



# HVLS Fans

Installation possibilities



- Warehouses
- Stadiums
- Gymnasiums
- School Halls
- Shopping Malls
- Sports Complexes
- Religious Facilities
- Airports
- Manufacturing Facilities

**Our Mission :**

To provide solution for improving safety, increasing productivity and reducing energy costs at industrial and commercial facilities.

**Better Environment :**

1. Help eliminate heat stress
2. Reducing condensation on products and packaging
3. Improve indoor air quality
4. Consistent floor to ceiling temperatures
5. Reduce humidity

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# HVLS Fans

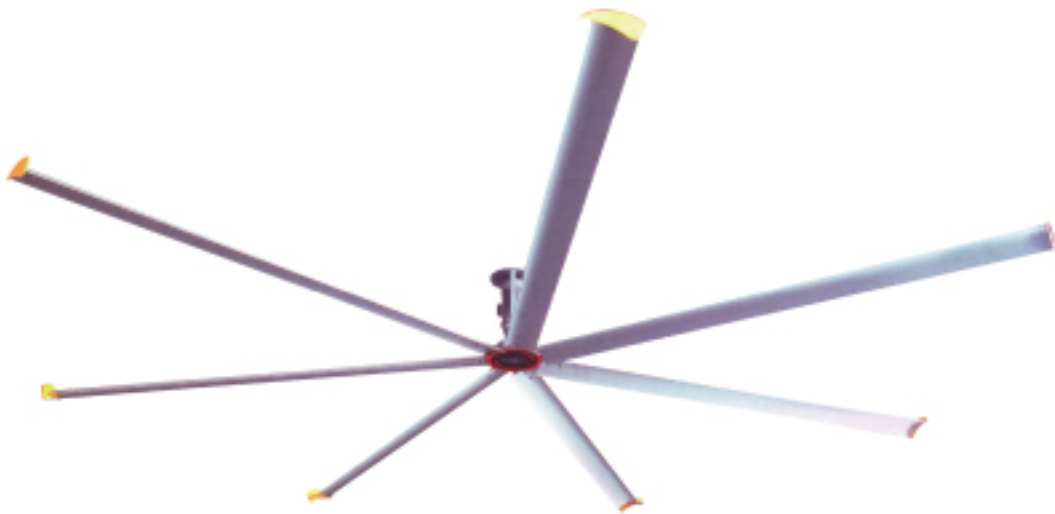


# GLOBAL WARMING GREENER EARTH



Global warming is the increase in the average temperature of Earth's near-surface air and oceans since the mid-20th century and its projected continuation. According to the 2007 Fourth Assessment Report by the Intergovernmental Panel on Climate Change (IPCC), global surface temperature increased by  $0.74 \pm 0.18 \text{ }^\circ\text{C}$  ( $1.33 \pm 0.32 \text{ }^\circ\text{F}$ ) during the 20th century. Most of the observed temperature increase since the middle of the 20th century has been caused by increasing concentrations of greenhouse gases, which result from human activities such as the burning of fossil fuel and deforestation. Global dimming, a phenomenon of increasing atmospheric concentrations of human-made particulates, which affect cloud properties and block sunlight from reaching the surface, has partially countered the effects of warming induced by greenhouse gases.

