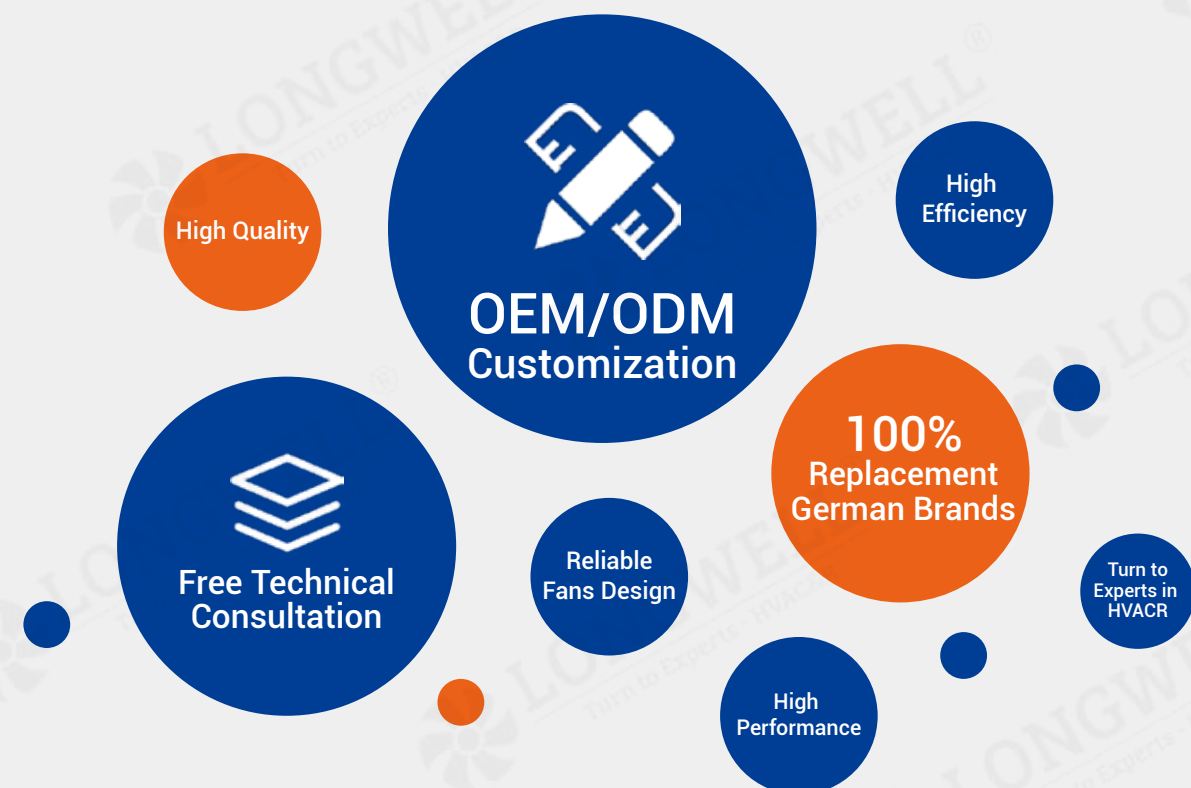


Delivery Premium Quality Fans Globally for Healthier Breathing

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 | www.longwell-group.com | www.longwell-media.com

