

a refreshing  
**Breeze**



**HVLS Fan**  
( HIGH VOLUME LOW SPEED )



[www.helifan-hvls.com](http://www.helifan-hvls.com)



## COMPANY PROFILE

Golden Engineering Co. Pvt. Ltd. (GECPL) is a 30 years YOUNG company and a leading Manufacture and Exporter of HVLS Fans, Powerless Turbine Roof Ventilators, Air Exchange Ventilation products and Precision Engineering Components in India. The promoters of our Company are having four decades of experience in Engineering field with wide technical know-how in customized development and manufacturing.

The principles of GECPL lies in realizing the potential market and satiating the customer needs in the most profitable, efficient and ethical manner. Our strength and success can be attributed to our efficient management, modern operational systems, uncompromising quality control and dynamic workforce, but above all it is our desire and vision that has accelerated our growth.

We are a dedicated and motivated team of highly skilled professionals from varied fields involved in manufacturing and marketing quality products in various countries. We have a continuous endeavor to improve, adapt and customize, wherever necessary in order to achieve best results. Our key strength is our manufacturing ability to develop customized items as per customer requirements.



LOW  
**MAINTENANCE**  
**HIGH PROFIT**



LOWEST  
**POWER**  
**CONSUMPTION**



LOWEST  
**OPERATIONAL**  
**COST**

### OUR BRANDS



*Turbovent*

  
**TWISTER**





## The high volume low speed (HVLS) industrial ceiling fan is designed to circulate the air in your facility more efficiently and effectively.

HVLS fans slowly circulate a large amount of air as the air is pulled from above the fan and pushed down in a conical shape to the floor below. These highly efficient, cost-saving commercial ceiling fans are being used in warehouses, distribution centre's, gymnasiums and a variety of other applications. Rotating at an optimized low speed, Heli Fan HVLS industrial fans move the most air over the largest area at the lowest cost.

Heli Fan HVLS fans have benefits year-round by creating a more comfortable environment while saving on energy costs. They keep people cool in the summer, and in the winter, they can be used for destratification - a process that mixes warm air from the ceiling with cooler air at the floor.

### COMFORT

Heli Fan HVLS fans provide year-round comfort for employees, customers and other visitors to your facility. In addition to keeping the temperature comfortable, our fans can also help reduce the chance of a heat stress and help eliminate illness associated with "sick" buildings by improving indoor air quality.

