

DROK ventilate  **德诺通风**



*Boost the
BREEZE Beat
the **HEAT***
**DENUO LARGE INDUSTRIAL
ENERGY SAVING FAN**

INTERVIEWED BY **CCTV** IN CHINA

ONE OF THE DRAFTING COMPANY OF INDUSTRY STANDARDS FOR HVLS FANS

Zhejiang Denuo Ventilation Equipment Co.,Ltd.

COMPANY PROFILE

I. DEVELOPMENT HISTORY

Zhejiang Denuo Ventilation Equipment Co., Ltd. was established in 2015. With 10+ years of experience in ventilation equipment research and manufacturing, we take the the technology as the foundation, pursue highest quality product. We always provide customers with a full-cycle service ranging from selection and design, installation and commissioning, to after-sales maintenance and repair.

II. COMPANY PRODUCTS

Our company is dedicated to creating one-stop industrial ventilation solutions. Our core products include: HVLS Ceiling Fans With Geared Motor, PMSM Industrial Ceiling Fans, PMSM Commercial Fans With Remote Control, Industrial Mobile Fans, Industrial Wall-mounted Fans, and Exhaust Fans. Our products are widely utilized in industrial settings such as factories, warehouses, and workshops, as well as in commercial and public sectors including gymnasiums, entertainment venues, transportation facilities, and animal husbandry, providing you with an efficient ventilation and cooling experience.

III. COMPANY STRENGTH

- Industry Status: National High-Tech Enterprise, Drafting Unit for Industry Standards of Large Industrial Ceiling Fans, CCTV "Credit China" Recorded & Broadcast Enterprise.
- R&D Strength: With 10+ years of R&D and production experience, we hold an industry-leading number of invention and utility model patents.
- Quality Certification: ISO 9001, CE, TISI (Thailand) certification.....
- Global Reach: Exported to 40+ countries , with 80,000+ fan installation and application cases.

ENTERPRISE QUALIFICATION



TISI Certification



Invention Patent



ISO 9001 Certification



CE Certification



PRINCIPLE OF PRODUCT TECHNOLOGY

1. Air Circulation

The blades push a large airflow to the ground and flow to both sides, creating a unique and efficient horizontal airflow layer. Silent air flow can reach the farthest 18-25m range of fan center! Horizontal flow of air moves outward, resulting in continuous air circulation.

2. Comfortable

Comfortable Natural Wind: 1~5 m/s is the best wind speed accepted by the human body. It will not cause discomfort when boasting for a long time.

3. Natural Wind

The Denuo large fan can create a three-dimensional natural breeze at a height of 1-3 meters on the ground, as if standing by a wide lake, feeling the refreshing breeze. The soft wind come and make people feel comfortable and cool.

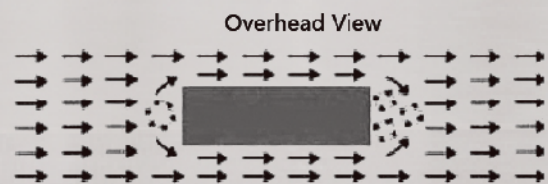
4. Three-dimensional Ventilation

The slow rotation of the large fan drives the orderly flow of air in all directions to form a three-dimensional air supply effect, and the wind sensation is not limited to the area directly below the fan.

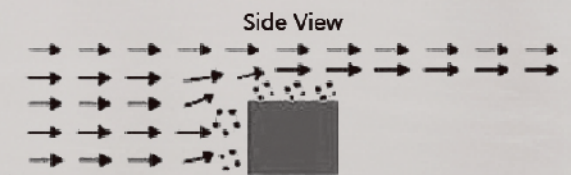
5. Obstacle Diagram

All Buildings with goods and facilities, The following diagram is the Impact of obstacles on airflow.

Air flow will be affected when horizontal air flow encounters obstacles on the ground, but most of the air still moves around the obstacles.



When the air is flowing and encounters a large solid obstacle on the ground, the airflow will be partially obstructed. The airflow will continue to advance when it changes direction.



The fan blade is designed with a wind wing at the end to effectively eliminate the eddy current generated during the air movement, so that the air is pressed to the ground in a conical shape and then spreads around to stabilize the fan operation, and realize the all-dimensional three-dimensional air supply.



