

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



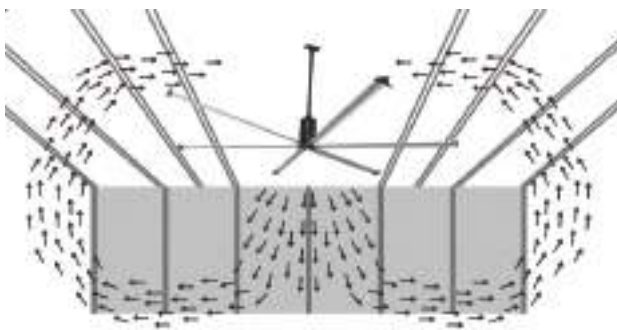
Exhaust Fans



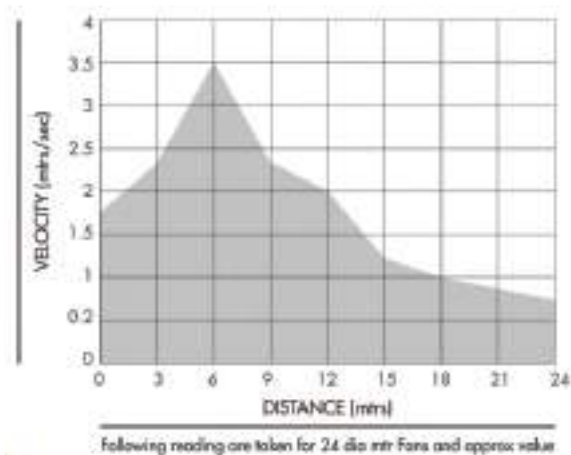
Air Purifier

Ecoair - HVLS Fans Concept

Air Flow Pattern



Distance vs Air Velocity



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

FAN-TASTIC!

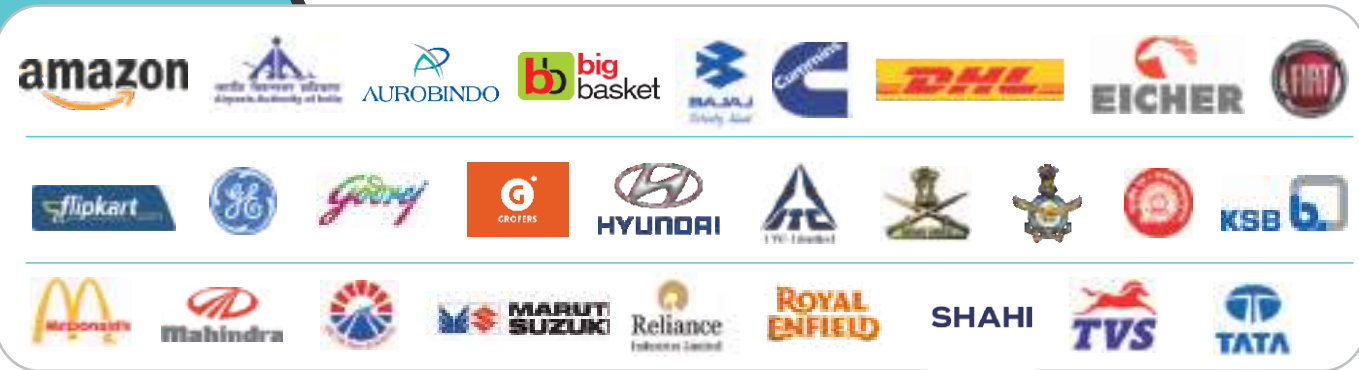
रेल यात्रियों को रोमांचित करेगा जंबो पंखा

बिजनेस टिप्पणी

Bandra Terminus, Mumbai Central to get giant fans

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

Our Clients



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