Engineered for the Critical

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



LONGWELL®
Turn to Experts - HVAC&R

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 | www.longwell-group.com | www.longwell-media.com
Email: sales@zjlongwell.com

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

—— Industrial 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.

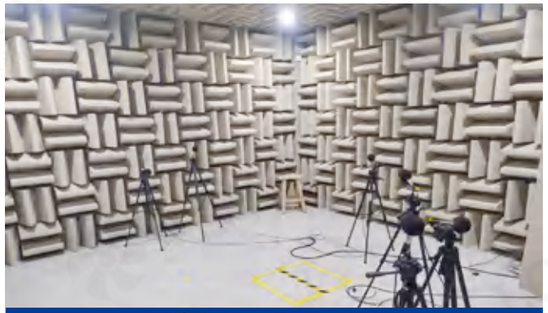
Equipped with advanced testing labs and production facilities, including a B&K noise lab, CFD simulation lab, air dynamics test chambers, automatic welding machines, CNC machining centers, and auto robot injection machines, we ensure efficient production and on-time delivery.

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.

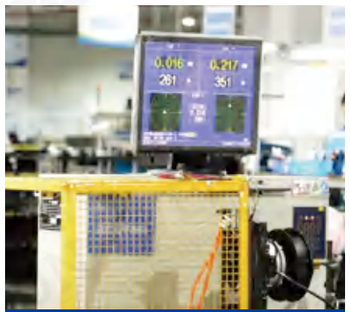
LONGWELL looks forward to collaborating with you and providing high-quality customized fan and motor solutions. Please feel free to contact us as we work together to create a brighter future.

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

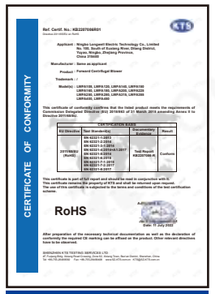

Own-Brand


Own-Brand


ETL


ETL

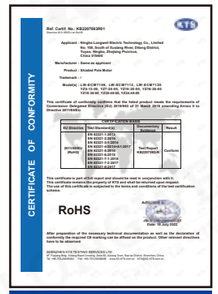

CE


RoHS


CE


CE


CE


RoHS


ETL


ETL

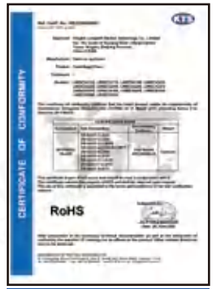

ETL


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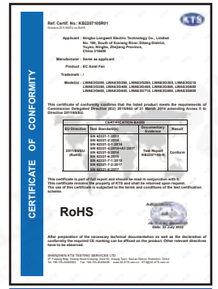

CE

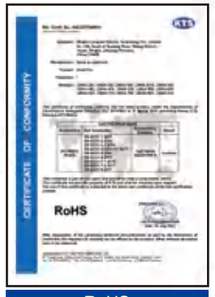

ISO 9001


ISO 9001


RoHS


RoHS


RoHS


RoHS


RoHS


CE


CE


CE

Industrial Fan

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

Type Code

LW IF - 500 S - 01 A

- LW — Longwell
- IF — Industrial Fan
- 500 — Blade Diameter
- S — T-380V S-230V U-115V
- 01 — Series Number
- A — Type

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Industrial Fan

Professional HVAC Fan &Motors Manufacturer



Industrial Fan

- **Strong cooling**

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

- **Mulit-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 shinning chromed color
- 3 speeds adjustable
- Oscillating or fixed direction optional

Technical Parameters

Model	Size (mm)	Size (inch)	Voltage (V)	Frequency (Hz)	Power (w)	Volume (m^3/min)	Speed (RPM)	Noise dB(A)
LWIF-500U(S)-01	500	20	110～120 220～240	50/60	130	150	1380	58
LWIF-600U(S)-01	600	24		50/60	215	195	1380	60
LWIF-650U(S)-01	650	26		50/60	230	205	1380	61
LWIF-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 shinning chromed color
- 3 speeds adjustable
- Oscillating or fixed direction optional

Technical Parameters

Model	Size (mm)	Size (inch)	Voltage (V)	Frequency (Hz)	Power (w)	Volume (m^3/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

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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)
LWIF-450U(S)-02	450	18	110～120 220～240	50/60	110	130	1380	55
LWIF-500U(S)-03	500	20		50/60	130	150	1380	58
LWIF-600U(S)-03	600	24		50/60	215	195	1380	60
LWIF-650U(S)-03	650	26		50/60	230	205	1380	61
LWIF-750U(S)-03	750	30		50/60	260	290	1380	65
LWIF-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	110～120 220～240	50/60	190	205	1380	61
LWIF-750U(S)-04	750	30		50/60	220	290	1380	65

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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 (m^3/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 (m^3/min)	Speed (RPM)	Noise dB(A)
LWIF-450U(S)-04	450	18	110～120 220～240	50/60	135	125	1380	55

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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 shinning 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