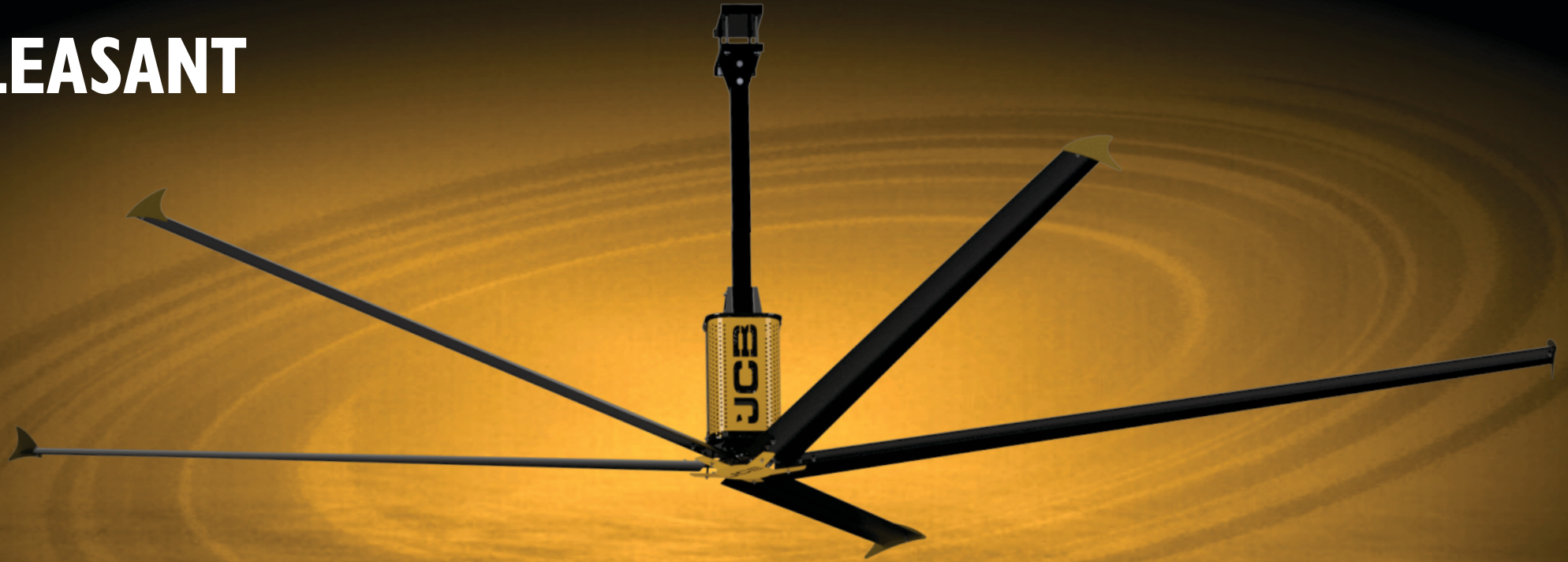


**SILENTLY MAKING AIR
AROUND YOU
PLEASANT**



JCB PROAIR PMSM HVLS FANS



HIGH COVERAGE



SAFETY FEATURES



ENERGY EFFICIENT



USER FRIENDLY



DURABLE

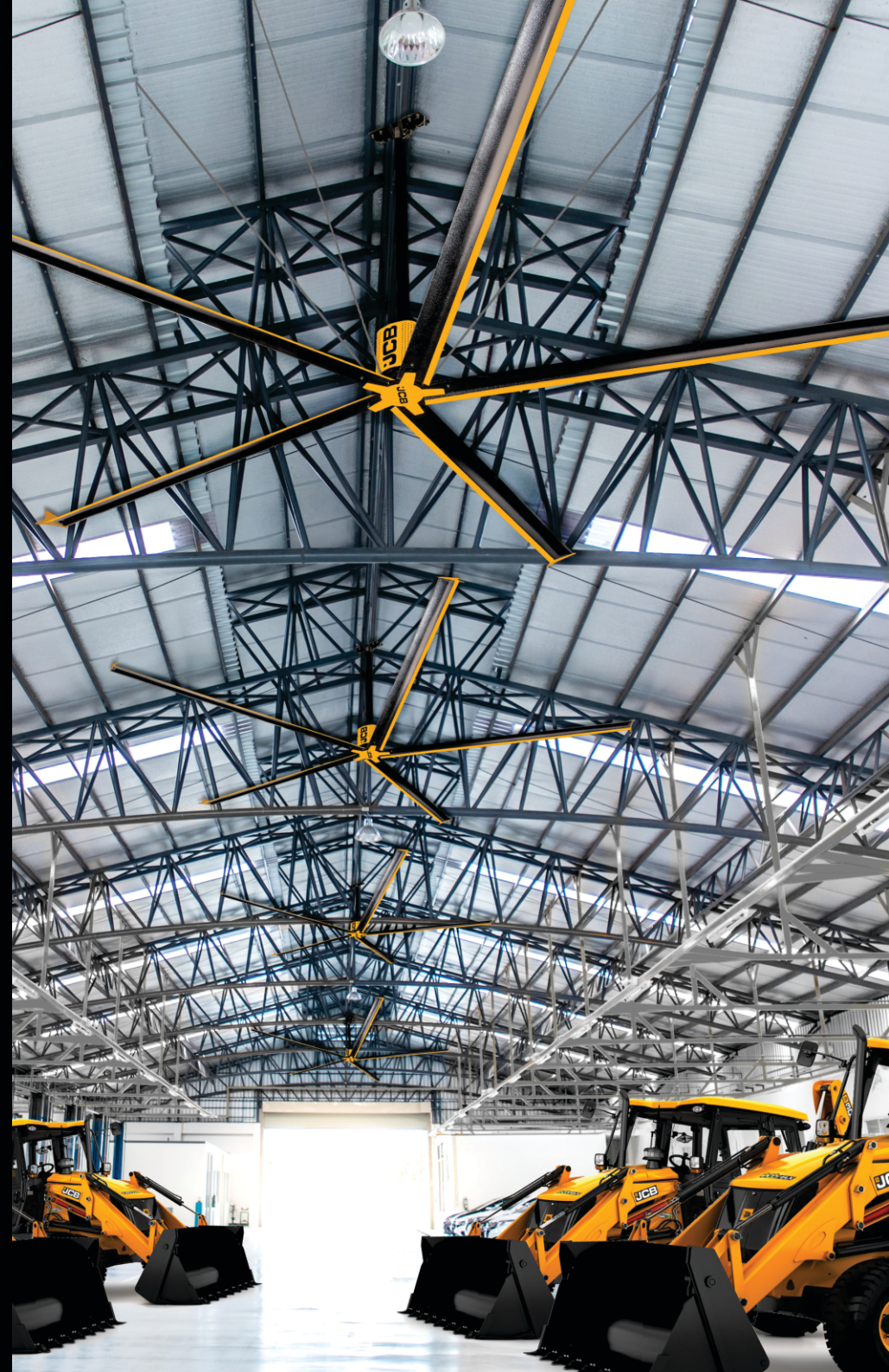
PROAIR HVLS FANS

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. Single fan replaces multiple wall mounted fans, and reduces the operating costs up to 80%.

PMSM HVLS fans distribute high volume of air with a gentle movement and are suited for Industries, Railway Stations, Commercial Complexes, Temples/Church/Mosques, Auditoriums, Warehouses, Airports, etc. These PMSM HVLS fans are extremely suitable for facilities planning an upgrade or a facelift. They are energy efficient, low on maintenance and deliver excellent performance.

