



Branch Office

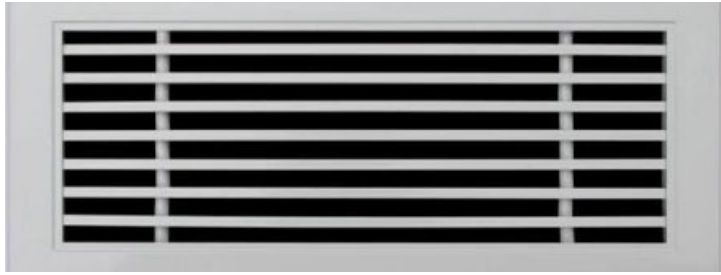
Flat No-103, Sai Brundhavanam Residency 1
Khailash Hills, Hyderabad, Medchal Malkajgiri,
Hyderabad, Telangana, 500055,

Sales Office

Vijayawada Branch Address: 59A-15-31/1,
NTR CIRCLE, BHADRAIAH NAGAR, Patamata,
Vijayawada, NTR, Andhra Pradesh, 520010

**HVAC-ADP
CATALOGUE**

LINEAR FIXED BAR GRILLE



- Linear Fixed Bar Grille for Supply & Return Air.
- Manufactured from Alimunium Extrusion, Powder Coated White.
- Normal Blade 3mm Thickness Bar Profile, Grille Height 20mm.
- Fixing: Standard by Screw or Concealed Fixing on Demand.



Model
Blade Angle 0° Deflection, Blade Pitch 12.5mm.
Blade Angle 15° Deflection, Blade Pitch 12.5mm.
Blade Angle 30° Deflection, Blade Pitch 12.5mm.
Blade Angle 45° Deflection, Blade Pitch 12.5mm.
Blade Angle 0° Deflection, Blade Pitch 18mm.
Blade Angle 15° Deflection, Blade Pitch 18mm.
Blade Angle 30° Deflection, Blade Pitch 18mm.
Blade Angle 45° Deflection, Blade Pitch 18mm.

Model
Blade Angle 0° Deflection, Blade Pitch 12.5mm.
Blade Angle 15° Deflection, Blade Pitch 12.5mm.
Blade Angle 0° Deflection, Blade Pitch 14mm.
Blade Angle 15° Deflection, Blade Pitch 14mm.
Blade Angle 0° Deflection, Blade Pitch 18mm.
Blade Angle 15° Deflection, Blade Pitch 18mm.



LINEAR FIXED BAR GRILLE

- Linear Fixed Bar Grille for Supply & Return Air.
- Manufactured from Alimunium Extrusion, Powder Coated White.
- Normal Blade 5mm Thickness Bar Profile, Grille Height 20mm.
- Fixing: Standard by Screw or Concealed Fixing on Demand.

LINEAR BAR ADJUSTABLE BLADE GRILLE



- Front Horizontal Fixed Bar and Rear Vertical Adjustable Blades
- Manufactured from Aluminum Extrusion, Powder Coated White.
- Fixed Bar Blade 12.5 mm.
- Fixing: Standard by Screws or Concealed Fixing on Demand.

Model
Blade Angle 0° Deflection, Blade Thickness 5mm.
Blade Angle 15° Deflection, Blade Thickness 5mm.
Blade Angle 0° Deflection, Blade Thickness 3mm.
Blade Angle 15° Deflection, Blade Thickness 3mm.



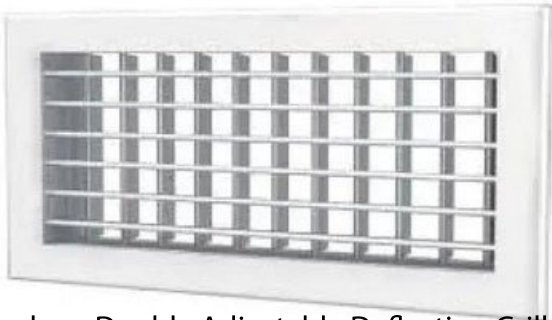
Model
Blade Angle 0° Deflection.
Blade Angle 15° Deflection.
Blade Angle 30° Deflection.
Blade Angle 45° Deflection.



