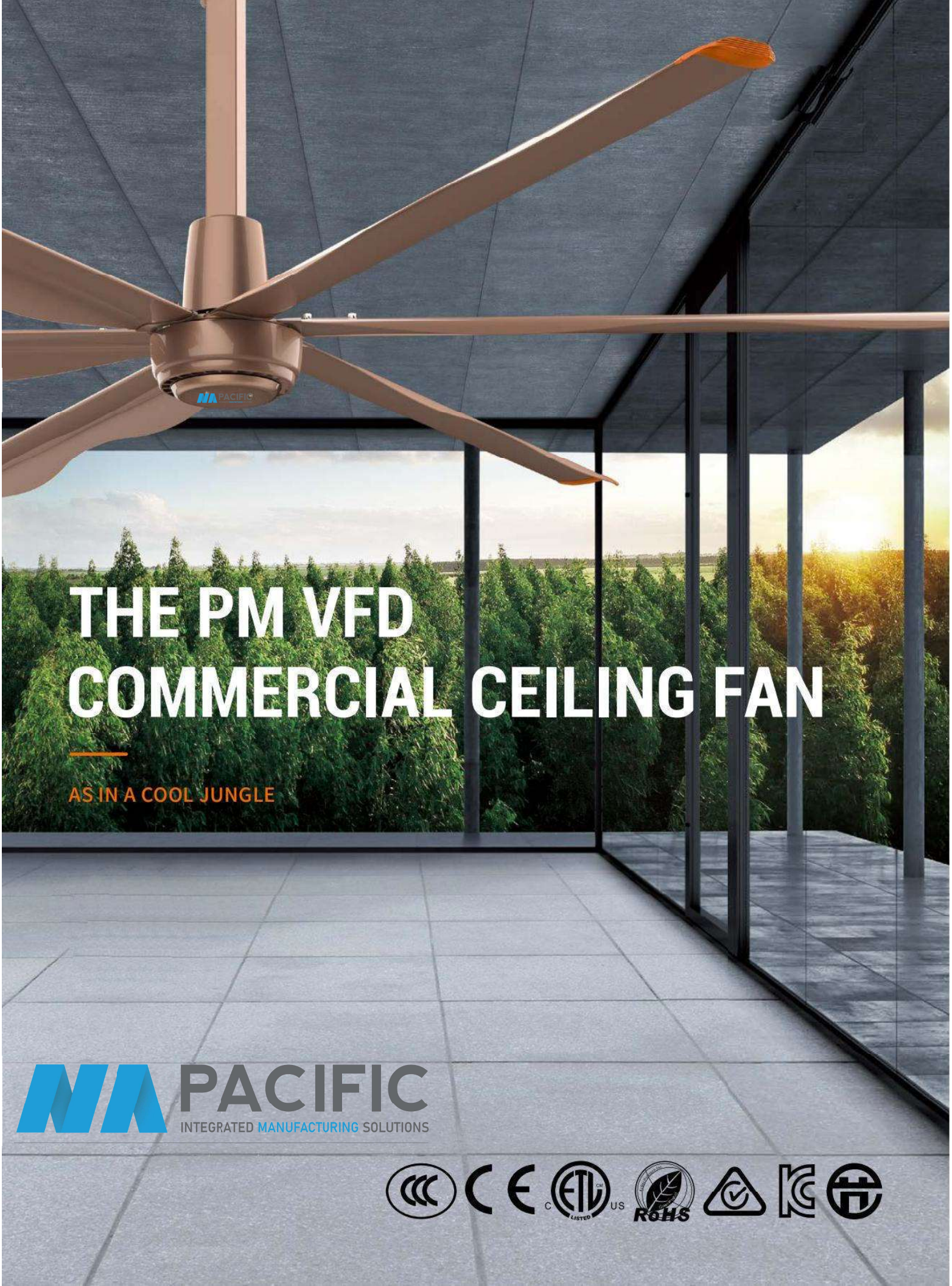


THE PM VFD COMMERCIAL CEILING FAN

AS IN A COOL JUNGLE

PACIFIC
INTEGRATED MANUFACTURING SOLUTIONS



Variable speed

Energy efficient

Natural wind

Intelligent control

Built-in anti-drop wire rope protection

Low noise

NPS series the PM VFD commercial ceiling fan is a new product specially developed for improving the comfort of working environment.Self-designed variable frequency speed control, high efficiency and energy saving permanent magnet external rotor motor drive. It has the advantages of low noise, small volume, light weight, compact structure and beautiful appearance.

