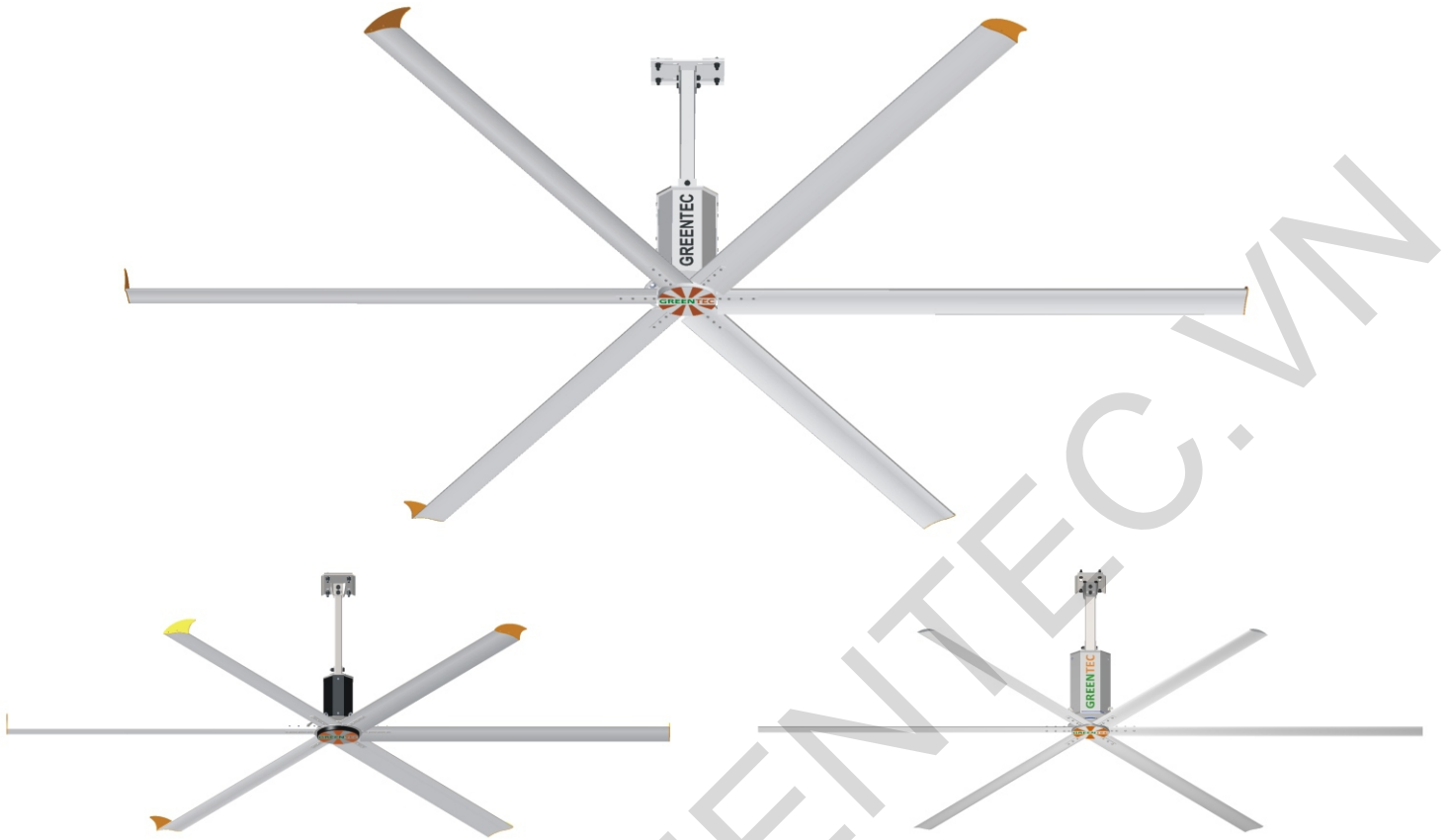


GREENTEC

Making things better



ENERGY
SAVING



AIR SOLUTION



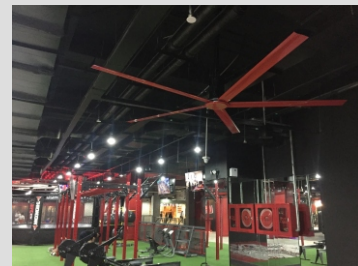
COMFORTABLE



SAVE COST

High Volume Low Speed Fans

- Fan Sizes up to 7000mm
- Save Up to 30% on Fuel energy Costs
- Summer Cooling - Winter Destratification
- Spring and Autumn Ventilation



GREENTEC

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Benefits of Celling Fans

- Require lower cost for investment, installation and maintenance than traditional cooling methods.
- Cut energy consumption for heating. Provide eco-friendly and economic solutions.
- Assist in the removal of contaminant and heat.
- Help reduce condensation on floors and equipments.
- Work coordinated with high velocity fans and other air conditioning systems.
- The maximum flow speed indoor should be below 3m/s
- No direct blow to the human body
- No close to the human body
- Generally improves air quality when used in conjuntion with any air make-up system by assuring a good air mixture and diluting stale contaminated air.



