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 BSCI ISO EAC UL LVD

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LONGWELL TECHNOLOGY

The Ventilation and Drive Technology Partner for Mission-Critical Environments







Professional Manufacturer of HVACR Fan & Motors

—— Industrial Axial Fan

Longwell Group
Longwell-China
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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.

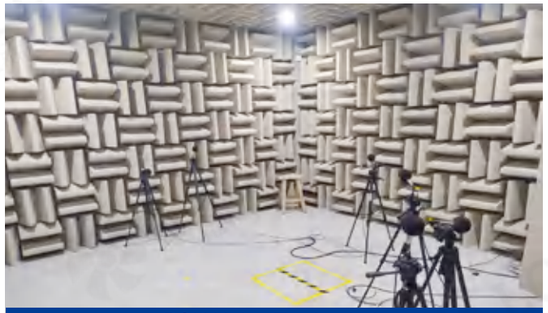
Equipped with advanced testing labs and production facilities, including a B&K noise lab, CFD simulation lab, air dynamics test chambers, automatic welding machines, CNC machining centers, and auto robot injection machines, we ensure efficient production and on-time delivery.

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.

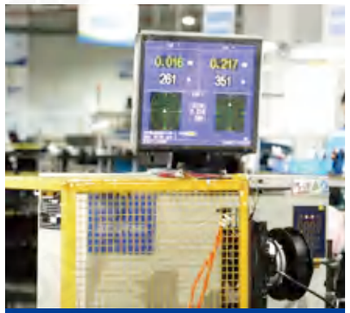
LONGWELL looks forward to collaborating with you and providing high-quality customized fan and motor solutions. Please feel free to contact us as we work together to create a brighter future.

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

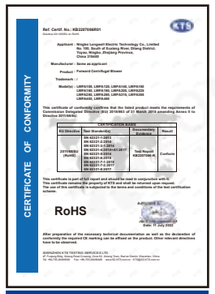

Own-Brand


Own-Brand


ETL


ETL

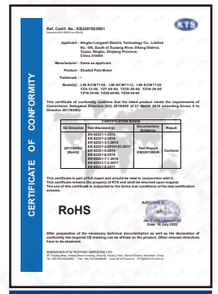

CE


RoHS


CE


CE


CE


RoHS


ETL


ETL

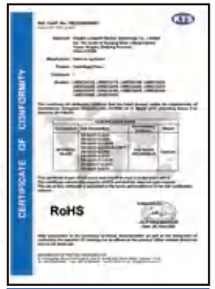

ETL


CE

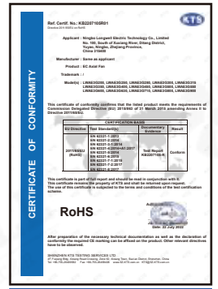

CE

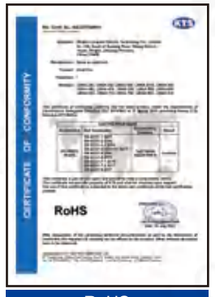

ISO 9001


ISO 9001


RoHS


RoHS


RoHS


RoHS


RoHS


CE


CE


CE

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Explosion-proof Series

Professional HVAC Fan &Motors Manufacturer







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Type Code

LW EX-WF - 3A - 0.12 - 4P - 1 - 001

- LW-Longwell
- EX-WF: Explosion-proof Exhaust Fan
  EX-AF: Flameproof and Explosion-proof Axial Fan
  LWEX-FS/WFS: Explosion-proof Shaking Head Fan
- Blade Diameter: 3A=3×100=300mm
- Power(KW)
- Poles
- 1-Single-phase
  3-Three-phase
- Series Number

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LWEX-WF Series Explosion-proof Exhaust Fan



Wall-mounted type



Square louver type

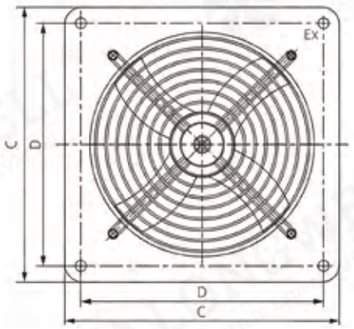


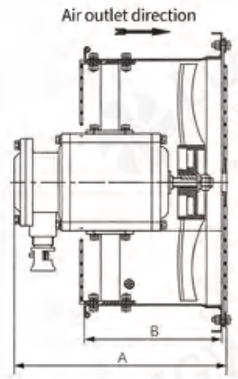
Round louver type

Scope of Application and Use

The flameproof axial flow AC exhaust fan (hereinafter referred to as the exhaust fan) is manufactured as a flameproof type in accordance with GB3836.1 Explosive Atmospheres – Electrical Apparatus for Explosive Gas Atmospheres – General Requirements and GB3836.2 Explosive Atmospheres – Electrical Apparatus for Explosive Gas Atmospheres – Flameproof Enclosures "d". The explosion-proof marking is Exd II BT4, and it is suitable for hazardous environments with explosive gases of Category II B and Temperature Class T4 and below.

This product features reliable flameproof performance, high air volume, low noise, and low power consumption.





Model	A.Overall height of fan	B.Height of fan casing	C.Front panel frame	D. Mounting hole spacing	Mounting holes	Duct inner diameter	Flange edge	Fan blade diameter	Number of fan blades	Threaded port
LWEX-WF-3A	265	175	372	340	4-Φ12	307	320	285	4	1/2
LWEX-WF-4A	265	175	472	440	4-Φ12	407	420	390	3	1/2
LWEX-WF-5A	275	180	572	540	4-Φ12	507	520	490	3	3/4
LWEX-WF6A	275	180	672	640	4-Φ12	607	620	590	3	3/4

Technical Specifications

Model	Power (KW)	Air Volume (m³/h)	Speed (r/min)	Voltage (V)
LWEX-WF-3A-0.12-4P-1-001	0.12	2200	1450	220
LWEX-WF-3A-0.12-4P-3-001	0.12	2200	1450	380
LWEX-WF-4A-0.18-4P-1-001	0.18	2400	1450	220
LWEX-WF-4A-0.18-4P-3-001	0.18	2400	1450	380
LWEX-WF-5A-0.25-4P-1-001	0.25	4900	1450	220
LWEX-WF-5A-0.25-4P-3-001	0.25	4900	1450	380
LWEX-WF-6A-0.37-4P-1-001	0.37	9500	1450	220
LWEX-WF-6A-0.37-4P-3-001	0.37	9500	1450	380

Installation and Operation

1. First check whether the frame and fan blades are deformed, whether the blades rotate flexibly, and whether there is any rubbing. Check that all fasteners are complete and tightened.
2. The line voltage must match the rated voltage specified on the motor nameplate.
3. Use a 500V megohmmeter to check the insulation resistance of the motor. If the resistance value is less than 10MΩ, drying treatment shall be applied using the oven drying method or short-circuit current method until the insulation resistance exceeds 10MΩ.
4. A small explosion-proof switch must be used as the power switch, or an ordinary switch shall be installed outdoors in a non-hazardous (non-explosive) location.
5. The outer diameter of the power cable must match the sealing ring. After tightening the compression nut, ensure that there is no gap between the sealing ring and the cable, nor between the sealing ring and the cable entry. Otherwise, the flameproof performance will be lost.
6. Do not disassemble non-terminal parts of the explosion-proof motor. When wiring, open the cover of the terminal compartment, insert the lead wires and connect them to the terminals. After connection, replace the cover and tighten the screws so that the gap of the flameproof joint is less than 0.2mm. Then tighten the cable gland to prevent the lead wires from moving.

Note: During installation, take care to protect the flameproof joint. It must not be damaged or nicked. If any damage or rust occurs, repair shall be carried out according to the "Regulations for the Treatment of Defects on Flameproof Surfaces of Explosion-proof Electrical Equipment".

7. For exhaust fans in service, dust and other accumulations on the motor shall be frequently cleaned to avoid affecting heat dissipation.
8. When reusing an exhaust fan that has been out of service for a long period, it must be re-inspected according to the instruction manual before use. Only after it is confirmed to be suitable can it be put into operation.

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LWEX-AF Series Flameproof and Explosion-proof Axial Fan

Scope of Application and Use

This series of products is suitable for use in locations with explosive gas mixtures of Class II B, Group T4 and below (Zone 1 and Zone 2), such as workshops and warehouses, for ventilation, air exchange, or enhanced heating, ventilation and heat dissipation.

The operating conditions for this series of products are: AC 50Hz, voltage 220/380V, and locations without severe corrosion or significant dust.

This series of products can also be provided with mounting brackets upon user request.

This series of products complies with the requirements of the explosion-proof marking Exd II BT4.



