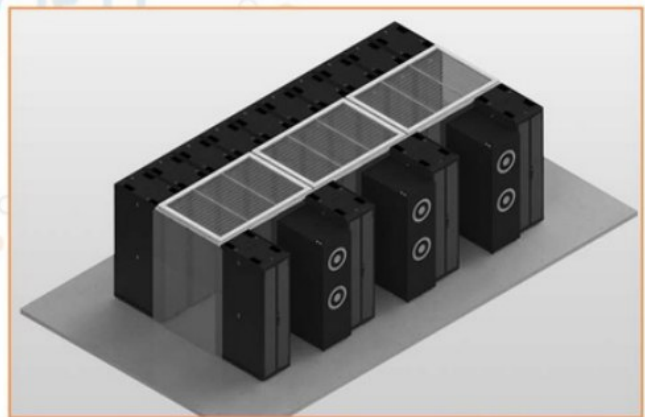
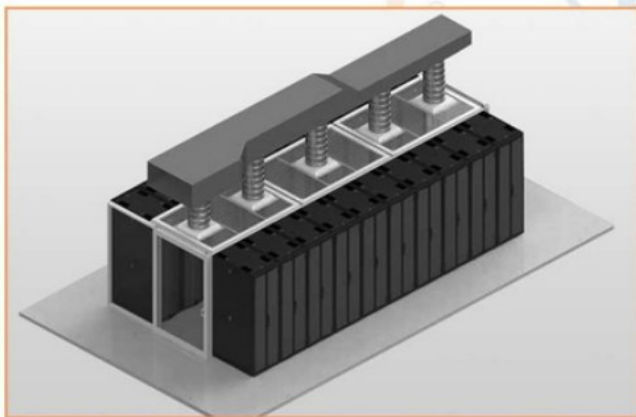
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|----------------|-------------------------------|
| 1. SHP-VAV-BP | For By Pass Type |
| 2. SHP-VAV-PD | For Pressure Dependent Type |
| 3. SHP-VAV-PID | For Pressure Independent Type |

HVAC PRODUCT

Cold Aisle Containment

What is Cold Aisle Containment?

- Minimizes cold and hot air mixing so the return temperature to the cooling unit is higher.
- Extending IT equipment life.
- Cold Aisle Containment Reduces Hot Spots.
- Cold Aisle Containment Lowers Carbon Emissions.
- The energy savings alone has saved hundreds of millions of dollars and has greatly decreased data centers' carbon footprint.



HVAC PRODUCT

Air Filter

Pre-Filter



Fine Filter



Conventional
HEPA Filter



Super HEPA Filter



HVAC PRODUCT

Air Filter

Minipleat HEPA
Filter(Gasket Seal)



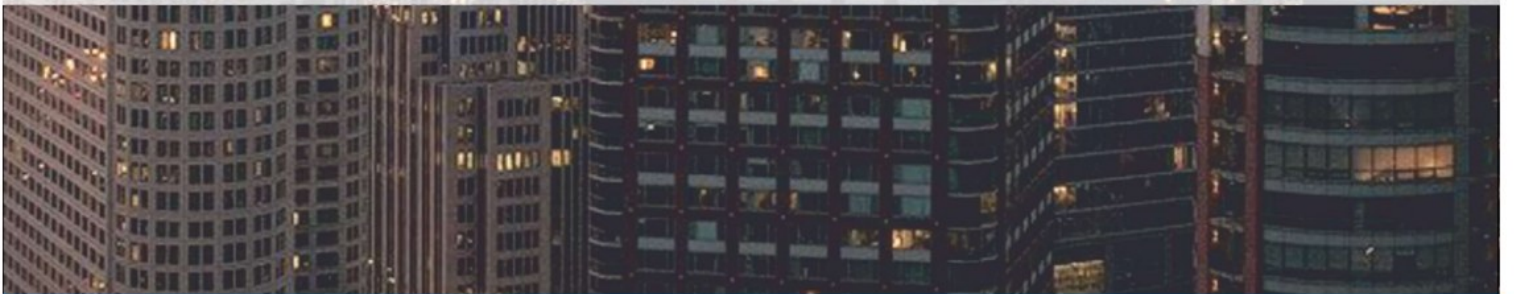
Minipleat HEPA
Filter(Gel Seal)





SKYRO HVAC PRODUCTS PVT. LTD.

BUILDING TRUST.



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