



Jinwin[®]
HVLS FANS



HVLS FANS
Cultivating Excellence,
Amplifying Efficiency.



About Company

Kaka Industries Limited, a distinguished presence in India's manufacturing sector, specializing in high-quality PVC products. Our recent foray into the production of High Volume Low Speed (HVLS) fans exemplifies our commitment to precision design, thorough development, and meticulous testing across various specifications.

At Kaka Industries, our ethos revolves around delivering premium-quality products with a distinct focus on affordability to the discerning Indian market. Beyond the point of sale, we pledge a lifetime of dedicated service to ensure our customers experience lasting value.

Why HVLS Fans ?

HVLS, or "High-Volume, Low Speed," fans are typically ceiling fans that move slowly, distributing large amounts of air at low rotational speeds. Specifically, an HVLS fan is any mechanical fan with a diameter exceeding seven feet. These fans circulate a substantial volume of air by pulling it from above and pushing it down in a conical shape to the floor. Rotating at an optimized low speed, JINWIN HVLS fans efficiently move the most air over the largest area at minimal cost.

The benefits of HVLS fans extend throughout the year. They create a comfortable environment and save on energy costs. In the summer, they keep people cool, and during winter, they assist in destratification by mixing warm air from the ceiling with cooler air at the floor. Widely used in warehouses, manufacturing, processing units, rolling mills, textiles, automotive industries, auto-ancillaries units, dairy farms, foundries, religious places, and more, HVLS fans offer versatile solutions for various applications.



Benefits Of HVLS Fan :

- Quality Breeze Air Feeling
- Rich air flow
- Large area coverage
- Lowest power consumption
- Zero maintenance
- Enhancing productivity of working people

Usage / Application Area

 Big Industries	 Large industrial sheds	 Warehouse
 Airport	 Bus station	 All religious places
 Food and beverages Industries	 Big restaurants	 Cow sheds
 Cinema Hall	 Railway station	 Hotels
 Hospitals	 Mall	



Your Safety Under The Moving Fan:

- **High-strength blades :**
We use high-grade T6063-T6 aluminum blades for exceptional strength and to prevent accidental breakage.
- **Secure blade clamps :**
Our blade clamps are made from HE-20 grade aluminum bar, not casting, for a stronger and more reliable hold.
- **Double safety protection :**
Safety rings are applied to both blades and clamps for an extra layer of security.
- **Stability you can trust :**
Safety guy wires ensure proper balance and add another level of safety to the mounting system.
- **Preventative maintenance :**
Non-reversible nuts on all bolts prevent them from loosening over time, ensuring continued secure operation.
- **Precise control :**
We use a VFD control panel for accurate and reliable fan operation.

Jinwin HVLS Fans - Residential Series

HVLS FANS	R Series (6 ft)	R Series (7 ft)	R Series (8 ft)	R Series (10 ft)
Model No.	JINWIN-R6	JINWIN-R7	JINWIN-R8	JINWIN-R10
Power Consumption / HR	0.25 kw	0.25 kw	0.35 kw	0.35 kw
Maximum Speed	150 RPM	140 RPM	130 RPM	120 RPM
Noise levels in dbA at 1 Mtr	Below 35.7 dBA	Below 35.7 dBA	Below 35.7 dBA	Below 35.7 dBA
No. of Blade	5 Nos.	5 Nos	6 / 8 Nos.	6 / 8 Nos.
Air flow in CFM	40,000	55,000	75,000	125,000
Coverage area (Max Length x Max Width)	15 feet x 15 feet Min. Height required for Installation: 8.5 feet	20 feet x 20 feet Min. Height required for Installation: 8.5 feet	30 feet x 30 feet Min. Height required for Installation: 8.5 feet	40 feet x 40 feet Min. Height required for Installation: 10 feet
Gross fan weight in Kgs	25 Kg	28 Kg	31 Kg	35 Kg
Total life of fan in years	20 years +	20 years +	20 years +	20 years +