Duct type



Fixed type



Positionable type

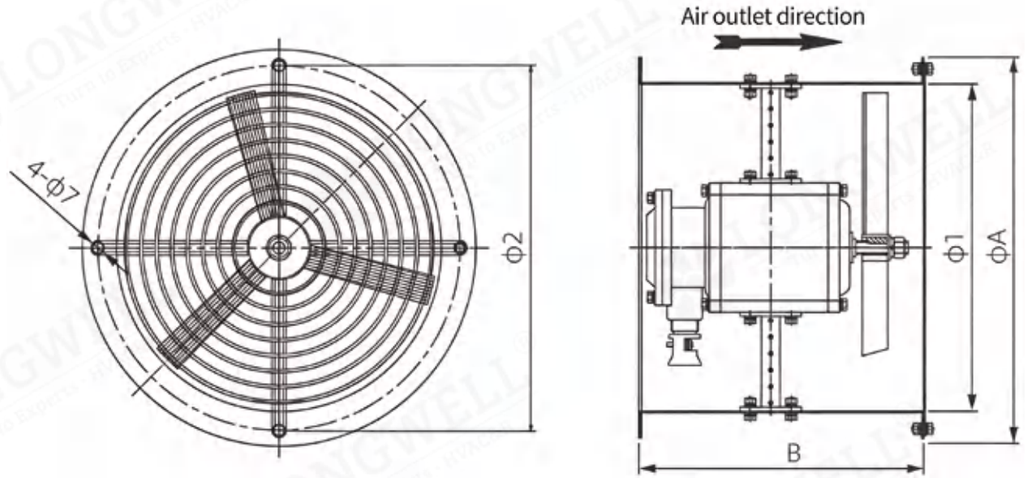
Technical Specifications

Model	Power (KW)	Air Volume (m^3/h)	Speed (r/min)	Voltage (V)
LWEX-AF-2A-0.09-4P-1-001	0.09	1800	1450	220
LWEX-AF-2A-0.09-4P-3-001	0.09	1800	1450	380
LWEX-AF-2.5A-0.12-4P-1-001	0.12	2000	1450	220
LWEX-AF-2.5A-0.12-4P-3-001	0.12	2000	1450	380
LWEX-AF-3A-0.18-4P-1-001	0.18	2280	1450	220
LWEX-AF-3A-0.18-4P-3-001	0.18	2280	1450	380
LWEX-AF-4A-0.37-4P-1-001	0.37	2880	1450	220
LWEX-AF-4A-0.37-4P-3-001	0.37	2880	1450	380
LWEX-AF-5A-0.55-4P-1-001	0.55	5700	1450	220
LWEX-AF-5A-0.55-4P-3-001	0.55	5700	1450	380

Model	Power (KW)	Air Volume (m^3/h)	Speed (r/min)	Voltage (V)
LWEX-AF-6A-0.75-4P-1-001	0.75	8700	1450	220
LWEX-AF-6A-0.75-4P-3-001	0.75	8700	1450	380
LWEX-AF-7A-1.1-4P-3-001	1.1	10200	1450	380
LWEX-AF-7.5A-1.1-4P-3-001	1.5	10500	1450	380

Structural Features

This series of products consists of an explosion-proof motor, blades, duct, etc. The blades are made of high-quality aluminum die-casting; the duct is made of steel plate and profiles, welded. Power leads can be routed either through steel conduit or through cables. An external grounding screw is provided on the housing.



Model	ΦA Plain outer dia. (±5mm)	B Duct height (±5mm)	Φ1 Duct ID (±5mm)	Φ2 Guard hole spacing (±5mm)	Mounting hole (±5 mm)	Blade dia. (±5mm)	No. of blades	Threaded port	Remarks
LWEX-AF-2A	249	266	212	232	4-Φ7	195	4	1/2	Double flange
LWEX-AF-2.5A	302	269	264	284	4-Φ7	238	4	1/2	Double flange
LWEX-AF-3A	355	277	305	329	4-Φ7	285	4	1/2	Double flange
LWEX-AF-4A	454	276	405	433	4-Φ7	390	3	1/2	Double flange
LWEX-AF-5A	556	298	506	533	4-Φ7	490	3	3/4	Double flange
LWEX-AF-6A	655	298	606	633	4-Φ7	590	3	3/4	Double flange
LWEX-AF-7A	764	402	708	740	4-Φ7.5	685	3	3/4	Double flange
LWEX-AF-7.5A	806	402	748	781	4-Φ7.5	740	3	3/4	Double flange

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LWEX-FS/WFS Series Explosion-proof Shaking Head Fan

Scope of Application and Use

Suitable for use in flammable gas atmospheres of Classes II A and II B, temperature groups T1 to T4. It is used for cooling and heat relief in workshops, warehouses, offices, gas stations, etc., across industries such as petroleum, military, chemical, machinery, pharmaceutical, and metallurgy. It features good explosion-proof performance, reasonable structure, smooth operation, convenient use, and attractive appearance. The fan blades are made of high-strength aluminum alloy.



Floor-standing type



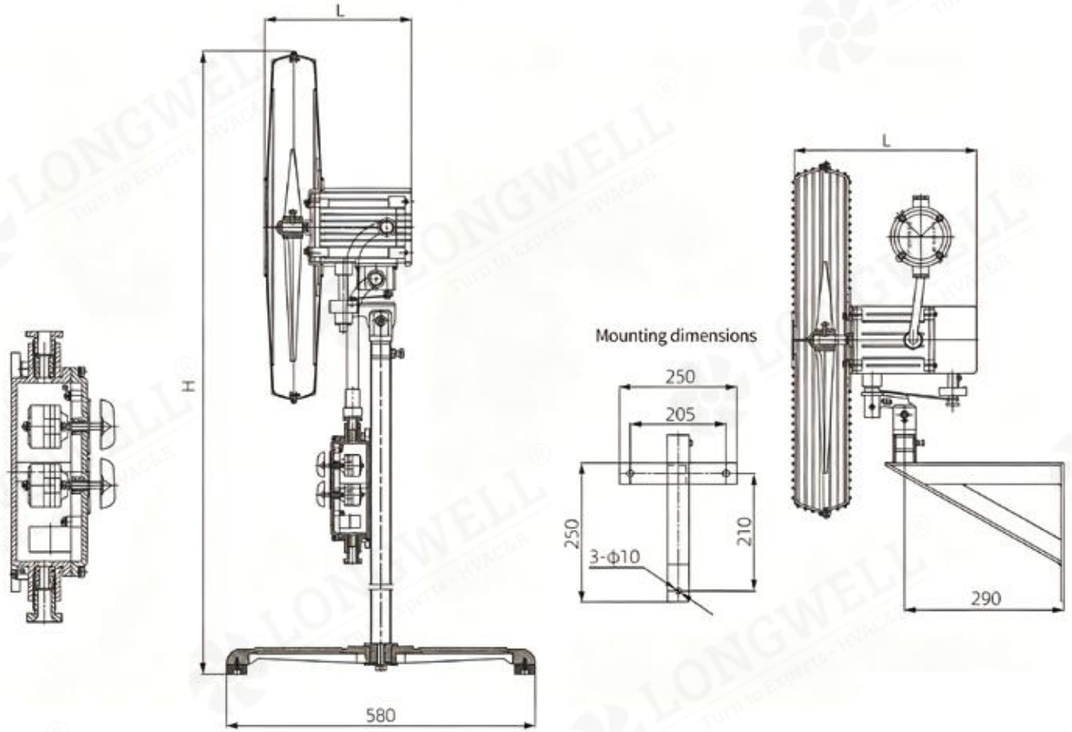
Wall-mounted type

Technical Specifications

Model	Power (KW)	Air Volume (m^3/h)	Speed (r/min)	Voltage (V)	Type
LWEX-FS-5A-0.37-4P-1-001	0.37	6600	1450	220	Floor-standing
LWEX-FS-5A-0.37-4P-3-001	0.37	6600	1450	380	Floor-standing
LWEX-FS-6A-0.55-4P-1-001	0.55	9600	1450	220	Floor-standing
LWEX-FS-6A-0.55-4P-3-001	0.55	9600	1450	380	Floor-standing
LWEX-FS-7.5A-0.75-4P-1-001	0.75	18000	1450	220	Floor-standing
LWEX-FS-7.5A-0.75-4P-3-001	0.75	18000	1450	380	Floor-standing

Model	Power (KW)	Air Volume (m^3/h)	Speed (r/min)	Voltage (V)	Type
LWEX-WFS-5A-0.37-4P-1-001	0.37	6600	1450	220	Wall-mounted
LWEX-WFS-5A-0.37-4P-3-001	0.37	6600	1450	380	Wall-mounted
LWEX-WFS-6A-0.55-4P-1-001	0.55	9600	1450	220	Wall-mounted
LWEX-WFS-6A-0.55-4P-3-001	0.55	9600	1450	380	Wall-mounted
LWEX-WFS-7.5A-0.75-4P-1-001	0.75	18000	1450	220	Wall-mounted
LWEX-WFS-7.5A-0.75-4P-3-001	0.75	18000	1450	380	Wall-mounted

Outline Dimension Drawing



Duct Axial Fan Series

Professional HVAC Fan &Motors Manufacturer



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Type Code

LW SFP EX M R - 2A - 0.15 - 2P - 1 - 001

- LW-Longwell
- SFR: Refrigeration Dedicated Axial Fan
  SFM: Movable Low Noise Axial Fan
  SFP: Portable Safe Axial Fan SF: Low Noise Axial Fan
  SFE: Low-Noise Axial Flow Fan With Plastic-sealed Motor
  AF35-11: High Efficiency Low Noise Axial Fan
  AF40: Axial Fan SJG: Oblique Flow Pipeline Fan
  WAF: Low Noise Square Wall Axial Fan
  WEX-IR: Side Wall Ventilation and Exhaust Fans
  WEX-OR: External Rotor Corner Exhaust Fan
- /-Standard EX-Explosion-proof Type FR-Anticorrosive Type
- /-Direct Drive M-Belt Drive
- /-Standard R-Reinforced Type
- Blade Diameter: 2A=2×100=200mm
- Power(KW)
- Poles
- 1-Single-phase
  3-Three-phase
- Series Number

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LWSFM Series Movable Low Noise Axial Fan

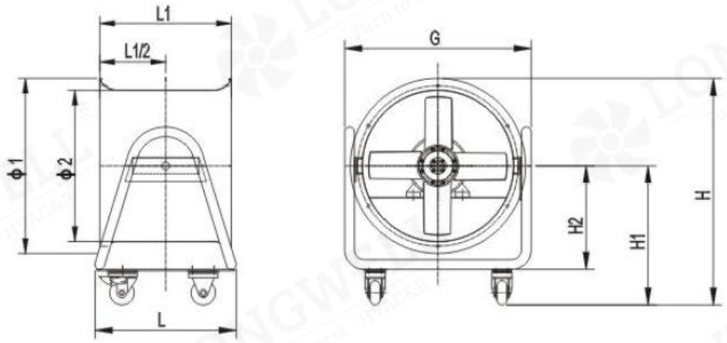
Performance Introduction



This series axial fan adopts bent steel pipe base with wheels, aluminum alloy impellers with adjustable angle.
With features as perfect appearance, stable operation, high efficiency,energy saving, etc.

