



CREATIVE ENTERPRISE



TURBO AIR VENTILATOR

ROOFING AIR VENTILATOR

INDUSTRIAL AIR VENTILATOR

TURBINE VENTILATOR

FRP BASE TURBO VENTILATOR

POLY CARBONATE BASE VENTILATOR



+91 97259 80890 : +91 99094 26162



info@creativeent.co.in : www.creativeent.co.in



106, Vachnamrut Industrial Park-2, Bakrol (Bujrang), Ahmedabad

WelCome TO **CREATIVE ENTERPRISE**

Creative Enterprise is Ahmedabad based manufacturer to provide the complete range of products for air ventilator, wind ventilator, roof ventilator and turbo ventilator. We are here to offer the superior quality products for all our clients to fulfil their industrial needs. We are engaged in the manufacturing process, wholesaling, exporting and distribution process of all these products.

We are working with an aim to offer the perfect range of products at competitive cost for our clients. All these ventilator products are manufactured by using the top quality raw material and the hands of experienced experts and engineers. The satisfaction of our clients is our priority forever and you will always like to work with us again because of the team of professionals to serve you with best in class quality products. We are always available to fulfil the demands of our clients so you can contact us immediately to find the quote for your ventilation project.

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Vision-Mission

At Creative Enterprise, we are working with an aim to fulfil the demands of our clients and we are manufacturing the top quality ventilator products. We are not working to make profit but we believe to make the long term relationship with all our customers. We are trusted by a large number of customers because of our professional behaviour, superior product quality and comparative cost for these products in market.

We are offering a complete range of products for ventilator in Industrial companies. With our team of experts, we are always motivated to become one of the top manufacturers of these products in Indian market. Because of the superior quality and outstanding dedication towards our work, we are on growth by offering the wholesale and export services for these ventilator products. We also have the objective to satisfy each customer by providing true value for money products for the industrial and commercial usage.

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Turbo Ventilator 21"



Size	21" net & 28" mounting
Wight	6.5 kg Approx
Speed	Depend on Wind
Blade	Total 36 number 0.5mm thick HINDALCO make Aluminum Blade.
Height	450mm
Shaft	M.S Galvanized
Top Cover	Stainless Steel 304
Ring	Aluminum
Mounting	Stainless Steel 304



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Turbo Ventilator 24"



Size	24" net & 32" mounting
Wight	7 kg Approx
Speed	Depend on Wind
Blade	Total 42 number 0.5mm thick HINDALCO make Aluminum Blade.
Height	450mm
Shaft	M.S Galvanized
Top Cover	Stainless Steel 304
Ring	Aluminum
Mounting	Stainless Steel 304



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ALUMINIUM PP AIR VENT SPECIFICATION

Parts Name	Specifications
Aluminum Blades	Hindalco Make AA1200 Grade
Blades / Wings	0.40 MM
Top Plate	0.50 MM - SS Top
No of Bearing	2 (HCH & NRG Make)
Location (Bearing)	Centre
Sealed / Not Sealed (Bearing)	Sealed
Lubricated / Self Lubricated (Bearing)	Self
Shrafft/Spindale (Bearing)	Mild Steel Zinc Coated
Weight	4.40 Kg
Height	15"
Inner Diameter of Ring	21.5"
Outer Diameter of Ring	22"
Thickness Bottom Ring	0.40 MM
Technology	Double Exhaust
No. of Outer Blades	35 Nos
No. of Inner Exhaust Wings	6 Nos
Width of Blades	3.25"
Length of Blades	15.5"
Design of Wings (Blades)	Bi-fold Dynamic Design



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Stainless Steel PP Air Ventilator

Specific	24" ventilator
Wind Velocity	08 Km/h
Air Absorption	6.5 Km/h
CFM	1972 To 2580
RPM	540 - 580
Material	Stainless Steel -430Grade
Rivet	Stainless Steel - 202 Grade
Top Plate	0.50 MM
Fins Thickness	0.35 MM
Base	PP - 3.5 MM
Nos of bearing	2 Nos
Quality of Bearings	6201 and 6202 RS
Sealed / Not Sealed	sealed
Lubricated / Self Lubricated	self
Numbers of outer Wings	24 Nos
No. of Inner Exhaust Wings	6 Nos
Design of Wings (Blades)	Bi-fold Dynamic Design
Technology	Double Exhaust
Weight of Turbo	4.90 Kg.

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FRP/POLY CARBONATE BASE



Length	1800mm
Width	Standard Roof 1080mm
Height	750mm
Thickness	2mm
Type	Single piece as per the profile drawing given
Weight	6 to 6.5kg Approx



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The Technical Operational Function

1. The Turbine ventilator operates by harnessing the full velocity energy of the wind to include an air flow by centrifugal action. Because the air-foil vanes are lightweight and dynamically balanced, even a slight breeze will spin the turbine.
2. When the turbine rotates, a centrifugal force is created, which then draws the air in the turbines towards the spinning vanes and out of the turbine.
3. As the turbine rotates, the air-foil vanes act as cups which catch the wind at the windward side of the turbine. Simultaneously, air is forced out of the leeward side creating a continuous air-flow. Thus giving rise to ventilation.
4. When air is drawn out of the turbine, a region of low pressure is created directly under the turbine relative to the other areas of the building.
5. As there is a difference in the air pressure, air from higher pressure regions will naturally move towards the lower pressure regions to maintain a state of equilibrium.



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FEATURES OF AIR VENTILATION SYSTEM

- » No Operating Cost.
- » Runs on wind power.
- » Weathered & Storm proof.
- » Pleasant looking and enhances architectural looks.
- » Strong Lightweight and anti-corrosive.
- » No dust.
- » Saving running cost on electrical exhaust fans.
- » Remove foul smell and maintain hygienic condition.
- » Low cost of installation.
- » Assured ventilation for 24 hrs. /365 days.
- » Designed to withstand winds in excess of 140 Km/ hr
- » No pollution.
- » Economical and environmental friendly.
- » No noise.
- » Smooth and quiet operation.
- » Improves working conditions and Increases productivity
- » Can be configured to meet required fresh air changes.
- » No accidental hazards like fire due to short-circuits, electrical shocks
- » Creates suction
- » 80% depreciation under section 32 of IT act
- » Light weight & Durable
- » Easy to install and can be fitted to any type of roofing.



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Detail Of Turbo Ventilator

Details	Turbo 21"/28" & 24"/32"
Blade (fins) Material	Hindalco make aluminum blade
Thickness of Fan	0.5mm
Qty of blades (vanes)	36 nos in 21", 42 Nos in 24"
Top cover -1	Stainless steel 304 8%nickel
Bottom cover	S.S-304 with ventchury effect
Mounted Buss system	Teflon Buss
Neck dia	21" & 24"
Outer dia	28" & 32"
Connectin Rod	5 mm Dia
Base of Turbo ventilator	FRP/POLY CARBOANATE Base 2mm thick,1800mm length
Air flow capacity	700-2650cfm depend on wind velocity



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Type of Building	Air Changes Per Hour
Factories (Light)	10-20
Factories (Heavy)	20-40
Chemical Plant	30-60
Paper Mill	08-30
Textile Mill	08-15
Packing Room	08-30
Ware House	05-08
Foundry	10-30
Bakeries	12-20
Auditorium	4-12





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