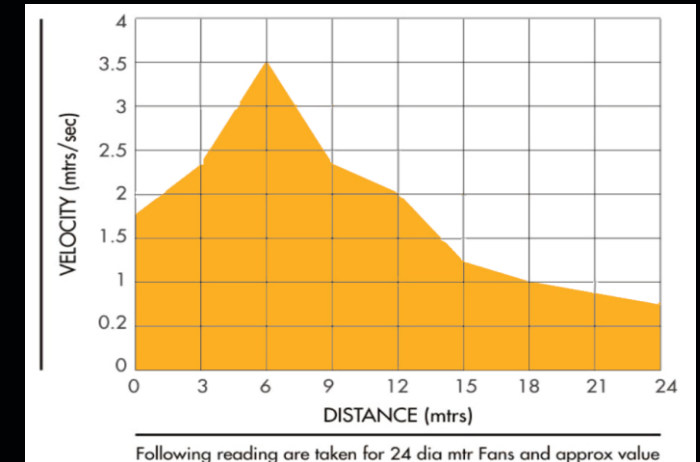
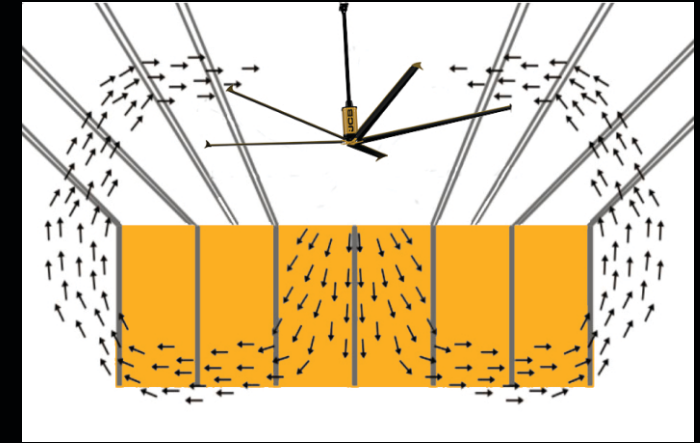
JCB AIR TECH PMSM HVLS FANS ARE DESIGNED TO MAKE A DIFFERENCE!

- EMF make PMSM motor from Germany
- Most efficient motor - consuming 30% less power compared to geared HVLS fan
- Zero Maintenance - service interval after 1, 00,000 working Hrs
- Control panel with & touch screen, makes it user friendly
- Schneider / Danfoss, make VFD for speed regulation and control the airflow
- Noise level less than 45 dB (direct drive gearless motor)
- 0% Derating of the fan performance over entire life of fan



BUILT TO LAST !

- Permanent Magnet Synchronous Motor (PMSM), gives high Torque at low speed.
- High Pole Motor (66 poles & 6 pole winding) specially designed for HVLS fan application.
- Superior components with high level of safety
 - Secondary wire rope to lock into building structure.
 - Embedded wire ropes in the blades.
 - In hub assembly for anti-fall.
- High grade 6061 T6 Aluminum alloy for Aerofoil blades.
- GI wire rope with PVC coating



PROAIR HVLS FANS TECHNICAL SPECIFICATIONS

MODEL NO.	FAN SIZE (Ft.)	MAX POWER (Kw)	HEIGHT FROM FLOOR MIN-MAX (METER)	ROTATION (RPM)	AIRFLOW (CFM)	APPLICABLE AREA (Sq.Ft.)
PROAIR 8DX	8	0.55	5 - 6.5	100	87000	4500
PROAIR 12DX	12	0.3	5 - 6.5	86	128700	6800
PROAIR 16DX	16	0.6	6 - 7.5	72	225000	8900
PROAIR 20DX	20	1.1	7 - 8.5	68	288000	10500
PROAIR 24DX	24	1.1	9 - 11.5	52	377000	16900



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



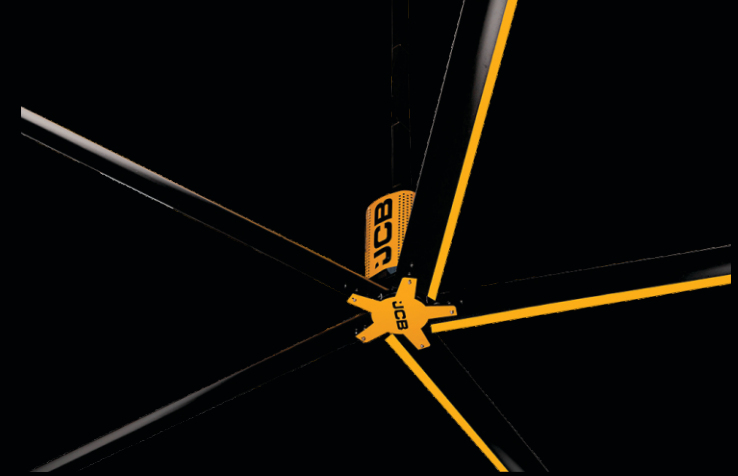
HIGHLY EFFICIENT



HIGHER
SPECIFICATION



FUTURE FIT
- IOT COMPLIANT
- INDUSTRY 4.0 READY



JCB Air Tech India is operated by
**ECOAIR COOLING SYSTEMS PVT. LTD. AND ARE
AUTHORIZED LICENCE OF J.C. BAMFORD EXCAVATORS LTD (JCB)**

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