COLOUR VARIANTS AVAILABLE

Satin Matte

Matte Black

Victorian Red

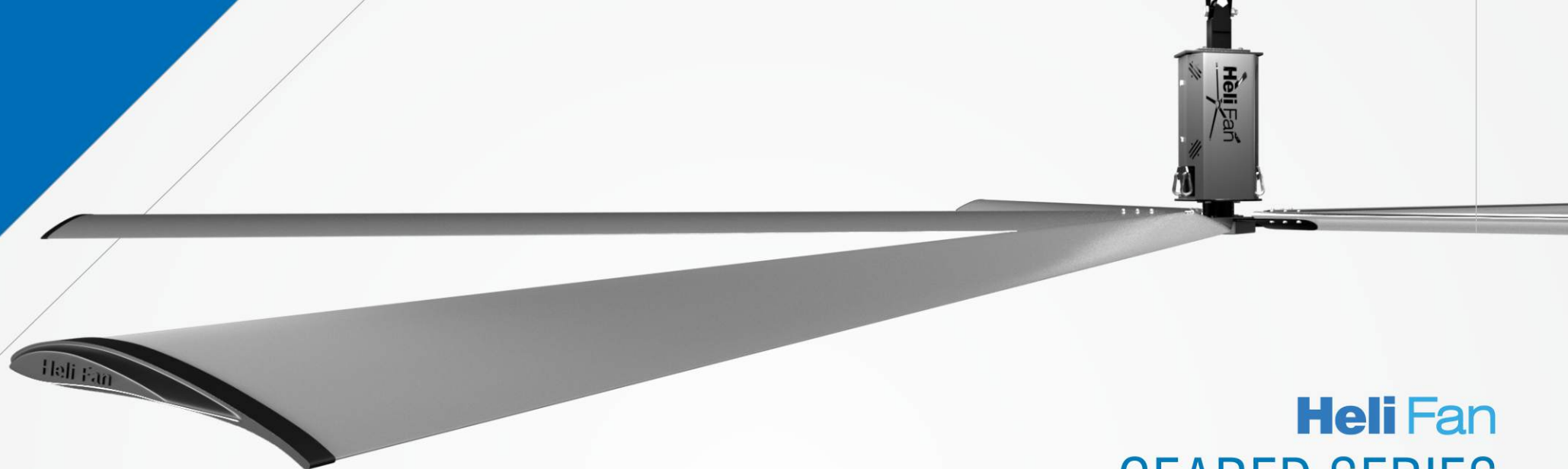
Granda Green

Deep Blue



240 mm wide Cambered Airfoil blade technology

Heli Fan Uses Patent pending 240 mm wide "Cambered Airfoil" blade technology which produces a large column of air which flows down to the floor and outward in all direction, creating a horizontal floor jet that effectively circulates air to greater distance, it also has a much longer cord length that yields most precious air flow and higher mechanical efficiencies.



## Heli Fan GEARED SERIES



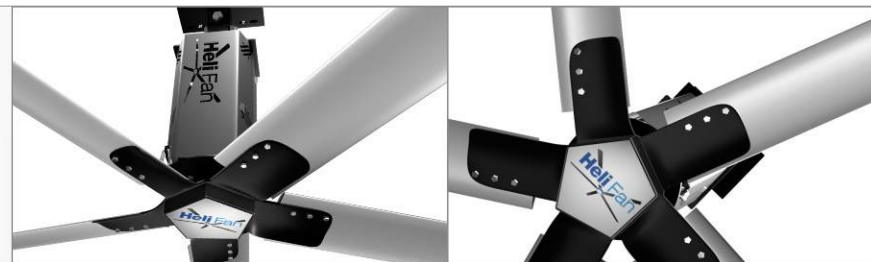
### MOVE AIR PRECISELY

Designing HVLS fans that produce ideal airflow for cooling and heating any application.

**Heli Fan Helical Geared Motor Series Technical Parameters**

Model	Fan diameter Ft. (Mtrs)	Motor power Kw/Hp	Number of Blades	Max Speed (RPM)	Air volume (CFM)	Full load current (Ampere)	Approx. Area Covered in square feet	Weight Kgs	Noise(dB)
HF- 24 B5	24ft(7.3m)	1.5/2.0	5	0-53	402600	3.15@440V	16200	148	60
HF- 20 B5	20ft(6.0m)	1.5/2.0	5	0-60	345100	3.15@440V	13650	140	60
HF- 18 B5	18ft(5.4m)	1.5/2.0	5	0-60	324158	3.15@440V	12500	136	60
HF- 16 B5	16ft(4.9m)	1.1/1.5	5	0-70	185650	2.15@440V	10800	128	58
HF- 14 B5	14ft(4.2m)	1.1/1.5	5	0-70	154526	2.15@440V	8200	118	58
HF- 12 B5	12ft(3.6m)	1.1/1.5	5	0-98	138860	1.94@440V	6400	106	58
HF- 10 B5	10ft(3.0m)	1.1/1.5	5	0-98	112545	1.94@440V	4200	98	58

- Operating frequency 48Hz to 63Hz.
- Standard Input voltage AC 3PH 380 to 480V, +10% / -15%
- Optional Input voltage AC 1PH 200 to 240V, +10% / -15%
- Optional 3 blade configuration available.
- Customised size and colour options available.