Technical Specifications

Model	Speed (r/min)	Power (kw-p)	Flow Rate (m^3/h)	Total Pressure (pa)
LWSFM-3A-0.37-1-001	2900	0.37-2	3300	230
LWSFM-3A-0.37-1-002	1450	0.15-4	2000	65
LWSFM-4A-0.37-1-001	2900	1.1-2	8000	400
LWSFM-4A-0.37-1-002	1450	0.55-4	5900	170
LWSFM-5A-0.37-1-001	1450	0.75-4	9400	210
LWSFM-6A-0.37-1-001	1450	2.2-4	18200	300
LWSFM-7A-0.37-1-001	1450	3-4	24500	320
LWSFM-8A-0.37-1-001	1450	4-4	29000	380



Model	Φ1	Φ2	L1	L	G	H2	H1	H	Weight (kg)
LWSFM-3A	370	312	270	271	420	215	290	470	10
LWSFM-4A	470	415	355	337	525	283	356	595	17
LWSFM-5A	570	515	355	350	625	330	423	710	22.3
LWSFM-6A	670	615	480	415	730	402	495	835	30
LWSFM-7A	810	715	595	540	830	480	575	985	39
LWSFM-8A	910	815	620	560	935	530	625	1085	50

LWSFP Portable Safe Axial Fan

Scope of Application and Use

This ventilator features a robust and reliable structural design, ensuring long durability, high insulation performance, and easy mobility.
The ventilation unit is widely applicable for use in tunnels, basements, ships, cabins, welding workshops, and industrial exhaust gas extraction. For duct extension, the custom-sized “additional extension section” can be easily used to extend the “given duct”. The operator simply slides the additional section over the ring at the end of the given duct and ties it securely.



Portable axial fan



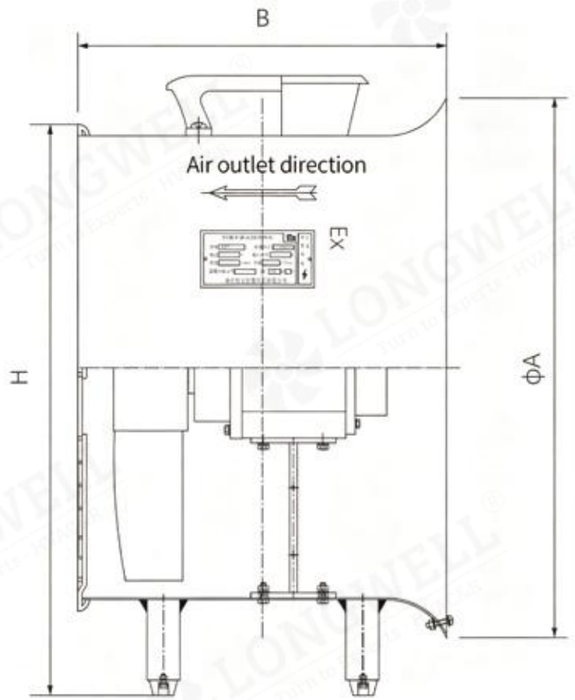
PVC flexible ventilation duct

Technical Specifications

Model	Blade Diameter (mm)	Air Volume (m^3/h)	Static Pressure (pa)	Speed (r/min)	Frequency (Hz)	Power (KW)
LWSFP-2A-0.15-2P-1-001	190	1500-2100	250-420	2800	50/60	0.15
LWSFP-2.5A-0.25-2P-1-001	240	2700-3300	300-450	2800	50/60	0.25
LWSFP-3A-0.37-2P-1-001	290	3720-3300	350-500	2800	50/60	0.37
LWSFP-3.5A-0.55-2P-1-001	340	4840-5840	550-600	2800	50/60	0.55
LWSFP-4A-0.9-2P-1-001	390	5860-6840	750-800	2800	50/60	0.90
LWSFP-5A-0.75-4P-1-001	490	6800-10000	185-200	1450	50/60	0.75

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Overall Mounting Dimensions



Model	A – Air Inlet (mm)	B – Duct Length (mm)	H – Overall Duct Height (mm)	F – Air Outlet (mm)	Duct Inner Diameter (mm)
LWSFP-2A-0.15-2P-1-001	269	345	306	239	210
LWSFP-2.5A-0.25-2P-1-001	329	336	373	292	261
LWSFP-3A-0.37-2P-1-001	365	340	405	333	306
LWSFP-3.5A-0.55-2P-1-001	436	368	471	394	364
LWSFP-4A-0.9-2P-1-001	470	370	511	434	406
LWSFP-5A-0.75-4P-1-001	575	468	628	539	507

LWSFP-EX Explosion-proof Portable Axial Flow Fan

Scope of Application and Use

The flameproof type is suitable for explosive gas atmospheres of Classes IA and IIB, temperature classes T1–T4, such as in chemical, oil refining, shipbuilding and other factories for ventilation and air exchange. The explosion-proof marking is Exd II BT4.



Explosion-proof portable axial fan

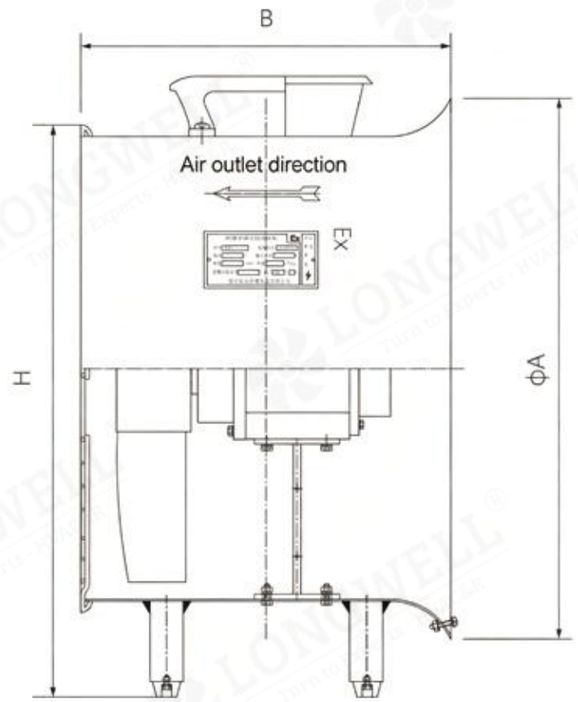


PVC flexible ventilation duct

Technical Specifications

Model	Blade Diameter (mm)	Air Volume (m^3/h)	Static Pressure (pa)	Speed (r/min)	Frequency (Hz)	Power (KW)
LWSFPEX-2A-0.15-2P-1-001	190	1500-2100	250-420	2800	50/60	0.15
LWSFPEX-2.5A-0.25-2P-1-001	240	2700-3300	300-450	2800	50/60	0.25
LWSFPEX-3A-0.37-2P-1-001	290	3720-3300	350-500	2800	50/60	0.37
LWSFPEX-3.5A-0.55-2P-1-001	340	4840-5840	550-600	2800	50/60	0.55
LWSFPEX-4A-0.9-2P-1-001	390	5860-6840	750-800	2800	50/60	0.90
LWSFPEX-5A-0.75-4P-1-001	490	6800-10000	185-200	1450	50/60	0.75

Overall Mounting Dimensions



Model	A – Air Inlet (mm)	B – Duct Length (mm)	H – Overall Duct Height (mm)	F – Air Outlet (mm)	Duct Inner Diameter (mm)
LWSFPEX-2A-0.15-2P-1-001	269	345	306	239	210
LWSFPEX-2.5A-0.25-2P-1-001	329	336	373	292	261
LWSFPEX-3A-0.37-2P-1-001	365	340	405	333	306
LWSFPEX-3.5A-0.55-2P-1-001	436	368	471	394	364
LWSFPEX-4A-0.9-2P-1-001	470	370	511	434	406
LWSFPEX-5A-0.75-4P-1-001	575	468	628	539	507

LWSF Series Low Noise Axial Fan

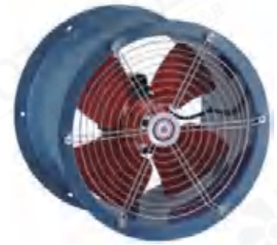
Performance Introduction

Model LWSF Series Low Noise Axial Fan has smooth streamline surface with exceptionally good rigidity, firm paddle-wheel struture, even and flat screen cover elegant and pleasing outline and tones. Model LWSF series fan is divided into pipeline type, wall type, post type four kinds according to the use requirements. It is separated into 14 machine numbers according to the paddle-wheel diameter.