PACIFIC
INTEGRATED MANUFACTURING SOLUTIONS

NPS Series

THE PM VFD COMMERCIAL CEILING FAN

Widely used in shopping malls, restaurants, fitness centers, industrial factory, logistics warehousing, waiting room, exhibition hall, physical education hall and other large space places, as a new type of energy-saving fan space ventilation, personnel cooling. It can push a large amount of airflow to the ground, forming a certain height of the moving airflow layer, thus contributing to the overall air circulation; Like the natural breeze system, enjoy the intimate experience of natural wind.


Shopping Malls


Restaurants


Fitness Centers


Industrial Plants


Logistics and Storage


Waiting Rooms


Exhibition Halls


Gymnasiums


38dB
ULTRA SILENT
ENERGY SAVING COMFORT
PACIFIC
INTEGRATED MANUFACTURING SOLUTIONS

PACIFIC
INTEGRATED MANUFACTURING SOLUTIONS



NATURAL THREE-DIMENSIONAL AIR SUPPLY ENHANCE HUMAN COMFORT

2.4~3.7m
Blade diameter

1m~4.5m/s
Wind speed range

330m²
Maximum effective coverage area



NPS series the PM VFD commercial ceiling fan unique wing design, straight blade diameter from 2.4~3.7m, adopting the principle of aerodynamics and advanced technology manufacturing blades wing, formed by strong air agitation ability of circulation flow field, produce like the breeze system of nature, the body will feel three-dimensional wind from all directions, increased sweat evaporation area, increase your comfort level.

At the same time avoid the use of traditional high-speed fan in the direction of the wind all year round, causing a variety of human health problems, greatly improve the comfort of the environment. NPS series fans can be combined with the actual needs of different occasions to adjust the wind volume, the wind speed in the range of 1m-4.5m/s can be arbitrarily adjusted. In the open space, an commercial energy-saving fan can cover a maximum area of 330m^2.

PACIFIC
INTEGRATED MANUFACTURING SOLUTIONS

PERMANENT MAGNET SYNCHRONOUS MOTOR

FEATURES:

- Without rotor losses
- High efficiency and precision
- Large power factor
- Improve grid operating environment.
- Frequency modulation width (0~200HZ)
- Small size and light weight
- Saving energy and high efficient





STREAMLINED FAN BLADE + ENERGY SAVING TAIL

FAN BLADE:

It is made of aluminum and magnesium alloy extruded and stretched, and has the advantages of high strength, good toughness, light weight, long life and safe operation. The fan blade surface is treated with T5+ bright surface oxidation treatment, which enhances the corrosion and oxidation resistance of the fan blade and can cope with special environmental operations.



Airfoil Internal Reinforcement Structure



Curved or straight blades can be selected for diameters of 2.4 m and 3 m
Straight blades with a diameter of 3.7 m

TAIL:

When the fan blade is running, the air will generate vortex at the end of the aerofoil fan blade. The tail wing can eliminate this part of energy loss, stabilize the fan operation, and make the air flow more consistent with the aerodynamic principle.

PACIFIC
INTEGRATED MANUFACTURING SOLUTIONS

SMART CONTROL SYSTEM

- Permanent magnet synchronous frequency conversion technology, anti-electromagnetic interference, anti-radiation, small size, light weight, exquisite appearance.
- Wired SPI communication: power on, stop, acceleration, deceleration, natural wind, forward and reverse switching, timing shutdown, electric light (optional).
- Wireless remote control: power on, stop, 4-speed, natural wind, forward/reverse switch, electric light (optional).
- The system comes with over-voltage, under-voltage, loss of voltage regulation, current, phase loss, overload, collision, overheating, lightning strike, abnormal and other protection.