FIXED BAR EXHAUST AIR GRILLE

- Linear Fixed Bar Return Air Grille with Standard Border Frame of 20mm, Blade Pitch 20mm.
- Manufactured from Aluminum Extrusion, Powder Coated White.
- Fixing: Standard by Screws or Concealed Fixing on Demand.

ADJUSTABLE BLADE GRILLE



- Single or Double Adjustable Deflection Grille for Supply and Return Air
- Manufactured from Aluminum Extrusion, Powder Coated White.
- Fixing: Standard by Screws or Concealed Fixing on Demand.

Details

Single Louvred Horizontal Blade

Single Louvred Vertical Blade

Double Louvred Front Horizontal & Rear Vertical Blade

Double Louvred Front Vertical & Rear Horizontal Blade



- Return Air Perforated Core Grille with Standard Border Frame of 20mm.
- Manufactured from 18 G Aluminum Sheet with 50-55% Perforation, Standard Powder Coated White.
- Fixing: Standard by Screws or Concealed Fixing on Demand.

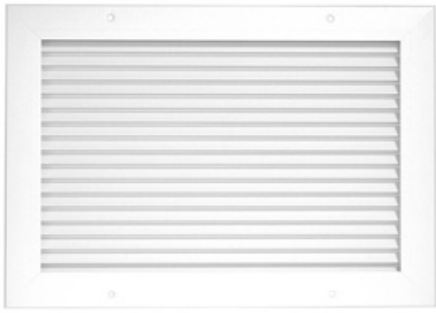


LINEAR FIXED BAR FLOOR GRILLE



- Fixed Bar Single or 4 Quadrant Grille with Removable Cores.
- Blade Angle 0° & Deflection 15°, Size 595x595mm Outer Size.
- Manufactured from Aluminum Extrusion Blade & GI Frame, Powder Coated White.

AIR TRANSFER NON VISION GRILLE



Model
AT

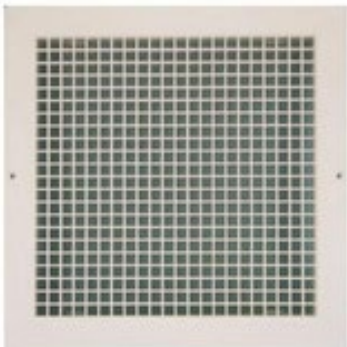
- Non Vision Air Transfer Grille/ Door Transfer Grille.
- Manufactured from Aluminum Extrusion, Powder Coated White.
- Available with Matching Front & Rear Borders, Small Format Type.
- Fixing : With Screw Systems or by Sealant.



- Manufactured from Aluminum Extrusion, Powder Coated White.
- Ideal for Duct, Door or Wall Mounting for Transmission loss.
- Fixing : Screw System

ACOUSTIC TRANSFER GRILLE

EGG CRATE GRILLE



UNIQUE
Air Systems

Model
With Aluminum Egg Crate Cores.
Out Size 595 x 595 mm

- Return Air Grille.
- Manufactured from Aluminum, Powder Coated White.
- Fixing : Standard through Screws or Concealed Fixing on Demand.

Model
Blade Angle Deflection 0° / 15°

- Fixed Bar 4 Way Special Grille.
- Manufactured from Aluminum Extrusion, Powder Coated White.
- Fixing : Standard by Screw or Concealed Fixing on Demand



4 WAY SPECIAL GRILLE

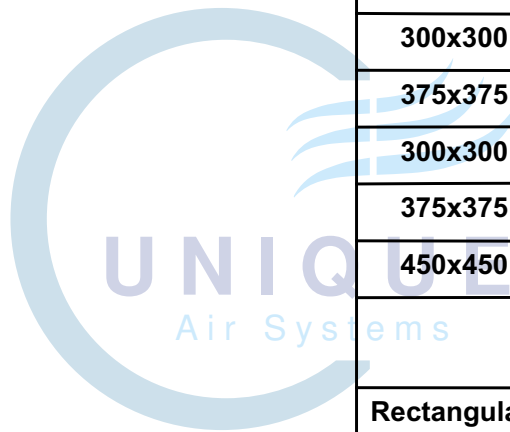
MULTICONE CEILING DIFFUSER



- Linear Fixed Bar Grille for Supply & Return Air.
- Manufactured from Alimunium Extrusion, Powder Coated White.
- Normal Blade 3mm Thickness Bar Profile, Grille Height 20mm.
- Fixing: Standard by Screw or Concealed Fixing on Demand.