This series product is widely applicable foe the wall type exhaust, post blast, pipeline ventilation in the mining and industrial enterprises, civilpurpose buildings, It can also be used in the working occasions of chemical, light industry, food, medicine, metallurgy, power station, communic actions etc and the storage ventilation airconditioner System.



Fixed feet



Duct

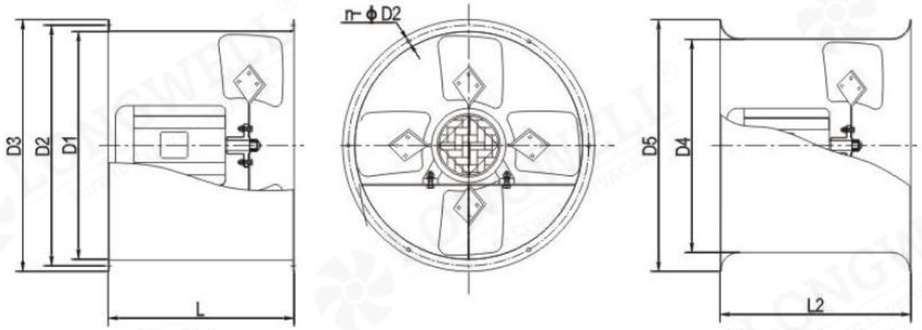


Positionable type

Technical Specifications

Model	Speed (r/min)	Matching Motor (kw-p)	Flow Rate (m^3/h)	Total Pressure (pa)
LWSF-1.5A-0.08-2P-1-001	2900	0.08-2	1000	110
LWSF-2A-0.12-2P-1-001	2900	0.12-2	1300	140
LWSF-2.5A-0.25-2P-1-001	2900	0.25-2	2100	143
LWSF-2.5A-0.09-4P-1-002	1450	0.09-4	1000	35
LWSF-3A-0.37-2P-1-001	2900	0.37-2	3000	230
LWSF-3A-0.12-4P-1-002	1450	0.12-4	2000	59
LWSF-3.5A-0.75-2P-1-001	2900	0.75-2	6000	260
LWSF-3.5A-0.25-4P-1-002	1450	0.25-4	3000	78
LWSF-4A-0.37-4P-1-001	1450	0.37-4	5070	149
LWSF-4A-0.55-4P-1-002	1450	0.55-4	5300	167
LWSF-4A-0.25-6P-1-003	960	0.25-6	4200	90
LWSF-4A-1.5-2P-1-004	2900	1.5-2	1100	320

Model	Speed (r/min)	Matching Motor (kw-p)	Flow Rate (m^3/h)	Total Pressure (pa)
LWSF-4.5A-0.55-4P-1-001	1450	0.55-4	8000	160
LWSF-4.5A-0.25-6P-1-002	960	0.25-6	5300	100
LWSF-5A-0.75-4P-1-001	1450	0.75-4	9300	200
LWSF-5.5A-1.1-4P-1-001	1450	1.1-4	13000	220
LWSF-5.5A-0.55-6P-1-002	960	0.55-6	8500	140
LWSF-6A-1.5-4P-1-001	1450	1.5-4	18700	300
LWSF-6A-2.2-4P-1-002	1450	2.2-4	18700	300
LWSF-6A-1.1-6P-1-003	960	1.1-6	13000	180
LWSF-7A-3-4P-1-001	1450	3-4	24500	350
LWSF-7A-2.2-6P-1-002	960	2.2-6	21500	210
LWSF-8A-4-4P-1-001	1450	4-4	28000	380
LWSF-8A-2.2-6P-1-002	960	2.2-6	25000	230
LWSF-9A-3-6P-1-001	960	3-6	34000	240
LWSF-10A-4-6P-1-001	960	4-6	50000	260



Duct tube　　Workstation duct

Model	D1	D2	D3	L	D4	D5	L2	n-ΦD2	Weight (kg)
LWSF-1.5A	160	/	210	190	/	/	/	/	2
LWSF-2A	210	/	260	205	/	/	/	/	2.5
LWSF-2.5A	260	285	310	236	/	/	/	4-8	4.7
LWSF-3A	312	335	360	256	312	375	265	4-8	6
LWSF-3.5A	360	385	410	300	/	/	/	4-8	8.4
LWSF-4A	415	440	470	330	415	475	345	6-8	12.5
LWSF-4.5A	465	495	525	320	/	/	/	6-8	14.5
LWSF-5A	515	543	570	340	515	575	350	6-8	18
LWSF-5.5A	565	595	625	465	/	/	/	6-8	41
LWSF-6A	615	645	675	465	615	687	470	6-8	48
LWSF-7A	715	745	785	520	715	810	530	6-10	55.5
LWSF-8A	818	852	885	560	818	900	590	6-10	67.8
LWSF-9A	910	950	990	610	910	990	680	12-12	114
LWSF-10A	1010	1050	1090	670	1010	1100	710	12-12	142

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LWSFE Series Low-Noise Axial Flow Fan With Plastic-sealed Motor



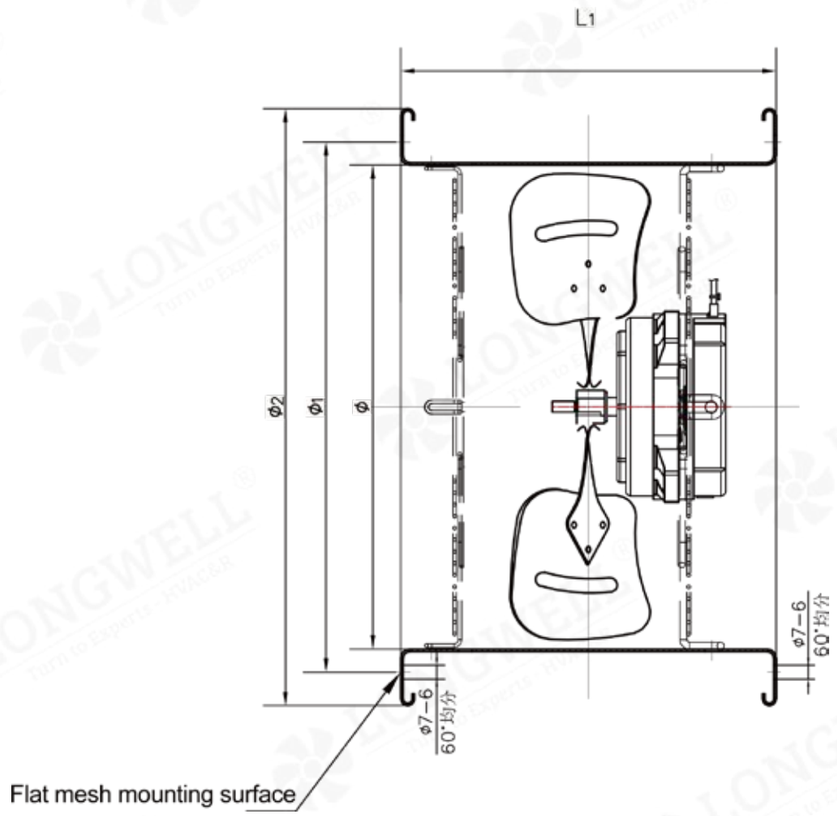


Technical Specifications

Model	Speed (r/min)	Flow Rate (m^3/h)	Air Pressure (pa)	Matching Motor (kw)
LWSFE-2A-0.08-2P-1-001	2900	1000-1300	140	0.08
LWSFE-2.5A-0.1-2P-1-001	2900	1200-2000	200	0.1
LWSFE-3A-0.25-2P-1-001	2900	2000-3000	230	0.25
LWSFE-3A-0.12-4P-1-002	1450	1500-2000	60	0.12
LWSFE-4A-1.1-2P-1-001	2900	6000-11000	320	1.1
LWSFE-4A-1.1-2P-3-002	2900	6000-11000	320	1.1
LWSFE-4A-0.37-4P-1-003	1450	3500-5200	160	0.37
LWSFE-4A-0.37-4P-3-004	1450	3500-5200	160	0.37
LWSFE-5A-0.55-4P-1-001	1450	7000-9500	185	0.55
LWSFE-5A-0.55-4P-3-002	1450	7000-9500	185	0.55
LWSFE-6A-1.5-4P-1-001	1450	12000-18000	280	1.5
LWSFE-6A-1.5-4P-3-002	1450	12000-18000	280	1.5

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Overall Mounting Dimensions



Model	Φ2	Φ1	Φ	L1
LWSFE-2A	255	233	210	167
LWSFE-2.5A	310	288	260	167
LWSFE-3A	358	338	312	208
LWSFE-4A	464	435	415	208
LWSFE-5A	565	538	515	208
LWSFE-6A	655	638	615	268

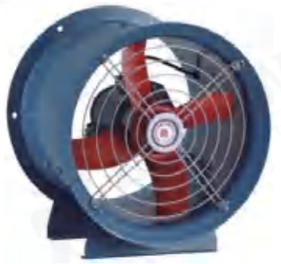
LWAF35-11 High Efficiency Low Noise Axial Fan

Performance Introduction

As a new generation axial fan, the LWAF35-11 axial fan is researched and developed after the analysis and balancing both on domestic LWAF40 product and same product of abroad and have mould-grade trial researched,it is featured of high effciency;low noise, it is widely used in general industrial and mining enterprises, warehouse, offices, domestic buildings for air-exchanging of ventilation and forced heat radiating for warm air.

The LWAF35-11 is explosive-proof type axial fan, uses special explosive -proof mean and YBF type explosive-proof motor.it is widely used in the places where need conveying inflammable and explosive gases. LWAF35-11 is an anti-corrosive axial fan, it can be used to convey the corrosive gas.

