



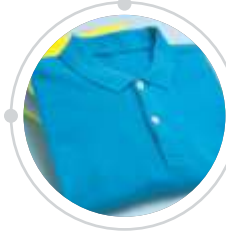
AUTOMOBILE MANUFACTURING



TRIDENT HYUNDAI
Drive Your Future Forward



ELECTRICAL COMPONENT MANUFACTURING

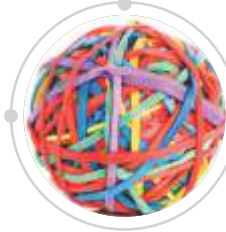


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Mobile Phone : +91 9686451711 | 8197671122 | 8197871122
www.airroofventilator.com

Design: LUMOS.in



SIMPLE • ELEGANT • EFFECTIVE



Leverage the power of wind to enhance efficiency and increase productivity, naturally.

Built-to-suit as per industrial needs.





AIR ROOF ventilators

Air Roof Ventilators (ARV) is a recognised name in the wind turbine air roof ventilator product segment, with hundreds of installations across diverse industries.

With a credible track record, expertise in rendering solutions to diverse industry segments and to leading brands, ARV is emerging as a leading industry player in the segment of Air Roof Ventilators and Roofing sheets.

ARV product range comprises of wind turbine air roof ventilators made of superior quality stainless steel and aluminium, equipped with a pre-fabricated base plate made of either Polycarbonate or FRP, in both opaque and translucent versions, and GI sheet metal.

ARV PRODUCT RANGE

- Air Roof Ventilators
- Ridge Ventilators
- Micro Ridge Ventilators
- Industrial Louvers
- Polycarbonate Base Plates
- Polycarbonate Roofing Sheets
- Roofing Sheets

AIR ROOF VENTILATORS

Wind driven turbine ventilators or Air Roof Ventilators work on the principle of wind assisted ventilation, which is independent of operating time. This System functions and performs with unlimited energy source like wind energy thus saving operational cost, wiring, maintenance, etc.

Air Roof Ventilators is an ideal option to be used for maintaining optimal temperature inside the structure, and to maintain the freshness. These Ventilators are easy to install on the roof of the structure, which spins in sync with the wind power.



FEATURES

- Low Maintenance
- Weather Friendly
- Long term Stability
- No Electricity required

SPECIFICATIONS

Air Roof Ventilators are manufactured with best quality Aluminium and Stainless steel materials.

Dimensions: Available in 8", 12", 14", 16", 18", 21", 24", 28", 32" and 34" (inches)



RIDGE VENTILATORS

Leveraging on the natural airflow, ARV range of ridge ventilators offer high performance and cost-effective ventilation solutions for commercial and industrial buildings.

Inspired by natural and engineering development, ARV vents use the naturally occurring phenomenon of thermodynamic forces to draw exhaust. ARV roof vents naturally extract airborne waste, low to medium heat from the building, providing optimum temperature combined with an infusion of fresh air into the building premises.

Using virtually no energy, ARV roof vents offer numerous cost advantages, making them a sustainable, environmentally friendly and effective alternative to mechanical ventilation systems.

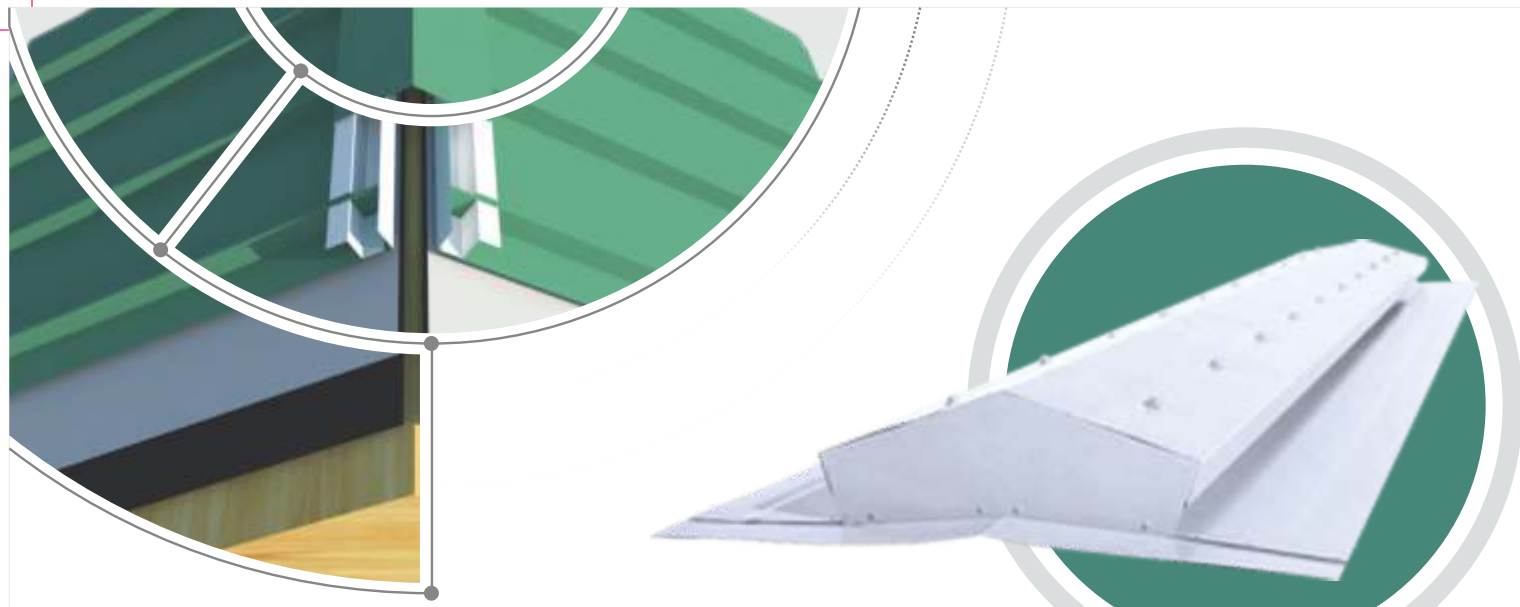
With a combination of innovation and experience, ARV roof ventilators have been developed and refined to incorporate the best materials and technologies, which ensures a highly durable and reliable product.