Note:

Model
Jointless One Piece Diffuser
Diffuser with Anti Smudge Border.
Grid Type Diffuser
Tegular/Toggle Type Diffuser, Having Step in the Border-Suitable for Armstrong Ceiling



Model
150x150 mm Neck / 295x295 mm Out Size
225x225 mm Neck / 370x370 mm Out Size
300x300 mm Neck / 445x445 mm Out Size
375x375 mm Neck / 520x520 mm Out Size
450x450 mm Neck / 595x595 mm Out Size
150x150 mm Neck / 275x275 mm Out Size
225x225 mm Neck / 350x350 mm Out Size
300x300 mm Neck / 425x425 mm Out Size
375x375 mm Neck / 500x500 mm Out Size
450x450 mm Neck / 570x570 mm Out Size
225x225 mm Neck / 595x595 mm Out Size
300x300 mm Neck / 595x595 mm Out Size
375x375 mm Neck / 595x595 mm Out Size
300x300 mm Neck / 595x595 mm Out Size
375x375 mm Neck / 595x595 mm Out Size
450x450 mm Neck / 595x595 mm Out Size
Rectangular Removable Core Styles 1/2/3 way

Model
450x450 mm Neck / 595x595 mm Out Size

- Plaque Type Architectural Ceiling Diffuser used for Supply and Return Air.
- Manufactured from Aluminum, Powder Coated White.



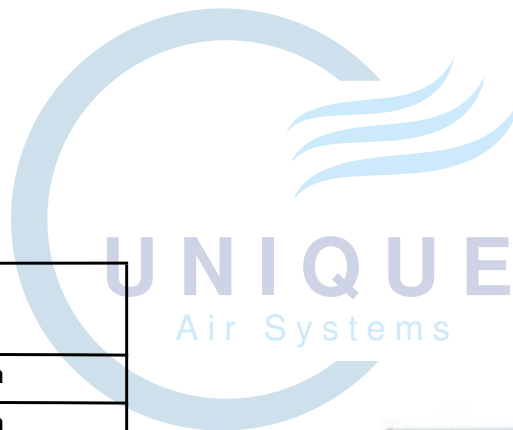
PLAQUE DIFFUSER

CURVED BLADE SLOT DIFFUSER



Model
1 Slot
2 Slot
3 Slot
4 Slot
5 Slot
6 Slot

- Continuous linear Slot Diffuser with Curved Blades and Height of Diffuser 45mm with end Flanges/Mitered Corners as Required.
- Manufactured from Aluminum, Powder Coated White.
- Fixing : Hidden Screw through Slot Opening / Directly to the Plenum Outlet / Duck Neck



Model
1 Slot GI Construction
2 Slot GI Construction
3 Slot GI Construction
4 Slot GI Construction
5 Slot GI Construction
6 Slot GI Construction
1 Slot, Aluminum Construction
2 Slot, Aluminum Construction
3 Slot, Aluminum Construction
4 Slot, Aluminum Construction
5 Slot, Aluminum Construction
6 Slot, Aluminum Construction



HIT & MISS DAMPER

- Hit & Miss Damper for Slot Diffusers.
- Manufactured from Aluminum or GI Sheets.