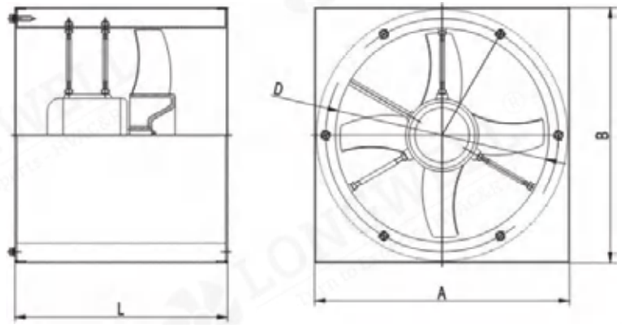




Technical Specifications

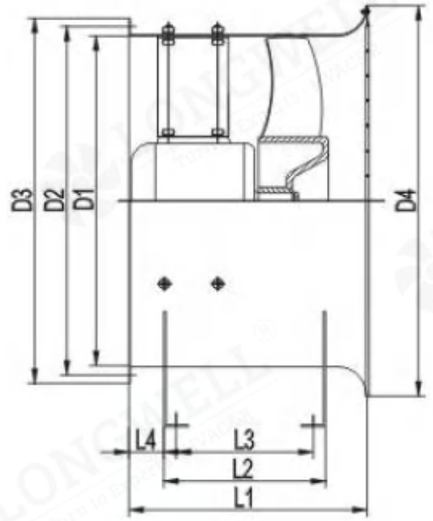
Model	Speed (r/min)	Flow Rate (m³/h)	Total Pressure (pa)	Matching Motor (kw)
LWAF35-11-2.8A-0.25-2P-1-001	2900	2921	186	0.25
LWAF35-11-2.8A-0.09-4P-1-002	1450	1464	48	0.09
LWAF35-11-3.15A-0.37-2P-1-001	2900	4141	237	0.37
LWAF35-11-3.15A-0.12-4P-1-002	1450	2072	59	0.12
LWAF35-11-3.55A-0.75-2P-1-001	2900	5965	300	0.75
LWAF35-11-3.55A-0.18-4P-1-002	1450	2977	75	0.18
LWAF35-11-4A-1.1-2P-1-001	2900	8513	380	1.1
LWAF35-11-4A-0.25-4P-1-002	1450	4263	95	0.25
LWAF35-11-4.5A-0.37-4P-1-001	1450	6070	120	0.37
LWAF35-11-5A-0.55-4P-1-001	1450	8327	149	0.55
LWAF35-11-5A-0.37-6P-1-002	960	5566	64	0.37

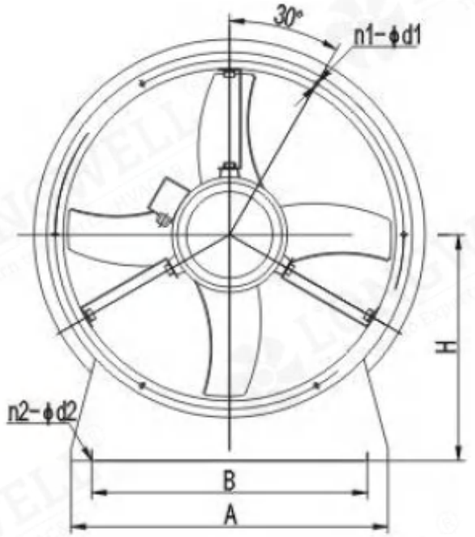
Model	Speed (r/min)	Flow Rate (m^3/h)	Total Pressure (pa)	Matching Motor (kw)
LWAF35-11-5.6A-1.1-4P-1-001	1450	11682	186	1.1
LWAF35-11-5.6A-0.37-6P-1-002	960	7724	81	0.37
LWAF35-11-6.3A-1.5-4P-1-001	1450	16639	236	1.5
LWAF35-11-6.3A-0.75-6P-1-002	960	11016	104	0.75
LWAF35-11-7.1A-3-4P-1-001	1450	23815	300	3.0
LWAF35-11-7.1A-0.75-6P-1-002	960	15766	131	0.75
LWAF35-11-8A-5.5-4P-1-001	1450	34073	380	5.5
LWAF35-11-8A-1.5-6P-1-002	960	22556	167	1.5
LWAF35-11-9A-3-6P-1-001	960	32119	211	3
LWAF35-11-10A-4-6P-1-001	960	44062	261	4
LWAF35-11-11.2A-7.5-6P-1-001	960	61091	337	7.5



Model	D	A	B	L
LWAF35-11-2.8A	293	350	350	295
LWAF35-11-3.15A	328	385	385	305
LWAF35-11-3.55A	369	440	440	340
LWAF35-11-4A	414	480	480	375
LWAF35-11-4.5A	464	540	540	390
LWAF35-11-5A	515	580	580	400
LWAF35-11-5.6A	575	640	640	420
LWAF35-11-6.3A	643	710	710	500
LWAF35-11-7.1A	724	810	810	555
LWAF35-11-8A	813	905	905	555
LWAF35-11-9A	905	1005	1005	645
LWAF35-11-10A	1006	1100	1100	705
LWAF35-11-11.2A	1140	1240	1240	815

Mounting Dimensions





No	D1	D2	D3	n1-Φd1	D4	L1	L2	L3	L4	A	B	H	n2-Φd2	Weight (kg)
2.8	293	320	345	6-Φ10	346	300	230	200	30	250	220	215	4-Φ12	10.9
3.15	328	360	388	6-Φ10	395	300	240	200	30	250	190	238	4-Φ12	11.7
3.55	369	400	430	6-Φ10	450	370	280	250	30	300	240	260	4-Φ12	18
4	414	444	474	6-Φ10	480	370	280	240	30	370	310	287	4-Φ12	18
4.5	464	494	524	6-Φ10	560	380	280	240	30	400	350	323	4-Φ12	20.5
5	515	545	575	6-Φ10	595	440	310	370	30	440	380	335	4-Φ14	34
5.6	575	605	635	6-Φ10	640	420	340	300	/	500	460	395	4-Φ14	42
6.3	643	675	703	6-Φ10	760	490	390	350	/	540	480	415	4-Φ14	53
7.1	724	759	794	8-Φ12	855	580	490	440	/	600	500	465	4-Φ16	71
8	813	848	888	8-Φ12	950	579	475	425	/	660	560	525	4-Φ18	93
9	905	945	985	12-Φ12	1025	648	526	476	/	800	720	555	4-Φ18	140
10	1006	1046	1086	12-Φ12	1135	700	629	569	/	900	800	650	4-Φ18	178
11.2	1140	1180	1220	16-Φ12	1300	810	690	630	/	960	900	730	4-Φ18	247

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LWAF40/LWAF40M Axial Fan

Performance Introduction

Model LWAF40 Axial Fan is applicable for the ventilation, air-exchange, warm air radiation reinforcement in the ordinary factory, war ehouse, office, residence and so on. It can be used as free fan after the removal of the casing. It can implement the interval series connecting installation in the long exhaust pipelines in order to enhance the air pressure in the pipelines. This series product adopts external placement of motor belt transmission (the motor is in the casing) in aspect of structural design according to the user's requirement. The model is LWAF40M. Its performances and parameters are the same as LWAF40 fan. It can also change the rotational speed to fulfill the user's required performance according to the user' s gas or moisture-proof gas demands. Its max function is to exhaust the high-Temperature.



LWAF40 type

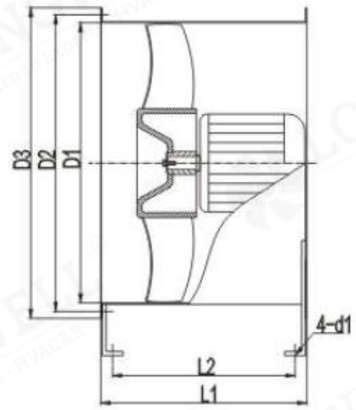


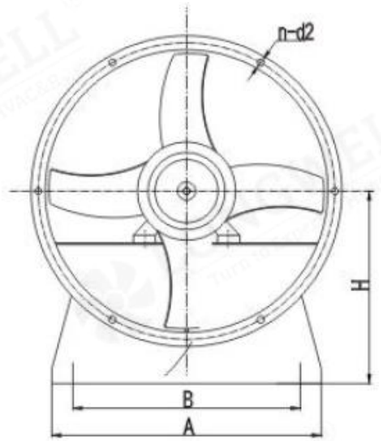
LWAF40M type

Technical Specifications

Model	Blade Angle	Speed (r/min)	Matching Motor (kw-p)	Flow Rate (m^3/h)	Total Pressure (pa)
LWAF40/40M-2.5A-0.18-2P-1-001	30°	2900	0.18-2	2010	152
LWAF40/40M-2.5A-0.09-4P-1-002	30°	1450	0.09-4	1010	38
LWAF40/40M-3A-0.55-2P-1-001	30°	2900	0.55-2	3480	219
LWAF40/40M-3A-0.12-4P-1-002	30°	1450	0.12-4	1740	55
LWAF40/40M-3.5A-0.75-2P-1-001	30°	2900	0.75-2	5520	298
LWAF40/40M-3.5A-0.18-4P-1-002	30°	1450	0.18-4	2760	75
LWAF40/40M-4A-1.5-2P-1-001	30°	2900	1.5-2	8240	390
LWAF40/40M-4A-0.25-4P-1-002	30°	1450	0.25-4	4120	97
LWAF40/40M-5A-0.75-4P-1-001	30°	1450	0.75-4	8050	152
LWAF40/40M-6A-1.5-4P-1-001	30°	1450	1.5-4	13900	219
LWAF40/40M-6A-0.75-6P-1-002	30°	960	0.75-6	9200	96
LWAF40/40M-7A-3-4P-1-001	30°	1450	3.0-4	22100	300
LWAF40/40M-7A-0.75-6P-1-002	30°	960	0.75-6	14600	131
LWAF40/40M-8A-5.5-4P-1-001	30°	1450	5.5-4	33000	389
LWAF40/40M-8A-1.5-6P-1-002	30°	960	1.5-6	21800	171
LWAF40/40M-9A-3-6P-1-001	30°	960	3.0-6	31100	216
LWAF40/40M-10A-5.5-6P-1-001	30°	960	5.5-6	42700	267

