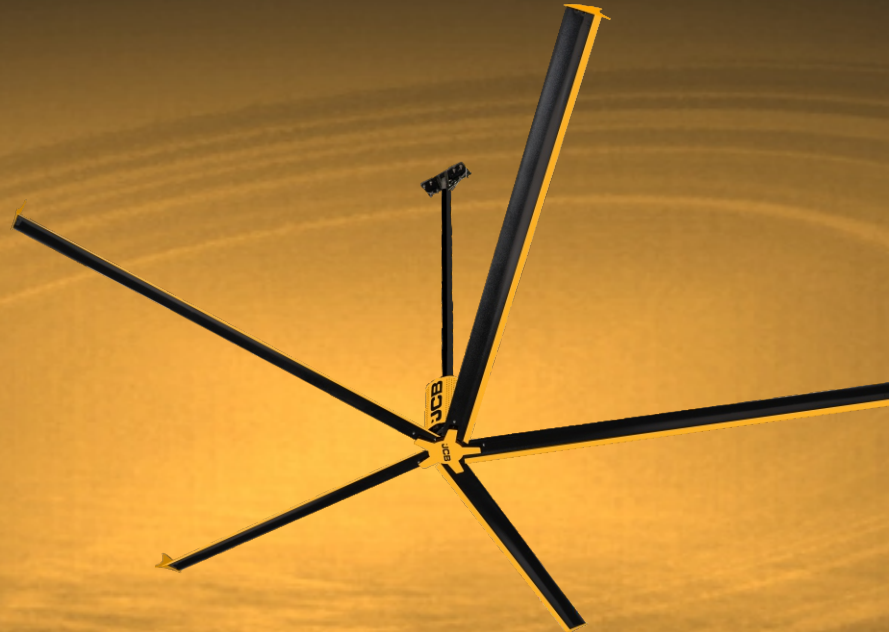


AIR DISTRIBUTION, COOLING & VENTILATION PRODUCTS



EVAPORATIVE AIR COOLERS



PROMAX HVLS FANS



EXHAUST FANS



SAFETY FEATURES



ENERGY EFFICIENT



USER FRIENDLY



DURABLE

PROMAX HVLS FANS

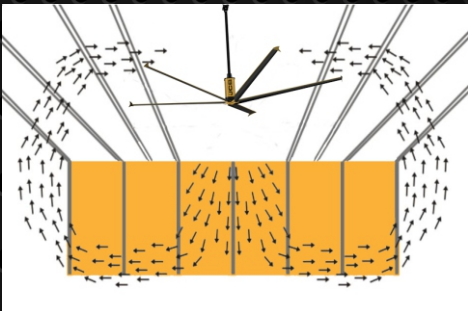
For distributing high volume of air in large spaces, creating a gentle air movement. The fan enables a perceived temperature to be cooler by 4 to 6 °C. Replaces multiple wall mounted fans, and reduces the operating costs upto 80% when compared with other fans.

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.