CONTINUOUS SLOT DIFFUSER



Model
1 Slot - 38 / 76 mm
2 Slot - 79 / 114 mm
3 Slot - 117 / 152 mm
4 Slot - 155 / 190 mm
5 Slot - 193 / 228 mm
6 Slot - 231 / 266 mm

- Slot Diffuser with Adjustable Internal Control Flow Vanes, Height 90 mm with end Flanges / Mitered Corners as Required
- Manufactured from Aluminum, Powder Coated White.
- Fixing : Hidden Screw through Slot Opening / Directly to the Plenum Outlet / Duck Neck

Model
1 Slot - 38 / 76 mm
2 Slot - 79 / 114 mm
3 Slot - 117 / 152 mm
4 Slot - 155 / 190 mm
5 Slot - 193 / 228 mm
6 Slot - 231 / 266 mm



LOW PROFILE SLOT DIFFUSER

- Low Profile Slot Diffuser with Sliding Flow Control Vanes, Height 45mm with end Flanges / Mitered Corner as Required.
- Manufactured from Aluminum or GI Sheets.
- Fixing : Hidden Screw through slot Opening / Directly to the Plenum Outlet / Duct Neck.

LINEAR DIFFUSER



Model
1 Slot - 46 / 89 / One Way
2 Slot - 84 / 127 / One Way
3 Slot - 122 / 165 / One Way
4 Slot - 160 / 203 / One Way
5 Slot - 198 / 241 / One Way
6 Slot - 237 / 279 / One Way
2 Slot - 84 / 154 / One Way
3 Slot - 122 / 192 / One Way
4 Slot - 160 / 230 / One Way
5 Slot - 198 / 268 / One Way
6 Slot - 237 / 306 / One Way

- Linear Ceiling Diffuser with Fixed Deflectors 1 to 6 Slots, 1 or 2-Way Deflection with end Flanges / Mitered Corners as Required
- Manufactured from Aluminum, Powder Coated White.
- Fixing : Hidden Screw through Slot Opening / Directly to the Plenum Outlet / Duck Neck

Model
With Coating on Front Face Only
With Coating on Complete LFD

- Low Profile Slot Diffuser with Sliding Flow Control Vanes, Height 45mm with end Flanges / Mitered Corner as Required.
- Manufactured from Aluminum or GI Sheets.
- Fixing : Hidden Screw through slot Opening / Directly to the Plenum Outlet / Duct Neck.



LAMINAR FLOW DIFFUSER

MULTI CONE JET DIFFUSER



Model
Neck 250 mm Dia Steel Plate Powder Coated.
Neck 315 mm Dia Steel Plate Powder Coated.
Neck 380 mm Dia Steel Plate Powder Coated.
Neck 250 mm Dia Without Plate
Neck 315 mm Dia Without Plate
Neck 380 mm Dia Without Plate

- Circular Multi-Cone Jet Diffuser with Rotatable & Reversible Core For Supplying Air to Large Area's with Adjustable Throw and Distribution Pattern
- Manufactured from Aluminum, Powder Coated White.



Model
150 mm Dia, Height 90 mm
200 mm Dia, Height 90 mm
250 mm Dia, Height 90 mm
300 mm Dia, Height 90 mm
375 mm Dia, Height 90 mm
450 mm Dia, Height 90 mm



- Circular Ceiling Diffuser with Removeable Core and Non Adustable Cone.
- Manufactured from Aluminum, Powder Coated White.

CIRCULAR DIFFUSER

SPOT JET NOZZLE DIFFUSER



- Spot Jet Nozzle Diffuser for Supply Air into Large Areas.
- Manufactured from Aluminum, Powder Painted White.

Model
100mm Nozzle Size / Diffuser Dia 200mm
165mm Nozzle Size / Diffuser Dia 304mm
225mm Nozzle Size / Diffuser Dia 410mm

Model
100mm Dia
125mm Dia
160mm Dia
200mm Dia
250mm Dia
315mm Dia
400mm Dia
500mm Dia



- Long Throw Jet Nozzles, Aesthetic Design with Decorative Ring, Spot Cooling, Adjustable in All Directions Up to a max of 40°
- Manufactured from Aluminum, Powder Painted White.
- Fixing: Concealed Screws.

LONG THROW JET NOZZLE

DRUM JET DIFFUSER



- Drum Jet Diffuser with Adjustable Vanes in Left & Right Direction, Used for Long Throw & High Air Volume, Adjustable Up to 40° Up & Down.
- Manufactured from Aluminum Powder Coated White.

