GREENTEC

Making things better

ENERGY SAVING

GEAR REDUCER DRIVE

AIR SOLUTION

SAVE COST

High Volume Low Speed Fans

- Summer Cooling - Winter Destratification
- Save Up to 30% on Fuel energy Costs
- 6 Blades, Fan Sizes up to 7300mm
- 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

Web: www.greentec.vn Email: info@greentec.vn

Benefits of Celling Fans

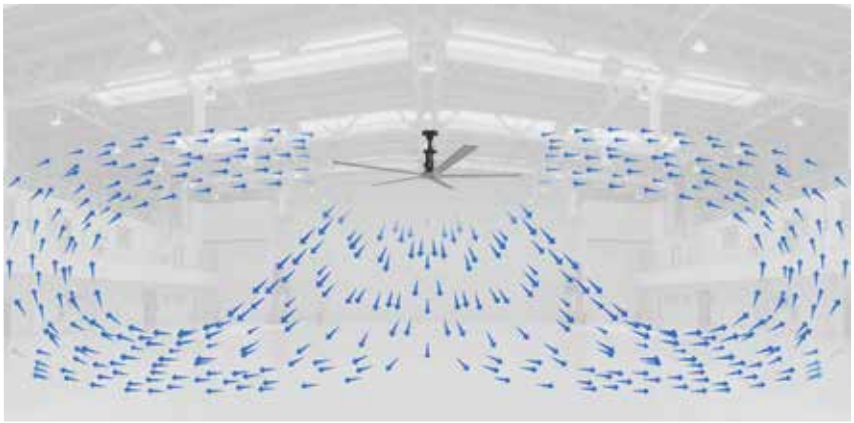
- Require lower cost for investment, installation and maintenance than traditional cooling methods.
- Cut energy consumption for heating. Provide eco-friendly and economic solutions.
- Assist in the removal of contaminant and heat.
- Help reduce condensation on floors and equipments.
- Work coordinated 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.

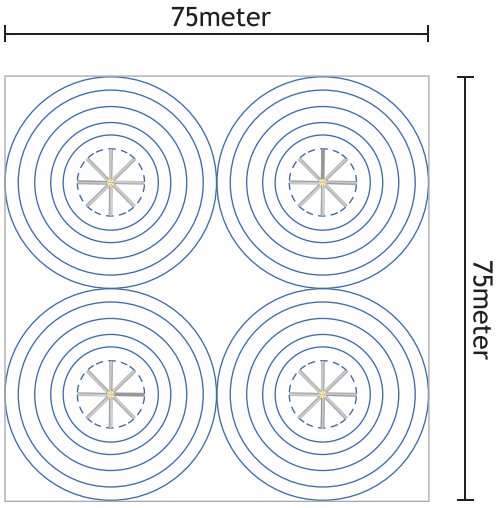
Reduce Energy Costs with Hight Volume Low Speed Fans

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	5500	0.14	1.1	1400	55	120	20000	20	750
600	6100	0.18	1.5	1400	50	150	24000	24	1000
750	7300	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





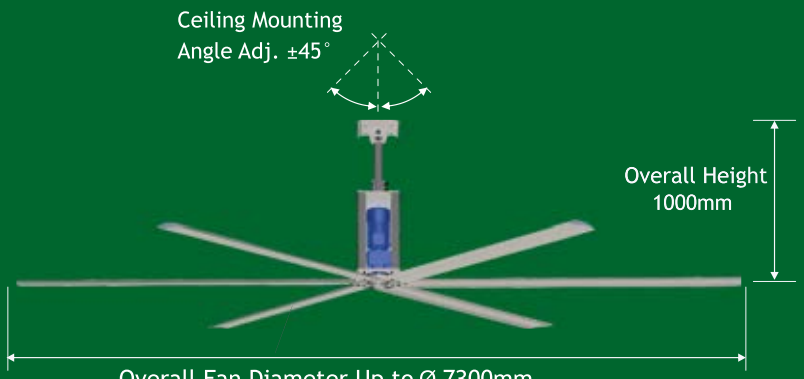
Features

- IP55 water tight protection rated motor
- Barely audible noise
- 24/7 continuous operation
- 6 high performance aerofoil shaped blades
- Extruded aluminium blades for high Strength and durability
- 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).
- Aerodynamically shaped winglets to enhance performance and reduce noise
- Simple electrical connections.

