

Delivery Premium Quality Fans Globally for Healthier Breathing

World's Largest Selection of Fan Products  
World's Most Comprehensive Fan Solutions



**Ningbo Longwell Electric Technology Co., Ltd**

Headquarter: NO.100, South of Xuxiang River, Yuyao, Zhejiang Province, China 315400

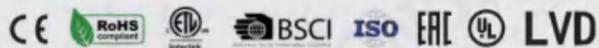
Tell: +86 574 6218 9863

Fax: +86 574 6218 9863

Phone: 0086 183 5827 4663

Web: [www.longwellfans.com](http://www.longwellfans.com) | [www.longwell-group.com](http://www.longwell-group.com) | [www.longwell-media.com](http://www.longwell-media.com)

Email: [sales@zjlongwell.com](mailto:sales@zjlongwell.com)



## LONGWELL TECHNOLOGY

"Born for High-Quality Breathing  
LONGWELL Fans Power Your Equipments"



**Professional Manufacturer  
of HVACR Fan & Motors**

— Industrial Fan Solutions

**Longwell Group**

Longwell-China

Longwell-USA

Longwell-Russia

Longwell-Europe



## CATALOGUE

- 01-02 About Longwell
- 03-04 Testing and Standards
- 05-12 Drum Fan
- 13-19 Industrial Ceiling Fan
- 20-36 Industrial Fan
- 37-46 Industrial Axial Blower



# About Longwell

Born for High-Quality Breathing, LONGWELL Fans Power Your Equipment

OEM for Well-Known Brands

Supplies Fortune 500 Companies

Global Technical Support

LONGWELL is a leading fan manufacturer, specializing in high-quality fans, blowers, motors, and components for heating, ventilation, air conditioning, and refrigeration applications. We have a strong presence in delivery capabilities, design and R&D capabilities, as well as manufacturing, placing us at the forefront of the industry.

Our product range includes EC/DC/AC centrifugal fans, axial fans, AC/BLDC cross-flow fans, single/double forward curved fans, AC/BLDC/ECM motors, and industrial fan blowers. Since our establishment in 1990, we have continuously upgraded our facilities and production capacity, boasting advanced testing labs and production facilities with an annual capacity of millions of fans. With over 20 years of experience, we are highly skilled in the design, development, and manufacture of fans and motors. We export to over 30 countries and serve numerous Fortune 500 clients.

Our facilities and products are compliant with certifications such as ISO9001, ISO14001, BSCI, CE, UL/ETL, CCC, EMC, and LVD. These certifications demonstrate our compliance in quality management, environmental management, social responsibility, and product safety. We are quality-oriented and dedicated to providing products and services that meet international standards.



Equipped with advanced testing labs and production facilities, including a B&K noise lab, CFD simulation lab, air dynamics test chambers, automatic welding machines, CNC machining centers, and auto robot injection machines, we ensure efficient production and on-time delivery.

As industry leaders, we prioritize technological innovation and efficiency. We employ advanced technologies such as aerodynamics principles and CFD simulation to ensure precise and efficient fan designs. Additionally, we offer customized services to design and manufacture fan systems according to specific customer requirements. Our focus is on providing high-tech, high-efficiency products that meet our customers' needs and contribute to a better future.

At LONGWELL, innovation is at the core of our operations, driving continuous improvement. With our extensive experience and expertise, we can quickly customize solutions that meet customer needs. We emphasize technological sophistication, utilizing advanced technologies and high-performance materials to deliver products that are efficient, safe, and reliable. Our brand is widely recognized globally, and we are committed to promoting sustainable development and advancing the efficient fan industry.

LONGWELL looks forward to collaborating with you and providing high-quality customized fan and motor solutions. Please feel free to contact us as we work together to create a brighter future.



B&K Noise Testing Lab



Production Line



Automatic Welding



Balance Machine



Automatic Welding Machine



Production Line - Centrifugal Fan



Automatic CNC Machine



Air Dynamic Test Lab



Production Line - Axial Fans



Production Line

193

Staff

40000m<sup>2</sup>

Floor Space

500<sup>+</sup>

Branding Clients

1 Million<sup>+</sup> PCS

Annual Outputs

6

Overseas Offices on Spot Support

50<sup>+</sup>

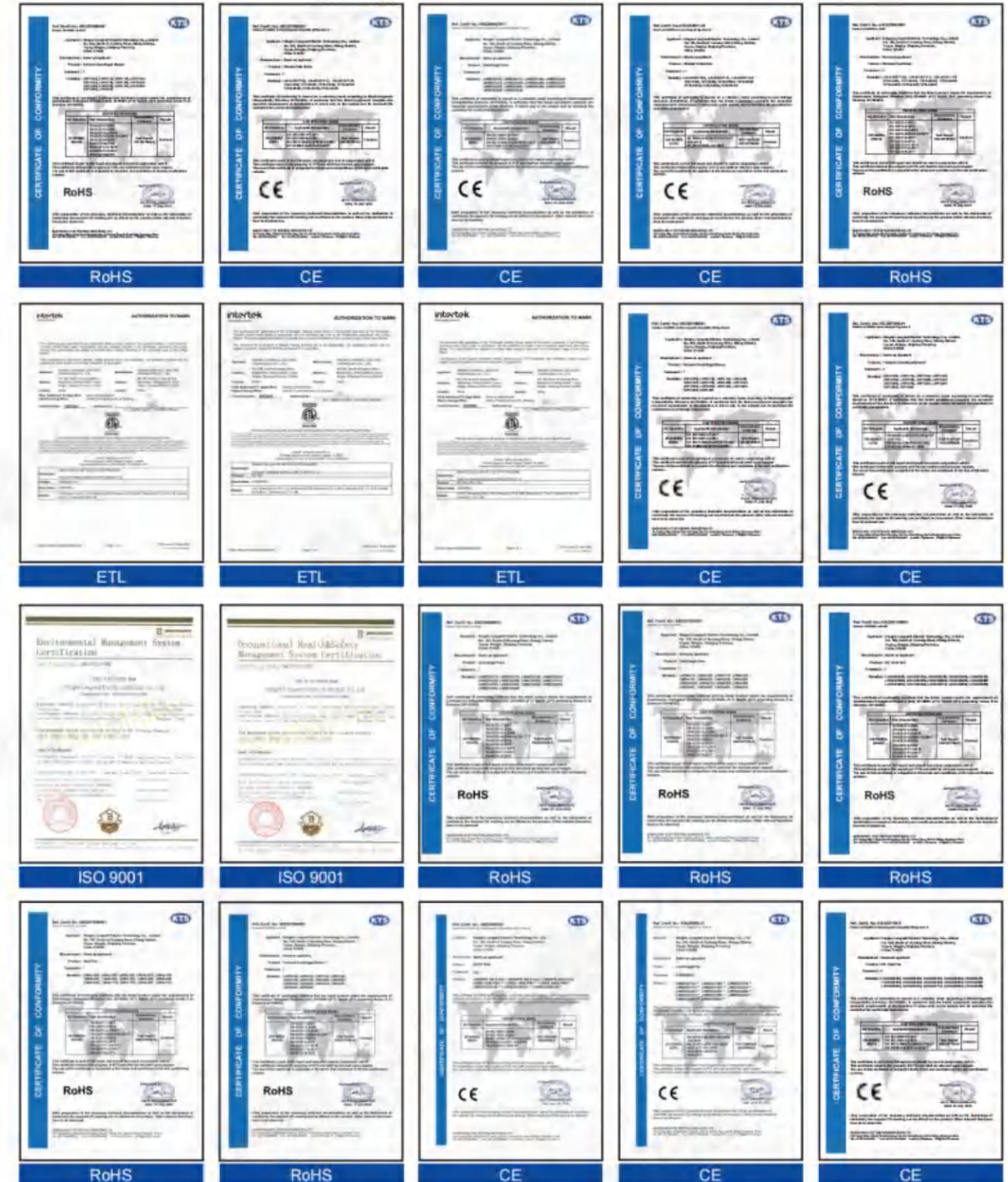
Members R&D Team

# Testing and Standards

- ISO GB/T 19001-2016 idt ISO 9001:2015/GB/T 24001-2016 idt ISO 14001:2015/GB/T 45001-2020 idt ISO 45001:2018
- UL 507:2017 Ed.10+R:27/CSA C22.2#113:2018 Ed.11
- BSCI ANSI C63.4:2014/ANSI C63.4a-2017
- EN IEC 55014-1:2021/EN IEC 55014-2:2021/EN IEC 61000-3-2:2019 +A1:2021  
EN 61000-3-3:2013 +A1:2019 +A2:2021 +AC:2022-01  
EN 60335-2-80:2003 +A1:2004 +A2:2009;  
EN 60335-1:2012 +A11:2014 +A13:2017 +A1:2019+A14:2019 +A2:2019+A15:2021  
EN 62321-1:2013/EN 62321-2:2014/EN 62321-3-1:2014  
EN 62321-4:2014+A1:2017/EN 62321-5:2014/EN 62321-6:2015  
EN 62321-7-1:2015/EN 62321-7-2:2017/EN 62321-8:2017



