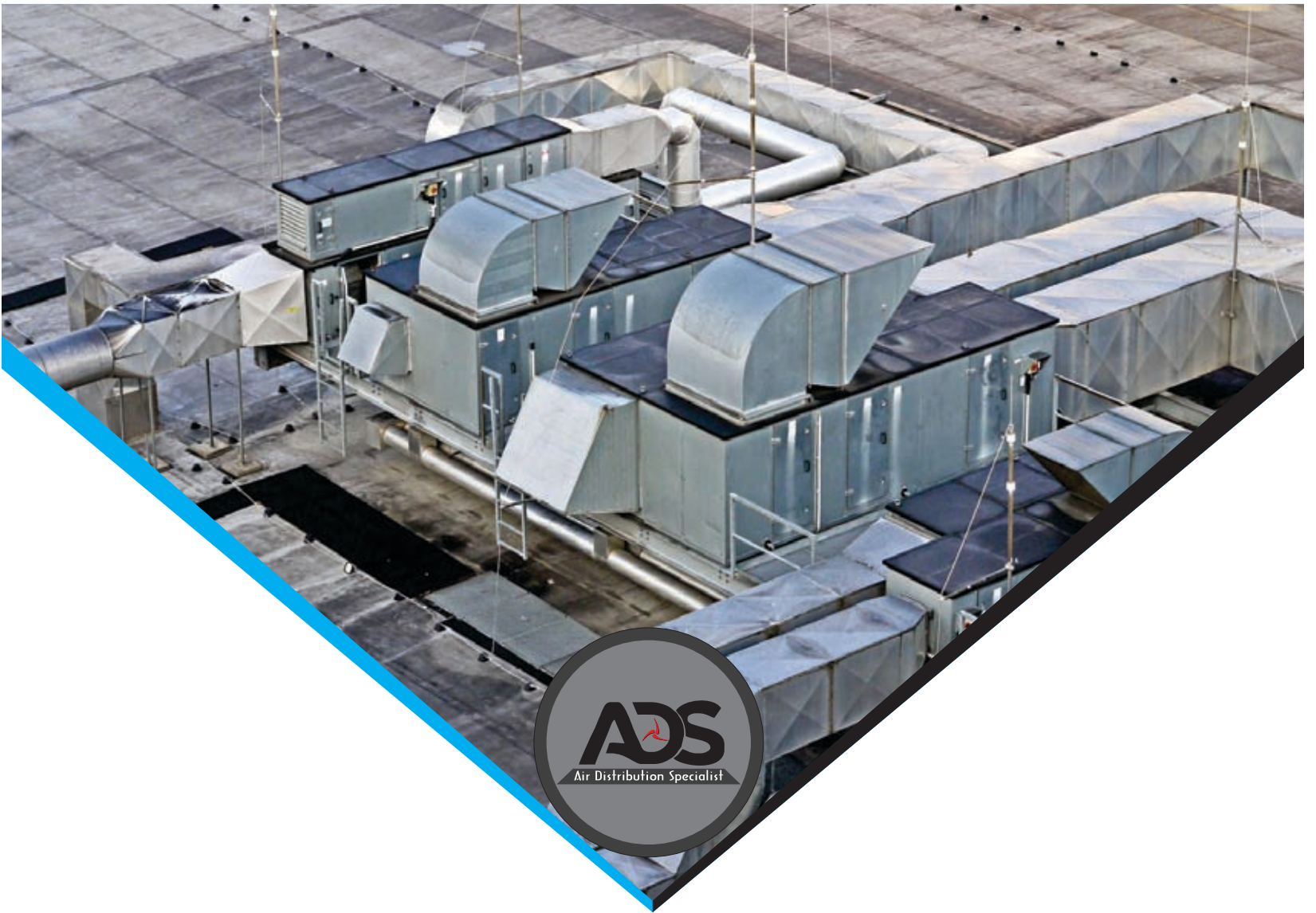




# AIR DISTRIBUTION SPECIALIST

Air Distribution Specialist



## OUR VISION

By continually delivering products and services that exceed the customer's expectations, the company continues to advance into the future as a leading Engineering and Material Handling, enterprise in India and, eventually, the region.

## OUR MISSION

Serves as a framework for all aspects of our company. We create an entrepreneurial attitude and knowledge development inside the organization, which encourages innovation, job happiness, technological enhancement, and achievement through performance recognition. With our workforce, we aim for continuous information improvements. Learning is a major priority in our firm since it is the only way to stay competitive in today's global market. Our management philosophy is "if you help us expand the firm, we will help you grow your career."

