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

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CE RoHS ETL BSCI ISO EAC UL LVD

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LONGWELL TECHNOLOGY

The Ventilation and Drive Technology Partner for Mission-Critical Environments

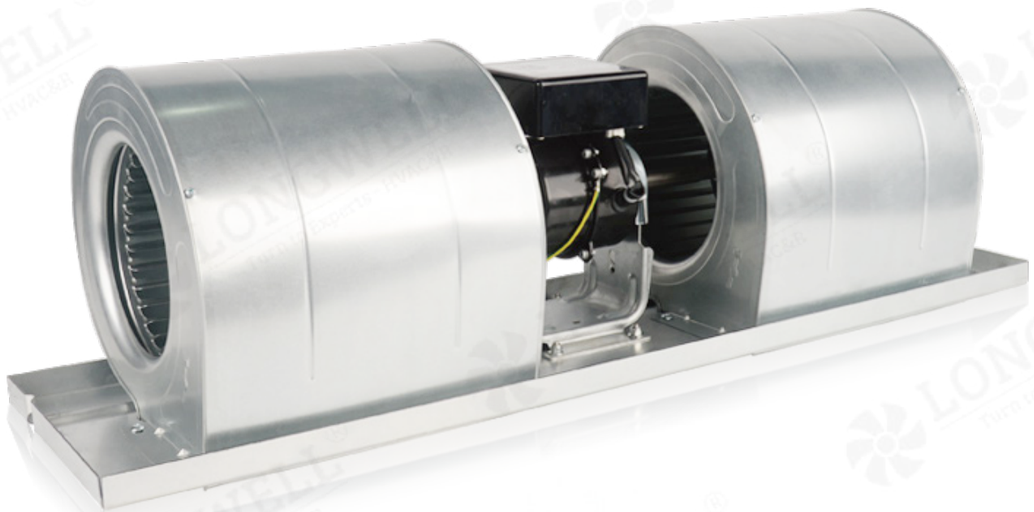


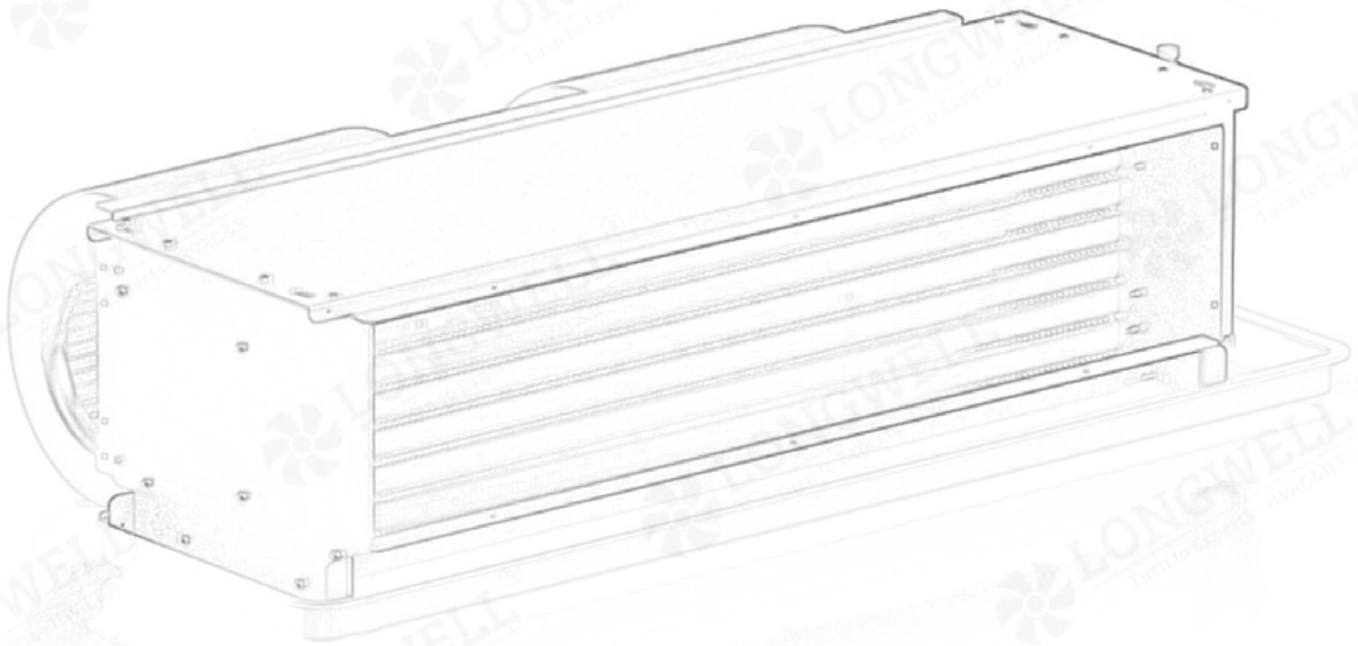
Professional Manufacturer of HVACR Fan & Motors