Email: sales@zjlongwell.com



Professional HVAC Fan & Motors Manufacturer

—— Fan-Coil Units

Ningbo Longwell Electric Technology Co., Ltd

CATALOGUE

01-02

About Longwell

03-04

Testing and Standards

05

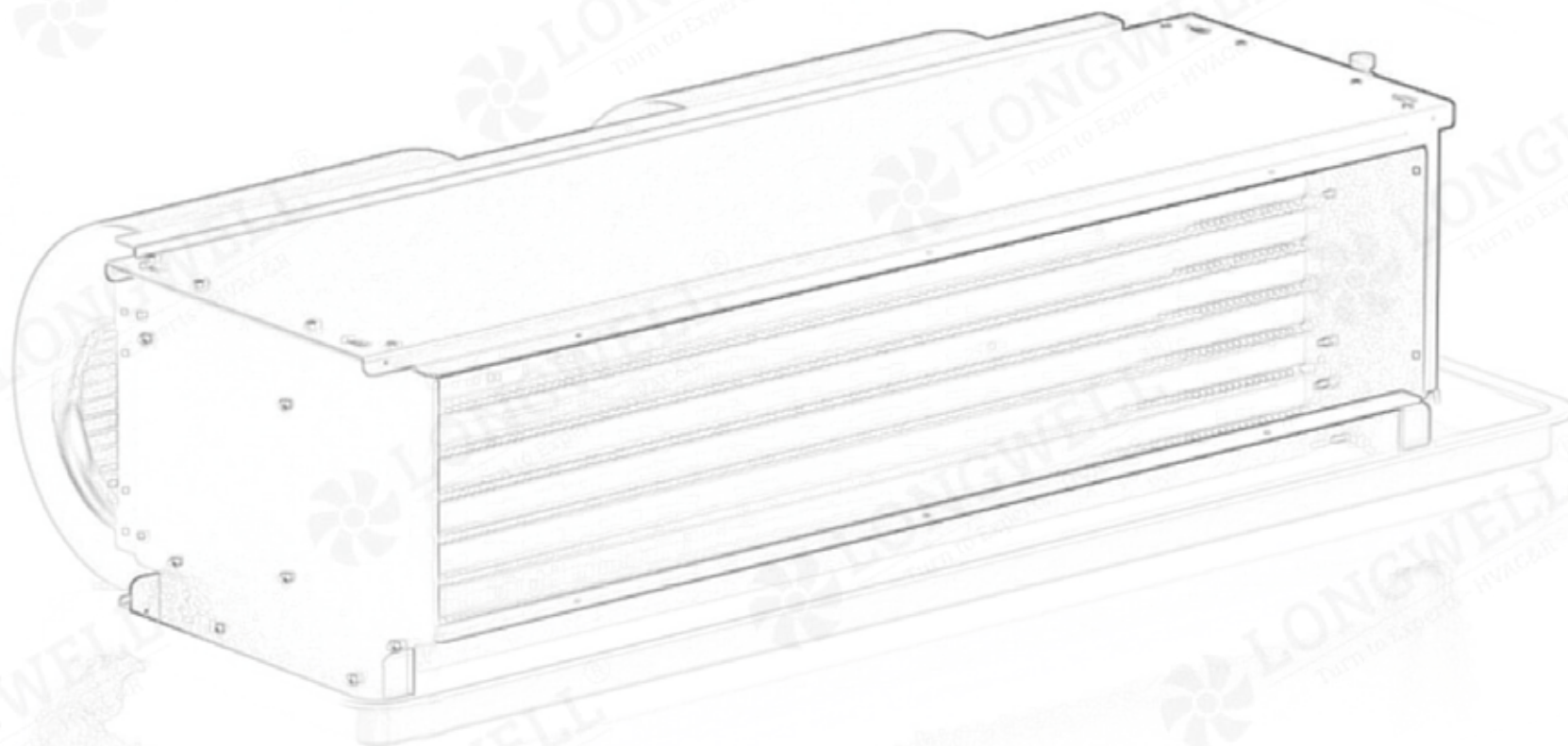
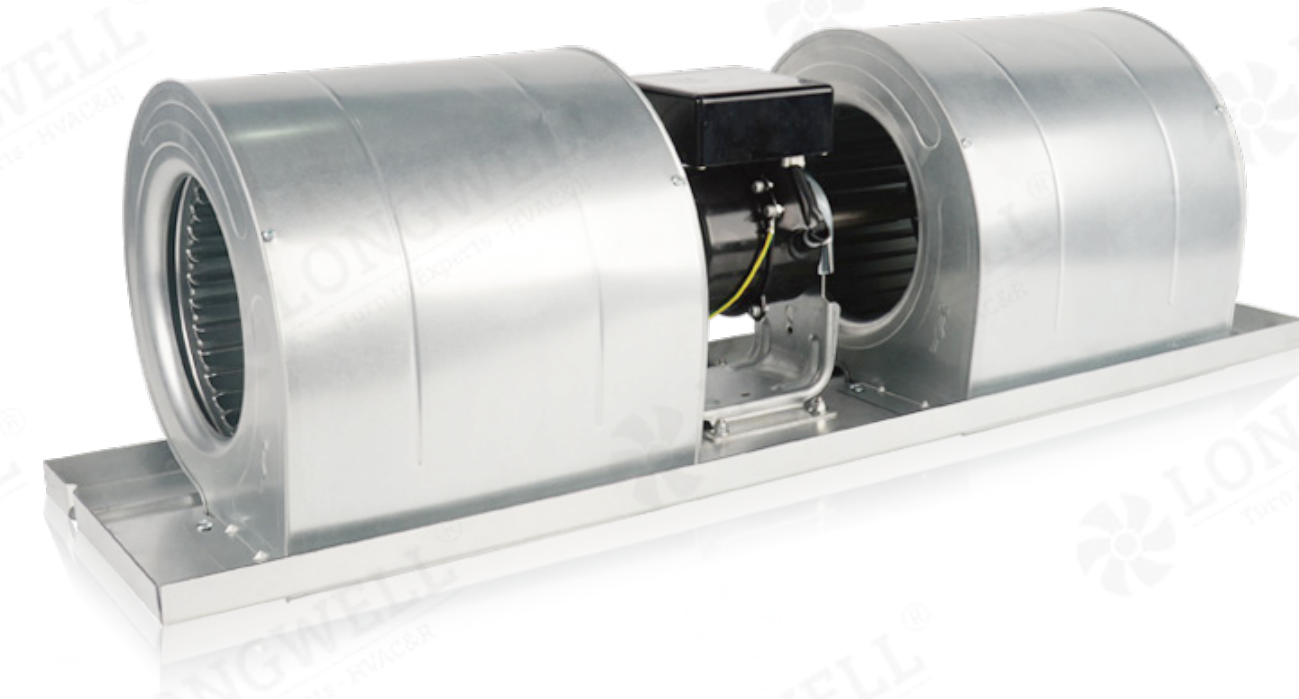
Type Code