## ABOUT US

Welcome to Air Distribution Specialist (ADS), your ultimate destination for top-notch central air conditioning solutions tailored for commercial and industrial spaces. Committed to technical excellence, we take pride in manufacturing precision-engineered products using the latest technologies.

Our expertise lies in understanding the diverse needs of our clients, offering unbiased advice, and providing robust solutions for complex engineering challenges. Strategically located in Noida at the heart of the National Capital Region (NCR), our manufacturing unit enables efficient nationwide product delivery through a streamlined logistics network. Specializing in essential HVAC components such as Grills, Diffusers, Spot Diffusers/Nozzles, Dampers and associated accessories, we take pride in offering a wide variety of options to suit the unique requirements of your project.



# AC & VENTILATION GRILLS

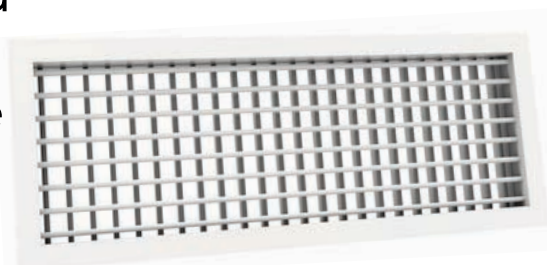
## LINEAR FIXED BAR GRILL

- Complete Constructions are of Extruded Al Profile
- Louver Thickness:- 5 MM from front
- Angle of Deflection: 0 / 15 Degree
- Finish: Mill Finish/Powder Coated



## DOUBLE DEFLECTION GRILL

- Complete Constructions are of Extruded Al Profile
- Front Blades are Horizontally adjustable
- Rear Blades are Vertically adjustable
- Standard: 0 Degree Deflection
- Finish: Mill Finish/Powder Coated



## PERFORATED GRILL

- Frame made out of Extruded Al Profile
- Fixed mesh of perforated Al Sheet
- Perforation Dia - 4-6 mm
- Free Area - Approx 50%
- Finish: Mill Finish/Powder Coated







## FLOOR GRILL

- Grill Frame & Blade made out of Extruded Al Profile
- One row of Horizontal Fixed Blades / Optional can be fixed in 4 Quadrants
- Frame & Blade Insert are Detachable. from the GI Frame
- Heavy duty T Bar frame of GI Construction
- Finish: Mill Finish/Powder Coated



## DOOR TRANSFER GRILL

- Complete Construction are of Extruded Al Profile
- Horizontally fixed blade designed
- Counter Frame for the back side of the door
- 100% non – vision, No see through.
- Finish: Mill Finish/Powder Coated



## FRESH AIR INTAKE LOUVER

- Complete Constructions are of Extruded Al Profile
- Louvers are complete with mesh on the back side.
- Front Screw flange for fixing at wall/platform
- Finish: Mill Finish/Powder Coated





# DIFFUSERS

## SQUARE DIFFUSER

- Frame made out of Extruded Al Profile
- Inner rings are die pressed high grade Al sheet
- Removable core for easy installation & Damper adjustment
- Finish: Mill Finish/Powder Coated
- Available Neck Size - 150mm, 225mm, 300mm, 375mm, 450mm



## EXTENDED PLATE TYPE FLAT DIFFUSER

- Frame made out of One piece joint less Al high grade Profile
- Inner rings are die pressed high grade Al sheet
- Std. 4 way, specially meant for Grid Ceiling
- Removable core for easy installation & Damper adjustment
- Finish: Mill Finish/Powder Coated



## PLAQUE TYPE FLAT DIFFUSER

- Frame made out of Extruded Al Profile
- Inner core is made up of high grade Al sheet
- Std. 4 way
- Suitable to match with the Grid Ceiling system
- Removable core for easy installation & Damper adjustment
- Finish: Mill Finish/Powder Coated





## SLOT DIFFUSER

- Complete Construction are of Extruded Al Profile
- Single Piece Max Length of 1800 mm
- Available in 1 – 8 row/slots
- Adjustable Black discharge elements in back side
- Finish: Mill Finish/Powder Coated



## ROUND DIFFUSER

- Complete construction are of high grade Al sheet
- Central Removable core
- Finish: Powder Coated
- Available Neck Sizes - 150mm, 200mm, 250mm, 300mm, 400mm, 450mm