Enterprise Credit Evaluation Certificate - Highest Level in China

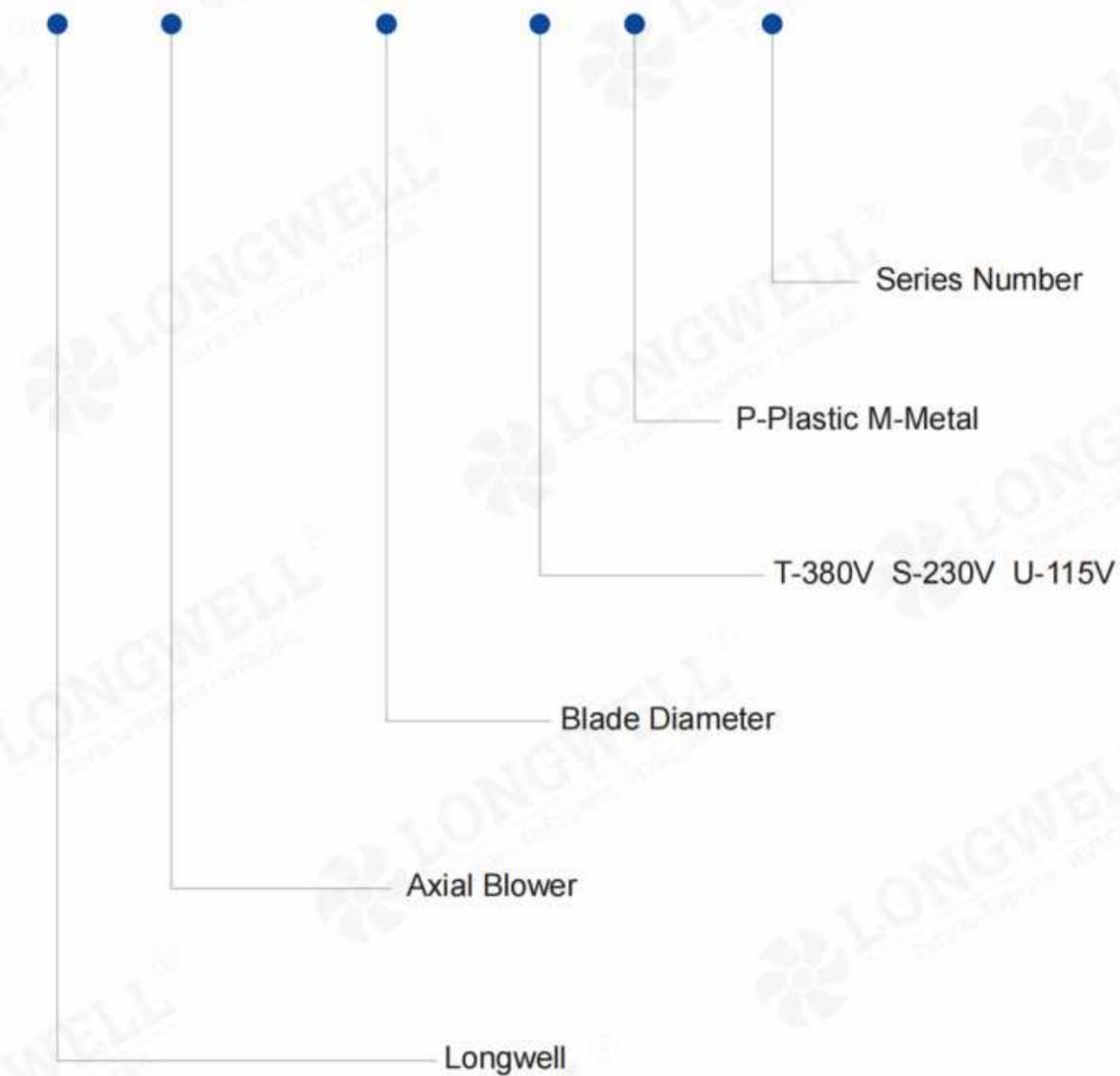


## Drum Fan

Feature: Feature: High air volume,Energy saving,low consumption,Low noise,Ulsed in many industrial sites.

### Type Code

LW A - 100(4") S P - 01



## Drum Fan

Professional HVAC Fan & Motors Manufacturer



# Industrial Mobile Fan



## Product Features

- Long air supply distance
- Plug and play,move freely
- Low energy consumption,high efficiency

## Product Introduction

- Powerful power provides a strong air-outlet area, making air flow more efficient and energy - saving. The maximum diameter of the mobile fan can reach 2 meters.
- The industrial -style appearance, durable structure and lightweight flexibility make its application scenarios more extensive. Move the casters to make it reach any place you need, and just plug it into the socket.
- It comes with a foot brake, which is convenient to operate, flexible and reliable.

## Application fields

- Almost all places that require cooling or ventilation can be used, such as shopping malls, supermarkets, offices, hotels, hospitals, stations, sports venues, exhibition halls, dance halls, auditoriums, conference rooms, schools, factory workshops, and other places.
- Suitable for industrial production workshops with high temperatures or odors, such as textile factories, shoe factories, ceramic factories, electronics factories, furniture factories, chemical factories, machinery factories, etc. It can also be used for local cooling or comprehensive cooling.

## Technical Specifications

Model	Power (W)	Voltage (V)	Cylinder Diameter(m)	Blade Diameter(m)	Number of Blade(PCS)	Speed (RPM)	Air Flow (m³/h)	Weight (kg)
LWA-800SM-02	450	220	1	0.8	3	850	25000	20
LWA-800SM-03	450	220	1	0.8	3	850	25000	23
LWA-1100SM-01	550	220	1.3	1.1	6	500	35000	42
LWA-1260SM-01	600	220	1.5	1.26	3/5	520/460	42000	59
LWA-1550SM-01	1100	220	1.8	1.55	5	400	56000	78

# LWA-1550SM-01

## Product Characteristic

- No installation required,easy to transport
- Plug and play,movable anywhere
- Maximum air delivery distance:35-40M
- Low noise,high airflow,5-blade wide-angle design
- Permanent Magnet DC Motor:1100W  
Equivalent to 1800WAC motor  
Low energy consumption, High efficiency



Voltage (V)	Frequency (Hz)	Blade Diameter (m)	Speed (r/min)	Weight (Kg)	Overall Dimensions (mm)
220	50	1.55	400	78	1800X800X2000

# LWA-1260SM-01

## Product Characteristic

- No installation required,easy to transport
- Plug and play,movable anywhere
- Maximum air delivery distance:35-40M
- Low noise,high airflow,5-blade wide-angle design
- Permanent Magnet DC Motor:600W  
Equivalent to 1100WAC motor  
Low energy consumption, High efficiency



Voltage (V)	Frequency (Hz)	Blade Diameter (m)	Speed (r/min)	Weight (Kg)	Overall Dimensions (mm)
220	50	1.26	460	59	1500X760X1690



## LWA-1100SM-01

### Product Characteristic

- No assembly required, carton packaging, easy to transport
- Plug and play, movable anywhere
- Maximum air delivery distance: 25-30M
- Permanent Magnet DC Motor: 550W, Equivalent to 1000W AC motor  
Low energy consumption, High efficiency
- Low noise, high air volume, six blades



Voltage (V)	Frequency (Hz)	Blade Diameter (m)	Speed (r/min)	Weight (Kg)	Overall Dimensions (mm)
220	50	1.1	520	42	1310X710X1440

## LWA-800SM-03

### Product Characteristic

- No assembly required, carton packaging, easy to transport
- Plug and play, movable anywhere
- Maximum air delivery distance: 25-30M
- Permanent Magnet DC Motor: 450W, Equivalent to 800W AC motor  
Low energy consumption, High efficiency
- Low noise, high air volume

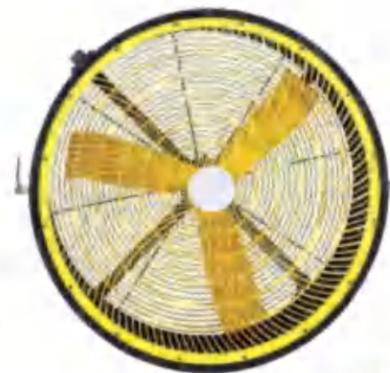


Voltage (V)	Frequency (Hz)	Blade Diameter (m)	Speed (r/min)	Weight (Kg)	Overall Dimensions (mm)
220	50	0.8	850	23	1000X460X1120

## LWA-800SM-02

### Product Characteristic

- No assembly required, carton packaging, easy to transport
- Plug and play, movable anywhere
- Maximum air delivery distance: 25-30M
- Permanent Magnet DC Motor: 450W, Equivalent to 800W AC motor  
Low energy consumption, High efficiency
- Low noise, high air volume



Voltage (V)	Frequency (Hz)	Blade Diameter (m)	Speed (r/min)	Weight (Kg)	Overall Dimensions (mm)
220	50	0.8	850	20	1000X460X1120

