



HVLS Fans

*Efficient Cooling & Ventilation
Solutions for Large Spaces*



About Ecoair

Incorporated in 2011, Ecoair Cooling Systems, is the leading Indian manufacturer of Industrial Evaporative Air Coolers, High-Volume Low-Speed (HVLS) Fans, Exhaust Fans and other Ventilation products.

Ecoair's prestigious customer base is supported globally through dedicated service teams and a strong partner network across multiple projects and locations. Ecoair's UL/CE certified products have a design philosophy focused on safety, quality, customer requirements, reliability and durability. Ecoair products offer the best global technology at the most competitive pricing with assured hassle free service support and spares.



Ecoair cooling and ventilation systems create comfortable environments in Industrial Shopfloors, Warehouses, Railway Stations, Airports, Restaurants, Kitchens many other public places by supplying Cool, Filtered, Fresh, Oxygen rich air controlling humidity and temperature using innovative, customized solutions as per customer requirements.

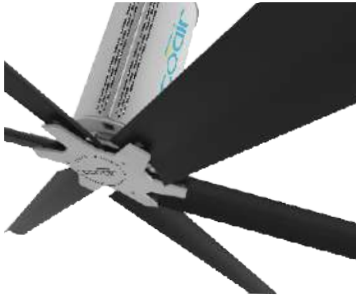
Our Purpose

We commit to be on the journey of creating simple, economic and eco-friendly functional air solutions for cool and comfortable ambience for that are enhancing productivity. Customer focused and create customized solutions. Our core values are fundamental to our existence and will continue to guide the way we conduct business.

We continuously strive for creating comfort

- Comfortable cooling, drop temperature up to 20°C with high air flow
- Fresh, filtered, cool and oxygen rich air
- Dust control
- Control the humidity and temperature
- Proper air distribution
- Open space cooling
- Exhausting large volumes of air

Ecoair HVLS Fans



Geared Motor HVLS Fan



Pole Mounted HVLS Fan

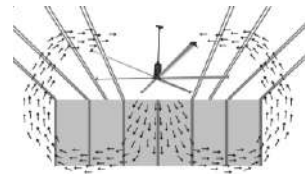


PMSM HVLS Fan

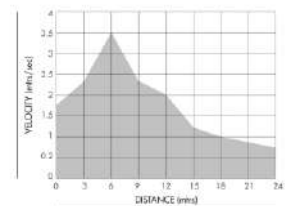
Benefits & Safety Features

- High Performance industrial fans
- Single fan replaces multiple wall mounted fan
- Distributes air up to 28,000 sq.ft., corner to corner, outstanding coverage without draft.
- Up to 80% Reduction in running costs and payback in 6 months.
- Variable speed Control using VFD to set and control airflow. Reverse operation options.
- Earn LEED credits for sustainable design.
- 6061 T6 Aluminum Alloy Used for Aerofoil Blades.
- IP 55 Motor & Gearbox with Synthetic Oil from Germany-world leaders in Transmission Technology.
- High Grade Steel upto 12mm thick with Hot Dip Galvanizing for best anti corrosion protection.
- PVC Coated GI wire ropes with 700Kg Tensile Strength (each)
- Extremely high levels of world class primary safety for all components:
 - 40 mm Shaft Dia.
 - M14 Bolts for Structure & Chassis
 - Nylock Nuts and Thread Locker for all fasteners
 - Steel EN 10025 - 90 for Structure & Chassis with additional PVC Coating, Etc.

HVLS Fans Air Flow Pattern



Air Flow Pattern



Distance vs Air Velocity

Ecoair HVLS Specifications

(Optional IE3 Motor IPCC)

MODEL NO.	FAN DIAMETER	POWER SUPPLY	MOTOR	AIRFLOW (CFM)	HEIGHT FROM FLOOR(Mtr)	ROTATION (RPM)
EAHVLS 7E	24 Feet	3ph	1.5 kw	378,000	9/11.5	52
EAHVLS 6E	20 Feet	3ph	1.5 kw	288,000	9/11.5	66
EAHVLS 5E	16 Feet	3ph	1.1 kw	225,000	6/7.5	72
EAHVLS 4E	12 Feet	3ph	1.1 kw	130,000	5/6.5	85
EAHVLS 3E	10 Feet	3ph	0.75 kw	99,000	5/6.5	110
EAHVLS 2.4E	08 Feet	3ph	0.75 kw	87,000	5/5.5	120

Note: Our Fan is compatible with Three Phase supply. * As Per Standard Test Conditions

(*weight of HVLS fan - approx 150Kgs (dynamic weight))

Standard Applications



Ecoair Product Range



HVLS FANS



EVAPORATIVE AIR COOLING



EXHAUST FANS



YU GO FANS



AIR CIRCULATORS

Our Clients



ecoair®

Ecoair Cooling Systems Pvt. Ltd

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