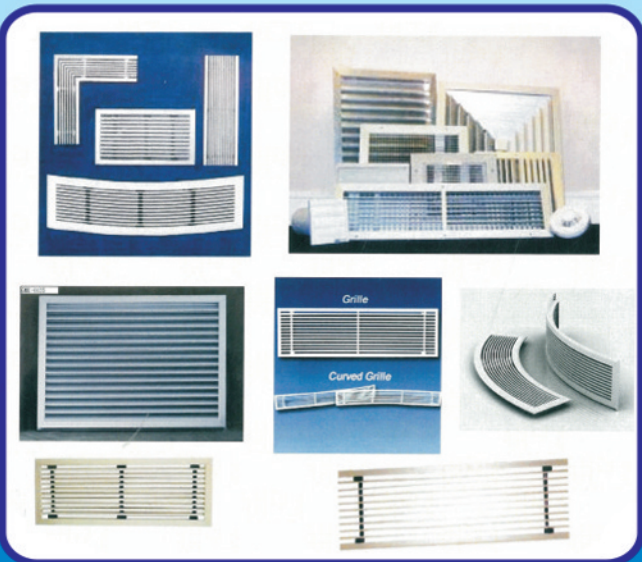




G.I. COLLAR DAMPERS



G.I. FIRE DAMPERS



ALUMINIUM GRILLS



G.I. VOLUME CONTROL DAMPERS



G.I. BUTTERFLY DAMPERS

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B.Tech. (Mech.)

Proprietor

PRABHAVATHI ENTERPRISES

Aluminium Grills, Extruded 4way Diffusers, Double Deflection Grills
 Curved Grills, G.I. Fire Damers, Volume Control Dampers, Motorised Dampers
 Double Skin AHU's, Air Cooling AHU's, Accoustic Pleenums, GiDucts, TDF Ducts
 Clean Room Products, G.I. Spill Air Boxes, G.I. Butterfly Dampers, Non-Vision Louvers

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G.I. BUTTERFLY DAMPERS



MANUAL ROUND/CIRCULAR SPIGOT OR BUTTER FLY DAMPERS

Dampers are available in various sizes like 150 mm dia round to 450 mm dia. Damper Body/frame is made in 20 gage and Blade is made in 22 gage. G.I. Single blade constructed in superior quality Galvanized Steel and is mounted on self-lubricating Nylon or Brass Bushings.

Damper Blade is in 3V Groove Blades. Standard Depth of Damper is 100 mm + Dia of the Damper and standard flange height is 25 mm to 40 mm depending upon the round duct size.

Damper is smoothly operated with Bakelite knob / GI handle fitted on quadrant. Quadrant are marked with OPEN/CLOSE position, so that exact position of Blade can be known.

Handle locking position is shown on the quadrant to know the exact position of the damper blade.

All joints are welded, grinded smoothly and protected by Zinc rich spray paint coating. (Powder Coating is Optional)

Blade stopper is provided with 10 mm 20 gauge GI sheet angle. Blade is fixed to the rotating pin and can be rotated in vertical position and from full open to full close.. Gasket is provided inside the frame to avoid leakages.

Standard dampers are available with un drilled holes on the flanges. Dampers without flanges are available as option for fixing in the walls etc.

Motorised Dampers are also available with Spring return electronic Actuator. Dampers are provided with 12.5mm / 16mm Dia shaft and self lubricated Bronze bushes with Gasket to make Damper low leakage operation.

Dampers are designed for different purposes like Ventilation, heating, Cooling, Air conditioning and Clean rooms & Dehumidification etc.

G.I. VOLUME CONTROL DAMPERS



MANUAL VOLUME CONTROL DAMPERS

Dampers are available in 16 gage/18g/20gauge. G.I. Multi blade constructed in superior quality Galvanized Steel and are mounted on self-lubricating Nylon or Brass Bushings.

Damper Blades are in 3V Groove Blades. Standard Depth of Damper is 150 mm.(100 mm is Optional) and standard flange height is 25 mm to 40 mm depending upon the duct size.

Dampers are smoothly operated with Bakelite knob / GI handle fitted on quadrant. Quadrant are marked with OPEN/CLOSE position, so that exact position of Blade can be known.

Handle locking position is shown on the quadrant to know the exact position of the damper blade.

All joints are welded, grinded smoothly and protected by Zinc rich spray paint coating. (Powder Coating is Optional)

Blade stoppers are provided with 15 mm to 20 mm 18 gauge GI sheet angle. Blade linkages are provided with either parallel operation or opposed blade operation.