## Portable Industrial Fan

- Energy saving
- Strong driving force
- Strong wind
- Thickened mesh cover



LWA-1250(48")S-01/LWA-1060(42")S-01



LWA-860(34")S-01  
LWA-760(30")S-01  
LWA-660(26")S-01



LWA-860(34")S-02  
LWA-760(30")S-02  
LWA-660(26")S-02



LWA-860(34")S-03  
LWA-760(30")S-03  
LWA-660(26")S-03



LWA-860(34")S-04  
LWA-760(30")S-04  
LWA-660(26")S-04

### Technical Parameters

Model	Type	Voltage (V)	Frequency (Hz)	Power (W)	Blade diameter	Speed (r/min)	Air flow (m³/h)	Distance (m)	Applicable area (m²)
LWA-1250(48")SM-01	PM motor	220	50	600	1.25m(48")	440	38000	35-40	400-500
LWA-1060(42")SM-01	PM motor	220	50	500	1.06m(42")	480	28000	30-35	300-400
LWA-860(34")SM-01	PM motor	220	50	500	0.86m(34")	700	22000	30-35	250-300
LWA-760(30")SM-01	Copper wire motor	220	50	650	0.76m(30")	900	18000	25-30	200-250
LWA-660(26")SM-01	Copper wire motor	220	50	450	0.66m(26")	900	12000	25-30	150-200
LWA-860(34")SM-02	PM motor	220	50	500	0.86m(34")	700	22000	30-35	350-400
LWA-760(30")SM-02	Copper wire motor	220	50	650	0.76m(30")	900	18000	25-30	250-300
LWA-660(26")SM-02	Copper wire motor	220	50	450	0.66m(26")	900	12000	25-30	200-250
LWA-860(34")SM-03	PM motor	220	50	500	0.86m(34")	700	22000	30-35	350-400
LWA-760(30")SM-03	Copper wire motor	220	50	650	0.76m(30")	900	18000	25-30	200-250
LWA-660(26")SM-03	Copper wire motor	220	50	450	0.66m(26")	900	12000	25-30	200-250
LWA-860(34")SM-04	PM motor	220	50	500	0.86m(34")	700	22000	30-35	350-400
LWA-760(30")SM-04	Copper wire motor	220	50	650	0.76m(30")	900	18000	25-30	200-250
LWA-660(26")SM-04	Copper wire motor	220	50	450	0.66m(26")	900	12000	25-30	200-250

## Industrial Fan

- **Industrial wind**

The strong wind and optimized wind channel system effectively reduce the wind attenuation coefficient and cover the entire room.

- **Pitch 360° adjustment**

Tilt 360° wide Angle air supply,loosen the knob handle on both sides,you can freely fix the tilt Angle.

- **Pulley design**

Pulley for easy movement and flexible use.

- **Multi-site use**

Remote air supply,suitable for factories,warehouses,shopping malls,stadiums,animal husbandry,construction and other places and other scene needs.



LWA-600(24")S-05/LWA-760(30")S-05/LWA-900(36")S-02/  
LWA-1060(42")S-02/LWA-1250(48")S-02



LWA-600(24")S-06/LWA-760(30")S-06/LWA-900(36")S-03/  
LWA-1060(42")S-03/LWA-1250(48")S-03

### Technical Parameters

Model	Power (W)	Voltage (V)	Frequency (Hz)	Rotate speed (r/min)	Air flow (m³/h)
LWA-600(24")SM-05	160	220-240	50/60	1150	10000
LWA-600(24")SM-06	160	220-240	50/60	1150	10000
LWA-760(30")SM-05	260	220-240	50/60	1150	10000
LWA-760(30")SM-06	260	220-240	50/60	1150	10000
LWA-900(36")SM-02	330	220-240	50/60	1050	16000
LWA-900(36")SM-03	330	220-240	50/60	1050	16000
LWA-1060(42")SM-02	470	220-240	50/60	950	20000
LWA-1060(42")SM-03	470	220-240	50/60	950	20000
LWA-1250(48")SM-02	500	220-240	50/60	950	20000
LWA-1250(48")SM-03	500	220-240	50/60	950	20000

## Drum Fan



- 100% pure copper wire motor,high efficient
- Full metal body and bracket
- 3pcs aluminum fan blades
- U type base with two wheels



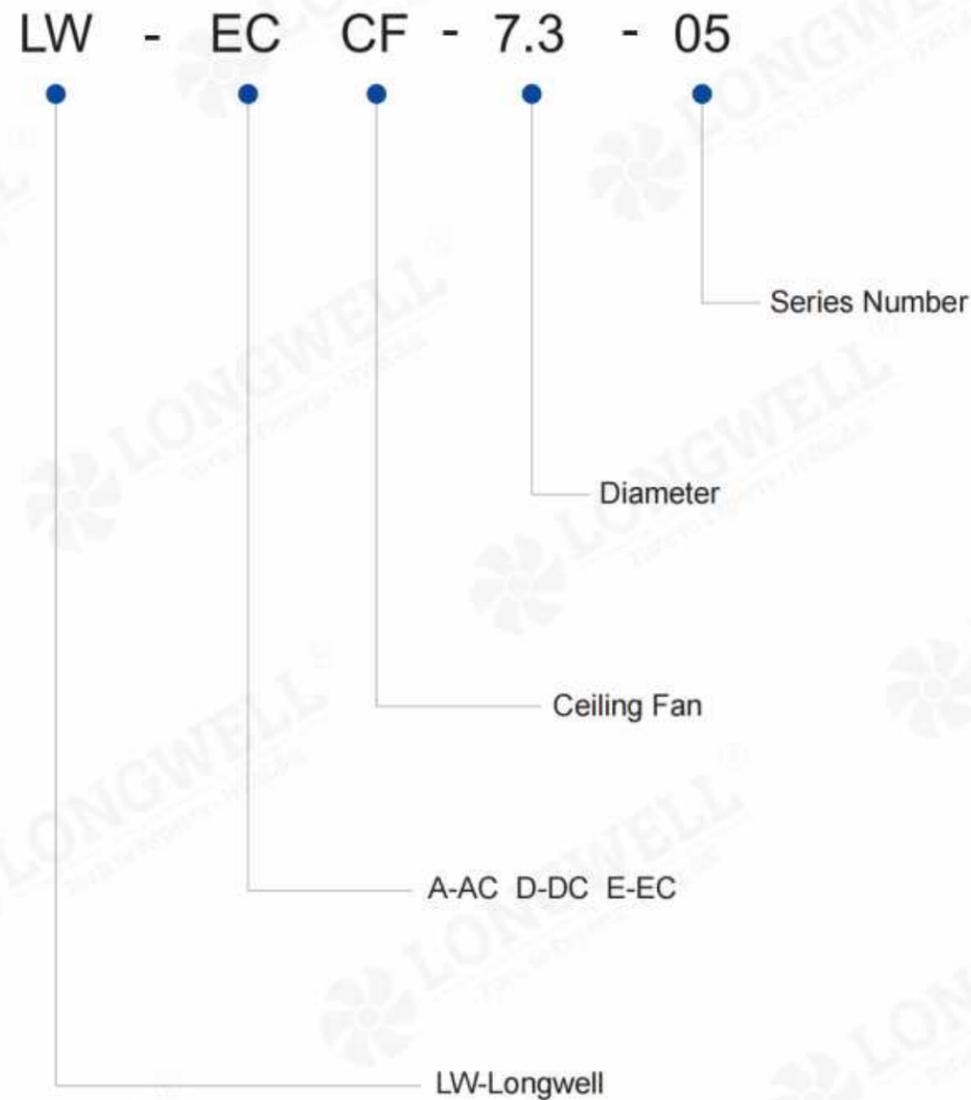
### Technical Parameters

Model	Voltage (V)	Frequency (Hz)	Power (W)	Air flow (m³/min)	Speed (RPM)	Noise (dB)
LWA-600(24")U(S)M-03		50/60	260	210	1100	64
LWA-750(30")U(S)M-01	110~120 220~240	50/60	420	260	1100	68
LWA-900(36")U(S)M-01		50/60	600	290	1100	70

# Industrial Ceiling Fan

Feature: High air volume,Energy saving,low consumption,Low noise,Used in many industrial sites.

