

Feb./2024



鑽石牌
DIAMOND®

Diamond NEWS

GET YOUR OWN DIAMOND

Windmill Cool



Features

Higher Energy Efficiency Performance

We utilize the latest permanent magnet DC motor, which can save 15% to 20% of electricity compared to AC induction motors during the operation of large-diameter fans.

Better Controllability

Windmill's infinite speed control function offers great flexibility in various situations and scenarios.

Ultimate Silent Breeze

With an outstanding wind shear effect design parameters, the noise of our windmill which is generated by the 80-inch blade diameter is at least 5dB lower than other brand's windmill that has under 50-inch blade.

Excellent Wind Field Effect

The maximum blowing distance of the windmill can reach over 30 meters, yet even standing in front of the fan, ones can still feel a very gentle breeze which is a completely different experience from the uncomfortable feeling of other brands that provides resembling strong winds.

Outstanding Product Life

The design of multi-blade and large diameter fans require extremely stable motor output, able to provide continuous high torque output at low speeds. The quality of the DC motor controller and the motor itself significantly affects the product's lifespan. Our powerful motor performance and torque output design completely overcome such demanding requirements.

Better Tolerance under Extreme Heat Circumstances

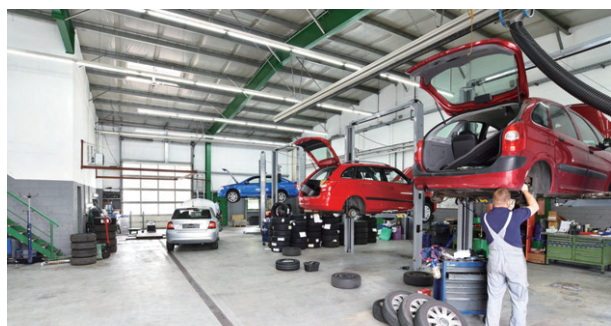
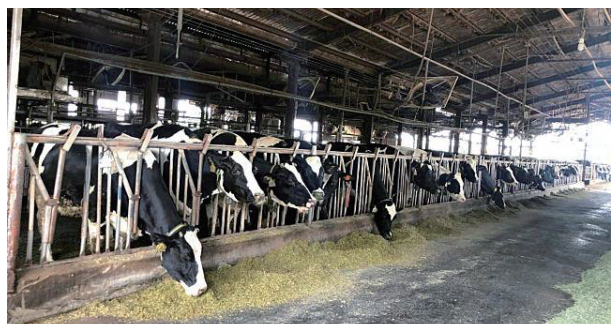
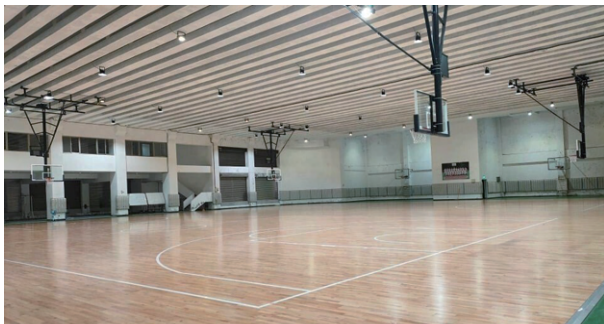
Extra-large diameter fans are more suitable for use in outdoor high-temperature environments during summer. After prolonged continuous operation, the temperature rise of the motor itself can greatly reduce the efficiency of the magnets. Poor power output design of other low-cost large-diameter fan products can easily leads to motor output decay or even motor burned out. Our higher-level power output design perfectly avoid such tough difficulty.

Waterproof and Dustproof Design

Diverse outdoor climate requires better protection mechanisms for products. Motors with IP57-rated waterproof and dustproof, and protection measures for control units and misting systems above IP54 can completely overcome the potential impact of the droplets created by the mist.

Application

Suitable for various sports venues, such as basketball courts, football fields, etc., as well as livestock farms and factory buildings.



