



# Ecoair HVLS Fans

HIGH VOLUME LOW SPEED FANS



## ecoair

Cooling Systems Solutions

*Energy Efficient, Environmentally Friendly &  
Cost Effective Cooling Systems!*

## About us

Ecoair is a leading manufacturer and supplier of Cooling & Ventilation Systems for Industrial, Commercial, Food & Agro Industries with a range of innovative products like Evaporative Air Cooling, 24 Feet Dia. HVLS Fans, Air distribution products etc.

Ecoair Evaporative Air Cooling are completely environmentally friendly and provide Cool, Fresh & Filtered air at extremely low running costs.

Ecoair also manufacturers and supplies HVLS Fans & Exhaust Systems, Air Circulators & other Innovative Products for the HVAC Industries.

## Our Products



Evaporative Air Cooler



Exhaust Fans



Compact Air Cooler



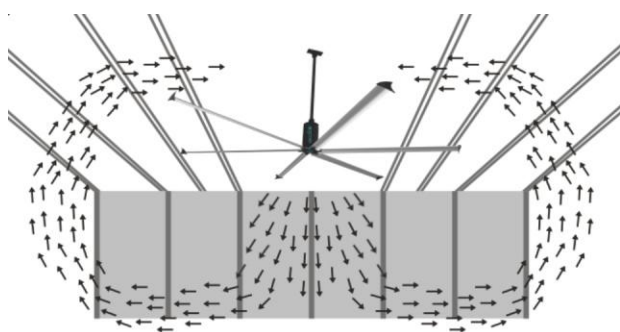
Air Circulator Fans



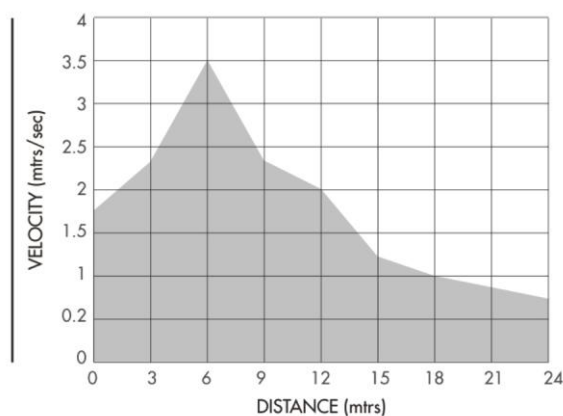
HVLS Fans

## Ecoair-HVLS Fan Concept

### Air Flow Pattern



## Distance vc Air Velocity



Following readings are taken for 24' diameter Fans and approx value

## ECOAIR-HVLS SPECIFICATIONS

MODEL	FAN DIAMETER	HEIGHT FROM-FLOOR MIN - MAX	MOTOR	AIRFLOW CFM approx.	WORKING AREA Sq.Ft. approx.	RPM
EAHVLS 7E	24 feet	9 - 11.5	1.5 KW	377,000	16,900	53
EAHVLS 6E	20 feet	7 - 8.5	1.5 KW	288,000	10,500	75
EAHVLS 5E	16 feet	6 - 7.5	1.1 KW	225,000	8,900	85
EAHVLS 4E	12 feet	5 - 6.5	1.1 KW	128,700	6,800	96
EAHVLS 3E	10 feet	5 - 6.5	0.75KW	98,100	4,500	114

## HVLS Fans Benefits

- High performance industrial fans
- Single fan replaces multiple wall mounted fan
- Distributes air up to 15,000 sq.ft., corner to corner, outstanding Coverage without draft.
- Running Costs reduction of upto 80% and payback in 6 months.
- Variable speed controller to set and control airflow. Reverse operation options.
- Earn LEED credits for sustainable design.
- Flexibility on shop floor for line layout and movement.



## Ecoair-HVLS Fan Advantages

### Safety

- Extremely High Level of Primary Safety for all components. 35 mm Motor Dia. / M14 Bolts for Structure & Chassis / Nylock Nuts and Loctite for all fasteners / Steel EN 10025 – 90 for Structure & Chassis / GI Wire Ropes with additional PVC Coating, etc.
- Secondary Anti – Fall Safety Systems provided for all Major Components
  - a. Structure – Secondary Wire rope to lock to building structure.
  - b. Blades – Embedded Wire Ropes in Blade
  - c. Hub – Special Z Brackets for anti-fall.

### Performance

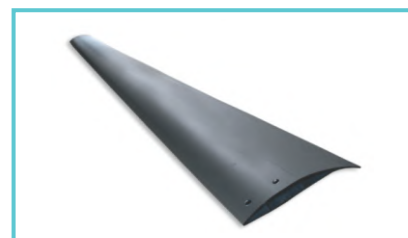
- Aerofoil Blade Design with Blade Angle of 27 deg. for optimum Air Flow Rate & Thrust.
- Tapered Fan Blades for Uniform Air Distribution.
- Nord High Efficiency Motor & Gear Box for Low Running Costs.
- Can be linked to Integrated Building Management System (IBMS) through VFD.

### Durability & Reliability

- High Grade 6061 T6 Aluminum Alloy Used for Aerofoil Blades.
- IP 55 Motor & Gearbox with Synthetic Oil & VFD from NORD Germany – world leaders in Transmission Technology.
- High Grade Steel upto 12mm thick with Hot Dip Galvanizing for best anti corrosion protection.
- GI Coated Wire Ropes with PVC Coating.

### Certification

Ecoair HVLS fans are CE certified meeting international standards.





## Applications

### Industrial



### Commercial



## EcoAir in the News

### FAN-TASTIC!



A giant fan installed at the New Delhi railway station has come as a fresh breath of air for travellers.

### रेल यात्रियों को रोमांचित करेगा जंबो पंखा

संवाद प्रसारित, नई दिल्ली

आज जब आर.एन.टी.टी. स्टेशन बंगलौर में आया तो वहाँ के यात्री रोमांचित हो गए। वहाँ पर एक बड़ा पंखा (2.2 मीटर) और कुछ बड़े पंखों को लाने के लिए यात्री रोमांचित हो गए। वहाँ पर एक बड़ा पंखा (2.2 मीटर) और कुछ बड़े पंखों को लाने के लिए यात्री रोमांचित हो गए।

वहाँ पर एक बड़ा पंखा (2.2 मीटर) और कुछ बड़े पंखों को लाने के लिए यात्री रोमांचित हो गए। वहाँ पर एक बड़ा पंखा (2.2 मीटर) और कुछ बड़े पंखों को लाने के लिए यात्री रोमांचित हो गए।



• नई दिल्ली स्टेशन पर लगा विशालकाय पंखा बड़ा आश्चर्य का केंद्र  
• नवीं से बेल्ट खाँसी को ठीक देने के लिए उठाया गया है यह कदम  
• नई दिल्ली के स्टेशन पर लगा विशालकाय पंखा



### Bandra Terminus, Mumbai Central to get giant fans

Posted on 25th July 2015 in Mid Day News Paper.

## Our Clients



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