—— Fan-Coil Units

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.

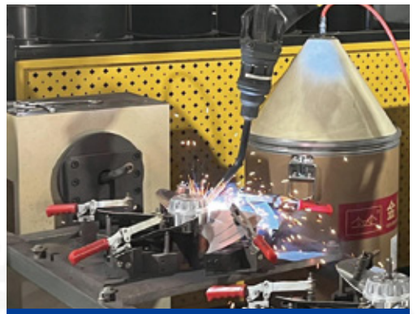
At LONGWELL, innovation is at the core of our operations, driving continuous improvement. With our extensive experience and expertise, we can quickly customize solutions that meet customer needs. We emphasize technological sophistication, utilizing advanced technologies and high-performance materials 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.

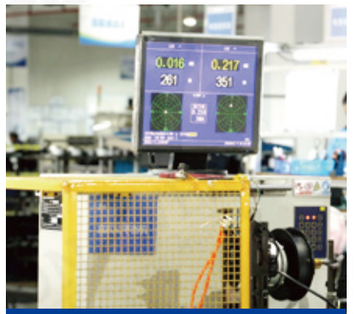
LONGWELL looks forward to collaborating with you and providing high-quality customized fan and motor solutions. Please feel free to contact us as we work together to create a brighter future.

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

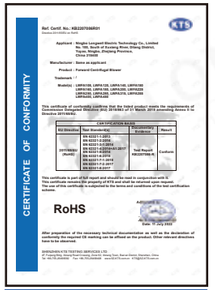

Own-Brand


Own-Brand


ETL


ETL

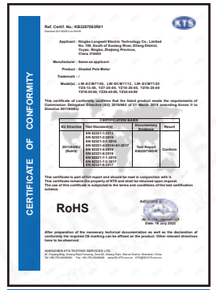

CE


RoHS


CE


CE


CE


RoHS


ETL


ETL


ETL


CE


CE

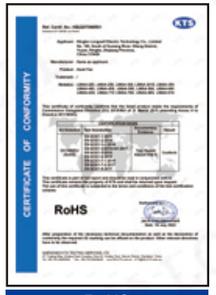

ISO 9001


ISO 9001


RoHS


RoHS


RoHS


RoHS


RoHS


CE


CE


CE

Type Code

LW FC - EC 200 S - 01 L

- L-Low pressure
  M-Medium pressure
  H-High pressure
- Series number
- S-230V U-115V
- Air volume(CFM)
- A-AC D-DC E-EC
- FC- Fan-coil units
- Longwell