Highly versatile, our range of aesthetically-driven ridge ventilation display an appealing and non-obtrusive design, which will blend within the building architecture.

BENEFITS OF RIDGE & SLOPE VENTS

- Free of running cost and maintenance
- Air tight and water proof
- Economical
- Easy to install
- Aesthetically appealing with an unobtrusive low profile
- Natural and sustainable with self-cleaning drains
- High efficiency ventilation
- Durable and specifically designed to minimise wind load on your structure





MICRO RIDGE VENTILATORS

ARV micro ridge vents are aesthetically appealing, and are an extremely efficient means of ventilating metal roofs. Each unit is manufactured in 10 feet lengths and can be installed as a single unit or can be butted together to form a continuous run. By lapping the furnished joint covers over the top of the butted joints in a continuous run, the vent has the appearance of a single unit.

SPECIFICATIONS

Standard Size: Each 10 feet unit features 180 square inches of free area with a base rating of 450 CFM of air movement. Units in lengths less than 10 feet can be manufactured upon request. Throat size is determined by roof pitch.

Design: Aerodynamic, low-profile design enhances the looks and performance of architectural roof systems. The unit moves toward the ridge on floating roofs. Vents are made to match roof slope to maintain low-profile appearance.

Construction: Unit is factory assembled and ready for installation. Vent features a time-tested, economical, self-cleaning and durable ventilation core. All steel parts are 24-gauge.

Finish: Galvalume or Polar White finish is standard, and other colors are available including

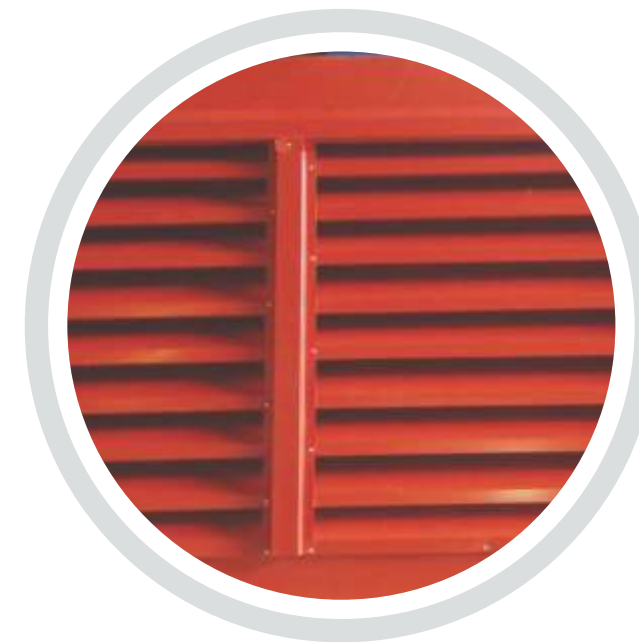
NOTE: Please specify flat or die-formed skirts, roof pitch and color when ordering.

INDUSTRIAL LOUVERS

ARV is a reputed, leading supplier of industrial louvers in India. Industrial Louvers are manufactured using superior quality material and latest techniques. ARV Louvers are fitted with horizontal and vertical slats that allow light and fresh air, reduces noise, restricts the entry of rain and direct sunlight.