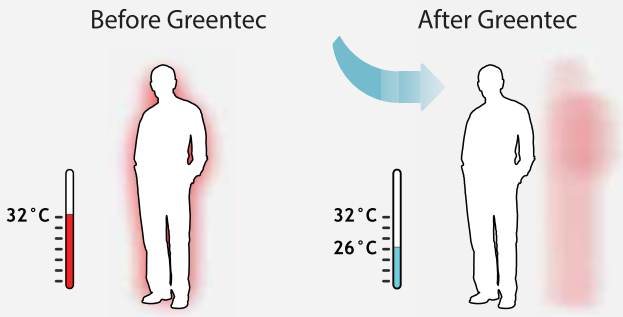
Fan control panel

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

Diemensions Requirement

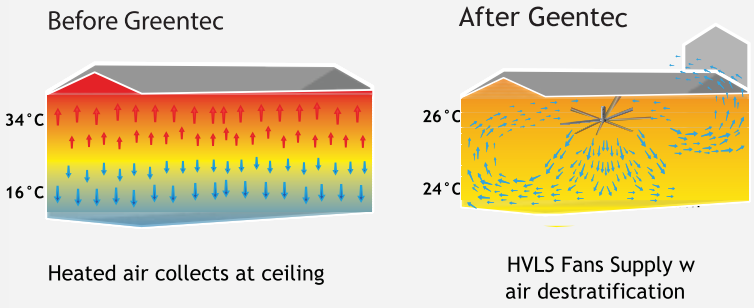


Summer Cooling



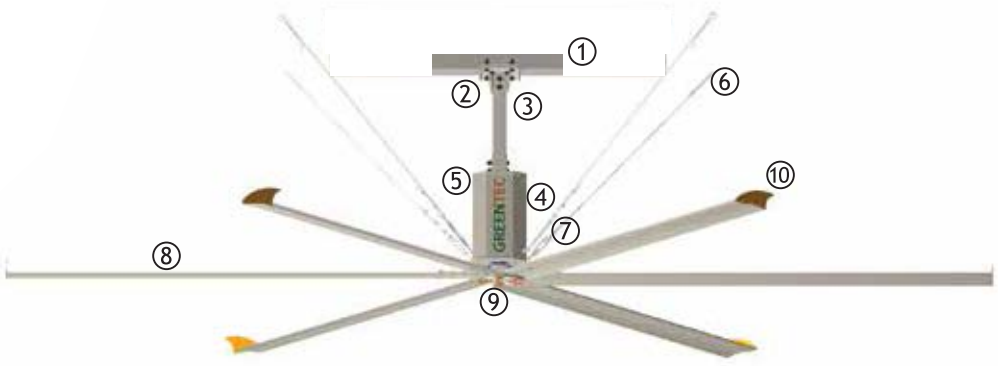
- Require lower cost for investment, installation and maintenance than traditional cooling methods.
- Improve worker comfort, enhance productivity with minimum energy consumption.

Winter Destratification



- 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)
GTFD6-3000	6	3000	90	0.75	46	154	14	75
GTFD6-4000	6	4000	75	1.1	120	314	20	122
GTFD6-5000	6	5000	65	1.1	200	754	31	130
GTFD6-6000	6	6000	50	1.5	249	1017	36	135
GTFD6-7300	6	7300	45	1.5	264	1256	40	145

- Weight of fans change depending on the lenght and design of mounting brackets.
- Converage area is affected by objects such as abstructing the airflow. (columns, walls, machines, furnitures...)
- We provide different size and different blade coulor as customer requirement.
- Standard: power suplly 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)