# Heli Fan GEARLESS BLDC/PMSM SERIES

ENERGY-EFFICIENT  
AIR MOVEMENT

EFFECTIVE & EFFICIENT DESIGN



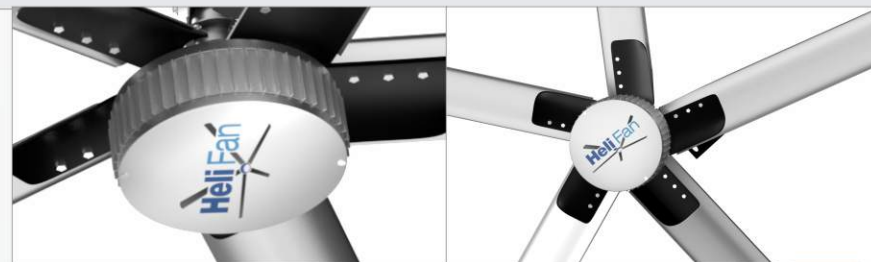
**MOVE AIR  
SMOOTHLY**

Manufacturing big fans that are quiet and energy efficient.

**Heli Fan Gearless / PMSM / Direct Drive Motor(DDM) Series Technical Parameters**

Model	Fan diameter Ft. (Mtrs)	Motor power Kw/Hp	Number of Blades	Max Speed (RPM)	Air volume (CFM)	Full load current (Ampere)	Approx. Area Covered in square feet	Weight Kgs	Noise(dB)
HF DDM-24 B5	24ft(7.3m)	1.5/2.0	5	0-50	402600	3.15@440V	16200	136	40
HF DDM-22 B5	22ft(6.9m)	1.5/2.0	5	0-52	402600	3.15@440V	16200	132	40
HF DDM-20 B5	20ft(6.0m)	1.5/2.0	5	0-55	345100	3.15@440V	13650	128	40
HF DDM-18 B5	18ft(5.4m)	1.5/2.0	5	0-57	324158	3.15@440V	12500	122	40
HF DDM-16 B5	16ft(4.9m)	1.2/1.6	5	0-70	185650	2.15@440V	10800	112	40
HF DDM-14 B5	14ft(4.2m)	1.2/1.6	5	0-75	154526	2.15@440V	8200	104	40

- Operating frequency 48Hz to 63Hz.
- Standard Input voltage AC 3PH 380 to 480V, +10% / -15%
- Optional Input voltage AC 1PH 200 to 240V, +10% / -15%
- Optional 3 blade configuration available.
- Customised size and colour options available.







## Heli Fan LITE SERIES

( GEARLESS / PMSM )



### MOVE AIR INFINITELY

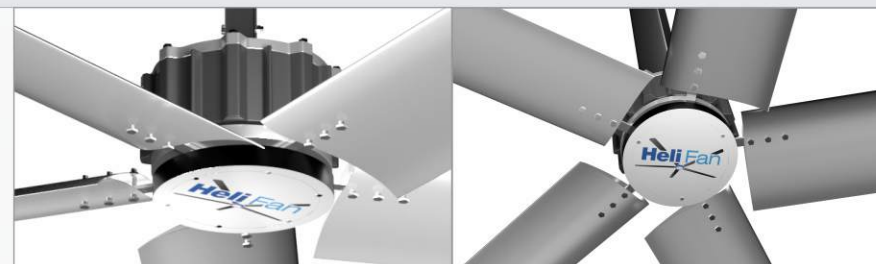
Building large fans  
that maintain their  
high quality over time.



Heli Fan Gearless / PMSM / Direct Drive Motor(DDM) Series Technical Parameters

Model	Fan diameter Ft. (Mtrs)	Motor power Kw/Hp	Number of Blades	Max Speed (RPM)	Air volume (CFM)	Full load current (Ampere)	Approx. Area Covered in square feet	Weight Kgs	Noise(dB)
HF DDM-12 B5	12ft(3.6m)	0.75/1	5	0-75	138860	1.94@440V	6400	72	40
HF DDM-10 B5	10ft(3.0m)	0.75/1	5	0-80	102545	1.94@440V	4200	69	40
HF DDM-8 B5	8ft(2.4m)	0.75/1	5	0-90	89500	1.94@440V	2200	65	40

- Operating frequency 48Hz to 63Hz.
- Standard Input voltage AC 3PH 380 to 480V, +10% / -15%
- Optional 3 blade configuration available.
- Customised size and colour options available.