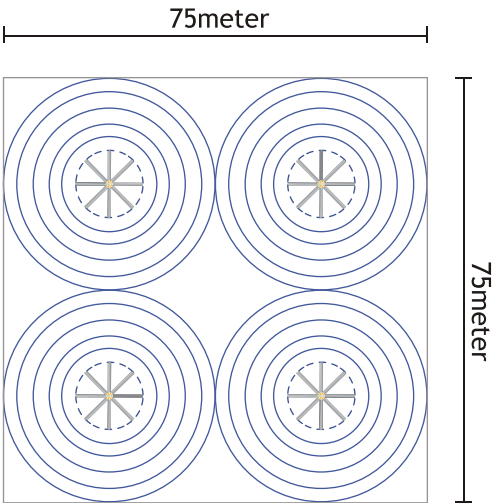
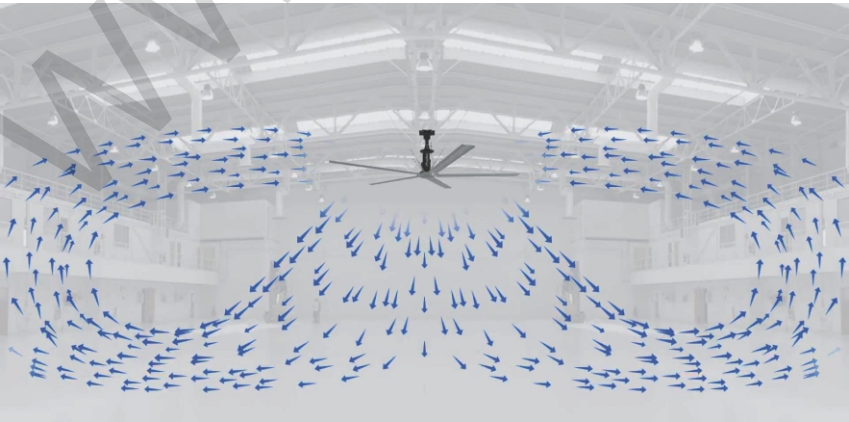
Reduce Energy Costs with Hight Volume Low Speed Fans

COMPARISION TABLE

Size(mm)		Moto size(Kw)		Max speed(RPM)		Max(Air disp. CMM)		Area cover(M2)	
Traditional fans	HVLS fans	Traditional fans	HVLS fans	Traditional fans	HVLS fans	Traditional fans	HVLS fans	Traditional fans	HVLS fans
500	5000	0.14	1.1	1400	55	120	20000	20	750
600	6000	0.18	1.5	1400	50	150	24000	24	1000
750	7000	0.36	1.5	1400	45	300	30000	28	1250

Application Attribute	HVLS Fan	Traditional fans
Maitenance - free	✓	✗
Comfortableness	✓	✗
Handle ability	✓	✗
Manageability	✓	✗
Overall ventilation	✓	✗
Working life	✓	✗

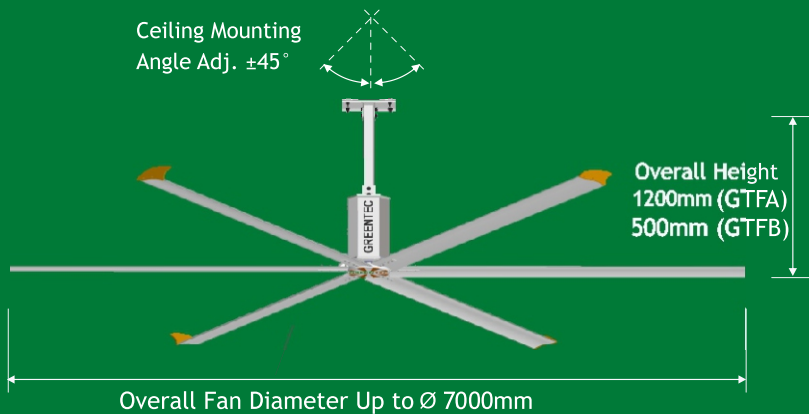
Airflow and converage area



Mounting & Details

- Designed with user's comfort and safety in mind.
- Custom mounting systems for customers
- Fan can be mounted to different construction profiles.
- Safety Cable secures the fan to the mounting structure.
- Fans are tested and simulated for best results.

Dimensions Requirement

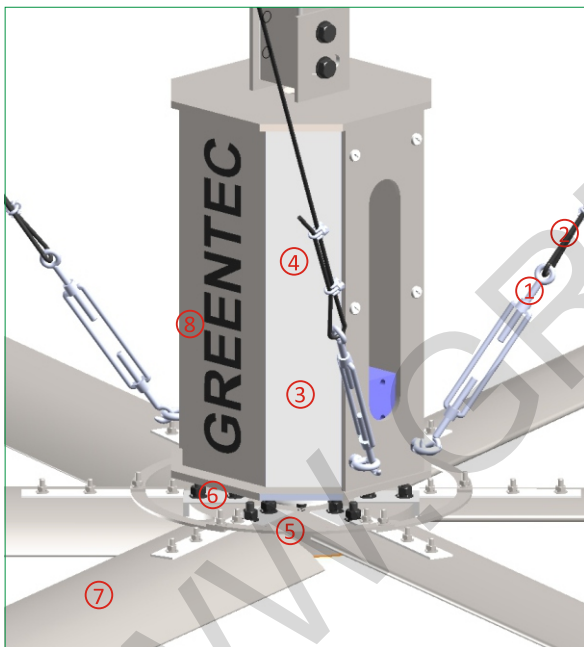


Fan control panel

- Speed Control Device(inverter)
- Operating Mode Selection
- External Ventilation
- Vary speed adjust
- Option: 3 phase 380V / 1 phase 220V