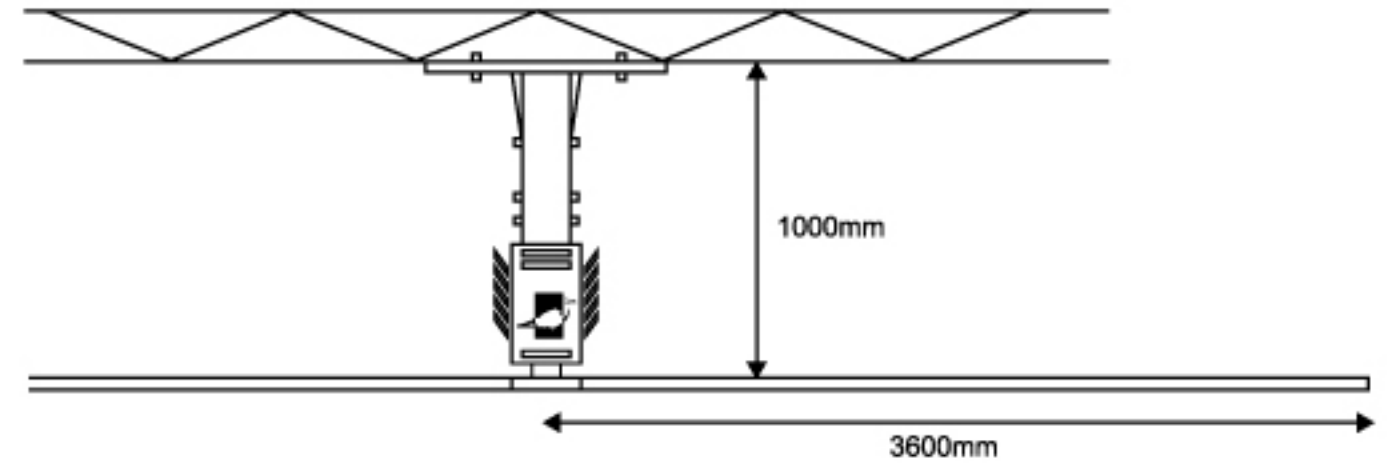
## INNOVATION DESIGN



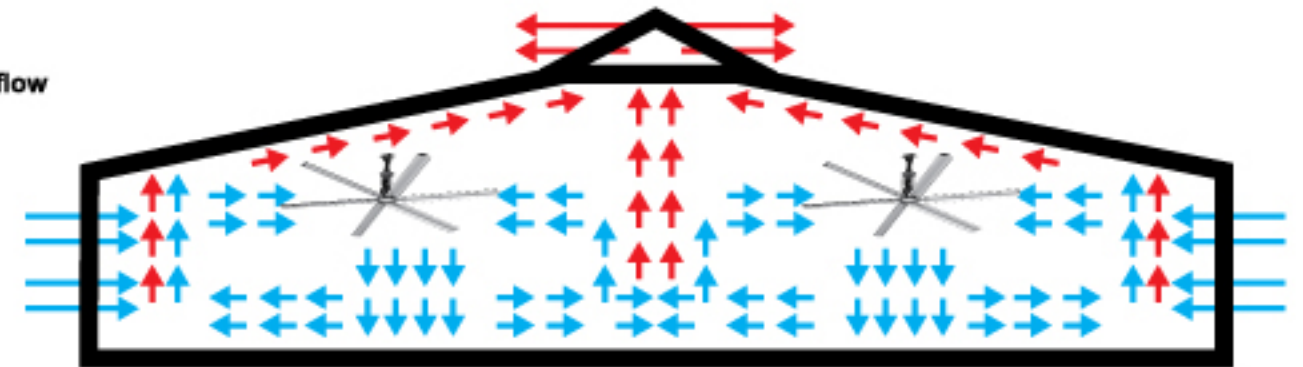
Today's standard for high performance building environment. Large, high volume, low speed (HLVS) fans offer big benefit over high speed ceiling floor fans, by circulating and dispersing air more efficiently and effectively. Windy environment help to purify the air around you preventing bacteria growth and eliminating bad area while keeping the air well-circulated in a big area where large concentration of heat is trapped or located.

Air velocity will vary throughout the zones depending on the fan's diameter and speed setting. The maximum airflow could reach 400,000 cubic feet per minute (CFM).

### Installation

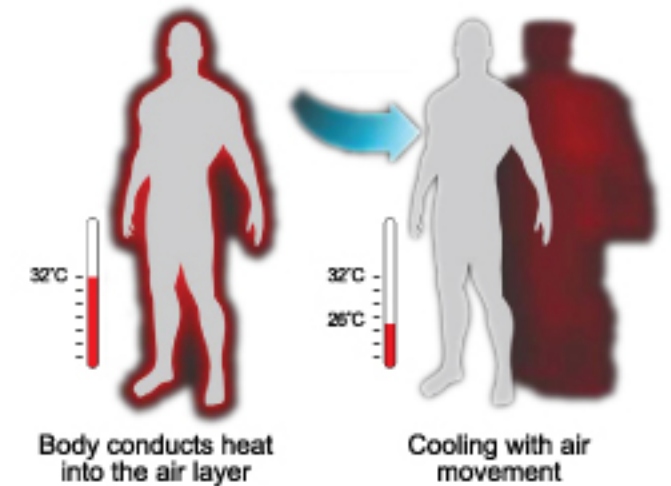


### Air flow



### Wind Chill Factor :

The wind chill factor is the air temperature we feel on exposed skin due to wind. The human body perceives moving air to be cooler than stagnant air so as the air circulates moves the air around, you will enjoy the same cooling effect that makes the environment feel colder than the true ambient temperature.



### Specification :

No. of Blades	6	6	6	7	7	7	7
Motor Power	0.75	1.1	1.1	1.1	1.5	1.5	1.5
Fan Diameter (mm)	1800	2200	2800	5400	6000	6600	7200
Maximum Speed (rpm)	160	140	120	60	55	50	45
Overall Height	650	650	800	1000	1000	1000	1000
Weight (kg)	55	58	65	110	120	125	130
Coverage Area (m <sup>2</sup> /s)	200	220	280	600	700	800	1000