Jinwin HVLS Fans - Commercial Series

HVLS FANS	C Series (10 ft)	C Series (12 ft)	C Series (14 ft)
Model No.	JINWIN-C10	JINWIN-C12	JINWIN-C14
Power Consumption / HR	0.35 kw	0.35 kw	0.65 kw
Maximum Speed	120 RPM	110 RPM	90 RPM
Noise levels in dbA at 1 Mtr	Below 35.7 dBA	Below 35.7 dBA	Below 35.7 dBA
No. of Blade	6/8 Nos.	6/8 Nos.	6 Nos.
Air flow in CFM	125,000	160,000	195,000
Coverage area (Max Length x Max Width)	40 feet x 40 feet Min. Height required for Installation: 10 feet	50 feet x 50 feet Min. Height required for Installation: 10 feet	60 feet x 60 feet Min. Height required for Installation: 10 feet
Gross fan weight in Kgs	35/40 Kg	37/42 Kg	40/45 Kg
Total life of fan in years	15 years +	15 years +	15 years +

Jinwin HVLS Fans - Industrial Series

HVLS FANS	I Series (16 ft)	I Series (18 ft)	I Series (20 ft)	I Series (24 ft)
Model No.	JINWIN-I16	JINWIN-I18	JINWIN-I20	JINWIN-I24
Power Consumption / HR	1.0 kw	1.0 kw	1.4 kw	1.4 kw
Maximum Speed	73 RPM	68 RPM	62 RPM	55 RPM
Noise levels in dbA at 1 Mtr	Below 35.7 dBA	Below 35.7 dBA	Below 35.7 dBA	Below 35.7 dBA
No. of Blade	5 Nos.	5 Nos.	5 Nos.	5 Nos.
Air flow in CFM	295,000	325,000	355,000	428,000
Coverage area (Max Length x Max Width)	65 feet x 65 feet Min. Height required for Installation: 12 feet	73 feet x 73 feet Min. Height required for Installation: 12 feet	90 feet x 90 feet Min. Height required for Installation: 15 feet	107 feet x 107 feet Min. Height required for Installation: 15 feet
Gross fan weight in Kgs	95 Kg	100 Kg	110 Kg	120 Kg
Total life of fan in years	16 years +	16 years +	16 years +	16 years +

Sr.	Particular	Geared Motor	Gearless Motor
1	Price	Almost same as Gearless Motor fan	Almost same as Geared motor fan
2	Technology	Geares are used in this technology having repair and maintenance history	Latest, gearless technology, hence not required any repairs and maintenance
3	Life cycle	Max 5 years without repairing	More than 16 years as the latest technology introduced with high efficiency class
4	Maintenance	Gear oil must to be changed in duration of every 1.5 to 2 years	ZERO maintenance
5	Refurbishment	Repairable but depends on spares availability	Not required as it is in-built permanent magnet synchronized motor
6	Noice level	60 DBa	Below 35.7 DBa
7	Power Consumption	Little higher than Gearless Motor f.g.24feet diameter fan power consumption is 1.5Kw	Bit lower than Geared Motor f.g.24feet diameter fan power consumption is 1.4Kw
8	Availability	Easily available in Indian Market	Available any time in stock
9	Safety	For geared motor type HVLS Fan, 5 steps safety required for prevent falling.	Hub hang on a single shaft and wings clamps having safety ring therefore no other safety precautions required to prevent falling.
10	Weight	Geared motor HVLS Fan weight is around 150 kgs for 24 feet diameter fan	Gearless motor HVLS Fan weight is around 120 kgs for 24 feet diameter fan



Installation by trained team

We are providing installation solutions by highly trained workers, to whom given proper training to do work with perfect steps to install this big fan.



Warranty of HVLS Fan

- **Warranty of HVLS Fan -**
2 Years with complete replacement
- **Warranty of Electrical parts -**
1 Years with complete replacement



After sales service support

- Providing immediate service in 48 hours in case of any manufacturing fault.
- Also providing online service supports if possible to resolve the normal faults in fan.



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