

Built-to-suit as per industrial needs.

SIMPLE • ELEGANT • EFFECTIVE

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



www.airroofventilator.com





BOX RIDGE VENTILATORS

Our innovative ARV Box Ridge Vent effectively addresses these challenges and working Support the natural buoyancy flow of hot air. ARV Box Ridge designed with aerodynamic fins, it enhances passive and active airflow without turbulence, ensuring optimal air exchange. This high-efficiency design significantly reduces or eliminates the need for additional static or turbo ventilators.

Discharge rate of Gravity and Box Ridge vents in different wind directions (wind speed 15 and 20 km/h)

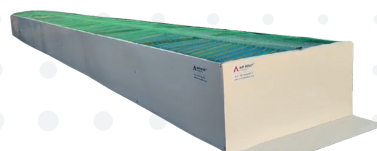
Direction	Wind flow angle (degree)	Gravity ridge vent (CFM)		Box ridge vent (CFM)	
		15km/h	20km/h	15km/h	20km/h
Longitudinal	0	196.6	261.94	662.53	889.14
Diagonal	22.5	218.46	291.07	630.24	845.80
	45	227.16	302.67	558.76	749.87
	67.5	272.06	362.49	540.65	725.57
Transverse	90	326.09	434.47	590.54	792.52

Key Features of the Box Ridge Vent

- Superior Ventilation Efficiency** – Provides 3 to 4 times higher air exchange rates than standard gravity ridge vents.
- Cost-Effective** – Reduces reliance on additional ventilation units, lowering overall costs.
- 100% Leak-Proof Design** – Withstands extreme weather conditions and high wind loads.
- Proportional Ventilation** – Air exchange rate increases proportionally with wind speed without turbulence-induced losses.
- Aesthetic Appeal** – Available in various colors to complement different roofing designs.
- Fixing** – ARV Box Ridge Vent can install in both Horizontal and Vertical also



"5x more efficient than standard ridge vents!"





POWER ROOF EXTRACTORS

Power Roof extractors Air Roof Ventilators (ARV) the leading manufacturer of latest technology roof ventilators in India, proudly introduces the Power Roof extractors. These Power roof ventilators prove to be highly effective in removing Heat, Dust, Gases and Smoke from industrial sheds and for keeping humidity and temperature at required level Power Roof Extractors can install above the Industrial sheds and it matches there roof design. This ventilator is designed and developed under the guidance of vendor's skilled professionals as per the set industry norms.

Motor Capacity	Fan dia mm	Vott V ac	Speed RPM	Input Watts	Phase	Current Amps	Free Delivery CFM	Sound Level db
1/2 HP	610	230	1400	375	1	5	6000	72
1 HP	610	230	1400	750	3	1.8	9800	76

Note : Due to continuous R & D design specification and technical characteristics are subject to change with out notice.

We have wide ranges of Power Roof Extractors in Single and Three Phase and it have aerofoil bladed Impeller mounted directly on the Motor and a rain protection cowl on the top Roof Extractors can be installed on flat or slant roof. A fabricated supporting base structure is required for mounting on slant roof on which exposed sides are to be properly covered to prevent any leakages of rain water.



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 Industrial Aluminium 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

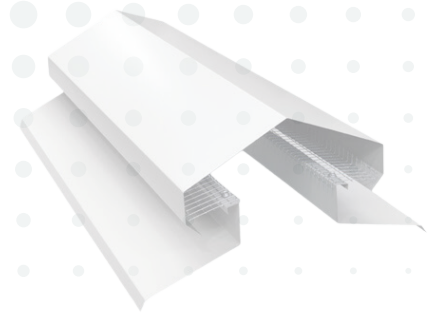
- Prevents water and dust
- Durable
- Easy to install

MATERIALS USED

- PPGL 0.5mm
- Sizes Customized
- Yield strength 550 mpa



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 it a sustainable, environment-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 techniques, which ensures a highly durable and reliable product.

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

FEATURES

- Free of running-cost and maintenance
- Air-tight and waterproof
- 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





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.

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

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)

FEATURES

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





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.

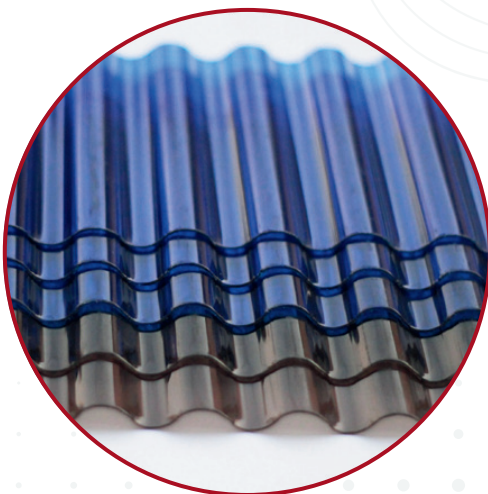
Polycarbonate base plates transmits light up to 85% for long time. These plates are virtually unbreakable, fire-retardant, UV-Resistant, and easy to handle & install.

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 SHEET

Our Clients



AUTOMOBILE MANUFACTURING



TRIDENT HYUNDAI
Drive Home A Relationship!



GARMENT MANUFACTURING



**TEXCO
FASHIONS**

**GOKALDAS
IMAGES**



RUBBER PROCESSING INDUSTRIES

ashirvad

**SPECTRA
POLYMERS**

**JK RUBBER
PRODUCTS**

FOOD PROCESSING INDUSTRIES

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NATURALS®**



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INDIA

AIR ROOF VENTILATORS



www.airroofventilator.com



+91 9686451711 | 8197671122



#15, Opp. Hanuman Temple, Virupakshapura,
Vidyaranyapuram, Bengaluru - 560097



DUBAI

BIN BAY METAL INDUSTRIES (S.P.S-LLC)



info@binbayuae.com



+971 6 545 4706



+971 050 202 4119



22204 Jurf3, Bahja, Ajman United
Arab Emirates