

# COMPANY PROFILE



## ecocair

### Cooling Systems Solutions

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



# ECOAIR... INTRODUCTION

Ecoair is the leading Indian manufacturer of Cooling & Ventilation Systems which are Economical to run and Ecologically friendly, hence our name ECOAIR.

Ecoair, established in 2012 is a part of the USD 100 Million, APPL Group with demonstrated capabilities in the Automotive , Defence and Telecom Industries. With extremely strong in house capabilities and technologies, we Design, Engineer & Manufacture all Ventilation and Cooling systems for Industrial & Commercial applications providing a range of innovative products like Evaporative Air Coolers, HVLS fans, High Volume Low Power Exhaust fans, Inline fans and Wall mounted fans to our esteemed customers.

‘We commit to be on the journey of creating simple, economic, eco-friendly and functional air solutions for providing a cool and comfortable ambience thereby enhancing productivity.’

We will strive to be customer focused and create customized solutions. Our core values are fundamental to our existence and will continue to guide the way we conduct business.

Ecoair over the years has established a very prestigious customer base in India which includes Airports Authority of India, Amazon, Bajaj Auto, Cummins, Daimler Benz, Volvo Eicher, Fiat, GE, Godrej, Hyundai India, Hero Moto Corp, Indian Army, Indian Air Force, Indian Railways, KSB Pumps, Maruti Suzuki, Mahindra & Mahindra, Royal Enfield, Suzuki, TVS Motors, Tata Motors and Yazaki among others.

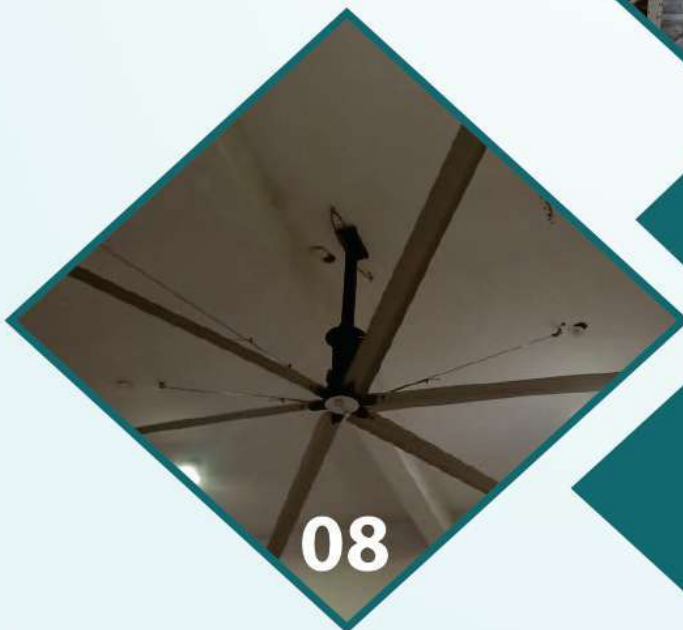
Ecoair actively Exports to more than 20 countries across the Globe including BANGLADESH | BHUTAN | CANADA | ISRAEL | ITALY | IRAQ | INDONESIA | JORDAN | KENYA | MALDIVES | NEPAL | NIGERIA | PHILIPPINES | QATAR | SOUTH AFRICA | SRILANKA | SOUTH AFRICA | SOUTH KOREA | TUNISIA | UAE | UNITED KINDOM | UGANDA | which includes US Military Bases, Automobile OEMs & TIER-1 workshops, Food & beverage industry, Textile industries & garment factories, warehousing & logistic centres.





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# ECOAIR OVERVIEW

## Ecoair Founder and Director - Sandeep Jaisinghani



With about 30 years of experience in the automotive industry I came across various cooling requirements of the industry. However, all products and systems made for this requirement were very expensive and also not eco-friendly. They often demanded a lot of space that could be utilised for other purposes. Hence after giving some deep thought to the subject we developed modular evaporative cooling units with a combination of HVLS Fans i.e. large diameter fans to provide a perfect solution for this. These products are extremely environmentally sensitive and also consume very less power and space as compared to conventional systems.

In 2011, I set up Autodynamics Engineering Private Limited and Established the “Ecoair” brand. Ecoair Cooling Systems Pvt. Ltd. was then created as an individual company. The objective was to provide an air-cooled green and clean environment to industries or commercial establishments that would make it very comfortable for the inhabitants. We now have a production facility spread over 20,000 square feet at Hinjewadi, Pune equipped with state-of-the art production machinery, lean assembly lines, world class testing facilities with global quality control standards.