SIMPLY HELICIOUS

# Heli Fan ELITE SERIES

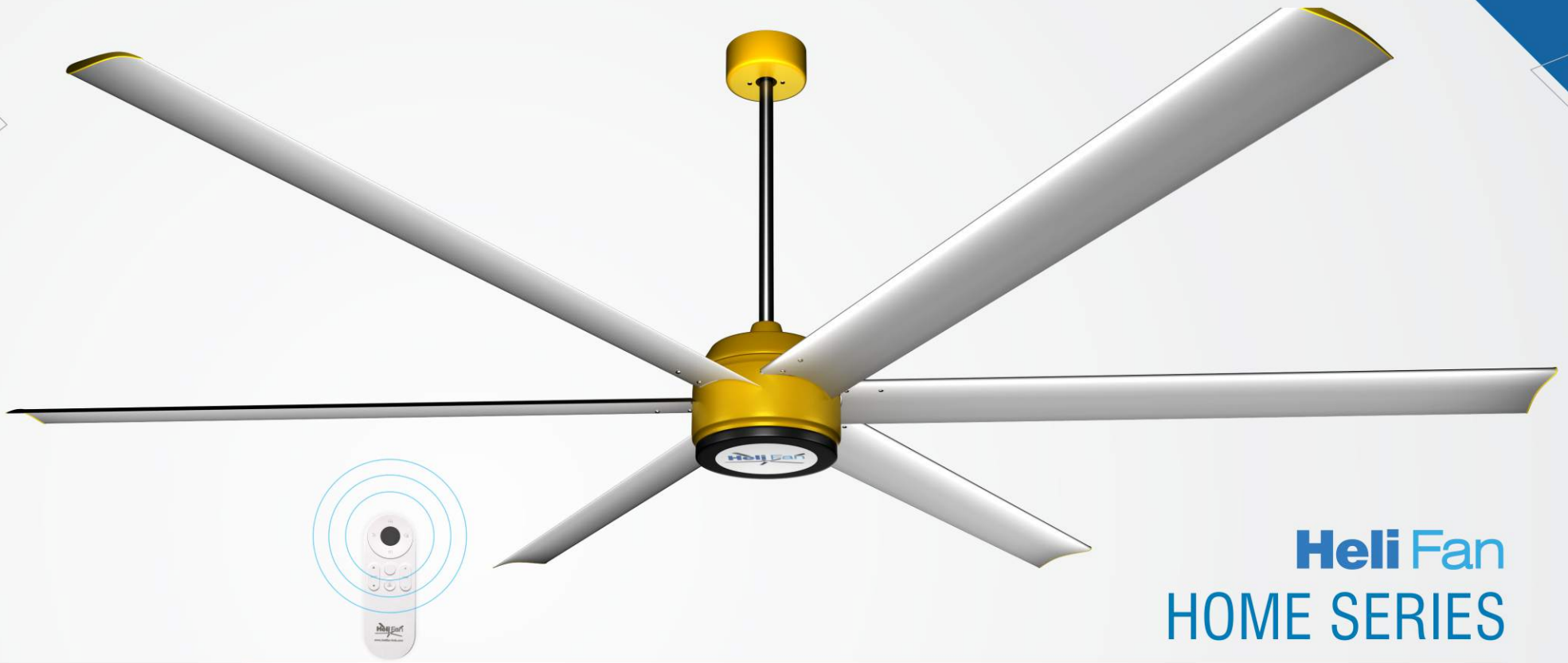
( GEARLESS / PMSM )

Heli Fan Gearless Motor Elite Series Technical Parameters

Model	Fan diameter Ft. (Mtrs)	Motor power Kw/Hp	Number of Blades	Max Speed (RPM)	Air volume (CFM)	Full load current (Ampere)	Approx. Area Covered in square feet	Weight Kgs	Noise(dB)
HF Elite 13-B6	13ft. (4.0m)	0.4kw	6	0-70	115025	1.0 @220V	2500	46	40
HF Elite 11-B6	11ft. (3.4m)	0.4kw	6	0-75	98852	1.0 @220V	1850	42	40
HF Elite 9-B6	9ft. (2.4m)	0.4kw	6	0-90	89500	1.0 @220V	1250	36	40

- Operating frequency 48Hz to 63Hz.
- Input voltage AC 1PH 200 to 240V, +10% / -15%
- Customised size available.





