

GREENTEC

Making things better



ENERGY
SAVING



AIR SOLUTION



COMFORTABLE



SAVE COST



SILENT
OPERATION

High Volume Low Speed Fans

- Summer Cooling - Winter Destratification
- Save Up to 50% on Fuel energy Costs
- 6 Blades, Fan Sizes up to 7000mm
- Spring and Autumn Ventilation



GREENTEC

Hanoi Add: No.52 - TT4A Van Quan, Ha Dong, Hanoi, Vietnam
Phone: +84 43 9933 388 Hot line: +84 97 888 9922

HCM Add: No.06, Thanh Cong, Tan Phu, Ho Chi Minh
Phone: +84 932809372

Benefits of Ceiling 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.

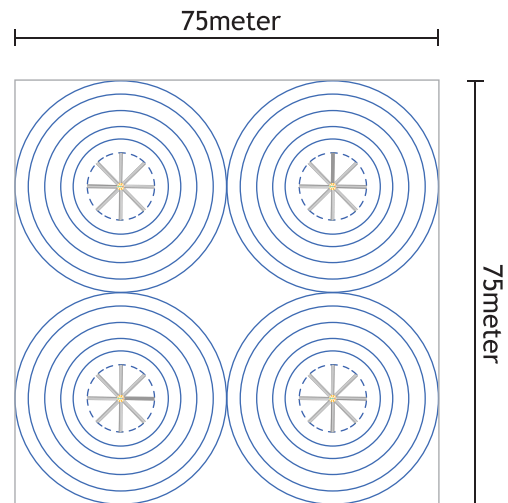
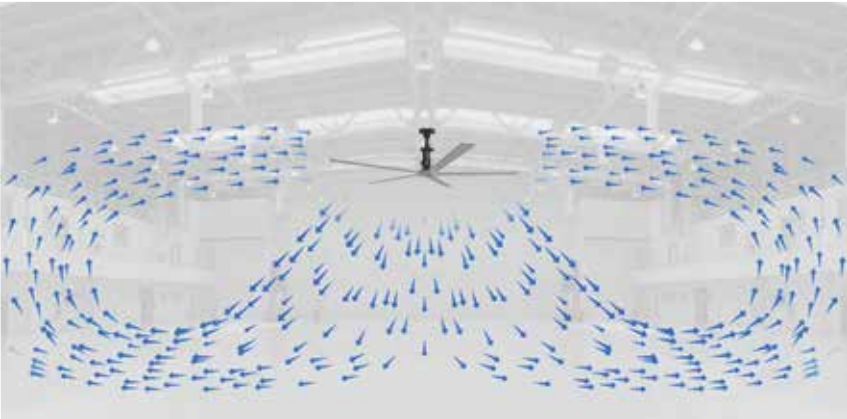


➤ Reduce Energy Costs with Hight Volume Low Speed Fans

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	0.6	1400	55	120	12000	20	600
600	6000	0.18	0.6	1400	50	150	13200	24	1000
750	7000	0.36	0.6	1400	45	300	15000	28	1250

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

➤ Airflow and converage area



Features

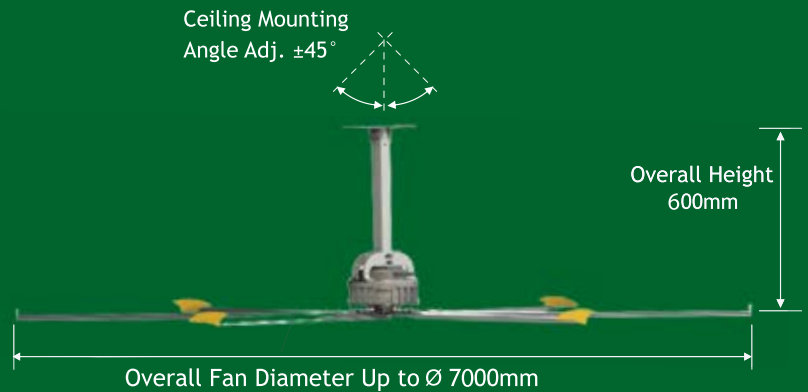
- No gear box and compact
- External rotor for higher torque output
- Energy saving @90% efficiency
- BLAC no torque ripple effect
- IP65 water tight protection rated motor
- Silent operation thanks to the gearless motor and the special airfoil design
- EMC filter to avoid electromagnetic interference with other devices
- 24/7 continuous operation
- 6 high performance aerofoil shaped blades
- Robust steel structure and chassis for long life and high tensile strength
- Hub cover to protect the motor from dust and better aesthetics.
- Key safety features (main security wire, additional stabilizing cables, hub safety ring).
- Simple electrical connections.