Aluminium Louvers enhances a building structural aesthetic appeal and meets prerequisites of air ventilation, facilitating free flow of air with restricted entry of water and dust.

ARV Louvers are most preferred by industries due to its high durability and perfect design. Moreover, these are available in attractive colours / coatings to suit different types of exterior facades.



FEATURES

- Prevents water and dust
- Durable
- Easy to install

POLYCARBONATE BASE PLATES

Polycarbonate Base Plates are used to install Air Roof Ventilators on the roof of the structure. Polycarbonate sheets are an excellent replacement for FRP sheets.

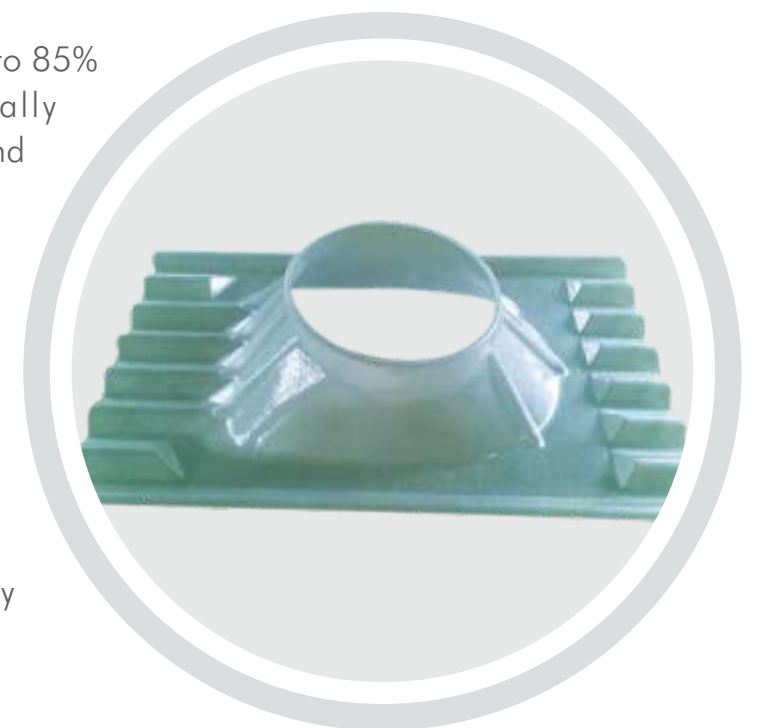
Polycarbonate base plates transmits light up to 85% for long time. These plates are virtually unbreakable, fire-retardant, UV-Resistant, and easy to handle & install.

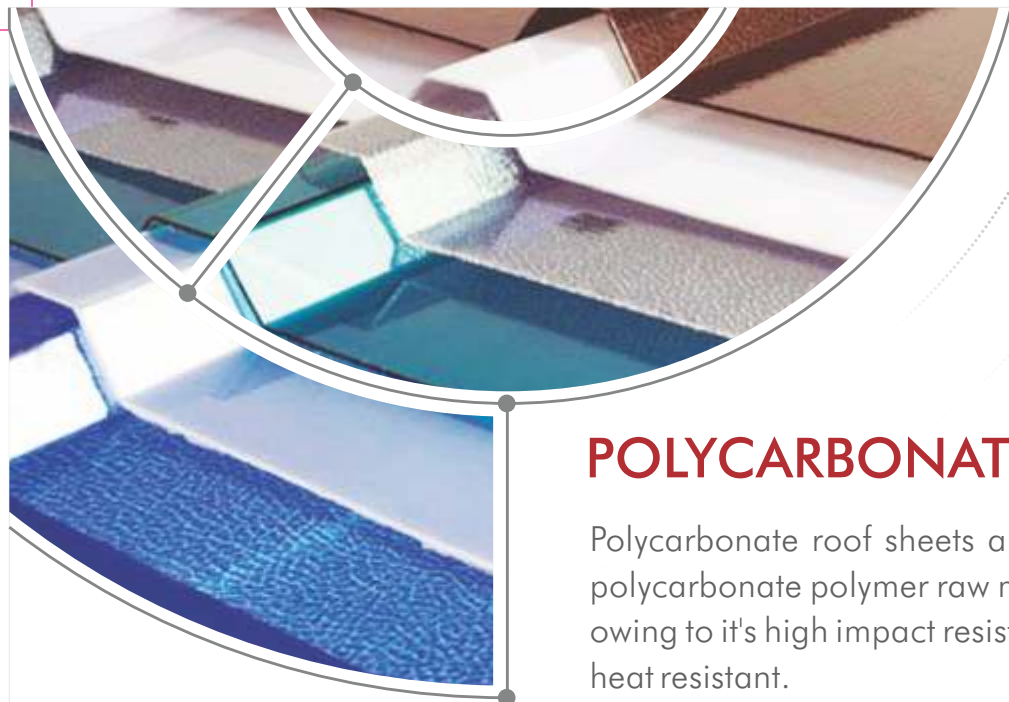
Polycarbonate base plates can be used for Factories, Warehouses, Workshops & Industrial sheds.