PMSM INDUSTRIAL CEILING FAN

SPECIFICATION: 3M~7.3M



Simulate natural effects



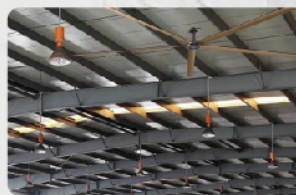
High air volume



Energy saving



Maintenance-free



MODEL	DIAMETER	NUMBER OF BLADES	AIR VOLUME	WIND COVERAGE	NOISE	VOLTAGE	POWER	SPEED	CONTROL MODE	OVERALL WEIGHT	MATERIAL OF BLADES
DN-YD-73A-5	7.3m	5	14000m ³ /min	within diameter 30m area	≤40db	380V	1500W	20-56rpm	Digital display	106KG	Aluminum alloy
DN-YD-62A-5	6.2m	5	11000m ³ /min	within diameter 25m area	≤40db	220V	1000W	20-65rpm	Digital display	76KG	Aluminum alloy
DN-YD-50A-5	5.0m	5	9800m ³ /min	within diameter 20m area	≤40db	220V	1000W	20-70rpm	Digital display	54KG	Aluminum alloy
DN-YD-42A-5	4.2m	5	8900m ³ /min	within diameter 16m area	≤40db	220V	750W	20-90rpm	Digital display	49KG	Aluminum alloy
DN-YD-30A-5	3.0m	5	7000m ³ /min	within diameter 12m area	≤40db	220V	600W	20-110rpm	Digital display	40KG	Aluminum alloy

PMSM INDUSTRIAL CEILING FAN

SPECIFICATION: 3M~7.3M



Low energy consumption

Only 1 kWh of electricity per day



High safety

Four safety protections,
zero safety accidents



High air volume

1 unit can cover 2 basketball courts



Silence

Low noise, less than 40 decibels



MODEL	DIAMETER	NUMBER OF BLADES	AIR VOLUME	WIND COVERAGE	NOISE	VOLTAGE	POWER	SPEED	CONTROL MODE	OVERALL WEIGHT	MATERIAL OF BLADES
DN-YD-73A-6	7.3m	6	14500m ³ /min	within diameter 30m area	≤40db	380V	1500W	20-54rpm	Digital display	112KG	Aluminum alloy
DN-YD-73B-6	7.3m	6	15200m ³ /min	within diameter 30m area	≤40db	380V	1700W	20-53rpm	Digital display	121KG	Aluminum alloy
DN-YD-62B-6	6.2m	6	12500m ³ /min	within diameter 25m area	≤40db	220V	1200W	20-60rpm	Digital display	82KG	Aluminum alloy
DN-YD-50B-6	5.0m	6	10500m ³ /min	within diameter 20m area	≤40db	220V	1000W	20-62rpm	Digital display	60KG	Aluminum alloy
DN-YD-42B-6	4.2m	6	9200m ³ /min	within diameter 16m area	≤40db	220V	750W	20-80rpm	Digital display	54KG	Aluminum alloy
DN-YD-30B-6	3.0m	6	7500m ³ /min	within diameter 12m area	≤40db	220V	600W	20-100rpm	Digital display	42KG	Aluminum alloy

PMSM COMMERCIAL CEILING FAN WITH REMOTE CONTROL



Energy-efficient and power-saving

annual power consumption is only 20% of traditional products



High safety

Long-term stable use without frequent maintenance



Remote control

Operation is more convenient.



High air volume

Wide coverage range



Multiple styles available

including light-equipped versions and black/white color options



MODEL	DIAMETER	NUMBER OF BLADES	AIR VOLUME	NOISE	POWER	SPEED	VOLTAGE	CONTROL MODE	OVERALL WEIGHT	MATERIAL OF BLADES
DNS-35-6D	3.5m	6	3860m ³ /min	≤40dB	240W	88rpm	220V±10%	Remote control	32KG	Plastic-coated orthopedic steel
DNS-35-6	3.5m	6	3860m ³ /min	≤40dB	240W	88rpm	220V±10%	Remote control	32KG	Plastic-coated orthopedic steel
DNS-30-6D	3m	6	3270m ³ /min	≤40dB	230W	95rpm	220V±10%	Remote control	27KG	Plastic-coated orthopedic steel
DNS-30-6	3m	6	3270m ³ /min	≤40dB	230W	95rpm	220V±10%	Remote control	27KG	Plastic-coated orthopedic steel
DNS-24-6D	2.4m	6	2780m ³ /min	≤40dB	190W	112rpm	220V±10%	Remote control	23KG	Plastic-coated orthopedic steel
DNS-24-6	2.4m	6	2780m ³ /min	≤40dB	190W	112rpm	220V±10%	Remote control	23KG	Plastic-coated orthopedic steel

