



The COOLTECH SYSTEMS is a leader in ventilation Solution. As the worldwide manufacturer of Air Ventilator. We have a huge experience and our own strong brands in Industrial Shades in India.

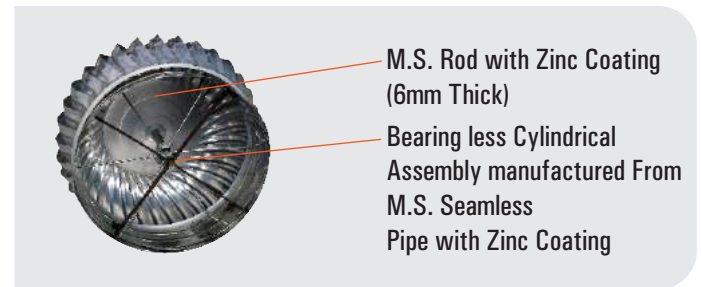


- New Technology without electricity or operating costs.
- Improves working conditions and Increase Productivity.
- Easy to install and can be fitted to any type of roofing.
- Can be configured to meet required fresh Air Changes.
- Runs on wind power.
- Weather and storm proof.
- Economical & Ecological.
- Maintenance Free.

- Principally it works like Convective, Centrifugal force to exhaust, Turbo design creates suction.
- Constructively it is strong, light weight, slight breeze enough to rotate the ventilator.
- High Temperature alloy material.
- It is applicable to Factories, Warehouses, Workshops, Industrial Shade etc.

Design

The **Cooltech Systems** Turbo Air Ventilators incorporates a number of superior design features to give maximum efficiency and continual trouble-free service even in adverse conditions.



General Description

Basic Size Specifications :

Diameter : 21" x 28"
24" x 31"

Operation :

Cooltech Systems Turbo Air Ventilators process engineering the hot air from Industrial/Residential/Commercial premises upwards, creating convection current and in process extracts the hot toxic air to be released in the outside atmosphere. These premises of air recycling injects fresh air into the premises and makes the premises comfortable in terms of heat and pollution. The Bearing Less Cylindrical Assembly ensures monitoring-free operations continuously.

Uses

Cooltech Systems Turbo Air Ventilators are specially suitable for Industrial Shades & Factories, Refinery, Ware Houses, Poultry Farm, Godowns, Forness Founders, Plywood Industries, Hospitals, Restaurants, Hotels, Paint Industries etc.

Basic Material of Composition (MOC)

Cooltech Systems Turbo Air Ventilators are manufactured by aluminium and stainless steel material.

- Vents made from 0.5 mm Hindalco make Aluminium Alloy.
- Top made from Stainless Steel
- Bottom ring made from 0.5 mm Stainless Steel
- Bearing less Clindrical Assembly manufactured from M.S. Seamless Pipe with Zinc Coating.

Installation :

Cooltech Systems Turbo Air Ventilators are light weight and are mounted on FRP Dome Structure made of 1.5 mm thickness and corrugated to align with existing roofing to ensure leakage-free operations without any structural changes.

Our Ventilator Products

Air Ventilator



- ROOF VENTILATOR
- TURBO AIR VENTILATOR
- INDUSTRIAL ROOF VENTILATOR
- POWER SAVAR VENTILATOR
- ROOF EXTRACTOR
- FRP BASE VENTILATOR
- POLYCARBONATE VENTILATOR
- POLYCARBONATE VENTILATOR BASE

Colour Cotated Air Ventilator



- AIR VENTILATOR
- TURBO VENTILATOR
- FRP BASE WIND VENTILATOR
- ROOFTOP VENTILATOR
- SS AIR VENTILATOR
- ALL VENTILATORS AVAILABLE

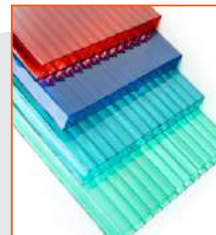
Poly Carbonet Ventilator

- POLYCARBONATE VENTILATOR
- POLYCARBONATE BASE VENTILATOR
- POLYCARBONATE FAN



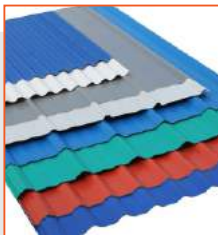
Our FRP Products

Polycarbonet Sheet



- TRANSPARENT
- SHED FIBER SHEET
- SEMI TRANSPARENT
- PLAIN

FRP Sheet



- PLAIN
- TRANSPARENT
- SEMI TRANSPARENT
- COLOGATER
- VARIOUS PATTERN DESIGN
- SHED FIBER SHEET
- DECORATIVE SHEET
- PARKING SHED SHEET

Ventilator Base

- FRP BASE
- POLY CARBONET BASE
- ALUMINIUM BASE
- GALVANIZED BASE
- STAINLESS STEEL BASE





The **Cooltech Systems** works by utilizing the velocity energy of the wind to air flow by centrifugal action. The Centrifugal force caused by the spinning vanes creates a region of low pressure area which draws air out through the turbine. Air Ventilator Air drawn out by the turbine is continuously replaced by fresh air from the outside. The slightest breeze will cause the turbine to effect of the rotor cage will use its stored energy to continuously remove air giving rise to ventilation suction is maintained even at low velocities.

Type of Building	Air Charge per hour	Type of Building	Air Charge per hour
Class Room	15 - 60	Assembly Hall	06 - 15
Bakeries	10 - 30	Auditorium	04 - 12
Laundry	10 - 15	Factories (Light)	06 - 12
Packing Room	12 - 20	Factories (Heavy)	10 - 30
Brewery	12 - 30	Transformer Room	12 - 30
Boiler Room	08 - 30	Paper Mill	08 - 30
Painting Shops	08 - 30	Warehouses	04 - 06
Engine Room	12 - 30	Textile Mill	04 - 12

$$\text{How much required ventilator calculation in feet} = \frac{L \times W \times H \times \text{Air Change}}{60 \times \text{CFM}}$$

21" Ventilator CFM - As per height maximum - 1540 CFM

24" Ventilator CFM - As per height maximum - 1920 CFM

Authorized Distributor

COOLTECH SYSTEMS

73, Somnath Industrial Park, Opp. CISF Complex, Nr. Abhishree Estate, B/h GVMM, S.P Ring Road, Odhav, Ahmedabad - 382415.