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AC Fan-Coil Units

Professional HVAC Fan &Motors Manufacturer



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LWFC-AC200 Series

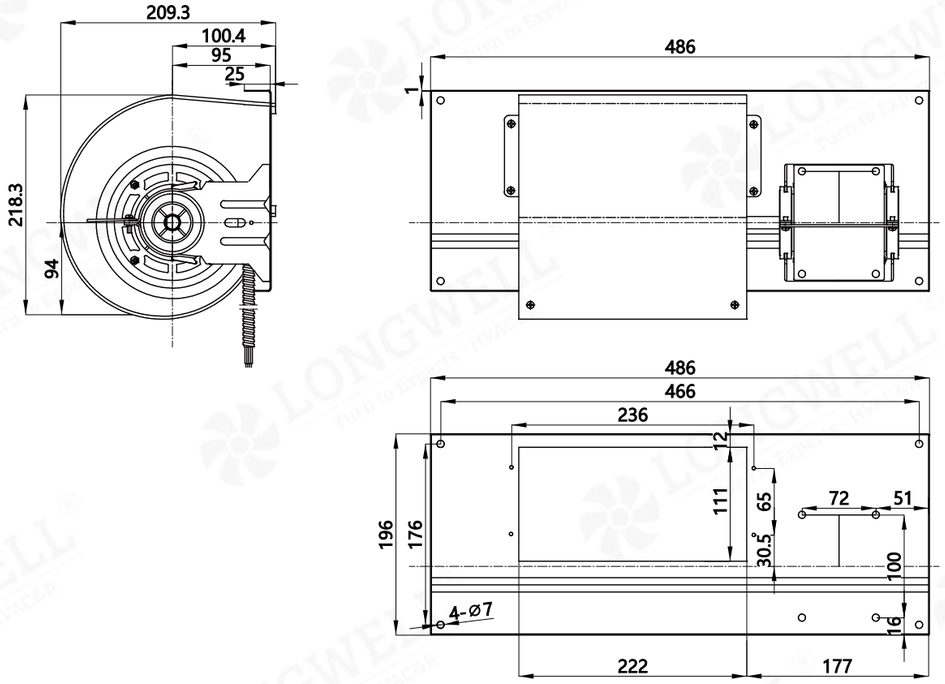
Product Characteristic



- Motor Type: AC Motor
- Material: Galvanised sheet steel
- Operation mode: S1
- Mounting position: Any position
- Amb.Temp: -25℃～+60℃
- Bearings: Maintenance-free ball bearings
- Application: Central Air-Conditioning Unit, Ventilation Equipments, etc
- Protection: Blocked rotation, thermal protection, high and low pressure protection

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m^3/h)	Pressure (Pa)
LWFC-AC200S-01L	220	50	/	8	340	12
LWFC-AC200S-01M	220	50	/	10	340	30
LWFC-AC200S-01H	220	50	/	16	340	50