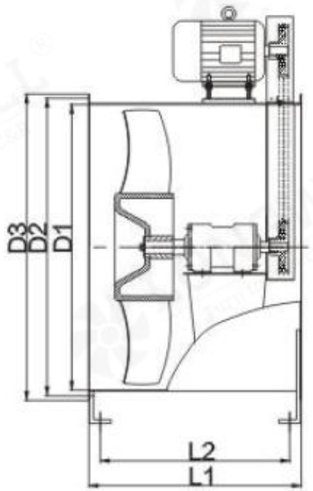
LWAF40 Mounting Dimensions

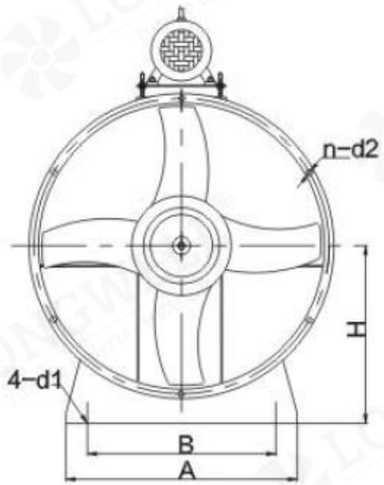




Model	D1	D2	D3	L1	L2	A	B	H	d1	n-d2
LWAF40-2.5A	260	290	320	255	219	240	190	185	10	6-Φ10
LWAF40-3A	310	340	370	255	219	290	240	220	10	6-Φ10
LWAF40-3.5A	360	390	420	360	324	300	240	245	10	6-Φ10
LWAF40-4A	410	440	470	360	324	370	310	280	12	6-Φ10
LWAF40-5A	510	540	570	360	324	440	380	335	12	6-Φ10
LWAF40-6A	610	640	670	480	443	500	430	390	14	6-Φ10
LWAF40-7A	710	745	780	510	465	600	500	450	14	6-Φ10
LWAF40-8A	810	845	880	610	550	660	560	500	18	8-Φ12
LWAF40-9A	910	950	990	640	584	800	700	545	18	12-Φ12
LWAF40-10A	1010	1050	1090	660	600	850	750	630	18	12-Φ12

LWAF40M Mounting Dimensions





Model	D1	D2	D3	L1	L2	A	B	H	d1	n-d2
LWAF40M-2.5A	260	290	320	320	284	240	190	185	10	6-Φ10
LWAF40M-3A	310	340	370	320	284	290	240	220	10	6-Φ10
LWAF40M-3.5A	360	390	420	350	314	300	240	245	10	6-Φ10
LWAF40M-4A	410	440	470	380	344	370	310	280	12	6-Φ10
LWAF40M-5A	510	540	570	500	462	440	380	335	12	6-Φ10
LWAF40M-6A	610	640	670	500	462	500	430	390	14	6-Φ10
LWAF40M-7A	710	745	780	520	475	600	500	450	14	8-Φ12
LWAF40M-8A	810	845	880	620	564	660	560	500	14	8-Φ12
LWAF40M-9A	910	950	990	640	584	800	700	545	18	12-Φ12
LWAF40M-10A	1010	1050	1090	660	600	850	750	630	18	12-Φ12

LWSJG/SJGFR Oblique Flow Pipeline Fan

Performance Introduction

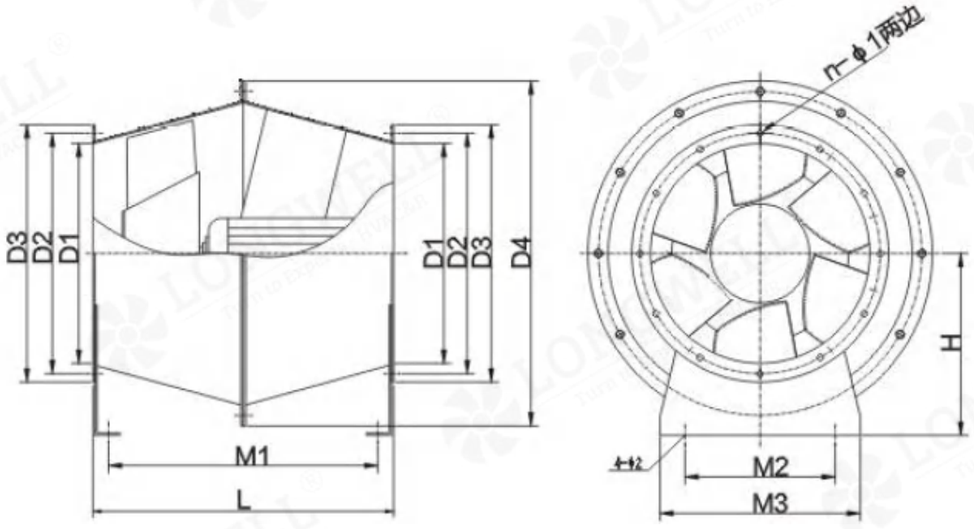


Model LWSJG, LWSJGFR Oblique Flow Pipeline Fan is a novel type. The paddle-wheel is the deformation of axial-flow fan. The air stream is scattering along the blade center it declines to the air-stream direction. Its features are as follows: On condition of the same machine number, its flow is larger than the centrifugal fan; the pitot is higher than the axial-flow fan. Its bulk is smaller than the centrifugal fan. It has advantages such as wide and effective running zone. Low noise, small covering area, easy installation etc. It will not influence the pipeline collocation and trends.It is mostly fit for the strailght pipeline pressurizing and air blast and exhaust. It esp. Display its advantageous compact structure to the narrow-space machine rooms.Model LWSJG, LWSJGFR Series Fans are widely applicable for the ventilated and air-exchange places such as the mining and industrial enterprises, hotels, restaurants, museums, gymnasiums, high-rise buildings etc.

Technical Specifications

Model	Speed (r/min)	Matching Motor (kw-p)	Flow Rate (m^3/h)	Total Pressure (pa)	Noise [dB(A)]
LWSJG/SJGFR-2A-0.09-4P-1-001	1450	0.09-4	725-275	45-103	≤58
LWSJG/SJGFR-2.5A-0.18-4P-1-001	1450	0.18-4	1420-590	76-158	≤60
LWSJG/SJGFR-3A-0.37-4P-1-001	1450	0.37-4	2500-900	100-240	≤61
LWSJG/SJGFR-3.5A-0.18-6P-1-001	960	0.18-6	2760-800	50-140	≤59
LWSJG/SJGFR-3.5A-0.55-4P-1-002	1450	0.55-4	4000-1000	110-320	≤61
LWSJG/SJGFR-4A-0.5-6P-1-001	960	0.5-6	4068-1356	51-190	≤60
LWSJG/SJGFR-4A-1.1-4P-1-002	1450	1.1-4	5910-1500	220-420	≤65
LWSJG/SJGFR-4.5A-0.75-6P-1-001	960	0.75-6	4210-1240	175-280	≤61
LWSJG/SJGFR-4.5A-2.2-4P-1-002	1450	2.2-4	5900-1900	320-610	≤66
LWSJG/SJGFR-5A-0.75-6P-1-001	960	0.75-6	5700-2120	185-330	≤62
LWSJG/SJGFR-5A-3-4P-1-002	1450	3.0-4	7920-3200	440-750	≤69
LWSJG/SJGFR-6A-2.2-6P-1-001	960	2.2-6	9850-3400	280-500	≤65
LWSJG/SJGFR-6A-5.5-4P-1-002	1450	5.5-4	13800-5800	630-1090	≤75
LWSJG/SJGFR-7A-4-6P-1-001	960	4.0-6	14800-4500	400-720	≤73
LWSJG/SJGFR-8A-5.5-6P-1-001	960	5.5-6	23700-9000	440-860	≤74

Mounting Dimensions



Model	D1	D1	D3	D4	M1	M2	M3	L	H	nxΦ1	Φ2	Weight (kg)
LWSJG/SJGFR-2A	200	225	245	375	260	200	240	290	200	6xΦ8	Φ10	12.7
LWSJG/SJGFR-2.5A	250	280	304	450	300	220	260	345	240	6xΦ8	Φ12	19
LWSJG/SJGFR-3A	300	334	364	522	365	220	270	410	270	8xΦ10	Φ12	25
LWSJG/SJGFR-3.5A	350	385	415	555	430	240	320	480	290	8xΦ10	Φ14	35
LWSJG/SJGFR-4A	400	430	460	612	565	280	320	550	330	8xΦ10	Φ14	45
LWSJG/SJGFR-4.5A	450	485	520	690	565	330	410	620	360	12xΦ10	Φ14	62
LWSJG/SJGFR-5A	500	540	580	810	642	350	450	690	410	12xΦ10	Φ14	108
LWSJG/SJGFR-6A	600	640	680	910	765	420	500	825	500	12xΦ12	Φ15	210
LWSJG/SJGFR-7A	700	740	780	1060	735	500	600	800	560	12xΦ12	Φ18	270
LWSJG/SJGFR-8A	800	840	880	1204	1040	580	700	1100	630	12xΦ12	Φ18	318