ADJUSTABLE VANE SWIRL DIFFUSER

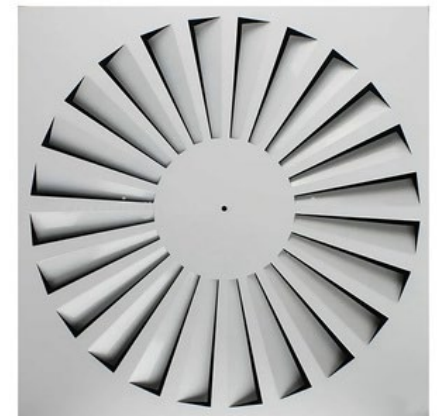


Model
Out Size 395 X 395mm with 16 Vanes
Out Size 495 X 495mm with 16 Vanes
Out Size 595 X 595mm with 16 Vanes
Out Size 595 X 595mm with 24 Vanes
Out Size 625 X 625mm with 24 Vanes
Out Size 595 X 595mm with 32 Vanes

- Swirl Ceiling Diffuser for Air Supply or Return with Adjustable Blades
- Manufactured from Steel Sheet Powder Painted White.
- Fixing: Central Screw through Diffuser front Blade.



Model
315 mm Neck Dia / Out Size 595 x 595mm
400 mm Neck Dia / Out Size 595 x 595 mm



- Swirl Ceiling Diffuser with Fixed Blades and Conic Outlet.
- Manufactured from Aluminum Sheet, Powder Painted White.
- Fixing: Screw on the Plenum Box, Drop Rods on Ceiling, Suitable for Installation in 600 x 600 T-Bar Ceiling.

FIXED VANE SWIRL DIFFUSER

OPPOSED BLADE DAMPERS



Model
Aluminum Extruded Damper
M.S. Black Painted Damper
GI Black Painted Damper

- Opposed Blade Damper with Adjustable Blade
- Used with Grilles, Diffusers etc.
- Material of Construction available in GI, AL & MS.
- Blades can be Adjustable ; LN Key / Screwdriver.



Model
150mm Dai, with 200mm Sleeve
200mm Dai, with 200mm Sleeve
250mm Dai, with 200mm Sleeve
300mm Dai, with 200mm Sleeve
375mm Dai, with 200mm Sleeve
150mm Dia w/o Sleeve
200mm Dia w/o Sleeve
250mm Dia w/o Sleeve
315mm Dia w/o Sleeve
380mm Dia w/o Sleeve



- Round Butterfly Balancing Damper for Balancing Air Flows in Round Plenum Inlets, or Outlets.
- Manufactured from Aluminum Sheet.
- Manually Operated with Central Screw.
- Optional Extra : - Extended Casing Sleeve.

BUTTERFLY DAMPER (DUAL FLAP)

BUTTERFLY DAMPER (SINGLE FLAP)



Model
150mm Dia
200mm Dia
250mm Dia
300mm Dia
350mm Dia
400mm Dia

- Round Duct Balancing Damper & Round Duct Shut-off Damper.
- Manufactured from Galvanized Steel Sheet as Standard
- For Flexible Duct Connection with 20 G GI Flange.
- Can be Operated Manually with Quadrant or with Actuator.

Model
Aerofoil Blade Sections 100mm Wide.



- Regulating Volume Control Damper with Low Leakage.
- Opposed Blade Operation, Blade Linkage with Operating Gear fully Enclosed and Stainless Steel Side Seal Gaskets.
- Manufactured from Extruded Aluminum Blade & Frame.

LOW LEAKAGE VOLUME CONTROL DAMPER ALUMINUM

LOW LEAKAGE VOLUME CONTROL DAMPER (GI)

Model
18G Frame, 20G Blade
16G Frame, 16G Blade



- Volume Control Dampers Opposed Blade Operation
- Manufactured from Galvanized Sheet Frame & Reinforced Single Skin, 20G GI Blade 100 mm wide & 18G GI Frame 120 mm Wide.
- Chrome Plated Spindles, Self Lubricating Bronze Bushes, Blade Linkage Fully Enclosed, Stainless Steel Side Seal Gaskets on Blade Tips Complete with Status Indicator Lockable in Closed / Open Position.