ARV's expertise in Roofing Products provides the edge with respect to precision, as the design of base plates matches that of metal sheet precision, thus eliminating the possibility of leakage.

FEATURES

- High Impact strength
- Weather Resistant
- Excellent Durability
- Easy to install
- Available in all types of roofing Profiles
- Virtually Unbreakable





POLYCARBONATE ROOFING SHEETS

Polycarbonate roof sheets are manufactured using high quality polycarbonate polymer raw materials, which is extremely durable owing to its high impact resistance, low scratch-resistant and also heat resistant.

Polycarbonate material is also environment friendly and economical, owing to its durability. Polycarbonate sheets unlike other materials, are used to control the sunlight, and to maintain the temperature inside the structure.

FEATURES

- Impact-resistant
- Light weight - easy to handle
- Provides optimal ventilation
- UV coated
- Easy-to-install
- Unbreakable

RANGE

Solid, Compact, Clear and Embossed Sheets
Available in multiple colour variants

SPECIFICATIONS

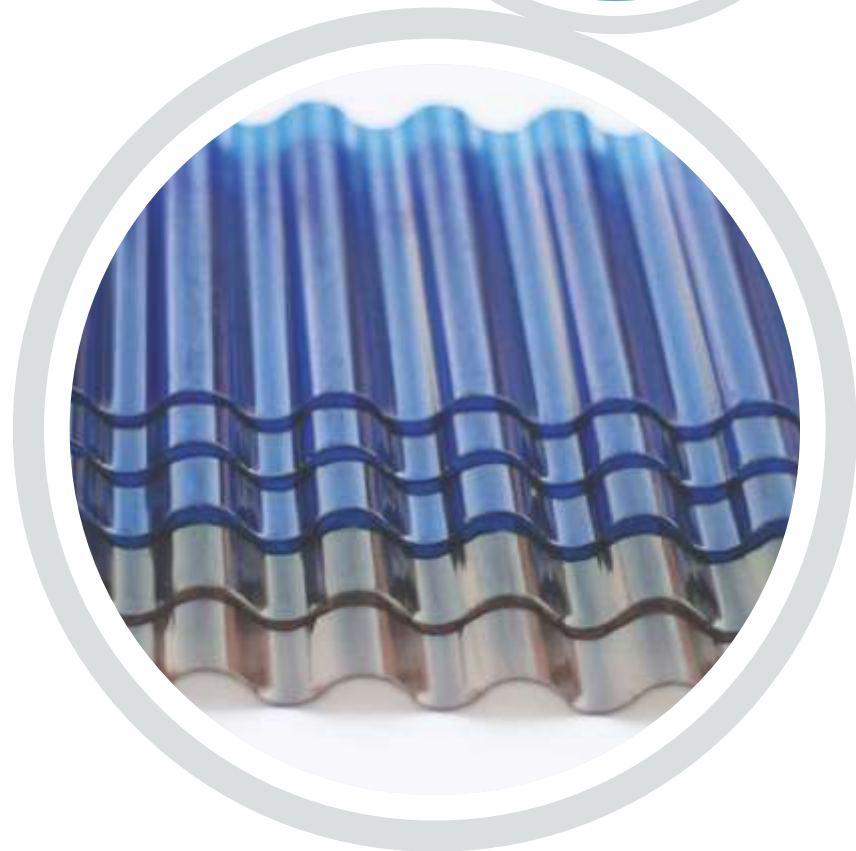
Dimensions:

Length can be customised to suit based on the requirement

Width either

1.22 mtr or 2.10 mtr(max)

Thickness: 1.00 mm to 12.00 mm



ROOFING SHEETS

Renowned for industry expertise in roofing sheets and installations, ARV has earned an indomitable reputation for superior quality sturdy roofing sheets and ease-of-installation at the industrial units.

The roofing sheets conform to international standards and are handled only by professionals with relevant industry experience.

To suit the diverse nature of requirements across varied industry segments, ARV offers a wide range of products in different dimensions and in multiple colour variants.

FEATURES

- Aesthetically appealing
- Easy to install
- Sturdy
- Optimum finish
- Durable

SPECIFICATIONS

- **Thickness:** 0.47 & 0.5 mm
- **Width:** <1070mm
- **Length:** can be customised to suit any length, based on the requirement
- **Color:** White, Red, Black, Blue, Grey, Green



(can be customised to suit the aesthetic requirements of the structure)