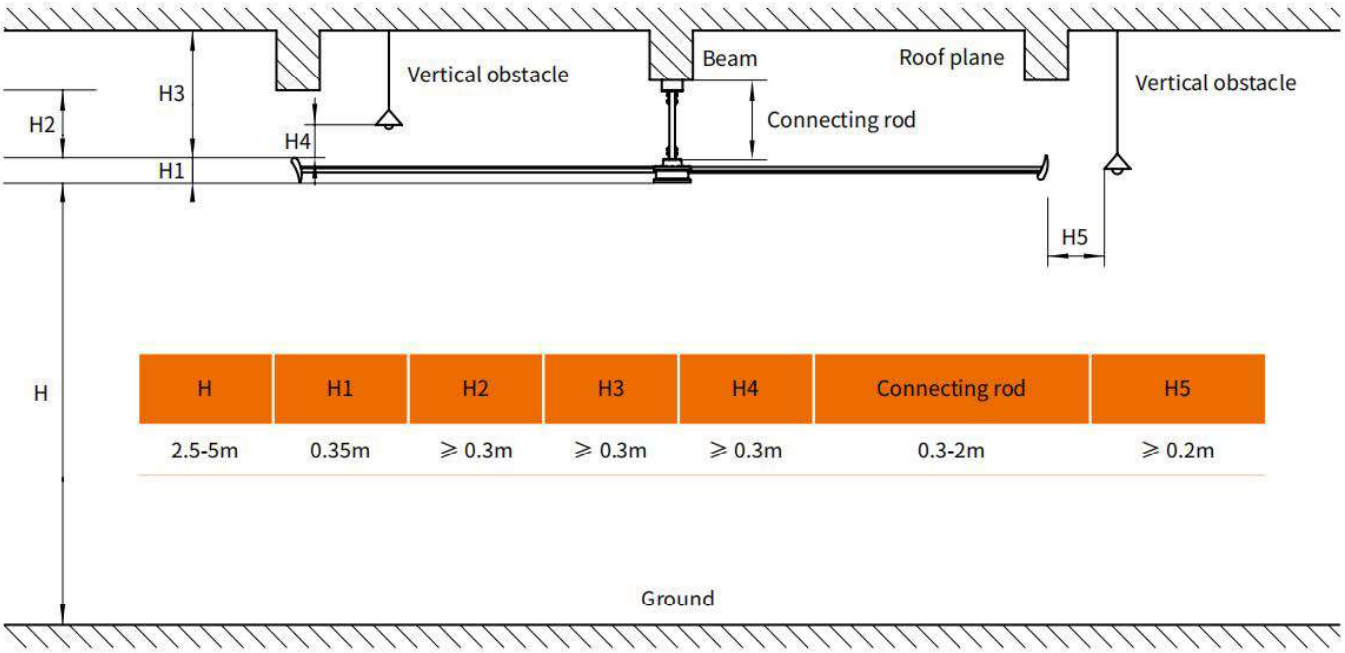
A Wireless Remote

B SPI Communication Control (With Wire)

TECHNICAL DATA

Model	Diameter (m)	Voltage (v)	Power (w)	Frequency (Hz)	Rotating Speed (rpm)	Air speed (m/s)	Airflow (m^3/min)	Number of leaves (Pcs)	Protection grade	Noise (dB)	Coverage area (m^2)
NPS-240D-32	2.4	220	0.3	50/60	160	0-3	2600	6	IP55	38	⩽ 100
NPS-300D-32	3	220	0.3	50/60	105	0-3	3300	6	IP55	38	⩽ 150
NPS-370D-32	3.7	220	0.3	50/60	80	0-3	4000	6	IP55	38	⩽ 200

INSTALLATION DATA



H	H1	H2	H3	H4	Connecting rod	H5
2.5-5m	0.35m	⩾ 0.3m	⩾ 0.3m	⩾ 0.3m	0.3-2m	⩾ 0.2m


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