Fan control panel

- Operating Mode Selection
- External Ventilation
- Vary speed adjust
- Option: 3 phase 380V / 1 phase 220V



Dimensions Requirement



Summer Cooling



Before Greentec

Body conducts heat into the air layer

After Greentec

Cooling by air movement

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

Winter Destratification



Before Greentec

Heated air collects at ceiling

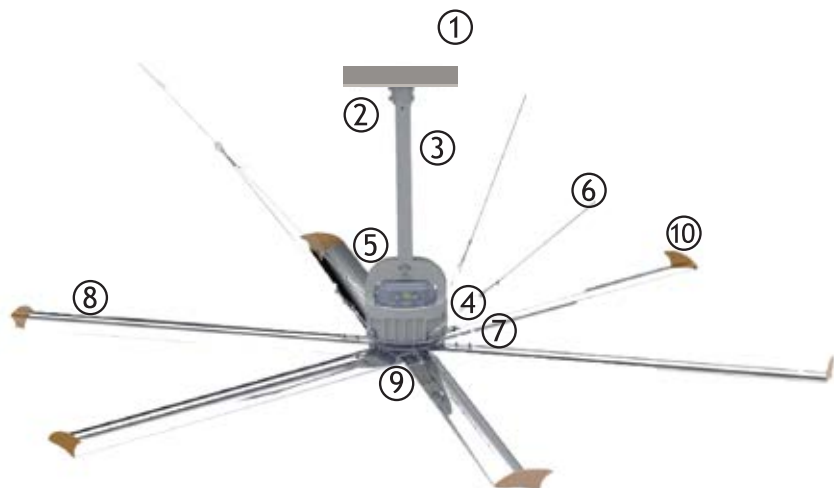
After Geentec

HVLS Fans Supply w 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.

Structure Safely

- ① Mounting structure
- ② Flange connector
- ③ Down rod
- ④ Motor
- ⑤ Cover
- ⑥ Secure safety cable
- ⑦ Double pivot adjustable mount
- ⑧ Blade
- ⑨ Safety ring
- ⑩ Wingtips



➤ Technical Specification

Order Code	Blades	Fan Diameter Ø (mm)	Maximum Speed (Rpm)	Motor Power (KW)	Airflow (m ³ /s)	Coverage Area (m ²)	Coverage Diameter D (m)	Weight ± 3% (kg)
GTFA5S-3000	5	3000	95	1.0	46	154	14	116
GTFA5S-3500	5	3500	85	1.0	67	201	16	120
GTFA5S-4000	5	4000	80	1.0	120	314	20	124
GTFA5S-5000	5	5000	65	1.0	195	754	31	132
GTFA5S-6000	5	6000	55	1.0	220	1017	36	140
GTFA5S-7000	5	7000	50	1.0	250	1256	40	148
GTFA6S-3000	6	3000	90	1.0	46	154	14	124
GTFA6S-3500	6	3500	80	1.0	67	314	20	128
GTFA6S-4000	6	4000	65	1.0	120	452	24	132
GTFA6S-5000	6	5000	55	1.0	200	615	28	144
GTFA6S-6000	6	6000	50	1.0	249	1017	36	152
GTFA6S-7000	6	7000	45	1.0	258	1256	40	162

➤ 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)