06-15

EC Fan-Coil Units

16-26

AC Fan-Coil Units



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.

193

Staff

40000m²

Floor Space

500⁺

Branding Clients

1Million⁺ PCS

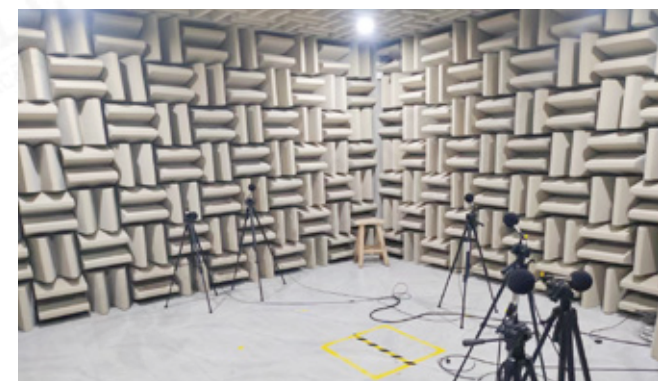
Annual Outputs

6

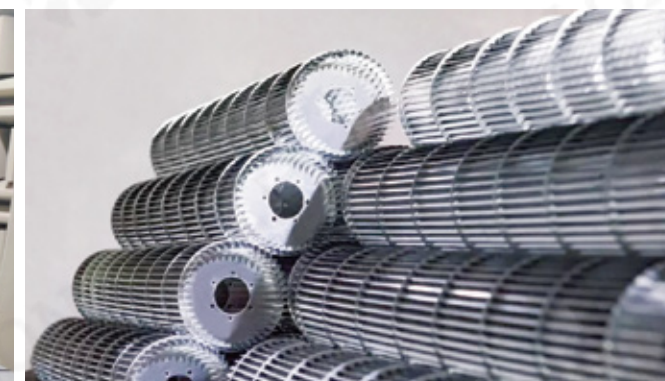
Overseas offices
on spot support

50⁺

Members
R&D Team



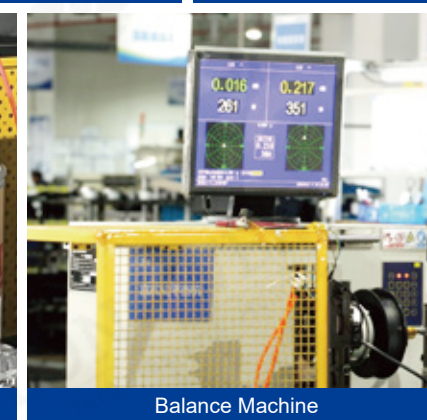
B&K Noise Testing Lab



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

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



Own-Brand



Own-Brand



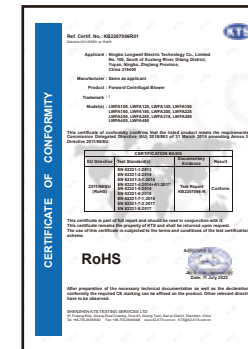
ETL



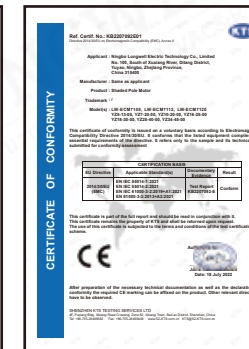
ETL



CE



RoHS



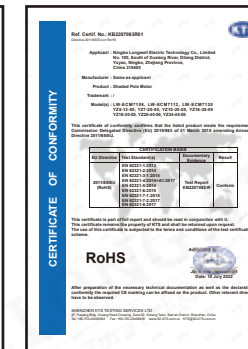
CE



CE



CE



RoHS



ETL



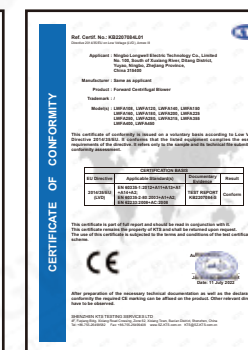
ETL



ETL



CE



CE



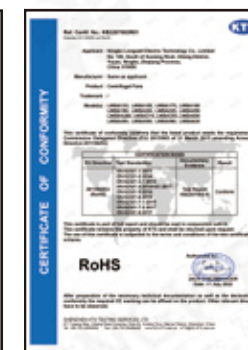
ISO 9001



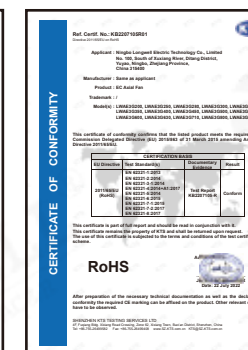
ISO 9001



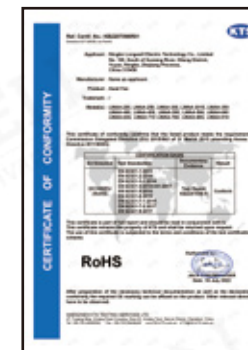
RoHS



RoHS



RoHS



RoHS



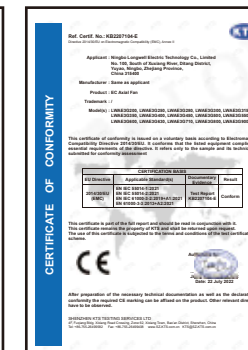
RoHS



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

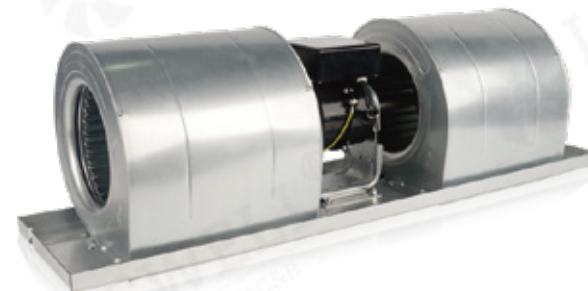
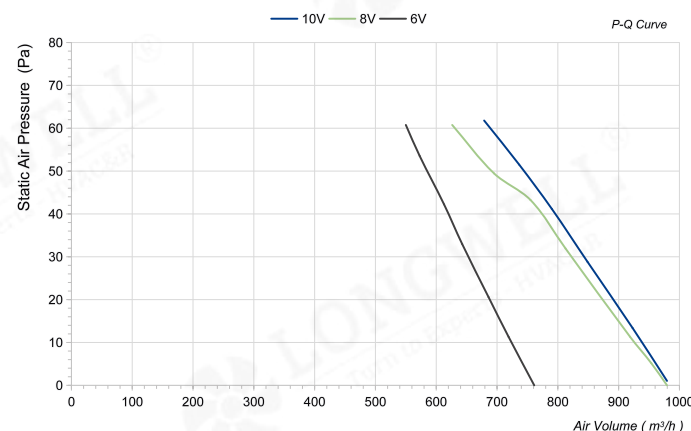
Longwell