LWFC-AC300 Series

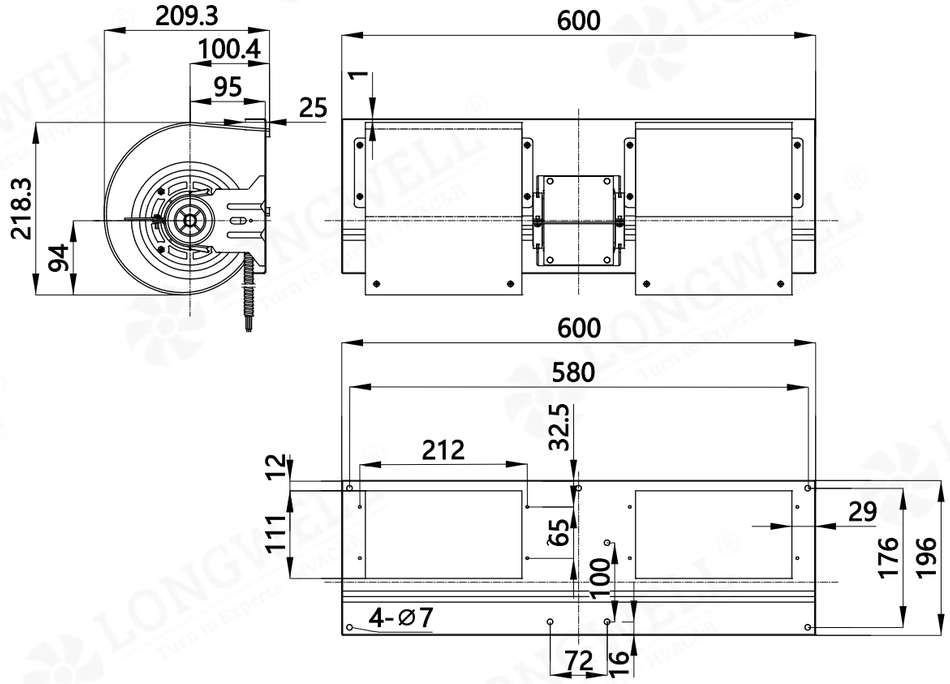
Product Characteristic



- Motor Type: AC Motor
- Material: Galvanised sheet steel
- Operation mode: S1
- Mounting position: Any position
- Amb.Temp: -25℃～+60℃
- Bearings: Maintenance-free ball bearings
- Application: Central Air-Conditioning Unit, Ventilation Equipments, etc
- Protection: Blocked rotation, thermal protection, high and low pressure protection

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m^3/h)	Pressure (Pa)
LWFC-AC300S-01L	220	50	/	10	510	12
LWFC-AC300S-01M	220	50	/	16	510	30
LWFC-AC300S-01H	220	50	/	25	510	50



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LWFC-AC400 Series

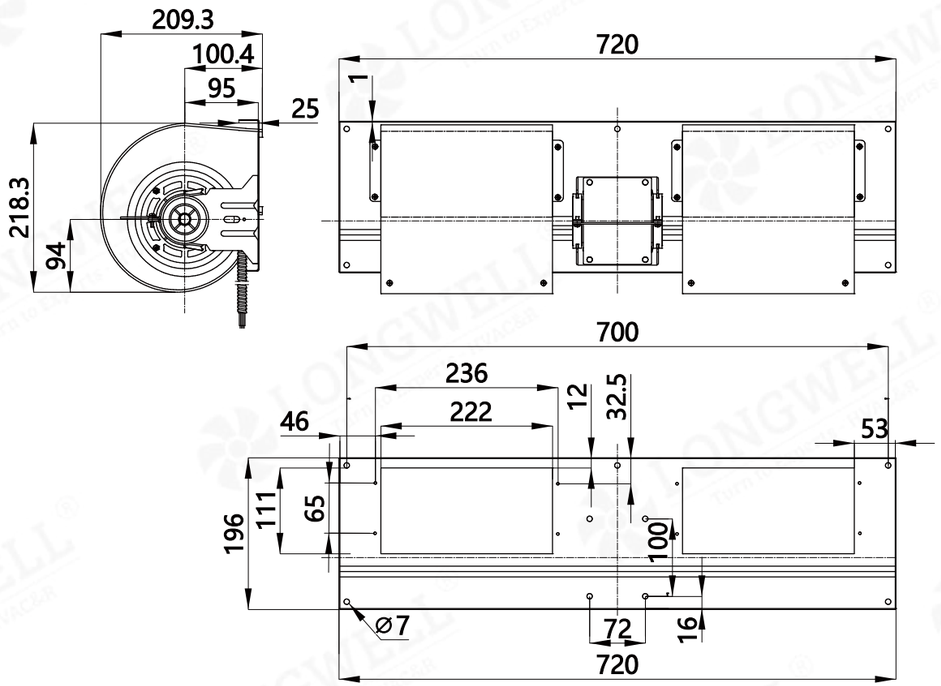
Product Characteristic



- Motor Type: AC Motor
- Material: Galvanised sheet steel
- Operation mode: S1
- Mounting position: Any position
- Amb.Temp: -25℃～+60℃
- Bearings: Maintenance-free ball bearings
- Application: Central Air-Conditioning Unit, Ventilation Equipments, etc
- Protection: Blocked rotation, thermal protection, high and low pressure protection

