

OUR OTHER PRODUCTS

- Air Treatment Unit • Fan Coil Unit • Evaporative Air Cooling Unit
- Air Scrubber • Pressurisation Unit • Acoustic Door



AIR TERMINAL PRODUCT



- Grilles • Diffusers • Louvers • Dampers • Fire & Smoke Dampers



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An ISO 9001:2008 Certified Company

Air Terminal Products

We have come a long way and seen a sea of changes in the advancement of Air Terminal Products. The Architectural interior design and the priorities of the ultimate user have revolutionized the manufacturing of the end Terminal Products. With over three decades of experience both in the supply and installation, we have now developed a different concept, a different look and a different world in the manufacturing of Air Terminal Products including circular curvature linear grilles for specific demand. Our products render excellent air flow, low noise level transmission & minimum pressure drop.

Double Louvered Grille (Model: BT-ALG-1)

- Features:**
- For Supply / Return / Exhaust Air
 - Horizontal and vertical louvers to adjust direction of flow.
 - Suitable for mounting on the duct collar/ ceiling/ wall.
 - Front/ rear louvers can be fixed/ adjustable type.
- Construction:** Extruded aluminium.
- Finish:** Natural anodized/ Powder coated in customized color.



Fixed Bar Grille (Model: BT-FG-2)

- Features:**
- For Supply / Return / Exhaust Air
 - Fixed core linear bar grille with end flanges.
 - Suitable for mounting on the duct collar/ ceiling/ wall.
 - Available upto 3.5 RMT length of each grille.
 - Louvers available with 0°, 15°, 30°, 45° deflection.
- Construction:** Extruded aluminium.
- Finish:** Natural anodized/ Powder coated in customized color.

Fixed Bar Linear Grille (Model: BT-LG-3)

- Features:**
- For Supply / Return Air
 - Continuous fixed core linear bar grille/ No intervening flanges.
 - Suitable for mounting on wall/ ceiling.
 - Curved linear grille are available as an option.
 - Available upto 3.5 RMT length of each grille.
 - Louvers available with 0°, 15°, 30°, 45° deflection.
- Construction:** Extruded aluminium.
- Finish:** Natural anodized/ Powder coated in customized color.



2 Way Grille (Model: BT-TWG-4)

- Features:**
- Supply air fixed multi louvers symmetrically fixed for either rectangular/ square pattern design for two dimensional distribution of air.
- Construction:** Extruded aluminium.
- Finish:** Natural anodized/ Powder coated in customized color.

Air Transfer Door Grille (Model: BT-DTG-5)

- Features:**
- For Return/ Exhaust Air
 - Inverted Vee-horizontal strip for non vision construction from privacy point of view.
- Construction:** Extruded aluminium.
- Finish:** Natural anodized/ Powder coated in customized color.



Egg Crate Grille (Model: BT-ECG-6)

- Features:**
- Resembles EGG crate grille.
 - Sufficient free net area and return air collection grille.
 - Suitable for floor mounting application.
- Construction:** Extruded aluminium.
- Finish:** Natural anodized/ Powder coated in customized color.

Curved Grille (Model: BT-CVG-7)

- Features:**
- For supply air fixed bar multi louvers grille for directly mounting on the round duct or in the typical ceiling design.
 - Bars may be protruding either outwardly or inwardly depending upon the architectural requirement.
- Construction:** Extruded aluminium.
- Finish:** Natural anodized/ Powder coated in customized color.



Circular Grille (Model: BT-CRG-8)

- Features:**
- For Supply (Horizontal and vertical louvers) to adjust direction of flow suitable for mounting on the duct collars.
 - For return (Horizontal louvers) for directly mounting on the ceiling.
- Construction:** Extruded aluminium.
- Finish:** Natural anodized/ Powder coated in customized color.

4 Way Grille (Model: BT-FWG-9)

- Features:**
- Supply air fixed multi louvers symmetrically fixed for a square pattern design for all round distribution of air.
 - Suitable for mounting on duct collar/ ceiling.
- Construction:** Extruded aluminium.
- Finish:** Natural anodized/ Powder coated in customized color.



Square/ Rectangular Diffuser (Model: BT-ST-D-1)

- Features:**
- Multi pattern ceiling diffusers for draft free Comfort.
 - Available in 1/2/3 or 4 slots in Supply/ Return air application.
 - The frame may be ceiling flush or protruding type in any specific design be it V shaped or trapezoidal.
 - Suitable for mounting on duct collar /ceiling.

Construction: Extruded aluminium.
Finish: Natural anodized/ Powder coated in customized color.



Jet Diffuser (Model: BT-JD/SN-6)

- Features:**
- Circular multi core jet diffuser for supply air to long throws.
 - The diffuser's throw and distribution pattern are adjustable.

Construction: Extruded aluminium.
Finish: Powder coated.



Plaque Diffuser (Model: BT-PD-2)

- Features:**
- Plaque diffusers are the latest introduction.
 - Replaces 2/3/4 slots with a square plaque at the centre.
 - Normally used in corridor or in the areas where direct throw is not recommended.

Construction: Heavy gauge aluminium sheet.
Finish: Powder coated in customized requirement.



Linear Diffuser (Model: BT-LD-7)

- Features:**
- Linear ceiling diffuser with fixed deflection.
- Construction:** Extruded aluminium.
Finish: Powder coated as per customized requirement.