“We commit to be on the journey of creating robust simple, economic, eco-friendly and functional air solutions to create a cool and comfortable ambience for enhancing the environment within commercial and industrial premises.”

Established in 2011, with a vision for creating comfortable cooling of upto 20°C in location like Shop floors, Restaurant, Public places like Railways stations, Airports, Religious premises, Bus stands, Theatres, Canteens, Convention halls, School halls etc.



Our solutions enable a supply of Fresh, Filtered, Cool and Oxygen Rich Air, Circulation & Exhaust. Our open space cooling solutions find vast usage and exhaust fans enable exhausting large volumes of air using low power. We constantly engage in better understanding our customer requirements and use these insights for developing innovative and customized solutions.

Our infrastructure with a corporate office in the same location as our plant brings in tremendous agility in our operations. With our distributor network spread across various cities, our reach is widespread.

The strength in our value chain is because of our indigenously manufactured parts giving us complete control on inventory levels for timely delivery and quality of the finished goods.



# ECOAIR Vision & Mission

## Vision

We are constantly looking forward for innovative ideas as we work towards our aim of providing quality, value and customer satisfaction.

## Mission

To deliver good quality product with an unmatched client experience resulting in highest level of customer satisfaction, by continue improvement in product strive for new level of excellence.

Safety, Quality, reliability and performance are the cardinal features of Ecoair products. With extremely strong in house capabilities and technologies, We carry out intensive research and development across our manufacturing process.

## Safety

Safety is of the utmost importance in our industry. Each of our products are designed equivalent to Auto industry standards like Primary and Secondary level safety in each component. The continuous training policy that we enforce ensures that all of our products are only manufactured and assembled by highly trained specialists.



## Quality

Quality is brought about by strict and consistent commitment to certain standards that achieve uniformity of a product in order to satisfy customer or user requirements. We have implemented stringent guidelines to perform quality control, including benchmarking, examining manufacturing procedures, and testing products to ensure that all of our products are right first time, on time, every time.

## Reliability

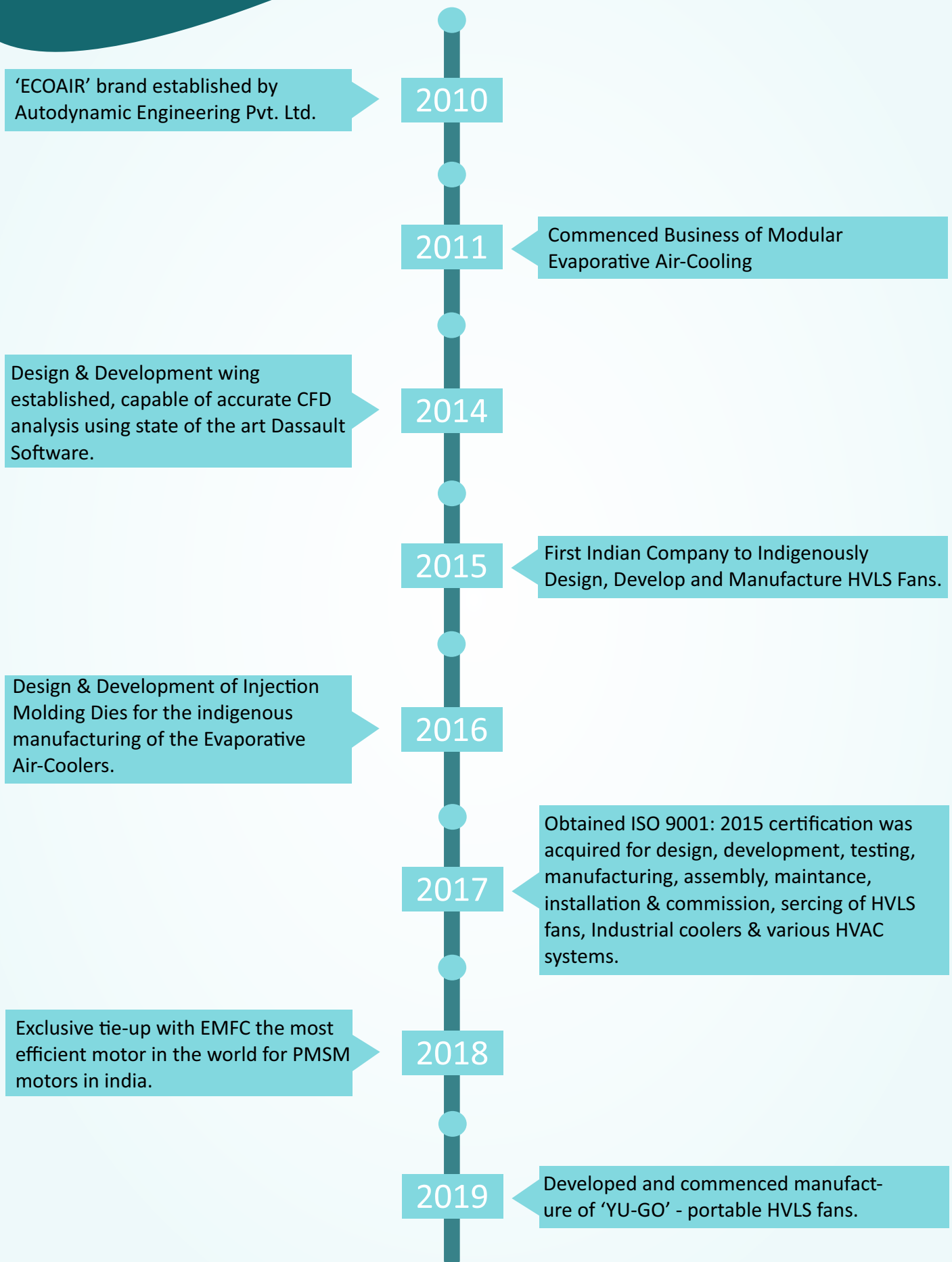
We have over 10 years of experience designing and manufacturing fans for a wide variety of applications; we know how much our customers expect from our products and we ensure that all of our products not only meet, but exceed, these expectations.



