



ECO PMSM Motor HVLS Fans

*Energy-Efficient &
Silent Operation Fans*



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 PMSM HVLS Fans



Features & Advantages

- PMSM- (Permanent Magnet Synchronous Motor), Brushless Motor with High Torque at Low RPM.
- Exceptionally Low Maintenance- Service interval > 1,00,000 Hours, with 24x7 operation at continuously full speed.
- Energy Efficient Motors- 30% Lower Power Consumption, compared to normal HVLS Fans.
- Extremely low sound – No Gearbox, Direct drive less than 50 dB @ 3 mtr
- 5 Blade Al Alloy 6061T6 Aluminum alloy blade - High Strength & Durability
- Primary and Secondary Safety features for Anti Fall Protection for all components of the Fan.

Best Suited For Application

- Continuous Duty Low sound.
- Airports, Railway stations, Warehouse
- Shopping Malls & Cinema House.
- Air Conditioned Building to lower A/c running cost.
- Shop Floors, Factories, Temple
- 24*7 Operation and Low Sound Application

Ecoair PMSM Fan Specifications

MODEL NO.	FAN DIAMETER	POWER SUPPLY	MOTOR	AIRFLOW (CFM)	HEIGHT FROM FLOOR(Mtr)	ROTATION (RPM)
EABPM7E	24 Feet	3ph	1.5 kw	3,78,000	9/11.5	52
EABPM6E	20 Feet	3ph	1.5 kw	2,88,000	9/11.5	65
EABPM5E	16 Feet	3ph	0.85 kw	2,25,000	6/7.5	72
	16 Feet	1ph	0.75 kw	2,25,000	6/7.5	72
EABPM4E	12 Feet	1ph	0.4 kw	1,30,000	5/6.5	86
EABPM3E	10 Feet	1ph	0.4 kw	99,000	5/6.5	100
EABPM2.4E	08 Feet	1ph	0.4 kw	87,000	5/5.5	120

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

Standard Applications



Ecoair Product Range



HVLS FANS



EVAPORATIVE AIR COOLING



EXHAUST FANS



YU GO FANS



AIR CIRCULATORS

Our Clients



ecoair®

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