Circular Diffuser (Model: BT-CD-3)

- Features:**
- Supply/ Return/ Exhaust diffusers.
 - An another option for draft free comfort.
 - Suitable for mounting on duct collars/ ceiling.

Construction: Extruded aluminium.
Finish: Natural anodized/ Powder coated in customized color.



Swirl Diffuser (Model: BT-SWD-8)

- Features:**
- An ideal replacement to conventional circular and square ceiling diffusers.
 - Create horizontal helical airstreams with turbulent pattern in high induction ratio.
 - Maintains a balance between supply air/ room temperature.

Construction: Press formed blades. Face plates are fabricated from 16 gauge aluminium sheet/ MS sheet.
Finish: Epoxy/ powder coated in white/ off white/ Natural anodized.

(Model: BT-SW-D-8)



(Model: BT-SW-D-9)



Slot Diffuser (Model: BT-SD-4)

- Features:**
- For Supply/ Return air-both in horizontal & vertical flow in each slot individually.
 - Not recommended for direct throw application.
 - Suitable for mounting on duct collars/ ceiling.
 - Hit & Miss dampers are available as an option.

Construction: Extruded aluminium.
Finish: Natural anodized/ Powder coated in customized color.



Drum Jet Diffuser (Model: BT-DJD-10)

- Features:**
- Louvers are available in rectangular shape
 - Suitable for mounting directly on the duct/ recommended to be used for long throws.
 - Widely spaced vertical louvers, smoothly adjustable for left/ right/ straight throws for providing quick comfort.

Construction: Fabricated from heavy gauge aluminium sheet.
Finish: Powder coated in customized requirement.

Laminar Flow Diffuser (Model: BT-LFD-5)

- Features:**
- Available for flush mounting with the ceiling.
 - Suitable for mounting on the housing with aluminium opposed blade dampers on the rear side of the diffuser.
 - Key operated VCD from front.
 - Perforations may be either circular or slots design.

Construction: 18 gauge aluminium sheet.
Finish: Epoxy powder coated in white/ off white/ Natural anodized.



Exhaust Valve (Model: BT-E/ RV-1)

- Features:**
- Exhaust air from toilettries to remove smell and suffocation
- Construction:** Heavy gauge MS or PVC die formed as an option.
Finish: MS-Powder coated.





Jet Nozzle (Model: BT-JN-1)

- Features:**
- Adjustable nozzle for supply air suitable for high velocities and long throws.
 - Suitable for mounting on supply duct collars.
 - Specifically suitable for high elevation areas.
- Construction:** Extruded aluminium.
- Finish:** Natural anodized/ Powder coated in customized color.

Eye Ball (Model: BT-EB-2)

- Features:**
- Same application as that of jet nozzle.
 - Adjustable nozzle for supply air suitable for high velocities and comparative long throws.
 - Suitable for mounting on supply duct collar.
 - Specifically suitable for high elevation areas.
- Construction:** Extruded aluminium.
- Finish:** Natural anodized/ Powder coated in customized color.



Fresh and Exhaust Air Louver (Model: BT- F/ EL-1)

- Features:**
- For fresh air intake fixed louvers with bird screen.
 - Gravity louvers with bird screen for exhaust as an option.
- Construction:** Extruded aluminium or G.I.
- Finish:** Natural anodized/ Powder coated in customized color.

Gravity Louver (Model: BT-GR-L-2)

- Features:**
- Mainly installed vertically on the outer walls for low pressure/ velocity axial flow fans for exhaust application.
- Construction:** Aluminium or GI construction.
- Finish:** Natural anodized/ Powder coated in customized color.



Collar Damper (Key Type) (Model: BT- CD-1)

- Features:**
- For supply air & ideally suitable for mounting on duct collar for controlling the volume of air.
- Construction:** Extruded aluminium or MS.
- Finish:** Natural anodized/ Powder coated in customized color.

Collar Damper (Stick Type) (Model: BT CDST-2)

- Features:**
- For supply air.
 - Suitable for AHU outlet for adjusting the air flow
 - Adjustment is done with levers and handle arrangement.
- Construction:** Extruded aluminium or GI.
- Finish:** Natural anodized/ Powder coated in customized color.



Opposed Blade Type Duct Damper (Model: BT CDST-3)

- Features:**
- For supply air.
 - Suitable for adjusting the air flow in ducts.
 - Adjustment is done with levers and handle arrangement.
- Construction:** Extruded aluminium or GI.
- Finish:** Natural anodized/ Powder coated in customized color.

Low Leakage Duct Damper (Model: BT-LLD-4)

- Features:**
- Aerofoil design dampers with rubber lining along either of the width of each damper to ensure low leakage.
 - Adjustment is done with levers and handle arrangement.
- Construction:** Extruded aluminium or GI.
- Finish:** Natural anodized/ Powder coated in customized color.



Round Butterfly Damper (Model: BT- BD-5)

- Features:**
- For Supply air online/ supply air duct collars for balancing air flow in round collars.
 - The butterfly dampers are available in single or dual discs.
- Construction:** G.I. or Aluminium.
- Finish:** Natural G.I. finish/ Powder coated.

Fire Damper (Model: BT-FD-6)

- Features:**
- Multi blade held in open position with a stainless steel spring through fusible link for use in a fire rated wall.
 - Fire and smoke dampers are also available on demand.
- Construction:** Heavy gauge G.I. sheet.
- Finish:** Natural G.I.