LWWAF Low Noise Square Wall Axial Fan

Scope of Application and Use



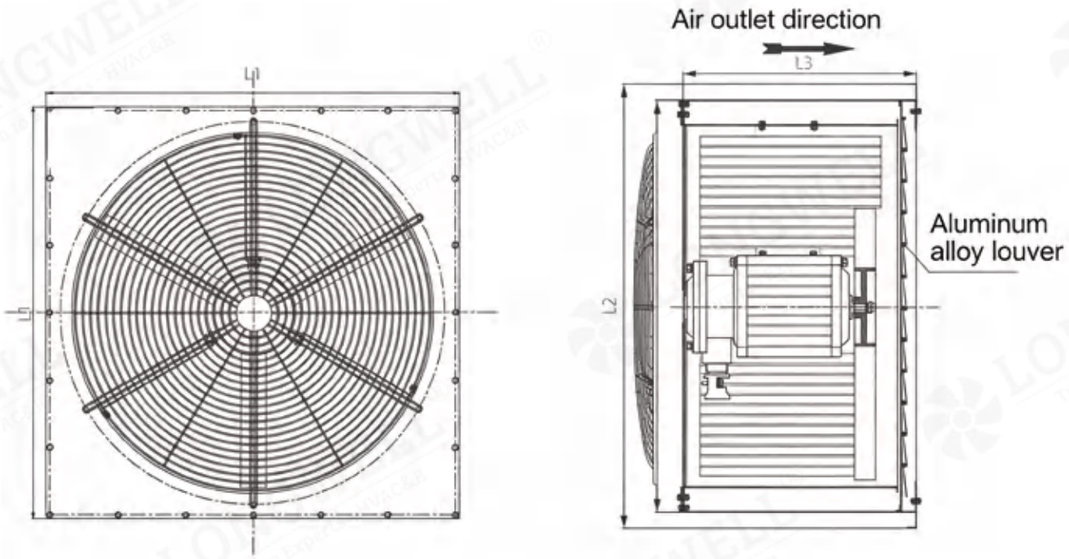
The LWWAF series fans feature high efficiency, low noise, and smooth operation. The impeller is made of aluminum alloy. They are widely used for wall-mounted exhaust ventilation in industrial and mining enterprises, civil buildings, gymnasiums, and various entertainment venues. They also have the following characteristics:

● Attractive appearance and easy installation. The unit is square-shaped. Before installation, a square opening shall be reserved in the wall according to the fan size. During installation, the fan is inserted from the outside of the wall, and rubber or cork is stuffed between the casing and the wall.

● The outdoor side of the fan is equipped with an aluminum alloy weatherproof louver to prevent rainwater and natural wind from entering the room.

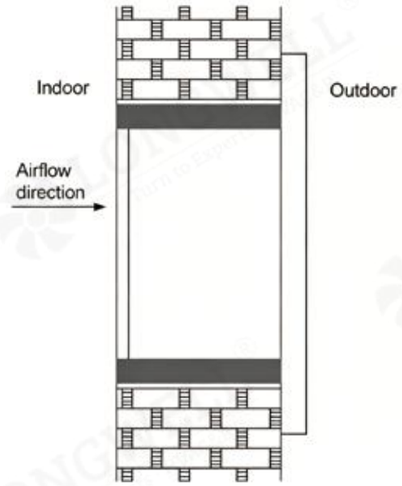
● The fan can be customized with a sound-attenuating casing and sound-absorbing material. The square integral structure ensures firm installation, low vibration, smooth operation, and low noise.

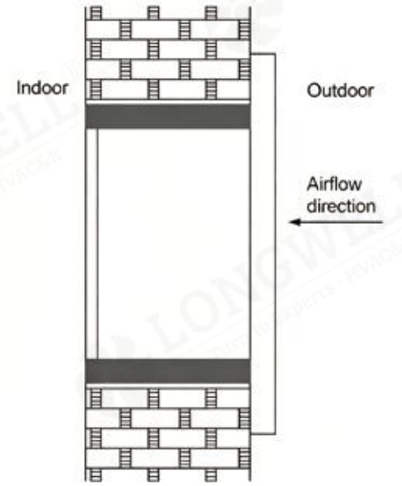
Overall and Mounting Dimensions



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Model	L1 Mounting Frame (±5mm)	L2 Flange Frame (±5mm)	L3 Overall Fan Height (±5mm)
LWWAF-2.5A	340	400	315
LWWAF-2.8A	370	430	315
LWWAF-3.2A	390	450	315
LWWAF-3.6A	430	490	345
LWWAF-4A	475	535	345
LWWAF-4.5A	530	590	365
LWWAF-5A	580	640	365
LWWAF-5.6A	650	710	345
LWWAF-6.3A	690	750	345
LWWAF-7.1A	800	860	445
LWWAF-8A	885	945	545





Technical Specifications

Model	Frame Dimensions	Airflow (m^3/h)	Total Pressure (pa)	Power (KW)	Speed (r/min)	Noise [dB(A)]
LWWAF-2.5A-0.025-4P-1-001	340x340	600	40	0.025	1450	≤57
LWWAF-2.5A-0.025-4P-1-002	340x340	800	42	0.025	1450	≤58
LWWAF-2.5A-0.04-4P-1-003	340x340	1000	64	0.04	1450	≤58
LWWAF-2.8A-0.04-4P-1-001	370x370	950	41	0.04	1450	≤55
LWWAF-2.8A-0.04-4P-1-002	370x370	1230	45	0.04	1450	≤60
LWWAF-2.8A-0.06-4P-1-003	370x370	1650	58	0.06	1450	≤60

Model	Frame Dimensions	Airflow (m^3/h)	Total Pressure (pa)	Power (KW)	Speed (r/min)	Noise [dB(A)]
LWWAF-3.2A-0.04-4P-1-001	390x390	1720	56	0.04	1450	≤61
LWWAF-3.2A-0.06-4P-1-002	390x390	1940	62	0.06	1450	≤62
LWWAF-3.2A-0.09-4P-1-003	390x390	2250	68	0.09	1450	≤63
LWWAF-3.6A-0.06-4P-1-001	430x430	2010	65	0.06	1450	≤62
LWWAF-3.6A-0.09-4P-1-002	430x430	2480	73	0.09	1450	≤63
LWWAF-3.6A-0.12-4P-1-003	430x430	3370	76	0.12	1450	≤63
LWWAF-4A-0.12-4P-1-001	475x475	3540	89	0.12	1450	≤62
LWWAF-4A-0.18-4P-1-002	475x475	4080	95	0.18	1450	≤63
LWWAF-4A-0.25-4P-1-003	475x475	4470	109	0.25	1450	≤63
LWWAF-4.5A-0.18-4P-1-001	530x530	4510	114	0.18	1450	≤64
LWWAF-4.5A-0.25-4P-1-002	530x530	5870	121	0.25	1450	≤65
LWWAF-4.5A-0.37-4P-1-003	530x530	6360	139	0.37	1450	≤66
LWWAF-5A-0.25-4P-1-001	580x580	6170	135	0.25	1450	≤65
LWWAF-5A-0.37-4P-1-002	580x580	6920	142	0.37	1450	≤66
LWWAF-5A-0.55-4P-1-003	580x580	7890	147	0.55	1450	≤68
LWWAF-5.6A-0.37-6P-1-001	650x650	6400	78	0.37	960	≤69
LWWAF-5.6A-0.37-6P-1-002	650x650	7410	82	0.37	960	≤69
LWWAF-5.6A-0.37-6P-1-003	650x650	8060	94	0.37	960	≤70
LWWAF-6.3A-0.37-6P-1-001	690x690	9760	92	0.37	960	≤70
LWWAF-6.3A-0.37-6P-1-002	690x690	10570	102	0.37	960	≤70
LWWAF-6.3A-0.75-6P-1-003	690x690	12000	118	0.75	960	≤72
LWWAF-7.1A-0.75-6P-1-001	800x800	12400	132	0.75	960	≤72
LWWAF-7.1A-1.1-6P-1-002	800x800	13430	146	1.1	960	≤75
LWWAF-7.1A-1.1-6P-1-003	800x800	15240	169	1.1	960	≤73
LWWAF-8A-1.5-6P-1-001	885x885	15750	189	1.5	960	≤73
LWWAF-8A-1.5-6P-1-002	885x885	17050	208	1.5	960	≤73
LWWAF-8A-2.2-6P-1-003	885x885	/	242	2.2	960	≤74

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LWWEX-IR Series Side Wall Ventilation and Exhaust Fans