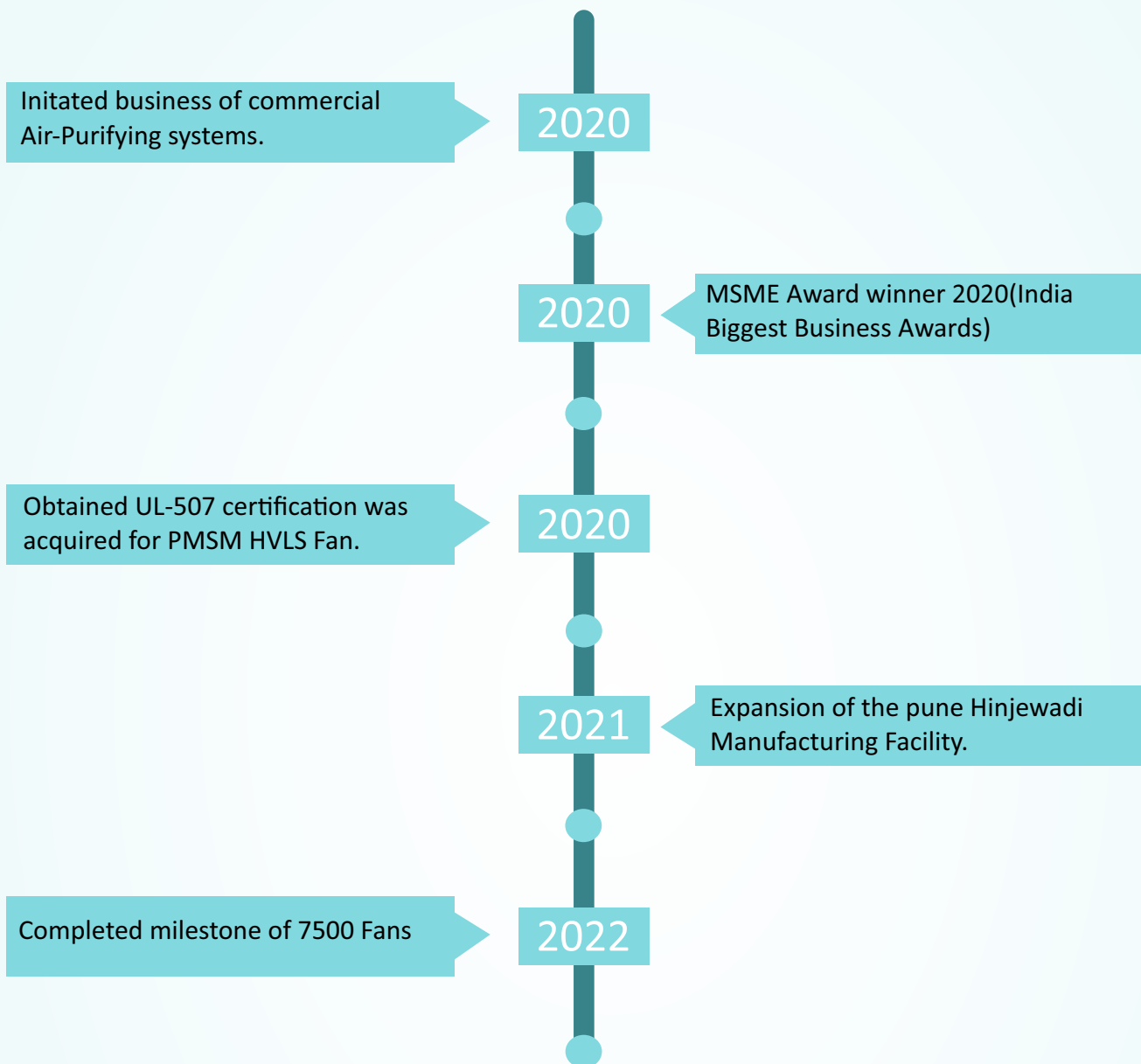
## Performance

We follow International Standards like AMCA 230-15 and ANSI and in our manufacturing facility we have in-house testing centres where every single product is tested before being shipped to a customer.

# ECOAIR MILESTONES



# ECOAIR MILESTONES



# PRODUCT LINE



HVLS FAN - HIGH VOLUME LOW SPEED FAN



INDUSTRIAL AIR COOLER

INDUSTRIAL EXHAUST FAN



CEILING MOUNTED VENTILATION FAN



MIXED FLOW DUCT VENTILATION FAN



YU-GO PORTABLE FAN



POLE MOUNTED FAN



INDUSTRIAL AIR PURIFIER





# PRODUCT LINE



6 FEET YU-GO FAN

Ecoflex 5 feet Fan



AIR CIRCULATOR 2X2 GRID FAN

# MANUFACTURING FACILITY



Located at Industrial area Hinjewadi, Pune operates out of modern state area of 20,000 Sq.ft. factory, for manufacturing Cooling and ventilation system in India. It is equipped with modern technology and advanced machinery to produce HVLS Fan, Evaporative air Cooler, Industrial Exhaust Fan etc. that best serves the market needs.

**The facility is certified by ISO 9001:2015.**





# QUALITY MANAGEMENT SYSTEM

Ecoair guarantees Quality in our Products and Services by having robust Process and Systems and Developing best in class suppliers for all our input materials. The quality and durability of the machines is directed from the design stage right through the entire manufacturing process until the final Installation and Commissioning of the machines.

Ecoair also prioritises Environmental aspects, Health and Safety of all Ecoair stakeholders in all our actions and services.