## Type Code



# Industrial Ceiling Fan

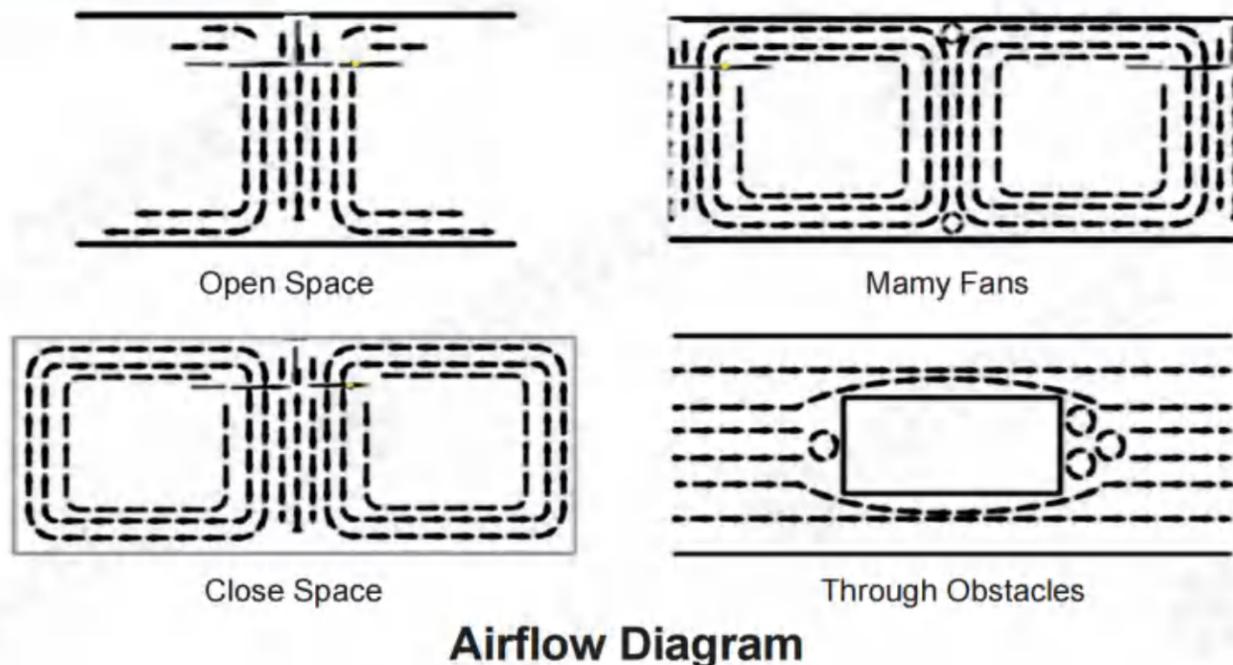
Professional HVAC Fan & Motors Manufacturer



# Industrial Energy Fan(Gear Motor)

- **Applications:**Widely used in industrial plants,factory floor,logistics,warehousing, Waiting rooms,exhibitio halls,stadiums,Chaodeng large space,As space ventilation, cooling staff preferred solution
- **Wider adjustable speed range**
- **Reduce the intermittent feeling caused by blowing from far distance**
- **More effective(improve30%than similar products)**
- **Upgraded control system,more humanized operation More beautiful and elegant appearance**
- **New blade fixed technology,security level is higher**
- **New design of the fan blades**
- **The best fan blade width**
- **The latest fastening connection mode and the overall**
- **Performance is more outstanding**

## Operation principle and airflow of the large industrial fan



## Technical Specifications

Model	Diameter (mm)	Blade Number	Power (kw)	Speed (RPM)	Weight (kg)	Air Volume (m³/min)	Cover area (m²)
LW-ECCF-7.3-05	7300	10	1.50	55	165	18700	1150
LW-ECCF-7.3-06	7300	8	1.50	55	145	15000	900
LW-ECCF-7.3-07	7300	6	1.50	55	140	13500	850
LW-ECCF-7.3-08	7300	5	1.50	55	135	13000	800
LW-ECCF-6.7-01	6700	10	1.50	55	155	15600	960
LW-ECCF-6.7-02	6700	8	1.50	55	140	12500	770
LW-ECCF-6.7-03	6700	6	1.50	55	135	11000	670
LW-ECCF-6.7-04	6700	5	1.50	55	130	10600	650
LW-ECCF-6.1-01	6100	10	1.50	75	150	13000	800
LW-ECCF-6.1-02	6100	8	1.50	75	135	10500	650
LW-ECCF-6.1-03	6100	6	1.50	75	130	9000	550
LW-ECCF-6.1-04	6100	5	1.50	75	125	8800	520
LW-ECCF-5.5-05	5500	10	1.50	75	145	11000	670
LW-ECCF-5.5-06	5500	8	1.50	75	130	8800	540
LW-ECCF-5.5-07	5500	6	1.50	75	125	7500	460
LW-ECCF-5.5-08	5500	5	1.50	75	120	7200	420
LW-ECCF-4.9-01	4900	10	1.50	75	140	10500	600
LW-ECCF-4.9-02	4900	8	1.50	75	125	7000	430
LW-ECCF-4.9-03	4900	6	1.50	75	120	6000	370
LW-ECCF-4.9-04	4900	5	1.50	75	115	5200	330
LW-ECCF-4.5-04	4500	10	1.50	75	130	9500	500
LW-ECCF-4.5-05	4500	8	1.50	75	120	6000	370
LW-ECCF-4.5-06	4500	6	1.50	75	115	5000	300
LW-ECCF-4.5-07	4500	5	1.50	75	110	4500	260
LW-ECCF-4.2-01	4200	10	0.55	100	125	7200	400
LW-ECCF-4.2-02	4200	8	0.55	100	115	5400	300
LW-ECCF-4.2-03	4200	6	0.55	100	110	4500	250
LW-ECCF-4.2-04	4200	5	0.55	100	105	4000	230
LW-ECCF-3.6-01	3600	10	0.55	100	120	5000	330
LW-ECCF-3.6-02	3600	8	0.55	100	110	3800	230
LW-ECCF-3.6-03	3600	6	0.55	100	105	3300	200
LW-ECCF-3.6-04	3600	5	0.55	100	100	3000	180
LW-ECCF-3.0-02	3000	8	0.55	100	95	2700	160
LW-ECCF-3.0-03	3000	6	0.55	100	90	2300	140
LW-ECCF-3.0-04	3000	5	0.55	100	85	2000	120
LW-ECCF-2.5-01	2500	6	0.55	100	85	1600	90
LW-ECCF-2.5-02	2500	5	0.55	100	80	1400	85
LW-ECCF-2.0-01	2000	6	0.55	100	80	1000	60
LW-ECCF-2.0-02	2000	5	0.55	100	75	900	55

## Power system



German Nord Gear Motor



Danfoss Frequency Converter

- Speed reducer-German Nord speed reducer, special for industrial energy-saving fans, Strong power, low noise, no maintenance, ensure long running without failure.
- Inverter-Danfoss inverter in Denmark, which meets all kinds of complex operating conditions (high temperature, dust, lampblack, long running, etc).