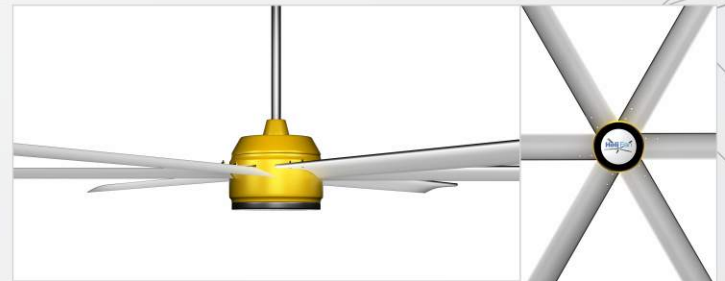
## Heli Fan HOME SERIES

Easy Operation  
Low Noise  
Minimal Assembly  
Lightweight and  
Compact design

**Heli Fan Gearless Motor Home Series Technical Parameters**

Model	Fan diameter Ft. (Mtrs)	Motor power Watts	Number of Blades	Max Speed (RPM)	Air volume (CFM)	Full load current (Ampere)	Approx. Area Covered in square feet	Weight Kgs	Noise(dB)
HF HS 8-B6	8ft(2.4m)	70w	6	0-90	48658	1.0 @220V	1250	15	35
HF HS 7-B6	7ft(2.1m)	70w	6	0-90	43500	1.0 @220V	1120	14	35
HF HS 6-B6	6ft(1.8m)	70w	6	0-90	40528	1.0 @220V	1010	13	35
HF HS 5-B6	5ft(1.5m)	70w	6	0-90	38255	1.0 @220V	910	12	35

- Operating frequency 50Hz.
- Input voltage AC 1PH 200 to 240V, +10% / -15%
- Customised size available.





NOT ALL FANS NEED A CEILING

## Heli Fan POLE MOUNT SERIES

Heli Fan Helical Geared Motor Pole Mount series Technical Parameters

Model	Fan diameter Ft. (Mtrs)	Motor power Kw/Hp	Number of Blades	Max Speed (RPM)	Air volume (CFM)	Full load current (Ampere)	Approx. Area Covered in square feet	Weight Kgs	Noise(dB)
HF PM- 24 B5	24ft(7.3m)	1.5/2.0	5	0-53	402600	3.15@440V	16200	148	60
HF PM-20 B5	20ft(6.0m)	1.5/2.0	5	0-60	345100	3.15@440V	13650	140	60
HF PM- 18 B5	18ft(5.4m)	1.5/2.0	5	0-60	324158	3.15@440V	12500	136	60
HF PM-16 B5	16ft(4.9m)	1.1/1.5	5	0-70	185650	2.15@440V	10800	128	58
HF PM- 14 B5	14ft(4.2m)	1.1/1.5	5	0-70	154526	2.15@440V	8200	118	58
HF PM-12 B5	12ft(3.6m)	1.1/1.5	5	0-98	138860	1.94@440V	6400	106	58

- Operating frequency 48Hz to 63Hz.
- Standard Input voltage AC 3PH 380 to 480V, +10% / -15%
- Optional Input voltage AC 1PH 200 to 240V, +10% / -15%
- Customised size and colour option available.
- Pole weight will be separate depending upon the height required.

