



## Ecoair HVLS Fans

HIGH VOLUME LOW SPEED FANS



**ecoair**

**Cooling Systems Solutions**

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

### About us

Ecoair Cooling Systems has been incorporated in 2011 and is a leading Manufacturer & Supplier of Evaporative Air Coolers, HVLS Fans, Exhaust Fans, In-line Duct Fans, Recessed Ceiling Fans, Commercial Air Purifiers etc. Ecoair has an extremely prestigious customer base supported across India through a strong partner network on multiple projects and locations.

Ecoair product strategy is driven by Customer requirements, Safety, Quality, Reliability and Durability and are CE Certified. Ecoair Products offer the best technology at the most competitive pricing with assured service support and spares.

### Our Products



HVLS Fans



Evaporative Air Cooler



Air Circulator Fans



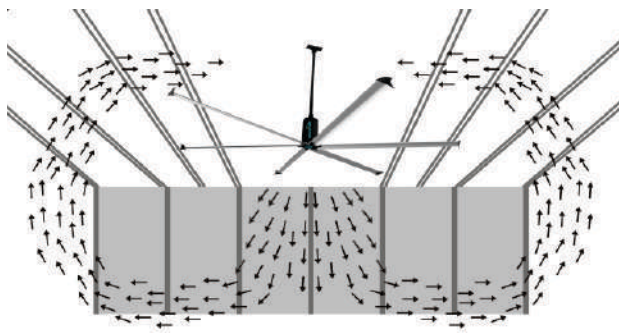
Exhaust Fans



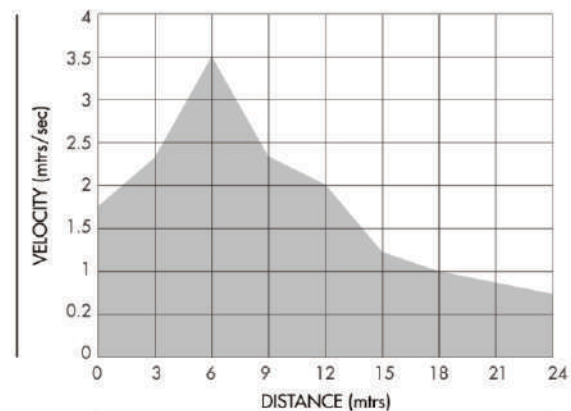
Air Purifier

### Ecoair - HVLS Fans Concept

#### Air Flow Pattern



### Distance vs Air Velocity



Following reading are taken for 24 dia mtr Fans and approx value

### Ecoair HVLS SPECIFICATIONS

MODEL	FAN DIAMETER	HEIGHT FROM-FLOOR MIN - MAX	MOTOR	AIRFLOW CFM approx.	WORKING AREA Sq.Ft. approx.	TORQUE NM	RPM
EAHVLS 7E	24 feet	9 - 11.5	1.5 KW	603,000	29,700	274	52
EAHVLS 6E	20 feet	7 - 8.5	1.5 KW	540,000	21,600	211	66
EAHVLS 5E	16 feet	6 - 7.5	1.1 KW	477,000	16,200	148	69
EAHVLS 4E	12 feet	5 - 6.5	1.1 KW	405,000	10,800	121	85
EAHVLS 3E	10 feet	5 - 6.5	0.75KW	288,000	8,100	57	122
EAHVLS 2.4E	8 feet	5 - 6.5	0.75KW	225,000	6,300	57	122

### HVLS Fans Benefits

- 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 consuming only 1.5KW power.
- Running Costs reduction of upto 80% and payback in 6 months.
- Variable speed controller to set and control airflow.
- reverse operation options.
- Flexibility on shop floor for line layout and movement.



### Ecoair-HVLS Fans Advantages

#### Safety

- Extremely High Level of Primary Safety for all components. 40 mm shaft 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 inhub assembly for anti-fall. etc

#### Performance

- Aerofoil Blade Design with Blade Angle of 27 deg. for optimum Air Flow Rate & Thrust.
- Tapered Fan Blades for Uniform Air Distribution.
- High Efficiency German Motor & Gear Box for Low Costs.

#### Costs.

- Can be linked to Integrated Building Management System (IBMS) through VFD.

#### Durability & Reliability

- High Grade 6061 T6 Aluminum Alloy Used for Aerofoil Blades.
- Motor & Gearbox with Synthetic Oil & VFD from Danfoss – 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.



Industrial



Commercial



Ecoair in the News

**SIT formed to probe case of trafficked girl**  
 Times News Network  
 New Delhi: A special investigation team has been formed by Delhi Police to probe the case of a 17-year-old girl who was allegedly trafficked from her home in Haryana to Mumbai for prostitution. The girl was rescued by the police after a complaint was filed by her mother. The police are currently conducting a thorough investigation into the case.



**रेल यात्रियों को रोमांचित करेगा जंबो पंखा**  
 संपूर्ण समाचार, मुंबई  
 जब एक जंबो पंखे को रेलवे स्टेशन में लॉन्च किया गया तो यात्रियों में रोमांच फैल गया। यह पंखा रेलवे स्टेशन में लॉन्च किया गया था और यात्रियों को रोमांचित कर दिया। पंखा को लॉन्च करने के बाद यात्रियों में रोमांच फैल गया। पंखा को लॉन्च करने के बाद यात्रियों में रोमांच फैल गया। पंखा को लॉन्च करने के बाद यात्रियों में रोमांच फैल गया।



Bandra Terminus, Mumbai Central to get giant fans  
 Posted on 25th July 2015 in Mid day News Paper.

**Our Clients**



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