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m^3/h)	Pressure (Pa)
LWFC-AC400S-01L	220	50	/	16	680	12
LWFC-AC400S-01M	220	50	/	20	680	30
LWFC-AC400S-01H	220	50	/	30	680	50



LWFC-AC500 Series

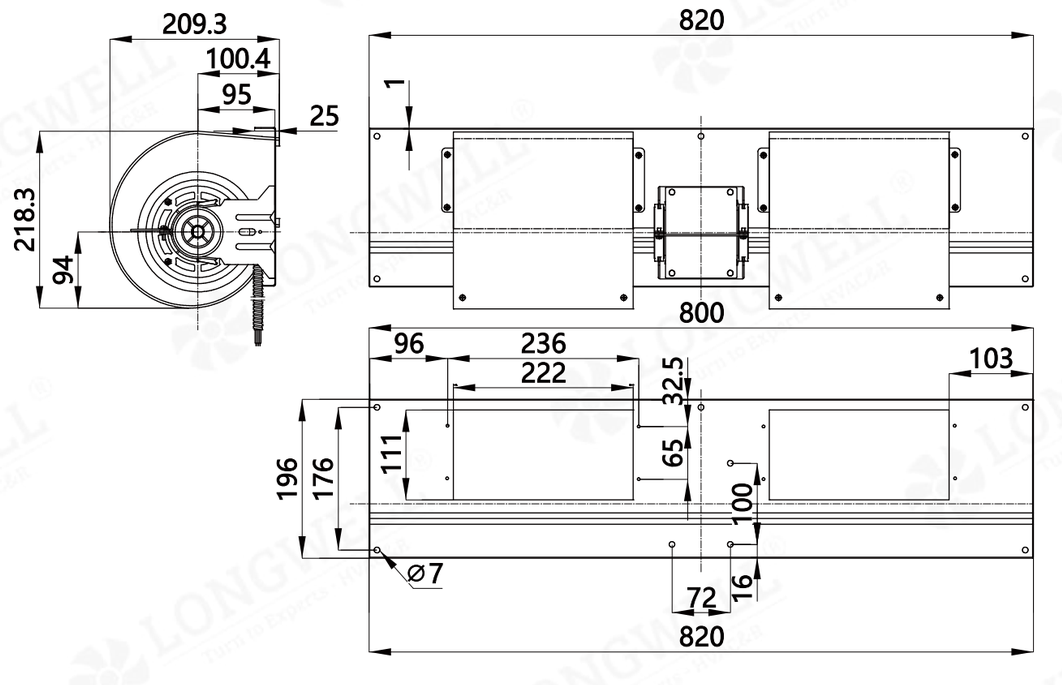
Product Characteristic



- Motor Type: AC Motor
- Material: Galvanised sheet steel
- Operation mode: S1
- Mounting position: Any position
- Amb.Temp: -25℃～+60℃
- Bearings: Maintenance-free ball bearings
- Application: Central Air-Conditioning Unit, Ventilation Equipments, etc
- Protection: Blocked rotation, thermal protection, high and low pressure protection

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m^3/h)	Pressure (Pa)
LWFC-AC500S-01L	220	50	/	25	850	12
LWFC-AC500S-01M	220	50	/	35	850	30
LWFC-AC500S-01H	220	50	/	40	850	50