## Blades and tail & Shaft sleeve system



Blade Picture



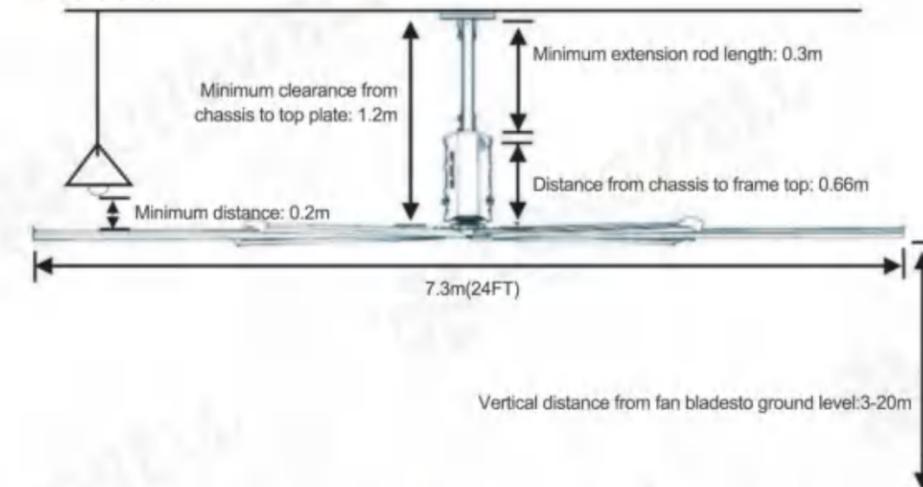
Tail Picture



Shaft Sleeve

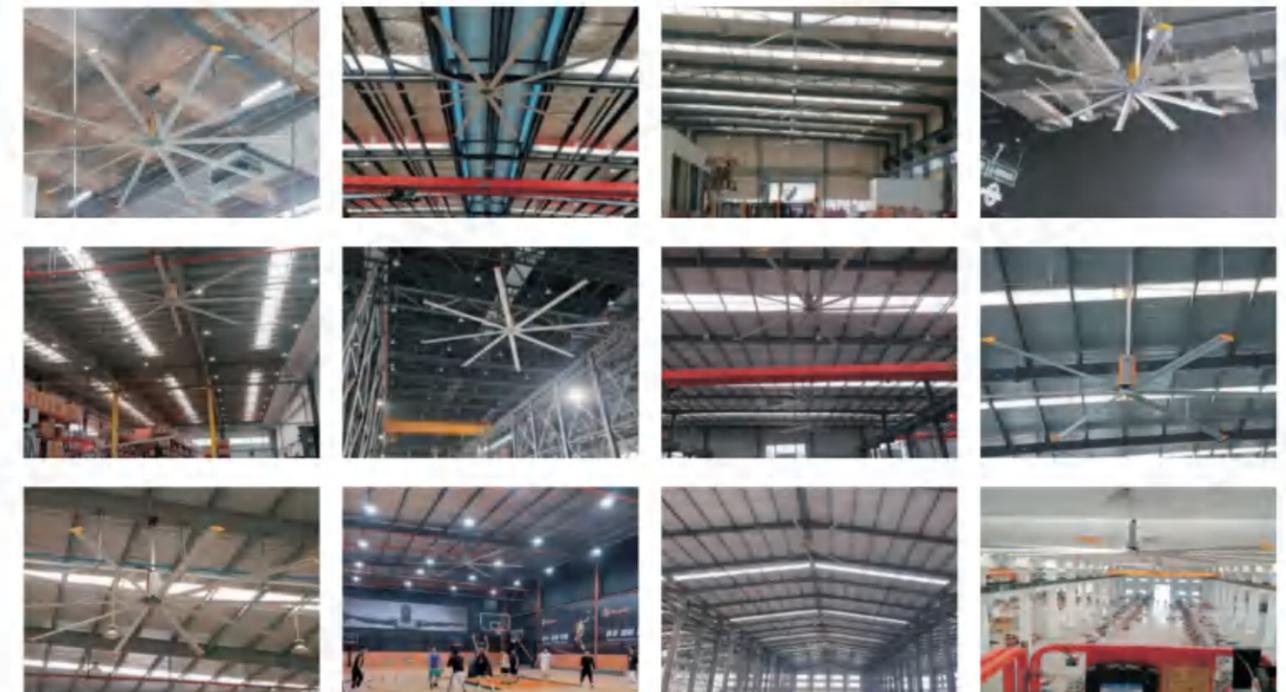
- After a scientific test, we used the wing shaped blade. It's perfectly aligned with the streamlined tail fin. The stability is better, the appearance is more beautiful, the air quantity is bigger, the wind feeling is more comfortable.
- Double row deep groove ball bearing is installed to reduce the load of reducer. Increase the stability of the main shaft, protect the gear and oil seal of the gearbox, Greatly extend the service life of fans!

## Installation conditions



- Building structure: H steel, I-beam, steel square beam, spherical column and other structures.
- The total height of the building is more than 4.5 meters.
- The distance between fans and barriers is minimum 0.2 meters.
- Input power: 380V/220V.

## Installation of case



# Industrial Ceiling Fan (Permanent Magnet Motor)

- High air volume, suitable for large spaces
- Maintenance-free and long-lasting
- Lightweight, compact, and flexible installation
- More refined appearance
- Application: Large industrial plant/Logistics warehousing/Agricultural farm Station/Airport /School/Stadium/Hotels/Large supermarkets/Large shopping malls



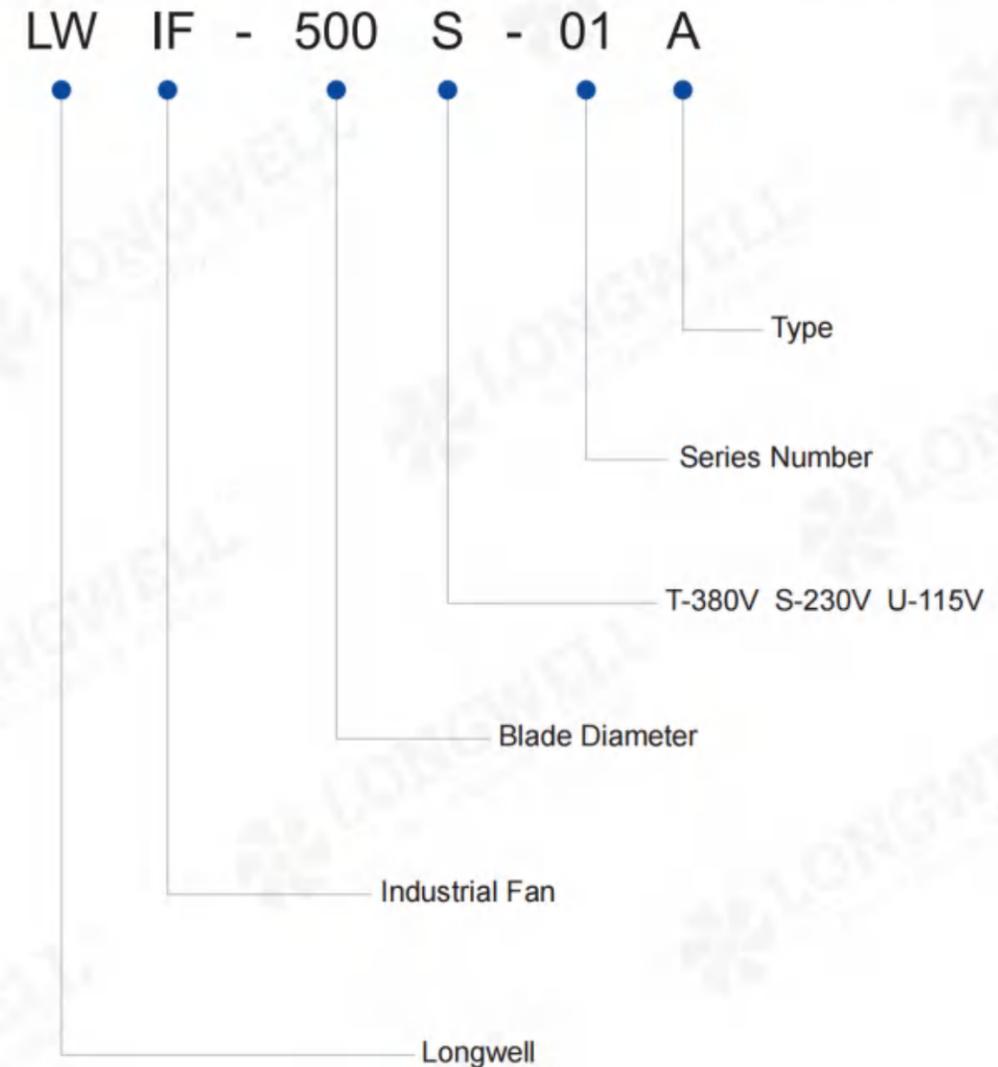
## Technical Specifications

Model	Voltage (V)	Power (kW)	Diameter (m)	Max speed (RPM)	Air Flow (m³/min)	Noise [dB(A)]	Fan number (PCS)	Fan width (cm)	Current (A)	Frequency (Hz)
LW-ECCF-7.3-03	220/380	1.6	7.3	57	15000	≤60	6	18.2	3.3	50/60
LW-ECCF-7.3-04	220/380	1.5	7.3	57	15000	≤60	5	18.2	3.3	50/60
LW-ECCF-6.5-01	220/380	1.5	6.5	60	14200	≤60	6	18.2	3.3	50/60
LW-ECCF-6.5-02	220/380	1.3	6.5	60	14200	≤60	5	18.2	3.3	50/60
LW-ECCF-6.0-03	220/380	1.3	6	65	13500	≤60	5/6	18.2	3.3	50/60
LW-ECCF-5.5-03	220/380	1.3	5.5	65	13500	≤60	5/6	18.2	3.3	50/60
LW-ECCF-5.5-04	220/380	0.75	5.5	70	6000	≤60	5/6	16	3.3	50/60
LW-ECCF-5.0-03	220/380	0.75	5	80	5500	≤60	5/6	16	3.3	50/60
LW-ECCF-4.5-03	220/380	0.75	4.5	90	5000	≤60	5/6	16	3.3	50/60
LW-ECCF-4.0-01	220	0.5	4	85	4000	≤60	5	16	3.3	50/60
LW-ECCF-3.5-01	220	0.5	3.5	90	4000	≤60	5	16	3.3	50/60
LW-ECCF-3.0-01	220	0.5	3	100	4000	≤60	5	16	3.3	50/60

# Industrial Fan

Feature: High air volume, Energy saving, low consumption, Low noise, Used in many industrial sites.

## Type Code



# Industrial Fan

Professional HVAC Fan & Motors Manufacturer



## Mist Fan

- **Strong cooling**

Centrifugal force is used to generate atomization for immediate cooling.

- **Mult-site use**

Remote air supply, suitable for factories, warehouses, sports fields, stations, schools, farms and other scenarios.