NORMAL DUCT DAMPER

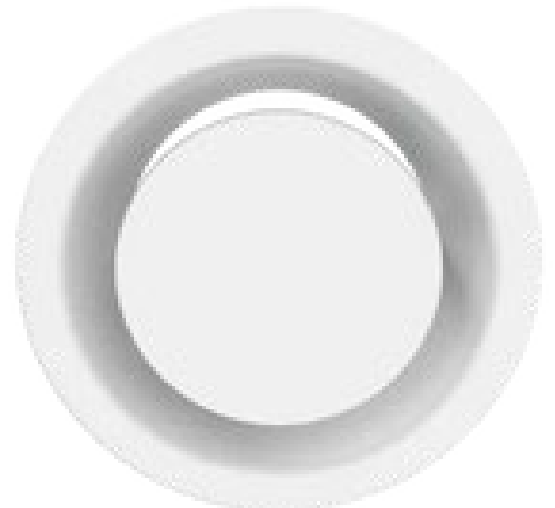


- Manufactured from 20G GI Blade, 100 mm Wide, 18G GI Frame 120 mm wide.
- Chrome Plated Spindles, Self Lubricating Bushes, Blade Linkage Fully Enclosed, Handle Operation with Status Indicator.

Model
18G Frame, 20G Blade
16G Frame, 16G Blade



Model
125mm Dia
150mm Dia
200mm Dia



- Manufactured from Galvanized Steel Powder White.
- Fixing: Standard through Spring System

EXHAUST AIR VALVE

SAND TRAP LOUVERS



- Ideal for Preventing Sand Entering Ventilation System.
- Manufactured from 18G Heavy Duty Aluminum Sheet.
- Integral Collection Chute.

Model
Small Format - 38mm Width
Large Format - 76mm Width
Large Format - 76mm Width



- Fresh Air/Exhaust Air Louvers
- Manufactured from 18G GI Frame/Extruded Aluminum Blade, Power Coated White Complete with Bird Screen

EXTERNAL WEATHER LOUVERS

Note:
Filter Frame for Above Louvers

Model
25mm Thick Filters

GRAVITY LOUVERS



Model
20G Frame / 22G Blade
20G Frame / 22G Blade with Linkage
18G Frame / 20G Blade
18G Frame / 20G Blade with Linkage

- Manufactured from Galvanised Steel Sheet and Aluminum.
- Fixing to the Wall / Duct.
- Availability of Biggest Sizes in Partition

SOUND ATTENUATOR



- Square and Rectangular Sound Attenuators
- Manufactured from 20 G GI Sheet. Acoustic Insulation Made of Fiberglass Tissue Protected by Aluminum Perforated Plate.
- Attenuating Splitters are Constructed from Press Formed Frame.
- Attenuator Casing is Welded and Sealed with Mastic to Assure Low Casing Leakage.

Model
Dia 4" (100mm) (Uninsulated)
Dia 6" (150mm) (Uninsulated)
Dia 8" (200mm) (Uninsulated)
Dia 10" (250mm) (Uninsulated)
Dia 12" (300mm) (Uninsulated)
Dia 14" (350mm) (Uninsulated)
Dia 16" (400mm) (Uninsulated)
Dia 18" (450mm) (Uninsulated)
Dia 20" (500mm) (Uninsulated)
Dia 4" (100mm) (Insulated)
Dia 6" (150mm) (Insulated)
Dia 8" (200mm) (Insulated)
Dia 10" (250mm) (Insulated)
Dia 12" (300mm) (Insulated)
Dia 14" (350mm) (Insulated)
Dia 16" (400mm) (Insulated)
Dia 18" (450mm) (Insulated)
Dia 20" (500mm) (Insulated)



