Engineered for the Critical

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



LONGWELL®
Turn to Experts - HVAC&R

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CE RoHS ETL BSCI ISO EAC UL LVD

LONGWELL®
Turn to Experts - HVAC&R

LONGWELL TECHNOLOGY

The Ventilation and Drive Technology Partner for Mission-Critical Environments



Professional Manufacturer of HVACR Fan & Motors

—— Drum Fan

Longwell Group
Longwell-China
Longwell-USA
Longwell-Russia
Longwell-Europe

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About Longwell

The Ventilation and Drive Technology Partner for Mission-Critical Environments

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.

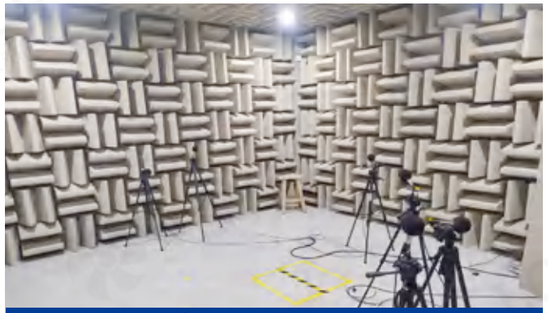
Equipped with advanced testing labs and production facilities, including a B&K noise lab, CFD simulation lab, air dynamics test chambers, automatic welding machines, CNC machining centers, and auto robot injection machines, we ensure efficient production and on-time delivery.

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.

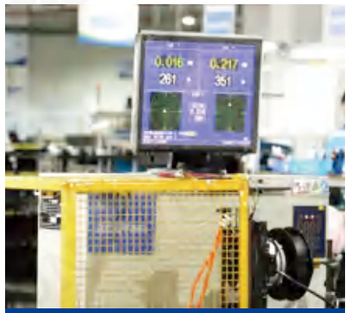
LONGWELL looks forward to collaborating with you and providing high-quality customized fan and motor solutions. Please feel free to contact us as we work together to create a brighter future.

193	40000㎡	500+	1Million+PCS	6	50+
Staff	Floor Space	Branding Clients	Annual Outputs	Overseas Offices on Spot Support	Members R&D Team


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

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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 - Hightest Level in China

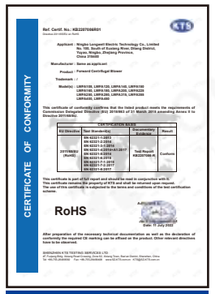

Own-Brand


Own-Brand


ETL


ETL

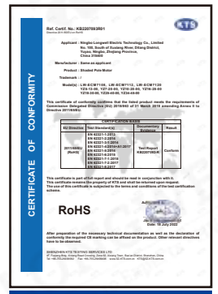

CE


RoHS


CE


CE


CE


RoHS


ETL


ETL

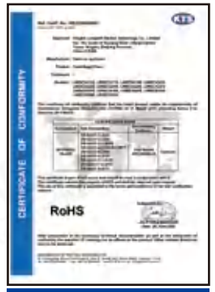

ETL


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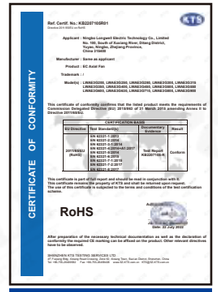

CE

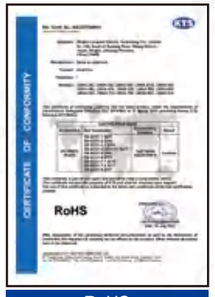

ISO 9001


ISO 9001


RoHS


RoHS


RoHS


RoHS


RoHS


CE


CE


CE

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

- LW — Longwell
- A — Axial Blower
- 100(4") — Blade Diameter
- S — T-380V S-230V U-115V
- P — P-Plastic M-Metal
- 01 — Series Number

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Drum Fan

Professional HVAC Fan &Motors Manufacturer



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Industrial Mobile Fan



LWA-800S-02 LWA-800S-03 LWA-1100S-01 LWA-1260S-01 LWA-1550S-01

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 l 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 1800W AC 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 1100W AC 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



Blade



Permanent Magnet Motor



Frequency Converter



Silent Caster

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LWA-1100SM-01



Product Characteristic

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

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
- Low noise,high air volume
- Maximum air delivery distance:25-30M
- Permanent Magnet DC Motor:450W, Equivalent to 800W AC motor
  Low energy consumption, High efficiency

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
- Low noise,high air volume
- Maximum air delivery distance:25-30M
- Permanent Magnet DC Motor:450W, Equivalent to 800W AC motor
  Low energy consumption, High efficiency

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 wind**
- **Strong driving force**
- **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

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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	110～120 220～240	50/60	260	210	1100	64
LWA-750(30")U(S)M-01		50/60	420	260	1100	68
LWA-900(36")U(S)M-01		50/60	600	290	1100	70