### Technical Parameters

Model	Size (inch)	Power (w)	Voltage (V)	Frequency (Hz)	Height (M)	Motor	Velocity	Capacity (L)	Air flow (m³/min)	Color
LWIF-650(26")S(U)-01A	26	260	220/110	50/60	1.75	100%copper	3	49	145	Blue
LWIF-650(26")S(U)-01C	26	260	220/110	50/60	1.75	100%copper	3	49	145	Blue
LWIF-750(30")S(U)-01A	30	350	220/110	50/60	1.75	100%copper	3	49	155	Blue
LWIF-750(30")S(U)-01C	30	350	220/110	50/60	1.75	100%copper	3	49	155	Blue

## Mist Fan

- Large capacity water tank
- Strong cooling
- Thickened mesh cover
- Low noise operation



### Technical Parameters

Model	Size (inch)	Power (w)	Voltage (V)	Frequency (Hz)	Height (M)	Motor	Velocity	Capacity (L)	Air flow (m³/min)	Color
LWIF-650(26")S(U)-02A	26	260	220/110	50/60	1.75	100%copper	3	45	145	Black
LWIF-650(26")S(U)-02B	26	260	220/110	50/60	1.75	100%copper	3	45	145	Black
LWIF-650(26")S(U)-02C	26	260	220/110	50/60	1.75	100%copper	3	45	145	Black
LWIF-750(30")S(U)-02A	30	350	220/110	50/60	1.75	100%copper	3	45	155	Black
LWIF-750(30")S(U)-02B	30	350	220/110	50/60	1.75	100%copper	3	45	155	Black
LWIF-750(30")S(U)-02C	30	350	220/110	50/60	1.75	100%copper	3	45	155	Black

## Mist Fan

- Large capacity water tank
- Long lasting spray
- Strong cooling
- Thickened mesh cover
- Low noise operation
- Hard material



### Technical Parameters

Model	Style	Size (inch)	Power (w)	Voltage (V)	Frequency (Hz)	Fog cover (wh)	Distance (m)
LWIF-500(20")U(S)-01B	Hand pushed	20	500	110/220	50/60	0-45	10-13
LWIF-500(20")U(S)-01A	Hand pushed	20	350	110/220	50/60	0-7	3-16
LWIF-500(20")U(S)-02B	Hand pushed	20	550	110/220	50/60	0-45	10-13
LWIF-500(20")U(S)-01C	Suspended	20	550	110/220	50/60	0-45	10-13

Model	Effective area (m²)	Noise dB(A)	Angle (°)	Tilt Angle	Tank volume (ltrs)	Working hours (h)
LWIF-500(20")U(S)-01B	150-200	≤55	30°/-15°	manual	60	1-8
LWIF-500(20")U(S)-01A	100-120	40-80	25°/5°	no	60	5-10
LWIF-500(20")U(S)-02B	150-200	≤55	30°/-15°	auto	60	1-8
LWIF-500(20")U(S)-01C	150-200	≤55	no	auto	8	continue

## Mist Fan

- 45L large capacity lasting spray,split water tank design,easy to move.
- Centrifugal force is used to generate atomization for immediate cooling.
- Hard material,dense cutting air flow,strong wind.
- Thickened mesh cover,uniform and beautiful,full of materials.



### Technical Parameters

Model	Size (inch)	Power (w)	Voltage (V)	Frequency (Hz)	Height (M)	Motor	Velocity	Capacity (L)	Air flow (m³/min)	Color
LWIF-650(26")S(U)-03A	26	260	110/220	50/60	1.75	100%copper	3	45	145	Black
LWIF-650(26")S(U)-03B	26	260	110/220	50/60	1.75	100%copper	3	45	145	Black
LWIF-750(30")S(U)-03A	30	350	110/220	50/60	1.75	100%copper	3	45	155	Black
LWIF-750(30")S(U)-03B	30	350	110/220	50/60	1.75	100%copper	3	45	155	Black

## Mist Fan

- Energy saving
- Strong wind
- Strong driving force
- Thickened mesh cover



### Technical Parameters

Model	Size (inch)	Power (w)	Voltage (V)	Frequency (Hz)	Motor	Velocity	Capacity (L)	Air flow (m³/min)	Color
LWIF-650(26")S(U)-04A	26	260	220/110	50/60	100%copper	3	10	145	White
LWIF-750(30")S(U)-04A	30	350	220/110	50/60	100%copper	3	10	155	White

## Industrial Wall Fan

- Three-speed control
- Strong wind
- Strong driving force
- Safe and durable



### Technical Parameters

Model	Size (inch)	Specification (mm)	Voltage (V)	Phase	Frequency (Hz)	Power (w)	Rotate speed (r/min)	Air flow (m³/min)	Noise dB(A)
LWIF-500(20")T(S)(U)-03A	20	500	380/220/110	1/3	50/60	120	1380	170	55
LWIF-650(26")T(S)(U)-05A	26	650	380/220/110	1/3	50/60	260	1380	205	63
LWIF-750(30")T(S)(U)-05A	30	700	380/220/110	1/3	50/60	350	1380	290	69

## Industrial Fan

- **Strong cooling**

Strong fan blades, fluid type design, reduce air resistance, long air supply distance.

- **Mult-site use**

Remote air supply, suitable for factories, warehouses, sports fields, stations, schools, farms and other scenarios.



### Technical Parameters

Model	Size (inch)	Specification (mm)	Voltage (V)	Phase	Frequency (Hz)	Power (w)	Rotate speed (r/min)	Air flow (m³/min)	Noise dB(A)
LWIF-500(20")T(S)(U)-04A	20	500	380/220/110	1/3	50/60	120	1380	170	55
LWIF-650(26")T(S)(U)-06A	26	650	380/220/110	1/3	50/60	260	1380	205	63
LWIF-750(30")T(S)(U)-06A	30	750	380/220/110	1/3	50/60	350	1380	290	69
LWIF-500(20")T(S)(U)-04B	20	500	380/220/110	1/3	50/60	120	1380	170	55
LWIF-650(26")T(S)(U)-06B	26	650	380/220/110	1/3	50/60	260	1380	205	63
LWIF-750(30")T(S)(U)-06B	30	750	380/220/110	1/3	50/60	350	1380	290	69

## Industrial Fan

- **Thickened aluminum leaf**
- **Strong wind**
- **Strong driving force**
- **Encryption screen**



### Technical Parameters

Model	Size (inch)	Specification (mm)	Power (w)	Air flow (m³/min)	Voltage (V)	Frequency (Hz)	Speed (r/min)
LWIF-250(10")S-01A	10	250	65	400	220	50	900-1400
LWIF-300(12")S-01A	12	300	70	430	220	50	900-1400
LWIF-350(14")S-01A	14	350	95	600	220	50	900-1400
LWIF-400(16")S-01A	16	400	125	720	220	50	900-1400
LWIF-450(18")S-01A	18	450	165	840	220	50	900-1400
LWIF-500(20")S-05A	20	500	195	960	220	50	900-1400

## Home Commercial Fan

- **Energy saving**
- **Strong wind**
- **Strong driving force**
- **Safe and durable**



### Technical Parameters

Model	Specification (mm)	Power (w)	Voltage (V)	Speed (r/min)	Packing (Pcs)	Packing Size (m)
LWIF-450(18")S-02A	450	180	220	450/1350	1	0.52x0.36x0.52

## Industrial Fan



- 100% pure copper wire motor with fuse
- 2 pieces aluminum fan blades
- 1.8~2.0mm thickness wire grill cage with clips
- Painted black or silver grill cage, or shining chromed color
- 3 speeds adjustable
- Oscillating or fixed direction optional

### Technical Parameters

Model	Size (mm)	Size (inch)	Voltage (V)	Frequency (Hz)	Power (w)	Volume (m³/min)	Speed (RPM)	Noise dB(A)
LWMF-500U(S)-01	500	20	110~120 220~240	50/60	130	150	1380	58
LWMF-600U(S)-01	600	24		50/60	215	195	1380	60
LWMF-650U(S)-01	650	26		50/60	230	205	1380	61
LWMF-750U(S)-01	750	30		50/60	260	290	1380	65

## Industrial Fan



- 100% pure copper wire motor with fuse
- 3 pieces aluminum fan blades
- 1.8~2.0mm thickness wire grill cage with clips
- Painted black or silver grill cage, or shining chromed color
- 3 speeds adjustable
- Oscillating or fixed direction optional

### Technical Parameters

Model	Size (mm)	Size (inch)	Voltage (V)	Frequency (Hz)	Power (w)	Volume (m³/min)	Speed (RPM)	Noise dB(A)
LWIF-450U(S)-01	450	18	110~120 220~240	50/60	110	130	1380	55
LWIF-500U(S)-02	500	20		50/60	130	150	1380	58
LWIF-600U(S)-02	600	24		50/60	215	195	1380	60
LWIF-650U(S)-02	650	26		50/60	230	205	1380	61
LWIF-750U(S)-02	750	30		50/60	260	290	1380	65
LWIF-850U(S)-01	850	34		50/60	290	320	1380	68

## Industrial Tripod Stand Fan



- 100% pure copper wire motor with fuse
- 2 or 3 pieces aluminum fan blades
- Full metal tripod, easy moving and more stable
- 3 speeds adjustable
- Oscillating or fixed direction optional



### Technical Parameters

Model	Size (mm)	Size (inch)	Voltage (V)	Frequency (Hz)	Power (w)	Volume (m³/min)	Speed (RPM)	Noise dB(A)
LWMF-450U(S)-02	450	18	110~120 220~240	50/60	110	130	1380	55
LWMF-500U(S)-03	500	20		50/60	130	150	1380	58
LWMF-600U(S)-03	600	24		50/60	215	195	1380	60
LWMF-650U(S)-03	650	26		50/60	230	205	1380	61
LWMF-750U(S)-03	750	30		50/60	260	290	1380	65
LWMF-850U(S)-02	850	34		50/60	290	320	1380	68