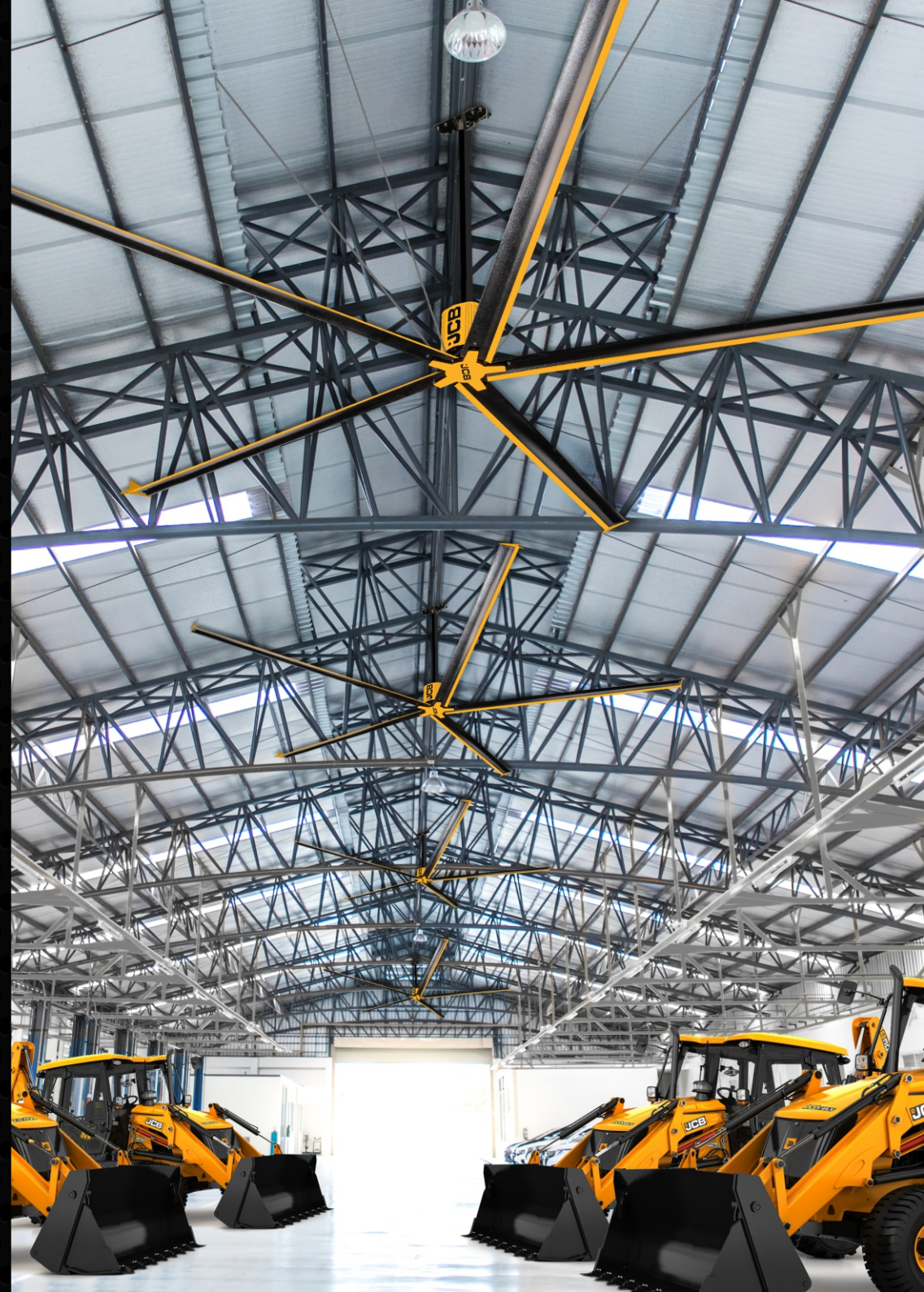
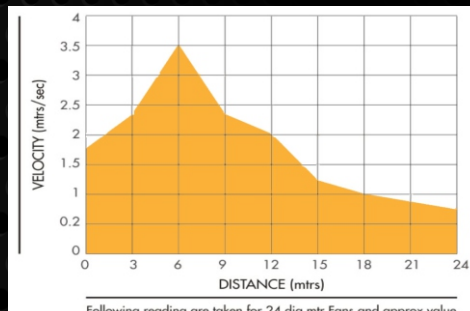
JCB AIR TECH HVLS FANS ARE DESIGNED TO MAKE A DIFFERENCE!

- German make IE3 motors, for zero maintenance
- Control panel with & touch screen, makes it user friendly
- Danfoss, a Denmark make VFD, gives variable speed controller to set and control the airflow
- Specialized blade design enabling 50% increased coverage area

HVLS FAN CONCEPT



DISTANCE VS AIR VELOCITY



PROMAX HVLS FANS - TECHNICAL SPECIFICATIONS (GEARED)

MODEL NO	FAN SIZE (Ft.)	MAX POWER (Kw)	ROTATION (RPM)	AIR FLOW (CFM)	MINIMUM HEIGHT OF FAN BLADE FROM FLOOR (Mtr)	COVERAGE AREA (Sq.Ft)
PROMAX 2.4J	8	0.75	120	99,000	3	5,100
PROMAX 3J	10	0.75	110	10,8000	3.5	6,100
PROMAX 4J	12	1.1	85	14,4000	4	7,200
PROMAX 5J	16	1.1	69	25,2000	5	9,900
PROMAX 6J	20	1.5	66	31,5000	6	11,700
PROMAX 7J	24	1.5	52	41,4000	7	18,900



PROAIR PMSM 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

PMSM HVLS FANS - TECHNICAL SPECIFICATIONS (GEARLESS)

MODEL NO	FAN SIZE (Ft.)	MAX POWER (Kw)	ROTATION (RPM)	AIRFLOW (CFM)	MINIMUM HEIGHT OF FAN BLADE FROM FLOOR (Mtr)	COVERAGE AREA (SQ.FT.)
PROAIR 8DX	8	0.3	110	87000	3	4500
PROAIR 10DX	10	0.3	100	99000	3.5	5500
PROAIR 12DX	12	0.3	86	130000	4	6800
PROAIR 16DX	16	0.6	72	225000	5	9000
PROAIR 20DX	20	1.1	68	288000	6	10500
PROAIR 24DX	24	0.98	52	377000	7	16900

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.