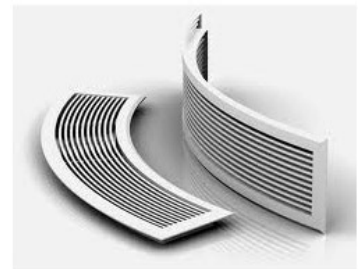
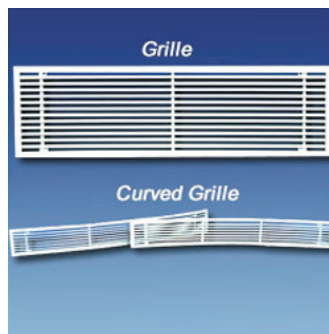
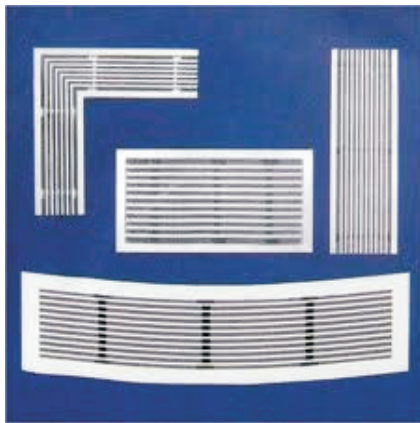
Standard dampers are available with un drilled holes on the flanges. Dampers without flanges are available as option for fixing in the walls etc.

Motorised Dampers are also available with Spring return electronic Actuator.

Dampers are provided with 12.5mm / 16mm Dia shaft and self lubricated Bronze bushes with aluminium jam seal (Compression type) to make Damper low leakage operation.

Dampers are designed for different purposes like Ventilation, heating, Cooling, Air conditioning and Clean rooms & Dehumidification etc.

ALUMINIUM GRILLS



SUPPLY / RETURN AIR, FRESH AIR AND EXHAUST AIR LINEAR GRILLS

All are made in Extruded Aluminium construction. These are manufactured by mechanical assembly to ensure rigidity and maintain appearance.

Available in 0°, 15°, 30° deflection angle. Made from high grade aluminium extrusion for maximum strength, corrosion resistance, rigidity & dimensional stability. (to maintain straight line appearance)

Outer frame flange width is 20 mm to 30 mm depending upon the requirement.

Inside profiles are aerofoil high quality aluminium bars with 0°, 15°, 30° deflection angle.

Available in 1 way throw or 2 way throw (not for 0°).

Inside bars spacing is 14 mm, 16 mm etc depending upon the requirement..
Inside horizontal bars are fixed to rigid vertical frame with 10 mm

aluminium pipes and taped aluminium rods for fixing screws to flange.
For joining two linear grills GI alignment strips are supplied as standard.
(For a continuous unbroken appearance like single continuous grill)

Gasket is provided on the back side of the Grill flange frame to avoid any leakages (Optional)

All are Powder coated with approved colours & RAL colour codes.

Powder coating thickness is maintained in between 70 to 90 Microns.

Grill width are 50 mm to any size depending upon the requirement.

Standard horizontal length is 1 meter.

Installation of the Grill can be either Spring clips or duct mounting using concealed brackets / screws.

G.I. COLLAR DAMPERS



MANUAL GI COLLAR DAMPERS

Dampers are available in 20 gage/2gauge. G.I. Multi blade constructed in superior quality Galvanized Steel and are mounted on linkage.

Damper Blades are in 3V Groove Blades. Standard Depth of Damper is 100 mm. Plastic bushes are provided for smooth operation.

Dampers are smoothly operated with Coated Screw fitted on vertical linkage strip. With this Screw the air volume can be regulated from the face opening at individual Grill/Diffuser.

All joints are welded, grinded smoothly and protected by Black matt spray paint coating. (Powder Coating is Optional)

Blade linkages are provided with either parallel operation or opposed blade operation.

Standard dampers are available with un drilled holes on the sides of dampers.

Dampers are designed for different purposes like Ventilation, heating,

Cooling, Air conditioning and Clean rooms & Dehumidification etc.

G.I. FIRE DAMPERS



FIRE DAMPERS

Dampers are available in 16 gage/18g/20gauge. G.I. Multi blade constructed in superior quality Galvanized Steel and are mounted on self-lubricating Nylon or Brass Bushings.

Damper Blades are in 3V Groove Blades. Standard Depth of Damper is 150 mm.(100 mm is Optional) and standard flange height is 25 mm to 40 mm depending upon the duct size.

Blades of the Dampers are held in “OPEN” Position by a high tensile Spring and Fusible link which is UL listed and UL approved and operated at 74 ° degree C. (CBRI Roorli tested as per UL 555).

Dampers are smoothly operated with Bakelite knob / GI handle fitted on quadrant. Quadrant are marked with OPEN/CLOSE position, so that exact position of Blade can be known.

Handle locking position is shown on the quadrant to know the exact position of the damper blade.

All joints are welded, grinded smoothly and protected by Zinc rich spray paint coating. (Powder Coating is Optional)

Blade stoppers are provided with 15 mm to 20 mm 18 gauge GI sheet angle.

Blade linkages are provided with either parallel operation or opposed blade operation.

Standard dampers are available with un drilled holes on the flanges. Dampers without flanges are available as option for fixing in the walls etc.

Motorised Dampers are also available with Spring return or Non spring return which activates in a signal from electronic Actuator.

Dampers are provided with 12.5mm / 16mm Dia shaft and self lubricated Bronze bushes with aluminium jam seal (Compression type) to make Damper low leakage operation.

Dampers are designed for different purposes like Ventilation, heating, Cooling, Air conditioning and Clean rooms & Dehumidification etc.