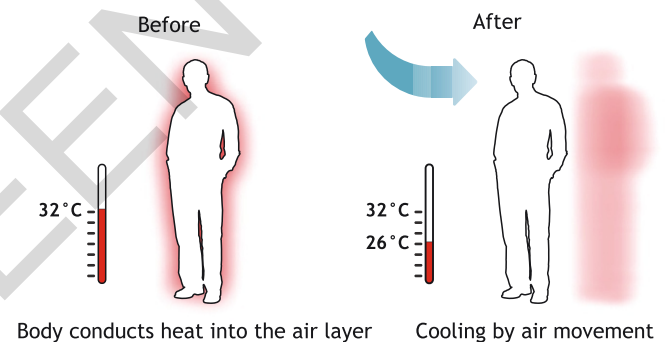


Structure Safety



- ① Double Pivot Adjustable Mount
- ② Secure Safety Cable
- ③ Gear Reduction
- ④ Motor
- ⑤ Safety clip
- ⑥ Safety ring
- ⑦ Blade
- ⑧ Cover

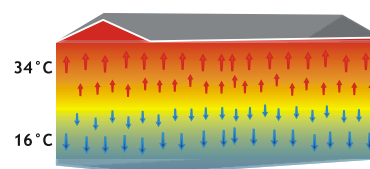
Summer Cooling



- Require lower cost for investment, installation and maintenance than traditional cooling methods.
- Improve worker comfort, enhance productivity with minimum energy consumption.

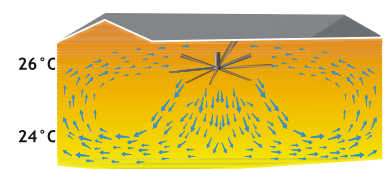
Winter Destratification

Befor Geentec



Heated air collects at ceiling

After Geentec



HVLS Fans Supply warm air destratification

- Cut energy consumption for heating. Provide eco-friendly and economic solutions.
- Bring heated air at the ceiling down to the floor. Supply warm air destratification.

Technical Specification

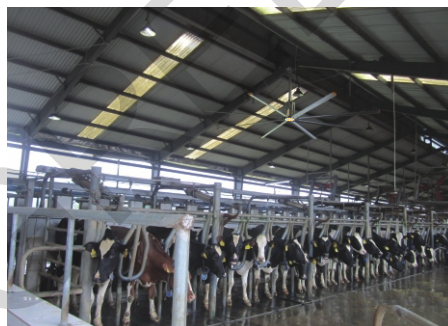
PRODUCT MODEL	Blades	Fan diameter F (mm)	Maximum speed (Rpm)	Motor power (Kw)	Air flow (m3/s)	Coverage area (m2)	Coverage diameter D(m)	Weight ± 3%. (Kg)
GTFA5-3500	5	3500	70	0.75	136	452	24	123
GTFA5-4500	5	4500	65	1.1	174	754	31	129
GTFA5-5500	5	5500	55	1.1	224	1017	36	136
GTFA6-3000	6	3000	70	0.75	94	314	20	124
GTFA6-4000	6	4000	65	1.1	165	660	29	132
GTFA6-5000	6	5000	55	1.1	209	907	34	140
GTFA6-6000	6	6000	50	1.5	249	1134	38	147
GTFA6-7000	6	7000	45	1.5	264	1320	41	155

- Weight of fans change depending on the lenght and design of mounting brackets.
- Converage area is affected by objects such as abstruacting the airflow. (columns, walls, machines, furnitures...)
- We provide different size and different blade coulor as customer requirement.
- Standard: power supply is 3P 380V and option: 1P 220V, 3P 220V

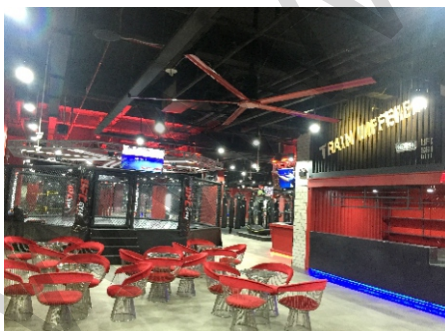
Recommended Applications



- Places Where Maximum Air Movement is Required (Factory, Workshop...)



- Large Buildings with High Ceilings (Warehouses, Hangars, Industrial Facilities, Farm...)



- Intensively Used Areas Where People Come Together (Entertaining Centers, Cafeterias, Libraries, Museums, Theater, Opera, Concert Halls, Fair Exhibition Centers, Showrooms)

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