HVLS CEILING FAN WITH GEARED MOTOR

SPECIFICATION: 7.3M



Simulate natural effects



High air volume



Energy saving



Maintenance-free



MODEL	DIAMETER	NUMBER OF BLADES	AIR VOLUME	WIND COVERAGE	NOISE	VOLTAGE	POWER	SPEED	CONTROL MODE	OVERALL WEIGHT	MATERIAL OF BLADES
DN-FQ-73E-6	7.3m	6	18000m ³ /min	within diameter 30m area	≤60db	380V/220V	1500W	20-50rpm	Frequency Control	144KG	Aluminum alloy
DN-FQ-73G-6	7.3m	6	17000m ³ /min	within diameter 30m area	≤60db	380V/220V	1500W	20-50rpm	Frequency Control	142KG	Aluminum alloy
DN-FQ-62G-6	6.2m	6	18000m ³ /min	within diameter 30m area	≤60db	380V/220V	1500W	20-50rpm	Frequency Control	122KG	Aluminum alloy

INDUSTRIAL MOBILE FAN


SPECIFICATION: 1M~1.8M

3 DN-LS-F1000-3S

6 DN-LS-F1300-6S


5 DN-LS-F1500-5S

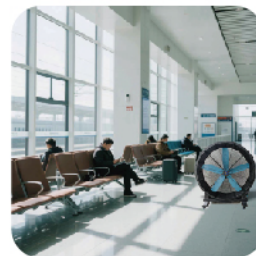


 Easy operation and moving

 Maintenance-free

 Low noise

 The maximum air supply distance can reach 30 meters



MODEL	DIAMETER	NUMBER OF BLADES	AIR VOLUME	AIR SUPPLY DISTANCE	NOISE	SPEED	CONTROL MODE	POWER	VOLTAGE	OVERALL WEIGHT	MATERIAL OF BLADES
DN-LS-F1000-3S	1.0m	3	420 m ³ /min	≤15m	≤45db	850rpm	Frequency Control	450W	220V	23KG	FRP
DN-LS-F1300-6S	1.3m	6	600 m ³ /min	≤20m	≤45db	500rpm	Frequency Control	550W	220V	42KG	FRP
DN-LS-F1500-5S	1.5m	5	700 m ³ /min	≤30m	≤40db	460rpm	Frequency Control	600W	220V	59KG	FRP
DN-LS-F1800-5S	1.8m	5	950 m ³ /min	≤40m	≤40db	400rpm	Frequency Control	1100W	220V	78KG	FRP

INDUSTRIAL MOBILE FAN

SPECIFICATION: 1.2M~2M

5 DN-LS-F1200-5



6 DN-LS-F1500-6



Easy operation and moving



Maintenance-free



Low noise



The maximum air supply distance can reach 30 meters

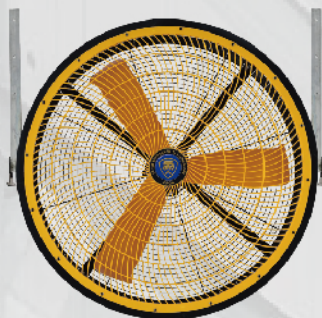


MODEL	DIAMETER	NUMBER OF BLADES	AIR VOLUME	AIR SUPPLY DISTANCE	NOISE	SPEED	CONTROL MODE	POWER	VOLTAGE	OVERALL WEIGHT	MATERIAL OF BLADES
DN-LS-F1200-5	1.2m	5	500m ³ /min	≤15m	≤40db	50-600 rpm	Frequency Control	550W	220V	45KG	Aluminum alloy
DN-LS-F1500-6T	1.5m	6	1200m ³ /min	≤20m	≤40db	50-420 rpm	Frequency Control	750W	220V	93KG	Aluminum alloy
DN-LS-F2000-6	2.0m	6	1400m ³ /min	≤40m	≤40db	40-300 rpm	Frequency Control	1000W	220V	122KG	Aluminum alloy