## EXHAUST VALVE/DIFFUSER

- Construction-High Grade steel sheet.
- Application - Toilet or other exhaust areas
- Adjustable Air flow rate
- Airflow adjustment is done by rotating the disc in clock and anti-clock wise direction
- Finish: Mill Finish/Powder Coated





# SPOT DIFFUSER/NOZZLES

## EYE BALL TYPE JET NOZZLES(DOUBLE SKIN)

- Made out of high Grade Al sheet
- For air supply with large throw distance
- Adjustable discharge angle +/- 30 Degree
- Finish: Mill Finish/Powder Coated
- Available with or without GI Butterfly Damper
- Available Sizes - 150mm, 200mm, 275mm, 315mm, 400mm



## SPOT DIFFUSER (SINGLE SKIN)

- Made out of high Grade Al sheet
- For air supply with large throw distance
- Adjustable discharge angle +/- 30 Degree
- Finish: Mill Finish/Powder Coated
- Available with or without GI Butterfly Damper
- Available Sizes - 200mm, 300mm, 400mm



## MULTICONE TYPE JET DIFFUSER

- Construction - High Grade Al sheet.
- For air supply with large throw distance
- Adjustable discharge by 360 Degree
- Finish: Mill Finish/Powder Coated
- Available with or without GI Butterfly Damper
- Available Sizes - 250mm, 315mm, 380mm, 450mm





# DAMPERS

## KEY TYPE COLLAR DAMPER

- Frame & Blade made out of Extruded Al Profile
- Manual key type regulation / control of airflow in collar ducts
- Mounted on Neck of Grills / Diffusers
- Plastic Bushes for easy operation
- Finish: Black / Mill Finish
- Also available in Mild Steel / GSS Construction



## BACK DRAFT DAMPER/GRAVITY LOUVER

- Construction - Aluminium/Galvanised Steel Sheet
- Do not allow air to enter from other side
- Duct / Wall mounted Frames
- Finish: Mill Finish/Powder Coated



## 2-FLAP ROUND BUTTERFLY DAMPER

- Manual control of airflow in round collar ducts
- Made out of high grade Galvanised sheet
- Finish: Mill Finish
- Optional: Extended sleeve







## ROUND DAMPER SINGLE BLADE

- Frame & Blades are made from high grade Galvanised sheet
- Control mechanism with open / close indication
- Self-locking control mechanism made of rubber is installed in dampers
- Optional: One side Flange



## GI VOLUME CONTROL DAMPER

- Manual control of airflow in main & branch ducts
- Frame & Blades are made from galvanised steel sheet
- Control mechanism with open / close indication
- 3 V Groove type blade for proper shutting of the damper
- Optional: Motorised / Motor Drive



## EXTRUDED AL DAMPER - LOW LEAKAGE

- Complete construction of high grade extruded Al profile.
- Opposed blade operation with PVC gears for smooth opening & closure function
- Control mechanism with open/close indication
- Specially designed Aerofoil blades with tip seals provide excellent sealing characteristics





## GI FIRE DAMPER - WITH OR WITHOUT SLEEVE

- Frame & Blades are made out of galvanised steel sheet in 1.6 mm thickness
- Application - for the isolation of duct penetrations between Fire compartments
- 3 V Groove type blade for proper shutting of the Fire damper
- Motorised Fire Dampers are with spring return Electric Actuator integrated with fully automatic operation
- Fire resistant damper blade & release mechanism(In Fusible link type dampers)
- Stainless Steel pop up side seal for positive closure
- Standard Sleeve Length - 400mm



## OTHER PARTS & ACCESSORIES

### SPIGOTS

- Made out of high Grade Galvanised Sheet.
- Available in 2" or 3" height options
- Made in Single piece joint-less construction.
- Finish: Mill Finish



### PLENUM BOX (SIDE/TOP INLET)

- Made out of high Grade Galvanised steel sheet
- Plenum boxes are used in Supply / Exhaust air through Grills & Diffusers
- Can be connected regardless of straight ducting





## OUR CLIENTS



**THE BIG CHILL**  
**CAFÉ**



**THE**  
**Raymond**  
**SHOP**

  
**PUNJAB GRILL**



FOR THE LOVE OF CINEMA™

**Gillette**

  
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**SHOPPERS STOP**



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