## Industrial Mist Fan



- 100% pure copper wire motor
- 3 pieces aluminum fan blades
- 2.0mm thickness wire grill cage with clips
- Mist consumption: 0-5L/H, mist volume adjustable
- Water tank capacity 13L
- Strong wall mount bracket
- Available for connecting with running water pipe
- Water tank capacity 40L
- Detachable 4 wheels for easy movement
- Full metal strong square stand pipe with handles



### Technical Parameters

Model	Size (mm)	Size (inch)	Voltage (V)	Frequency (Hz)	Power (w)	Volume (m³/min)	Speed (RPM)	Noise dB(A)
LWIF-650U(S)-04	650	26	110~120	50/60	190	205	1380	61
LWIF-750U(S)-04	750	30	220~240	50/60	220	290	1380	65

## 3 in 1 Industrial Fan



- Copper or aluminum wire motor
- 3 pieces aluminum fan blades
- Stand fan, wall fan, floor fan 3 in 1
- 3 speeds adjustable, stable round base, adjustable height stand pipe

### Technical Parameters

Model	Size (mm)	Size (inch)	Voltage (V)	Frequency (Hz)	Power (w)	Volume (m³/min)	Speed (RPM)	Noise dB(A)
LWIF-450U(S)-03	450	18	110~120 220~240	50/60	55	120	1300	50

## Commercial Stand and Wall Fan



- 100% pure copper wire motor with fuse, powerful with big air flow
- 3 or 5 pieces plastic (aluminum) wide fan blades (color can be customized)
- 4 speeds adjustable, plastic round base, adjustable height stand pipe
- Painted or chromed grill cage, with pull strings or switch box

### Technical Parameters

Model	Size (mm)	Size (inch)	Voltage (V)	Frequency (Hz)	Power (w)	Volume (m³/min)	Speed (RPM)	Noise dB(A)
LWIF-450U(S)-04	450	18	110~120 220~240	50/60	135	125	1380	55

## Commercial Floor Fan



- 100% pure copper wire motor with fuse, powerful with big air flow
- 3 or 5 pieces plastic (aluminum) wide fan blades (color can be customized)
- 4 speeds adjustable, strong floor bracket
- Painted or chromed grill cage

### Technical Parameters

Model	Size (mm)	Size (inch)	Voltage (V)	Frequency (Hz)	Power (w)	Volume (m³/min)	Speed (RPM)	Noise dB(A)
LWIF-450U(S)-05	450	18	110~120 220~240	50/60	135~150	125	1380	55
LWIF-450U(S)-06	450	18		50/60	135~150	125	1380	55
LWIF-500U(S)-04	500	20		50/60	135~150	125	1380	57

## Powerful Floor Fan



- 100% pure copper wire motor
- 3 pieces aluminum wide fan blades
- Painted black or shining chromed color
- 3 speeds adjustable, Oscillation up and down

### Technical Parameters

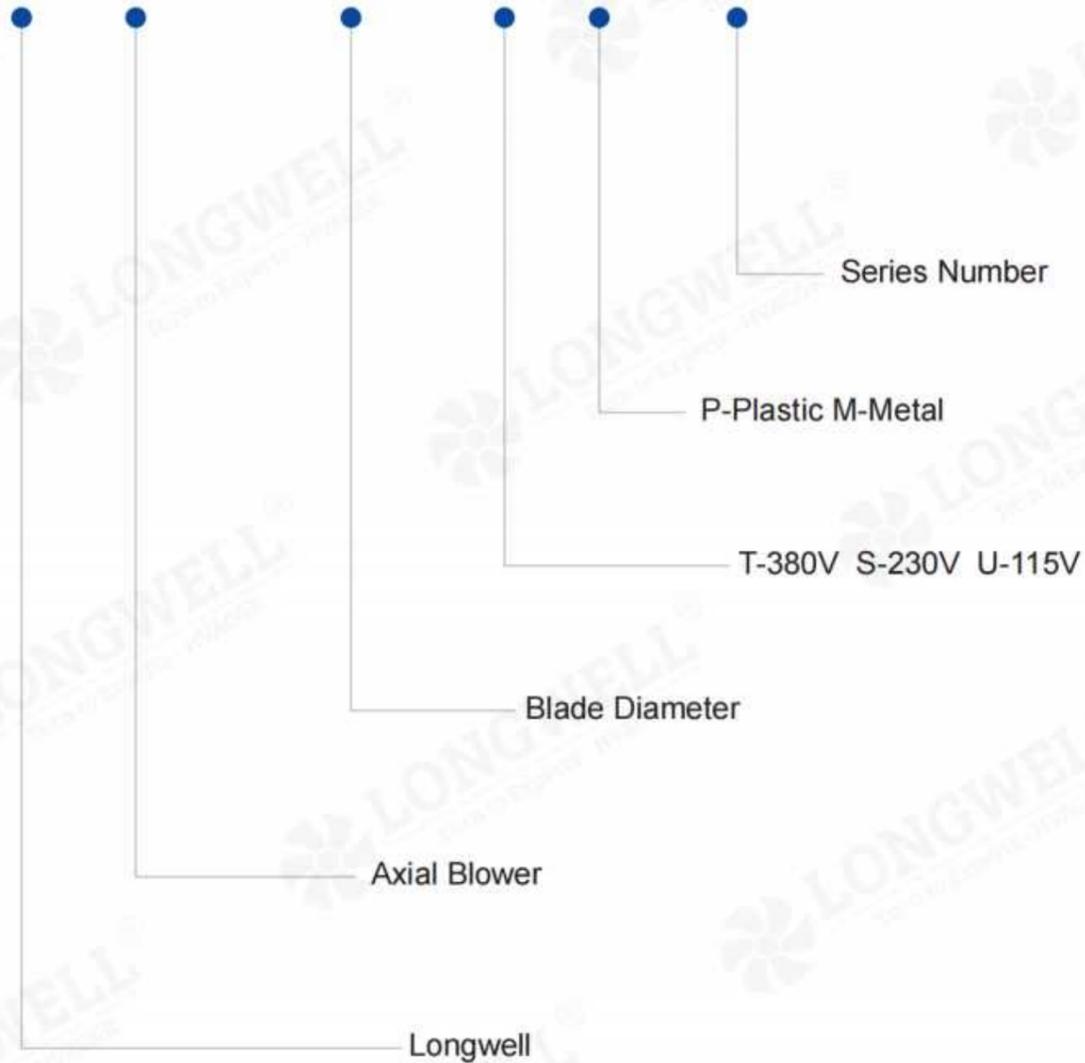
Model	Size (mm)	Size (inch)	Voltage (V)	Frequency (Hz)	Power (w)	Volume (m³/min)	Speed (RPM)	Noise dB(A)
LWIF-250U(S)-01	250	10	110~120 220~240	50/60	30	23	1350	42
LWIF-300U(S)-01	300	12		50/60	40	36	1350	45
LWIF-350U(S)-01	350	14		50/60	60	70	1350	50
LWIF-400U(S)-01	400	16		50/60	80	88	1350	52
LWIF-450U(S)-07	450	18		50/60	100	95	1350	55
LWIF-500U(S)-05	500	20		50/60	120	100	1350	58

# Industrial Axial Blower

Feature: Feature: High air volume,Energy saving,low consumption,Low noise,Ulsed in many industrial sites.

## Type Code

LW A - 100(4") S P - 01



# Industrial Axial Blower

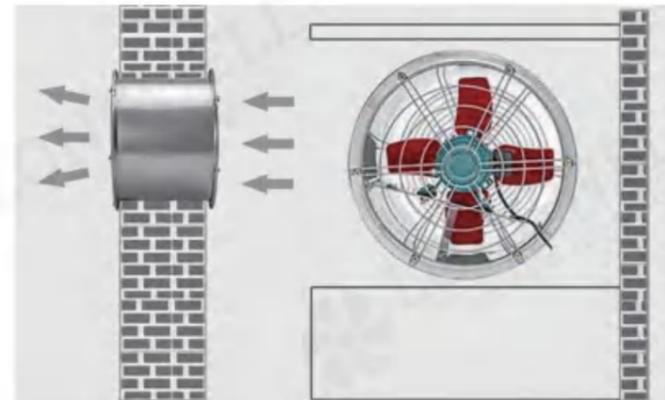
Professional HVAC Fan & Motors Manufacturer



## Industrial Axial Blower



- 100% pure copper wire motor
- Full metal body, for industrial use
- Strong air flow, various sizes for choose
- Optional for front grill