JCB AIR TECH AIR COOLERS ARE DESIGNED TO MAKE A DIFFERENCE!

- 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

MOTOR SPECIFICATIONS MODEL – JCB EAC 30J

SR.NO	MAKE	JCB AIR TECH
1	TYPE	PERMANENT MAGNET SYNCHRONOUS MOTOR (PMSM)
2	EFFICIENCY	92%
3	CURRENT	5A
4	VOLTAGE	415 V
5	SPEED	200 TO 1420 RPM
6	POWER	2.6 KW
7	FREQUENCY	50 HZ
8	IP	55
9	WEIGHT	15 KG

APPLICATIONS

Shop floors, Assembly lines, Warehouse community halls, Shopping malls, Auditoriums etc.

TECHNICAL SPECIFICATIONS MODEL – JCB EAC 30J

DISCHARGE	TOP/BOTTOM/SIDE
VOLTAGE	3 PHASE, 415 V / 50 HZ
POWER CONSUMPTION	2600 W
NOISE	<70 DB
AIR FLOW	30000 CMH
STATIC PRESSURE	36 MM WG
WATER CONSUMPTION	25 - 30 LPH
TANK CAPACITY	30 L
GROSS WEIGHT	140 KG
SPEED	VARIABLE SPEED



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.

JCB AIR TECH EXHAUST FANS ARE DESIGNED TO MAKE A DIFFERENCE!

- One of the first to use PMSM motor in Exhaust fan
- Danfoss, Denmark make VFD for speed control

BUILT TO LAST!

- Designed for superior performance
- Higher airflow, low noise, with very low power consumption
- Easy plug and play installation
- Future ready, Industry 4.0 compatible
- Aluminum blades & G.I. cabinet for long life
- Low maintenance, easy to service

MOTOR TECHNICAL SPECIFICATIONS

MODEL NO	JCB EX800J	JCB EX1000J
POWER(KW)	0.4	0.55
VOL/FREQ(V/HZ)	415/50	415/50
ROTATION(RPM)	520	460
AIR FLOW (CMH)	23000	32000
DIMENSION IN MM	LENGTH	982
	WIDTH	372
	HEIGHT	1050



UPCOMING PRODUCTS



JCB YU-GO FANS

YU- GO fan is floor mounted horizontal fan with an 6-ft diameter. The energy-efficient direct-drive motor offers variable adjustments to fan speed through an intuitive speed control dial. Its construction is very compact & durable which gives ideal air movement solution in any environment.

SR.NO.	DESCRIPTION	SPECIFICATION
1	Fan Diameter (ft)	6
2	Motor Type	PMSM
3	Power (kW)	0.75
4	Power line/Voltage(V)	Single Phase / 230V
5	Operating Frequency (Hz)	130
6	Speed(RPM)	300
7	Air Volume (CMH)	75000



JCB FLEX NXT 5E

JCB FLEX NXT 5E is next generation wall mounted heavy duty fan with coverage area more than 40 feet in length. Aerofoil shaped fan blades provide smooth air flow and efficiently dissipates heat without making any noise. Oscillation motion of 120 degree gives enables wider coverage area & to cover most inaccessible corners.

SR.NO.	DESCRIPTION	SPECIFICATION
1	Fan Diameter (Ft.)	5
2	Type of fan	Wall Mounted HVLS Fan
3	Fan Adjustment (Vertically)	0-60°
4	Oscillatory Motion	0-120°
5	Power / Inline Voltage(V)	3 Phase / 415V
6	Speed Control	Optional / VFD
7	Speed (RPM)	400 to 450
8	Coverage Area (m2)	270
9	Air Volume (CMH)	54,000

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 is operated by
ECOIR COOLING SYSTEMS PVT. LTD. AND ARE
AUTHORIZED LICENCE OF J.C. BAMFORD EXCAVATORS LTD (JCB)
S.NO. 255/I, TIRUMALA INDUSTRIES ESTATE, PHASE I
RAJIV GANDHI INFOTECH PARK, HINJEWADI,
PUNE - 411057, MAHARASHTRA, INDIA

Sales: ☎ +91 7550613333 , ✉ sales@jcbairtech.com

Service: ☎ +91 7550623333 , ✉ service@jcbairtech.com

🌐 www.jcbairtech.com