LARGE WALL MOUNTED FAN

SPECIFICATION: 1M~1.5M

3 DN-DG-F1000-3S



5 DN-BG-FY1200-5



6 DN-BG-F1270-6J



High air volume



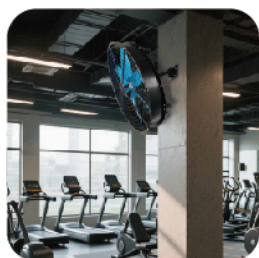
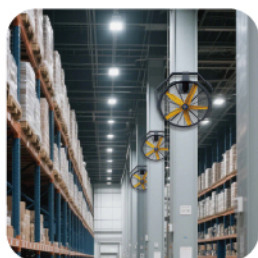
Maintenance-free



Long distance air supply



Multiple installation modes



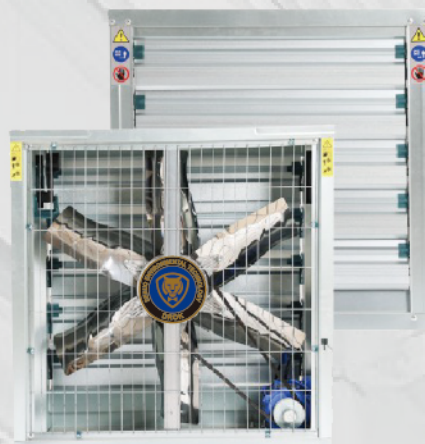
MODEL	DIAMETER	NUMBER OF BLADES	AIR VOLUME	NOISE	SPEED	CONTROL MODE	AIR SUPPLY DISTANCE	AIR SPEED	VOLTAGE	POWER	OVERALL MATERIAL WEIGHT OF BLADES
DN-DG-F1000-3S	1m	3	420m ³ /min	≤45db	50-850rpm	Frequency Control	≤18m	6.3m/s	220V	450W	20KG FRP
DN-BG-FY1200-5	1.2m	5	430m ³ /min	≤45db	50-600rpm	Frequency Control	≤20m	6.3m/s	220V	550W	68KG Aluminum alloy
DN-BG-F1270-6J	1.27m	6	500m ³ /min	≤45db	50-560rpm	Frequency Control	≤20m	6.3m/s	220V	600W	46KG FRP
DN-BG-F1500-5	1.5m	5	670m ³ /min	≤45db	50-420rpm	Frequency Control	≤24m	6.1m/s	220V	750W	90KG Aluminum alloy

EXHAUST FAN

FIBERGLASS REINFORCED PLASTIC EXHAUST FAN



GALVANIZED STEEL SHEET EXHAUST FAN



Easy operation and moving



Maintenance-free



High air volume



Energy-Saving and Environment-Friendly



MODEL	PROPELLER DIA	NUMBER OF BLADES	PROPELLER MATERIAL	RATED SPEED	AIR CAPACITY	RATED POWER	NOISE	VOLTAGE FREQUENCY	COMPLETE SIZE	SIZE WITH CONE
DN-FRP-1460	1240/(50")	6	FIBERGLASS	540rpm	36000m ³ /h	1100W	60~70	380V/220V 50HZ/60HZ	1460*1460*590mm	1460*1460*1270mm
DN-FRP-1260	1080/(42")	6	FIBERGLASS	540rpm	32000m ³ /h	750W	60~70		1260*1260*560mm	1260*1260*1200mm
DN-FRP-1060	890/(36")	6	FIBERGLASS	540rpm	19000m ³ /h	550W	60~70		1060*1060*560mm	1060*1060*1160mm
DN-FRP-850	640/(24")	6	FIBERGLASS	680rpm	9500m ³ /h	370W	60~70		850*850*450mm	850*850*950mm

MODEL	SIZE	AIR VOLUME	NOISE	BLADE ROTATION SPEED	POWER	VOLTAGE
DN-GSS-1530	1530*1530*380mm	55700m ³ /h	≤70db	450r/min	1500W	220V/380V
DN-GSS-1380	1380*1380*380mm	44500m ³ /h	≤65db	450r/min	1100W	220V/380V
DN-GSS-1220	1220*1220*380mm	37000m ³ /h	≤60db	450r/min	750W	220V/380V
DN-GSS-1060	1060*1060*380mm	32000m ³ /h	≤60db	450r/min	550W	220V/380V
DN-GSS-900	900*900*380mm	27000m ³ /h	≤55db	450r/min	370W	220V/380V

SUCCESSFUL CASES





Zhejiang Denuo Ventilation Equipment Co.,Ltd.

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