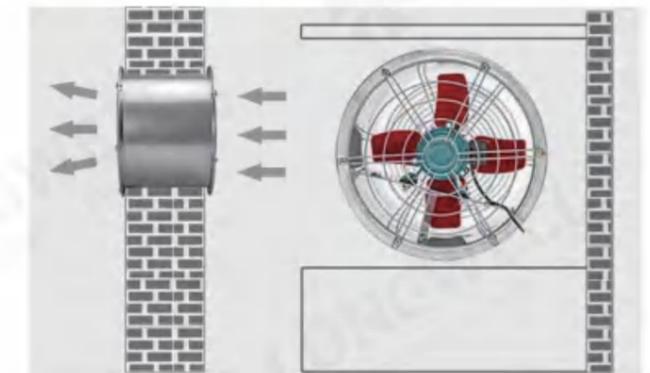
### Technical Parameters

Model	Voltage (v)	Frequency (Hz)	Power (W)	Air flow (m³/min)	Speed (RPM)	Package size (cm)
LWA-250(10")U(S)M-01	110~120 220~240	50/60	80	28	1350	32x27x32
LWA-300(12")U(S)M-01		50/60	100	35	1350	36x27x36
LWA-350(14")U(S)M-01		50/60	140	60	1350	42x27x42
LWA-400(16")U(S)M-01		50/60	170	90	1350	48x27x48
LWA-500(20")U(S)M-01		50/60	200	150	1350	57x27x57
LWA-600(24")U(S)M-01		50/60	500	205	1350	67x27x67

## Powerful Axial Blower



- 100% pure copper wire motor
- Full metal body, for industrial use
- Strong air flow, various sizes for choose
- Optional for front grill and back grill



### Technical Parameters

Model	Voltage (v)	Frequency (Hz)	Power (W)	Air flow (m³/min)	Speed (RPM)	Package size (cm)
LWA-300(12")U(S)M-02	110~120 220~240	50/60	120	46	1350	36x28x36
LWA-350(14")U(S)M-02		50/60	160	65	1350	42x28x42
LWA-400(16")U(S)M-02		50/60	200	110	1350	48x28x48
LWA-500(20")U(S)M-02		50/60	250	165	1350	57x38x57
LWA-600(24")TM-02	380	50/60	800	310	1350	68x48x68

## Powerful Axial Blower



- 100% pure copper wire motor
- Full metal body, for industrial use
- High speed, strong air flow, various sizes for choose
- Optional for front and back grill

### Technical Parameters

Model	Voltage (v)	Frequency (Hz)	Power (W)	Air flow (m³/min)	Speed (RPM)	Package size (cm)
LWA-200(8")U(S)M-01	110~120 220~240	50/60	135	23	2800	27x29x27
LWA-250(10")U(S)M-02		50/60	230	48	2800	32x28x32
LWA-300(12")U(S)M-03		50/60	370	65	2800	37x28x37
LWA-350(14")U(S)M-03		50/60	550	98	2800	42x28x42
LWA-400(16")U(S)M-03		50/60	750	150	2800	48x28x48

## Portable Ventilator



- 100% pure copper wire motor
- Metal enclosure, metal fan blades
- High speed with strong airflow
- With front and back grill, with handle easy for moving

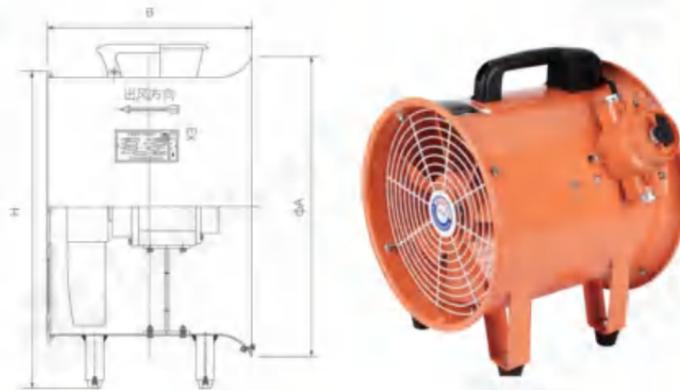
### Technical Parameters

Model	Voltage (v)	Frequency (Hz)	Power (W)	Air flow (m³/h)	Speed (RPM)	Air Pressure (Pa)	CFM
LWA-200(8")U(S)M-02	110~120 220~240	50/60	120	1300	2800	140	765
LWA-250(10")U(S)M-03		50/60	250	2100	2800	215	1235
LWA-300(12")U(S)M-04		50/60	370	3000	2800	230	1765
LWA-350(14")U(S)M-04		50/60	750	5500	2800	250	3235
LWA-400(16")U(S)M-04		50/60	1100	11000	2800	400	6470
LWA-450(18")U(S)M-01		50/60	1500	12500	2800	580	7353

# Explosion-proof Portable Axial Flow Fan

## Scope of Application

Explosion-proof type is suitable for explosive gas environments of Class I, Division 1 and Class II, Division B, with temperature group T1 - T4, such as chemical, refining, and shipbuilding factories, used for ventilation and air exchange purposes, with explosion-proof marking as ExdIIBT4



Model	Air inlet A (mm)	Wind duct length B (mm)	Wind duct total height H (mm)	Air outlet (mm)	Duct inner diameter (mm)
LWA-200S(TM)-03E	269	345	306	239	210
LWA-250S(TM)-04E	329	336	373	292	261
LWA-300S(TM)-05E	365	340	405	333	306
LWA-350S(TM)-05E	436	368	471	394	364
LWA-400S(TM)-05E	470	370	511	434	406
LWA-500S(TM)-03E	575	468	628	539	507

## Technical Parameters

Model	Impeller diameter (mm)	Air volume (m³/h)	Static pressure (Pa)	Speed (r/min)	Frequency (Hz)	Power (kw)	Voltage (kw)
LWA-200S(TM)-03E	190	1500-2100	250-420	2800	50/60	0.15	220/380
LWA-250S(TM)-04E	240	2700-3300	300-450	2800	50/60	0.25	220/380
LWA-300S(TM)-05E	290	3720-3300	350-500	2800	50/60	0.37	220/380
LWA-350S(TM)-05E	340	4840-4840	550-600	2800	50/60	0.55	220/380
LWA-400S(TM)-05E	390	5860-6840	750-800	2800	50/60	0.9	220/380
LWA-500S(TM)-03E	490	6800-10000	185-200	1450	50/60	0.75	220/380

# Portable Fan

- **Trumpet high air volume**

High polymer ABS multi blade design with high air volume and low noise. The front end bell mouth expands the air supply area, and is lightweight and portable, making it more convenient to use.

- **Safe, fine and rust proof**

Fine mesh safety design, high hardness, excellent rust and corrosion resistance, maintaining a smooth and clean appearance.

- **High strength steel**

Anti wear technology is used to treat the surface hardness of materials, resist impact and extrusion, wear resistance, and prevent fracture and deformation.



## Technical Parameters

Model	Number of blades (PCS)	Power (w)	Voltage (v)	Air flow (m³/h)	Pressure (Pa)	Speed (r/min)	Frequency (Hz)	Size (cm)	Volume (m³)	Weight (Kg)
LWA-200(8")SM-03	Seven	120	220	1350	140	2800	50	33×28×35	0.033	7
LWA-250(10")SM-04	Seven	250	220	2500	215	2800	50	40×32×34	0.043	7.5
LWA-300(12")SM-05	Seven	370	220	3500	230	2800	50	45×37×34	0.0566	8.5
LWA-350(14")SM-05	Six	750	220	6500	320	2800	50	50×42×36	0.0756	14
LWA-400(16")SM-05	Six	550	220	5870	149	1450	50	55×48×36	0.095	12
LWA-400(16")SM-06	Six	1500	220	9600	380	2800	50	55×48×36	0.095	15.5
LWA-500(20")SM-04	Six	750	220	10000	200	1450	50	63×58×36	0.13	17

## Mobile Fan

- High air volume
- Corrosion resistance
- Low noise
- Wear-resistant
- Energy saving,low consumption
- Used in many industrial sites



### Technical Parameters

Model	Number of blades (PCS)	Power (w)	Voltage (v)	Air flow (m³/h)	Pressure (Pa)	Speed (r/min)	Frequency (Hz)	Size (cm)	Volume (m³)	Weight (Kg)
LWA-300(12")S(T)M-06	Seven	370	220/380	3500	230	2800	50	46×35×34	0.547	11
LWA-350(14")S(T)M-06	Six	750	220/380	6500	320	2800	50	63×53×36	0.12	16
LWA-400(16")S(T)M-07	Six	1500	220/380	9600	380	1450	50	65×55×36	0.187	19
LWA-400(16")S(T)M-08	Six	550	220/380	5870	149	1450	50	65×55×36	0.187	16
LWA-500(20")S(T)M-05	Six	750	220/380	10000	200	1450	50	75×48×36	0.176	18.5
LWA-600(24")S(T)M-07	Six	2200	220/380	18750	300	1450	50	88×75×49	0.32	34
LWA-710(28")TM-01	Six	3000	380	24550	350	1450	50	107×94×60	0.6	75
LWA-800(32")TM-01	Six	4000	380	37250	420	1450	50	114×104×60	0.711	95