LWFC-AC600 Series

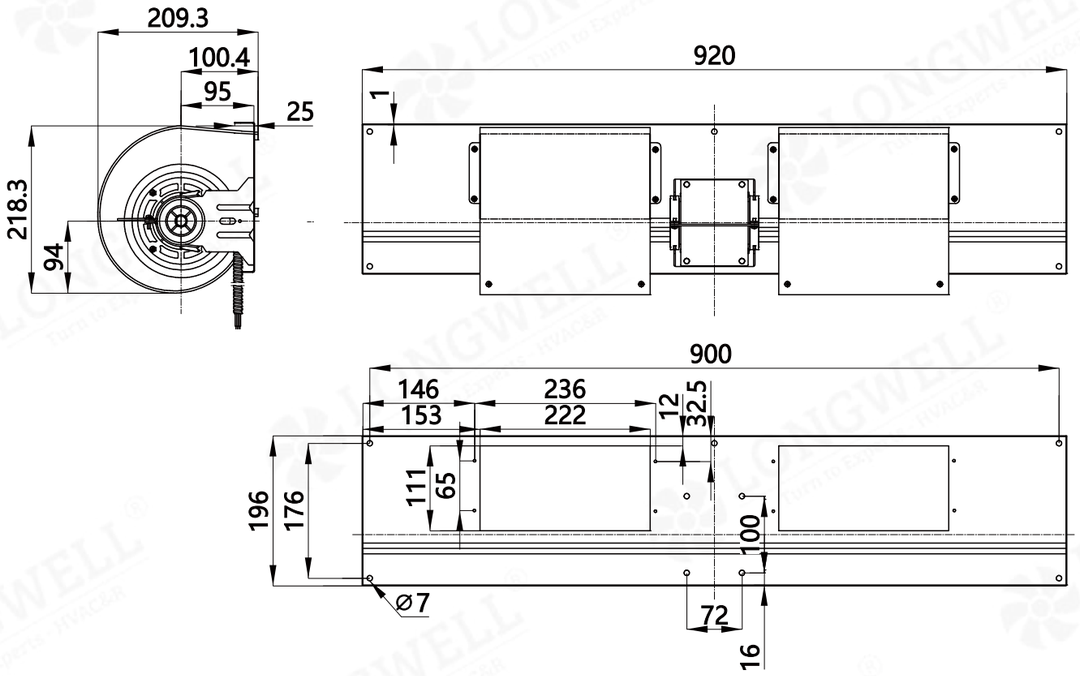
Product Characteristic



- Motor Type: AC Motor
- Material: Galvanised sheet steel
- Operation mode: S1
- Mounting position: Any position
- Amb.Temp: -25℃～+60℃
- Bearings: Maintenance-free ball bearings
- Application: Central Air-Conditioning Unit, Ventilation Equipments, etc
- Protection: Blocked rotation, thermal protection, high and low pressure protection

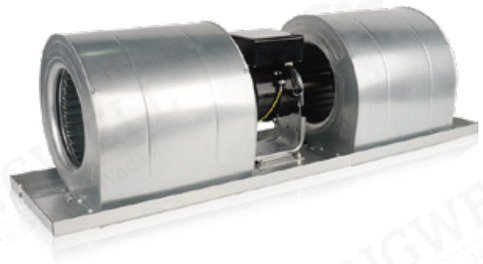
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m^3/h)	Pressure (Pa)
LWFC-AC600S-01L	220	50	/	35	1020	12
LWFC-AC600S-01M	220	50	/	50	1020	30
LWFC-AC600S-01H	220	50	/	60	1020	50