FLEXIBLE DUCT

- Flexible Duct is Class 1 Air Duct, Light Weight, Strong Fully Flexible
- Manufactured from Double Lamination of Films Permanently Bonded to a Coated Spring Tough Steel Wire Helix.
- Thermal Efficiency is Provided by Wrapping the Exterior with a Blanket of Fiberglass Wool Insulation in Various Densities & thickness

PLENUM BOX

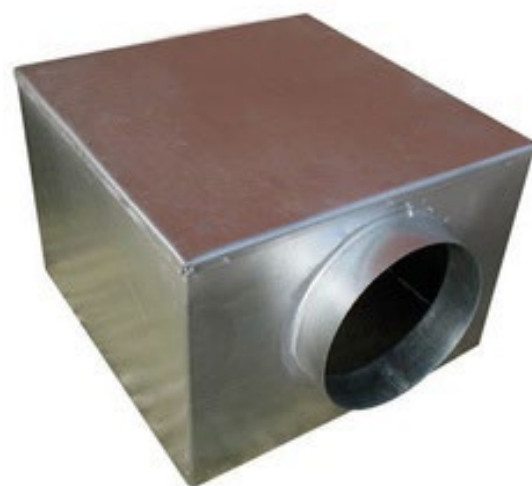


- Side Entry Plenum Box for Square Diffusers.
- Manufactured from 24G GI Sheet in 250 mm Dia.
- Used for Both Exhaust and Supply Air.
- Can be used Conjunction with Diffuser for Pressure Reduction and Air Stream Balancing.

Model
500x500x350mm / 450x450mm
425x425x350mm / 375x375mm
350x350x350mm / 300x300mm



Model
18G Aluminum Sheet Powder Coated
300 x 300mm Neck x 225mm Dia
375 x 375mm Neck x 250mm Dia
450 x 450mm Neck x 250mm Dia
22 G GI Sheet w / o Powder Coated
300 x 300mm Neck x 225mm Dia
375 x 375mm Neck x 250mm Dia
450 x 450mm Neck x 250mm Dia



- Top Entry Plenum Box with Spigot Connection for Square Diffusers.
- Manufactured from High Quality GI Sheets.
- Used for Both Exhaust and Supply Air.
- Can be used in Conjunction with Diffuser for Pressure Reduction and Air Stream Balancing.

PLENUM BOX WITH SPIGOT

CBRI APPROVED FIRE DAMPERS



- Fusible Link Type & Motorized Type Fire Dampers.
- Manufactured from 16 G GI Sheet for Blades & Casing.
- Fire tested by CBRI Roorkee for 120 minutes fire rating as per UL555-1995.
- Heavy Duty Interlocking Blades & Fully Enclosed Blade Linkage Mechanism. Self Lubricating Sintered Bronze Bushes.
- WGDRS1 Fire tested as Per BS-476 Part 20, 120 Minutes Constructed with Aerofoil 20 Gauge Galvanized steel Blade and Stainless Steel Parts.

Model
Fusible Link Type W/o Extended Sleeve/165 mm Casing
Fusible Link Type W/o Extended Sleeve/250 mm Casing
Fusible Link Type With 18G 450 mm Extended Sleeve
Fusible Link Type With 18G 600 mm Extended Sleeve
Fusible Link & Spring Mechanish Per Module
Motorised Type W/o Extended Sleeve/165 mm Casing
Motorised Type W/o Extended Sleeve/250 mm Casing
Motorised Type With 186 450 mm Extended Sleeve
Motorised Type With 18G 600 mm Extended Sleeve
Rating BS-476 Part 20, W/o Extended Sleeve/165 mm Casing
Rating BS-476 Part 20, With 18G Extended Sleeve 400 mm

Model
With GI 673mm Sleeve
With GI 673mm Sleeve



- Fire and Smoke Damper are ULS55 and UL 555 5 Certified with Class 1 Leakage.
- Manufactured from Double Skin Aerofoil, Heavy Duty Interlocking Blades with Fully Enclosed Blade Linkage Mechanism.
- High Performance Blade Seal and Precised Stainless Steel Side Seal.
- Ul Listed Actuarors with Auxillary Switch.
- Fixing : Inside the Duct with Screws

**PLENUM BOX
WITH SPIGOT**