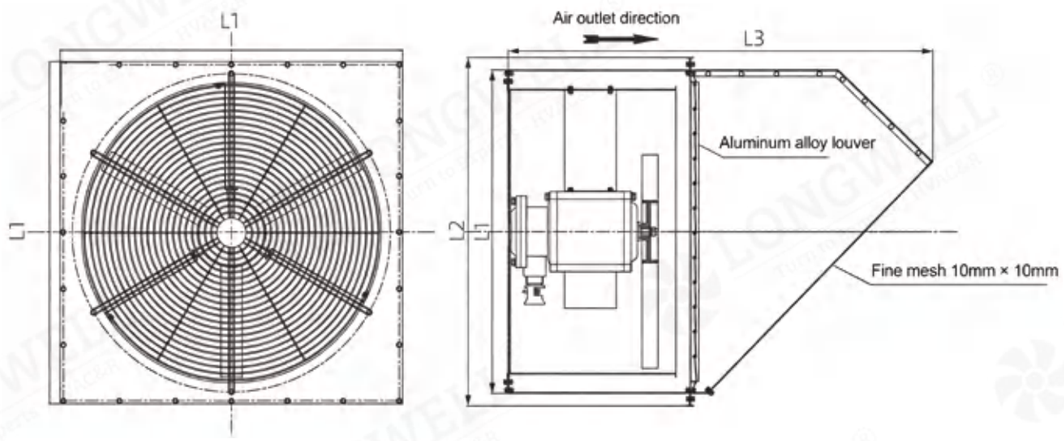
Scope of Application and Use

LWWEX-IR Series side wall ventilation and exhaust fans, adopts advanced forward-swept blades and is directly driven by a low-noise dedicated fan motor. The square casing design allows easy installation on concrete walls, brick walls, or light-gauge steel profiled panels. The square rain cover features a robust structure and an attractive appearance.With advantages such as low noise, high airflow, reliable operation, a wide range of performance parameters, and simple installation, the fan is widely used for wall-mounted ventilation in industrial and mining enterprises, as well as in civil and commercial building projects. Depending on the medium to be handled, the fan can be manufactured in corrosion-resistant or explosion-proof versions.

LWWEX-IR series fans are generally used for wall exhaust, equipped with a 45° rain cover(or specially made as 60°) and an insect screen (which prevents insects from entering the work-shop following light at night). They can also be made as wall supply fans, provided with a 90° rain cover (for protection against wind, rain, and dust) and an insect screen.

Fan accessory: gravity non-return damper, commonly called a louver (ensures that the workshop is isolated from the outside when the fan is not running).

Overall and Mounting Dimensions



Model	L1 Mounting Frame (±5mm)	L2 Flange Frame (±5mm)	L3 Overall Fan Height (±5mm)
LWWEX-IR-2.5A	340	400	561
LWWEX-IR-3A	370	430	582
LWWEX-IR-3.5A	430	490	654
LWWEX-IR-4A	475	535	734
LWWEX-IR-4.5A	530	590	805
LWWEX-IR-5A	580	640	856
LWWEX-IR-5.5A	650	710	981
LWWEX-IR-6A	690	750	1023
LWWEX-IR-6.5A	740	800	1074
LWWEX-IR-7A	800	860	1135
LWWEX-IR-7.5A	840	900	1184
LWWEX-IR-8A	885	945	1244
LWWEX-IR-9A	1030	1150	1423

Technical Specifications

Model	Airflow (m^3/h)	Static Pressure (pa)	Motor Power (KW)	Speed (r/min)	Voltage (V)
LWWEX-IR-2.5A-0.09-4P-3-001	1500	40	0.09	1420	380
LWWEX-IR-2.5A-0.09-4P-1-001	1500	40	0.09	1400	220
LWWEX-IR-3A-0.18-4P-3-001	1800	60	0.18	1400	380
LWWEX-IR-3A-0.18-4P-1-001	1600	60	0.18	1380	220
LWWEX-IR-3.5A-0.25-4P-3-001	3000	80	0.25	1380	380
LWWEX-IR-3.5A-0.25-4P-1-001	2800	80	0.25	1360	220
LWWEX-IR-4A-0.37-4P-3-001	5200	140	0.37	1400	380
LWWEX-IR-4A-0.37-4P-1-001	5000	140	0.37	1400	220
LWWEX-IR-4.5A-0.55-4P-3-001	7800	160	0.55	1400	380
LWWEX-IR-4.5A-0.55-4P-1-001	6300	160	0.55	1400	220
LWWEX-IR-5A-0.75-4P-3-001	9200	200	0.75	1450	380
LWWEX-IR-5A-0.75-4P-1-001	9000	200	0.75	1450	220
LWWEX-IR-5A-0.25-6P-3-001	7600	80	0.25	960	380
LWWEX-IR-5.5A-1.1-4P-3-001	13000	230	1.1	1450	380
LWWEX-IR-5.5A-1.1-4P-1-001	13000	230	1.1	1450	220
LWWEX-IR-5.5A-0.37-6P-3-001	9000	100	0.37	960	380
LWWEX-IR-6A-1.5-4P-3-001	18000	280	1.5	1450	380

Model	Airflow (m³/h)	Static Pressure (pa)	Motor Power (KW)	Speed (r/min)	Voltage (V)
LWWEX-IR-6A-0.55-6P-3-001	12000	120	0.55	960	380
LWWEX-IR-6.5A-0.75-6P-3-001	16500	150	0.75	960	380
LWWEX-IR-7A-1.1-6P-3-001	19000	180	1.1	960	380
LWWEX-IR-7.5A-1.5-6P-3-001	22500	210	1.5	960	380
LWWEX-IR-8A-2.2-6P-3-001	25000	230	2.2	960	380
LWWEX-IR-9A-3-6P-3-001	34000	260	3	960	380

LWWEX-OR Series External Rotor Corner Exhaust Fan



Performance Overview

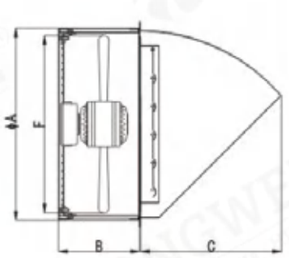
LWWEX-OR series axial fans adopt advanced forward-swept vane,low-noise extemal rotor or motor direct drive for inner rotor axial fans. The square shell design can be easily installed on concrete walls, brick walls or light steel pressure wall panels.The rain cover has a firm structure and beautiful appearance. It is low noise, large air volume, reliable operation, wide range of performance parameters, and easy installation, it is widely used in the side wall type ventilation of factories and mines and civil and commercial construction projects. According to the requirements of the transmission medium, it can be made anticorrosion type, explosion-proof type.

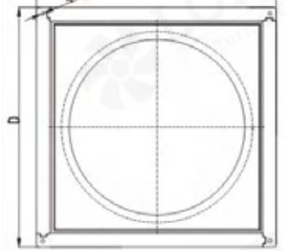
LWWEX-OR series axial fans are generally used for side wall exhaust, equipped with 45° rain cover (or 60°specially made), insect net (To prevent insects from flying into the workshop at night), gravity check valve (It can be make sure that the workshop remains isolated from the outdoors when the fan is not on).

Technical Specifications

Model	Voltage (V)	Power (W)	Speed (r/min)	Air Volume (m³/h)	Total Pressure (pa)	Noise [dB(A)]
LWWEX-OR-2A-0.07-2P-1-001	220	70	2650	1080	180	57
LWWEX-OR-2.5A-0.155-2P-1-001	220	155	2650	2100	200	65
LWWEX-OR-3A-0.18-2P-1-001	220	180	2550	3300	260	67
LWWEX-OR-3A-0.14-2P-3-001	380	140	2550	3300	260	67

Model	Voltage (V)	Power (W)	Speed (r/min)	Air Volume (m³/h)	Total Pressure (pa)	Noise [dB(A)]
LWWEX-OR-3A-0.075-4P-1-001	220	75	1400	2200	110	61
LWWEX-OR-3A-0.0.08-4P-3-001	380	80	1400	2200	110	61
LWWEX-OR-3.5A-0.42-2P-1-001	220	420	2350	4850	285	72
LWWEX-OR-3.5A-0.42-2P-3-001	380	420	2350	4850	285	73
LWWEX-OR-3.5A-0.11-4P-1-001	220	110	1400	3270	140	65
LWWEX-OR-3.5A-0.12-4P-3-001	380	120	1400	3270	140	65
LWWEX-OR-4A-0.19-4P-1-001	220	190	1420	4800	150	68
LWWEX-OR-4A-0.18-4P-3-001	380	180	1400	4800	150	68
LWWEX-OR-4.5A-0.28-4P-1-001	220	280	1450	5410	160	73
LWWEX-OR-4.5A-0.21-4P-3-001	380	210	1450	5410	160	73
LWWEX-OR-5A-0.37-4P-1-001	220	370	1400	8850	200	74
LWWEX-OR-5A-0.36-4P-3-001	380	360	1350	8850	200	74
LWWEX-OR-5.5A-0.5-4P-1-001	220	500	1450	10800	230	76
LWWEX-OR-5.5A-0.45-4P-3-001	380	450	1450	10800	230	76
LWWEX-OR-6A-0.75-4P-1-001	220	750	1400	13000	270	78
LWWEX-OR-6A-0.68-4P-3-001	380	680	1400	13000	260	78





Model	A	B	C	D	E	F	Weight (kg)
LWWEX-OR-2A	271	200	206	331	4-Φ8	Φ200	13
LWWEX-OR-2.5A	321	200	242	381	4-Φ8	Φ250	16.6
LWWEX-OR-3A	341	200	256	401	4-Φ8	Φ300	18
LWWEX-OR-3.5A	411	200	306	471	4-Φ8	Φ350	23
LWWEX-OR-4A	481	200	357	541	4-Φ8	Φ400	27.7
LWWEX-OR-4.5A	551	200	405	611	4-Φ8	Φ450	33
LWWEX-OR-5A	591	200	433	651	4-Φ8	Φ500	39
LWWEX-OR-5.5A	621	200	455	681	4-Φ8	Φ550	45
LWWEX-OR-6A	671	200	490	731	4-Φ8	Φ600	52