ISO 9001:2015

UL 507

CE

## Testing activities

Ecoair Cooling Systems has a team of competent Engineers, Inspectors and Technicians that carry-out incoming Inspection, in-process and final checks, as per company/ISO approved manufacturing and inspection using Test plans and procedures for each stage of manufacturing. All standard measuring Instruments and equipment etc., are calibrated as per the set calibration schedule to ensure the accuracy of data.

## Product Certifications



Ecoair Product Performance quality is ensured by compliance and validation to standards such as AMCA, UL- 507 etc. and our products are certified by regional and International certification.

Ecoair guarantee product quality conformance commencing from supplier quality assessment, Incoming quality inspection, In process quality checking to finally finished goods quality and performance testing.





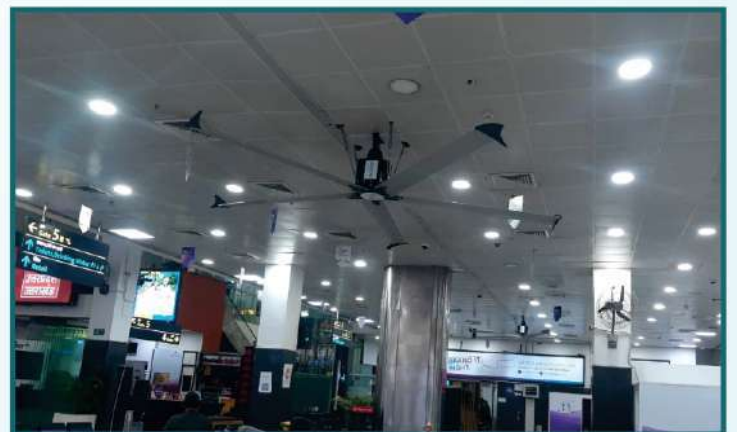
# ECOAIR AFTERSALES

Ecoair After Sales Department is the most empowered function within the organization to ensure prompt service to the end customers whenever required.

The after sales support is provided through our Dealer Network partners and Direct Support through our Service Teams to customers Pan India and now across multiple countries where Ecoair is exporting.

Ecoair also offers Training, Technical support and Spares back up to the end customers Maintenance Departments wherever required to ensure minimal down times.

