

# ZERO POWER AIR VENTILATOR

FOR ULTIMATE VENTILATION

## ANCHIT-ECOVENT

### ZERO RUNNING COST

- Works On Wind Energy. No Electricity. No Motor
- 24 Hrs Assured Ventilation. No Operating Cost
- Higher Depreciation Rate. Non-Conventional Energy Product

### DOUBLE EFFECT

- Free Day Light. Sun Light Passes Thru FRP Base
- Free Ventilation. Removes Hot Air, Gases, Smoke, Foul Smell

### MAINTENANCE FREE

- Fit & Forget System
- Adaptable To Any Roofing
- Weather Proof & Storm Proof
- Rain Water Proof, Dust Proof, Bird Proof

### PIONEER IN NORTH INDIA

- Thousands Of Installations In Various Cities
- Quick After Sales Service. Always At Your Door Step
- Enhances Aesthetic Appearance Of Building



## ANCHIT ISPAT (P) LTD.

B-352, Nehru Ground, Faridabad-121001 (HARYANA)

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**Tried, Tested and Trusted!**

Sister Concern: Apolo System & Services Pvt. Ltd.

## Zero Power Air Ventilator

Runs on wind power

No Operating Cost

Economical &amp; Ecological

28" diameter

Maintenance free

Adaptable to any roofing

No Noise

Weather &amp; Storm proof

**Double Effect**

# Turbo Ventilation

# Day Light



EV 28 A

**Principle:**

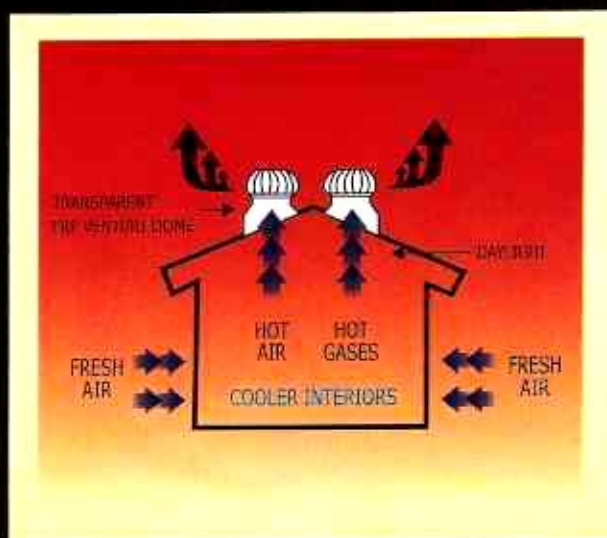
- Convective Thermal Currents
- Centrifugal force to exhaust
- Turbo design creates suction

**Construction**

- Strong, Light Weight Construction
- Slight breeze enough to rotate the ventilator
- Available in high grade aluminum, stainless steel grade 304 & epoxy coated for corrosive areas.
- UV stabilized FRP base with integral venturi dome.

**Applications :**

- Factories, warehouses, workshops, Industrial sheds, domestic applications, etc.
- Removes hot gases, obnoxious fumes, bad odour, enhances ventilation
- Can be configured to meet required fresh air changes.
- Easy to install and can be fitted to any type of roofing.



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# ECOVENT

## Zero Power Air Ventilator

### Working Procedure :

The ECOVENTILATOR works by utilising the velocity energy of the wind to induce air flow by centrifugal action. The centrifugal force caused by the spinning vanes creates a region of low pressure area which draws and throws out hot air from below and fresh cool air from out side comes in. The slightest breeze will cause the turbine to spin and even after the breeze has stopped, the fly wheel effect of the rotor cage will use its stored energy to continuously remove air giving rise to ventilation. Suction is maintained even at low wind velocities. The Convective Thermal currents are given boost by venturi dome to further enhance the Rotation of the ecoventilator.

WIND VELOCITY	5KM/HR	10 KM/HR
TEMP. DIFF. °C	3 TO 5	5 TO 6
HEIGHT	EXHAUST CAPACITY (EV-28A)	
10 FT	1050	1870
20 FT	1150	1950
30 FT	1250	2000

Type of Building	Air Changes per hour
Boiler Room	15-60
Engine/DG Room	15-45
Compressor Room	15-30
Factories	10-30
Process House	15-30
Packing Room	10-30
Transformer Room	12-30
Warehouses	5-12
Paint Shop	15-35



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