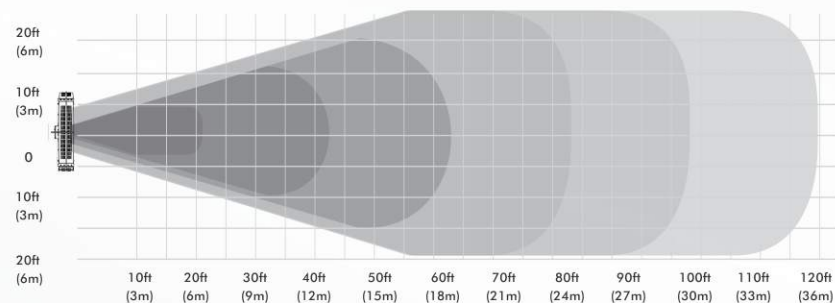




# Heli Fan AIR ON WHEELS

HIGH VOLUME LOW SPEED  
TECHNOLOGY

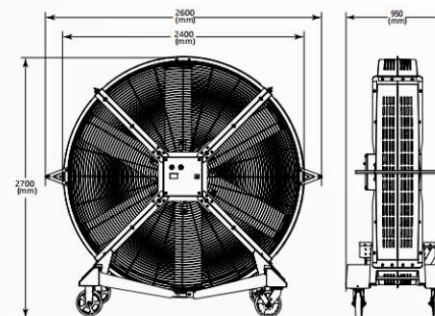
## EXPLORE MOBILE FAN AIR VELOCITIES



Shaded area represents effective cooling area • Darker shaded areas represent higher air velocities

## PORTABLE MOBILE ENERGY SAVING FANS

Big Air Volume  
Super far Air displacing  
Feel the “Cool Air”  
every time, every where



### Heli Fan Gearless Motor Air On Wheels Series Technical Parameters

Model	Fan diameter Ft. (Mtrs)	Motor power Watts	Number of Blades	Max Speed (RPM)	Full load current (Ampere)	Weight Kgs	Noise(dB)
HF AOW 6-B5	6ft (1.8m)	500 watt	5	150	1.5@440V	156	40



# A CUSTOMER CENTRIC APPROACH



We study your establishment in terms of the dimension, roofing structure, plant layout and existing environment, Post which we come up with a customized solution to create a perfect working environment.



Heli Fan is designed and manufactured in India. Our products match international brands in terms of technology & quality standards. We use latest generation of geared motors for unparalleled performance.



Onsite assembly & installation of such a massive device is very complex. Our skilled task force easily handles the installation at your facility within hours following strict safety norms and industry standards.



we believe in building strong and sustainable relationships with our clientele. Hence, if you need any assistance post installation, we are just a call away.



PLACE OF WORSHIP



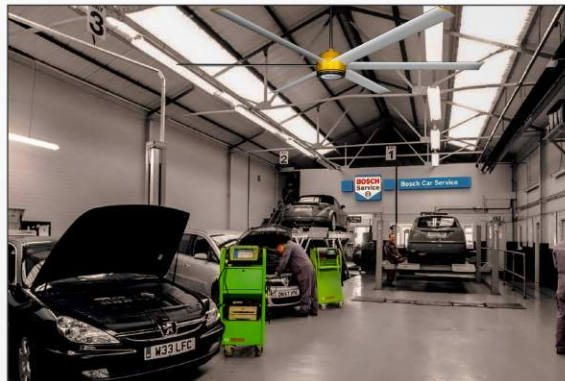
DAIRY FARMING



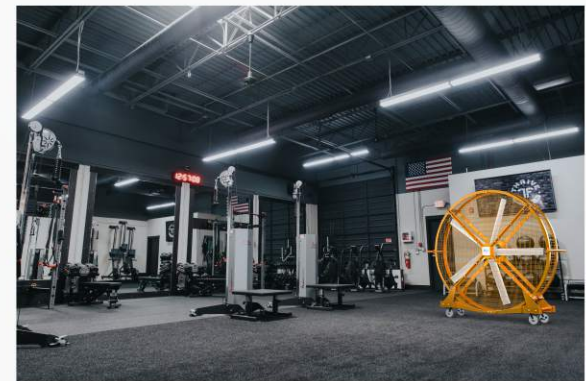
FACTORY



PARTY LAWN



SERVICE CENTRE



GYM

**30**  
**YEARS**  
CELEBRATING  
A NEW BEGINNING

FROM SATISFACTION TILL LOYALTY



**BAJAJ**



**METRO**



**CARRARO**

**Haier**

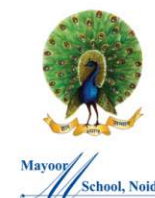
**Raychem**  
**RPG**



**POLYCAB**  
Connection Zindagi Ka



**ROLEX**  
ROLLED RINGS



**GOLDEN**  
Engineering Company Pvt Ltd



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