The Service Teams are also capable to recommend the best solutions for installations to maximize performance. Customer Satisfaction at any cost is the straight forward simple rule that is followed by the service teams to ensure



# ECOAIR AND JCB AIR TECH

Premium Range of products under Authorized licences of  
J.C. bamford Excavators Ltd(JCB)

## ABOUT JCB AIR TECH

JCB, being one of India's leading construction equipment manufacturers, offers indigenous, world-class, and versatile solutions to ease ground work for the construction industry. With an exceptional range of construction equipment and millions of happy customers, JCB, truly, has pioneered an era of engineering excellence.

We added a Hand & Power Tools Segment, a logical extension to business. With our success in Europe, we have now ventured into the Indian market to satisfy the growing need for superior quality Hand Tools. Using the collective experience we have developed yet another range of products for the industrial segment, for air distribution, cooling and ventilation.

**AIR DISTRIBUTION, COOLING AND VENTILATION SOLUTIONS FROM AIR TECH ARE**



**INNOVATIVE**



**HIGHLY EFFICIENT**



**HIGHER  
SPECIFICATION**



**FUTURE FIT**  
- IOT COMPLIANT  
- INDUSTRY 4.0 READY



**EVAPORATIVE AIR COOLERS**



**PROMAX HVLS FANS**



**EXHAUST FANS**



# ECOAIR AND JCB AIR TECH

## PROMAX HVLS FANS

For distributing high volume of air in large spaces, creating a gentle air movement. The fan enables a perceived temperature to be cooler by 4° to 6°C. Replaces multiple wall mounted fans, and reduces the operating costs upto 80% when compared with other fans.

In industries, railway stations, commercial complexes, temples/ church/mosques, large areas, auditoriums, warehouses, airports, etc. these fans distribute the air with a gentle movement. The HVLS fans are extremely suitable for facilities planning an upgrade or a facelift. They are energy efficient, low on maintenance and deliver excellent performance.



## EVAPORATIVE AIR COOLERS

For ventilation and ensuring air changes in industrial shop floors, assembly lines, warehouses, community halls, shopping malls, auditoriums etc. It reduces air conditioning load, with air flow from the fans creating comfortable cooling, upto 20°C with high air flow.

- One of the first Evaporative Air Coolers to have PMSM motor
- Munters make CELdek pads, for improved cooling efficiency and longevity
- Danfoss, Denmark make VFD for speed control

## EXHAUST FANS

Meant for ventilation & ensuring Air Changes as per Statutory requirements in Shop floors, warehouses, assembly lines, garment factories, food processing centers, poultry farms, where large volumes of air needs to be exhausted using minimum power consumption. Instrumental in ventilation of non-flammable, low corrosive gases with temperature less than 50°C.

With louvers it is designed to prevent duct ingress when fan is switched off. With direct drive fan without belt it's maintenance free operation and durable. Their large air flow, low noise and are energy saving, due to the small capacity motor running at low RPM yet displacing large volume of air. Ideal replacement for Roof Ventilators/ Turbo Ventilators.





# ECOAIR MAJOR CLIENT LIST

## INDIAN CLIENT



# ECOAIR MAJOR CLIENTS LIST

## INTERNATIONAL CLIENT





# ECOAIR LANDMARK PROJECTS



AMAZON- BANGALORE



LUCKNOW AIRPORT- LUCKNOW



BAJAJ – AURANGABAD



BAJAJ – PUNE



CUMMINS- PHALTAN



COCA COLA- NEPAL



PEPSICO- BAGDAD



GE- PUNE



JAGUAR – PUNE



KSB- SHIRWAL AND NASHIK



LUCKNOW METRO



JCB- JHAJJAR



NAGPUR METRO



MERCEDES BENZ- PUNE



MARUTI SUZUKI- MANESAR



MCDONALDS- PAN INDIA



OLA ELECTRIC- TAMIL NĀDU



RELIANCE- MUMBAI



ROYAL ENFIELD- CHENNAI



TATA MOTORS- PUNE



PT SAI APPAREAL – INDONESIA



HYUNDAI MOTORS- KANCHIPURAM



RENAULT NISSAN- KANCHIPURAM.



# CLOSING STATEMENT

Ecoair core values of integrity, Customer Focus, Innovation, Team working & Operational Excellence have been the driving force for us since inception and have now become the foundation for the future for Ecoair.

Ecoair along with all its Stake Holders, aspires to continue its exponential growth on a global scale based on our strong foundation, fundamentals and our passion gives us the competitive edge to satisfy our customer's needs.



**Ecoair Cooling Systems Pvt. Ltd.**



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