LWFC-AC800 Series

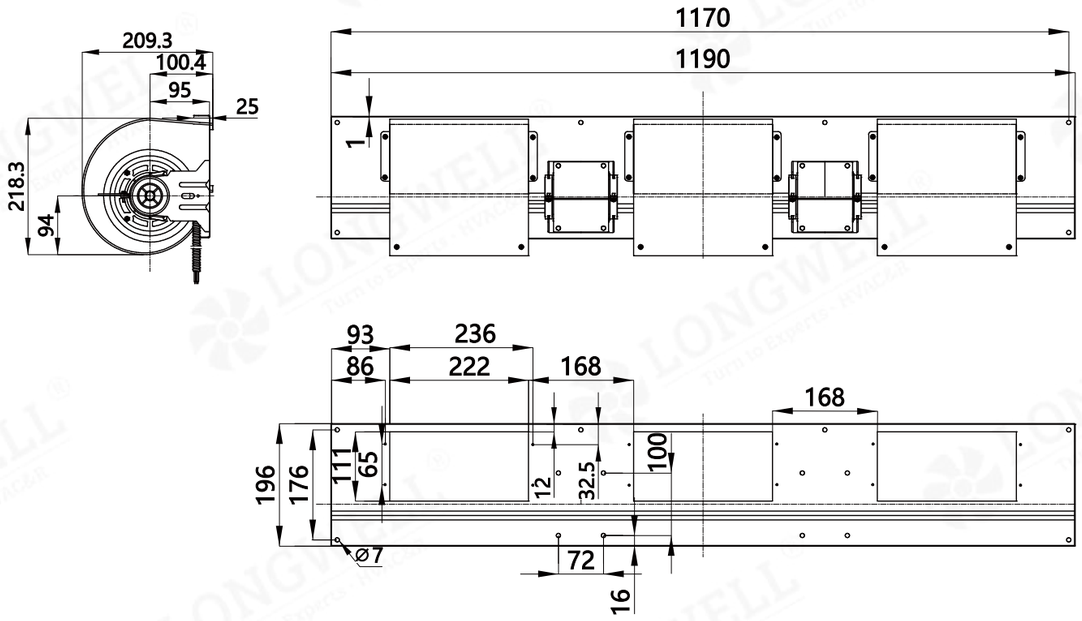
Product Characteristic



- Motor Type: AC Motor
- Material: Galvanised sheet steel
- Operation mode: S1
- Mounting position: Any position
- Amb.Temp: -25℃～+60℃
- Bearings: Maintenance-free ball bearings
- Application: Central Air-Conditioning Unit, Ventilation Equipments, etc
- Protection: Blocked rotation, thermal protection, high and low pressure protection

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m^3/h)	Pressure (Pa)
LWFC-AC800S-01L	220	50	/	41	1360	12
LWFC-AC800S-01M	220	50	/	55	1360	30
LWFC-AC800S-01H	220	50	/	75	1360	50



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LWFC-AC1000 Series

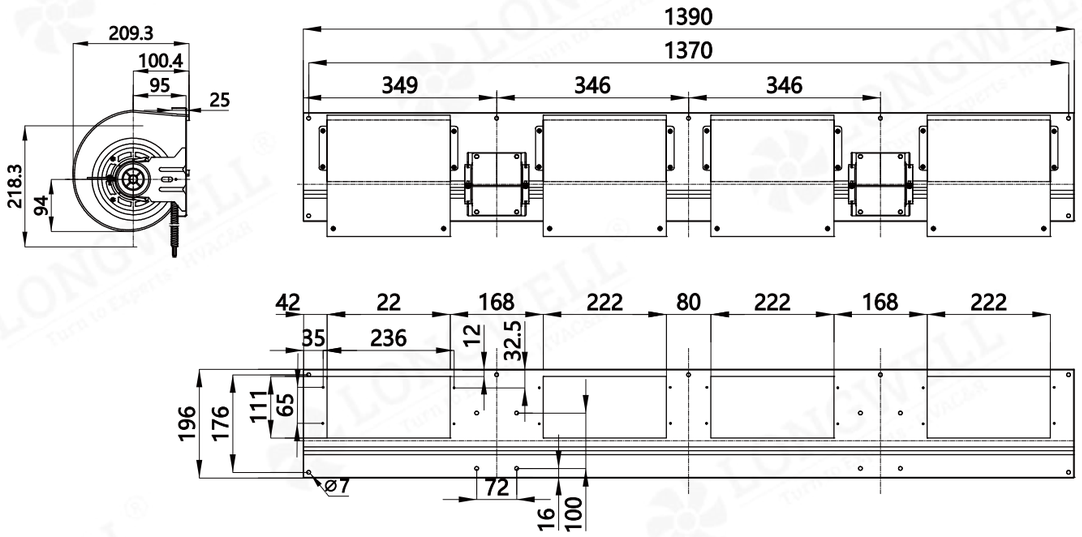
Product Characteristic



- Motor Type: AC Motor
- Material: Galvanised sheet steel
- Operation mode: S1
- Mounting position: Any position
- Amb.Temp: -25℃～+60℃
- Bearings: Maintenance-free ball bearings
- Application: Central Air-Conditioning Unit, Ventilation Equipments, etc
- Protection: Blocked rotation, thermal protection, high and low pressure protection