Type Introduction



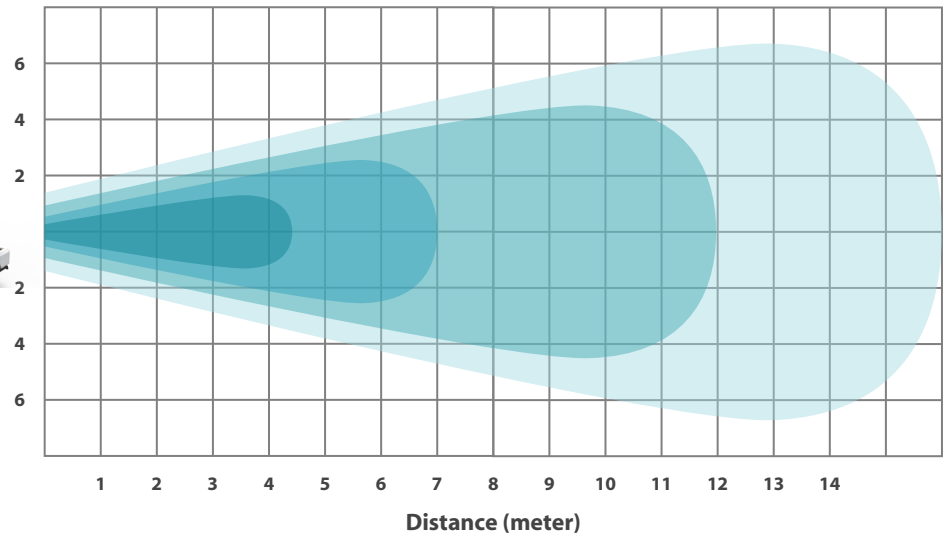
Type A
Windmill Cool + Mini Cool



Type B
Windmill Cool + Air Cool

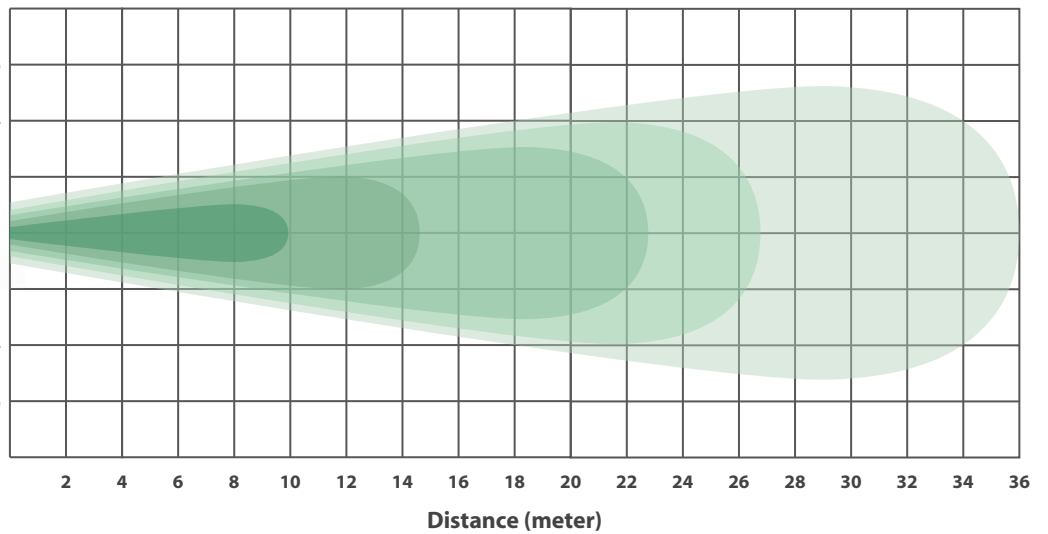
Misting distance

Side Distance
(meter)



Airflow distance

Side Distance
(meter)



Modle	Diameter (meter)	Volt (V)	Ampere (A)	Power (W)	RPM	Pressure (bar)	Noise value (dB)	Nozzle number (Ø 0.15)	weight (kg)
GF-4000A	1.3 m	110V ~ 220V	2.6	572	450	50	<65dB	12 pcs	75
GF-4000B									93
GF-6000A	1.5 m		2.9	638	380	50		18 pcs	81
GF-6000B									99
GF-8000A	2 m		4.1	572	270	40		24 pcs	91
GF-8000B									109



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