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m³/h)	Pressure (Pa)
LWFC-AC1000S-01L	220	50	/	50	1700	12
LWFC-AC1000S-01M	220	50	/	70	1700	30
LWFC-AC1000S-01H	220	50	/	80	1700	50



LWFC-AC1200 Series

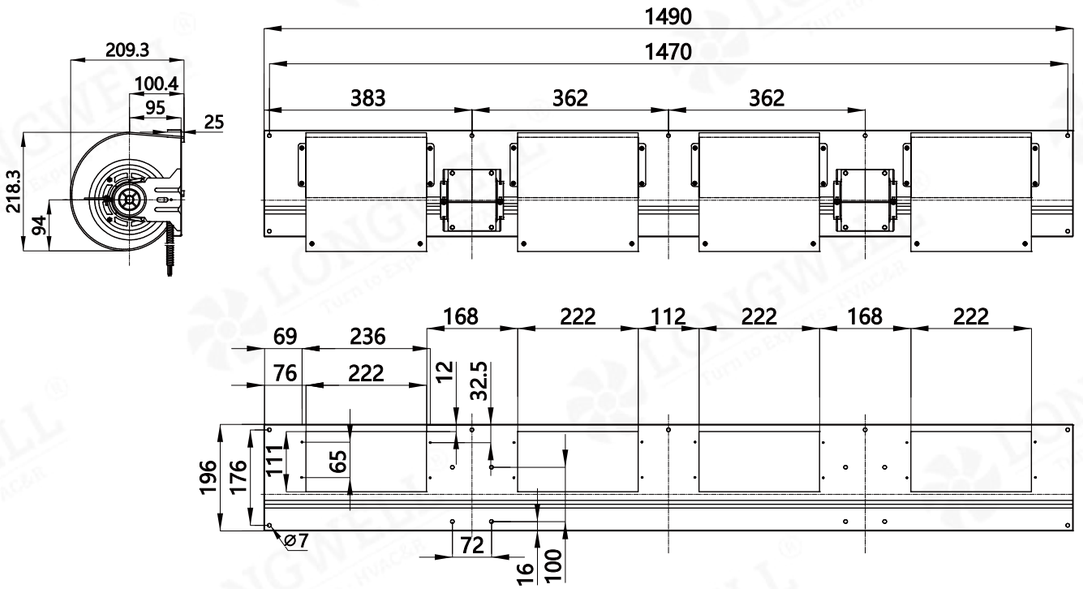
Product Characteristic



- Motor Type: AC Motor
- Material: Galvanised sheet steel
- Operation mode: S1
- Mounting position: Any position
- Amb.Temp: -25℃～+60℃
- Bearings: Maintenance-free ball bearings
- Application: Central Air-Conditioning Unit, Ventilation Equipments, etc
- Protection: Blocked rotation, thermal protection, high and low pressure protection

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m³/h)	Pressure (Pa)
LWFC-AC1200S-01L	220	50	/	70	2040	12
LWFC-AC1200S-01M	220	50	/	100	2040	30
LWFC-AC1200S-01H	220	50	/	120	2040	50



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LWFC-AC1400 Series

Product Characteristic



- Motor Type: AC Motor
- Material: Galvanised sheet steel
- Operation mode: S1
- Mounting position: Any position
- Amb.Temp: -25℃～+60℃
- Bearings: Maintenance-free ball bearings
- Application: Central Air-Conditioning Unit, Ventilation Equipments, etc
- Protection: Blocked rotation, thermal protection, high and low pressure protection

Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m³/h)	Pressure (Pa)
LWFC-AC1400S-01L	220	50	/	100	2380	12
LWFC-AC1400S-01M	220	50	/	120	2380	30
LWFC-AC1400S-01H	220	50	/	160	2380	50