EC Fan-Coil Units

Professional HVAC Fan & Motors Manufacturer



LWFC-EC200 Series



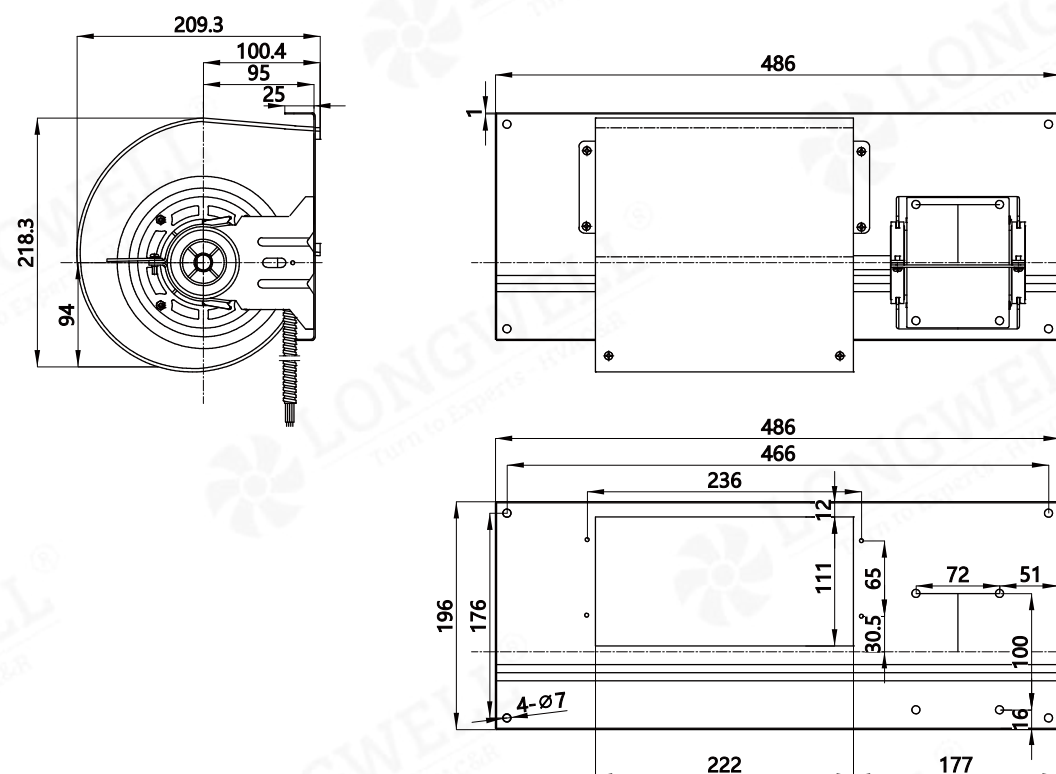
Product Characteristic

- Motor Type: EC Motor
- Material: Galvanised sheet steel
- Bearings: Maintenance-free ball bearings
- Operation Temperature: -25 °C ~ +60 °C

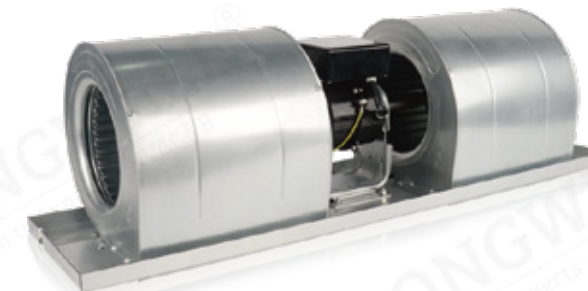
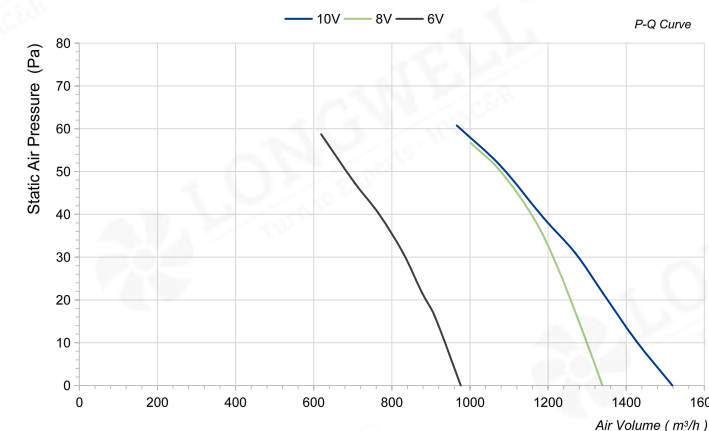


Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m³/h)	Pressure (Pa)
LWFC-EC200S-01	220	50/60	1400	86	980	62



LWFC-EC300 Series



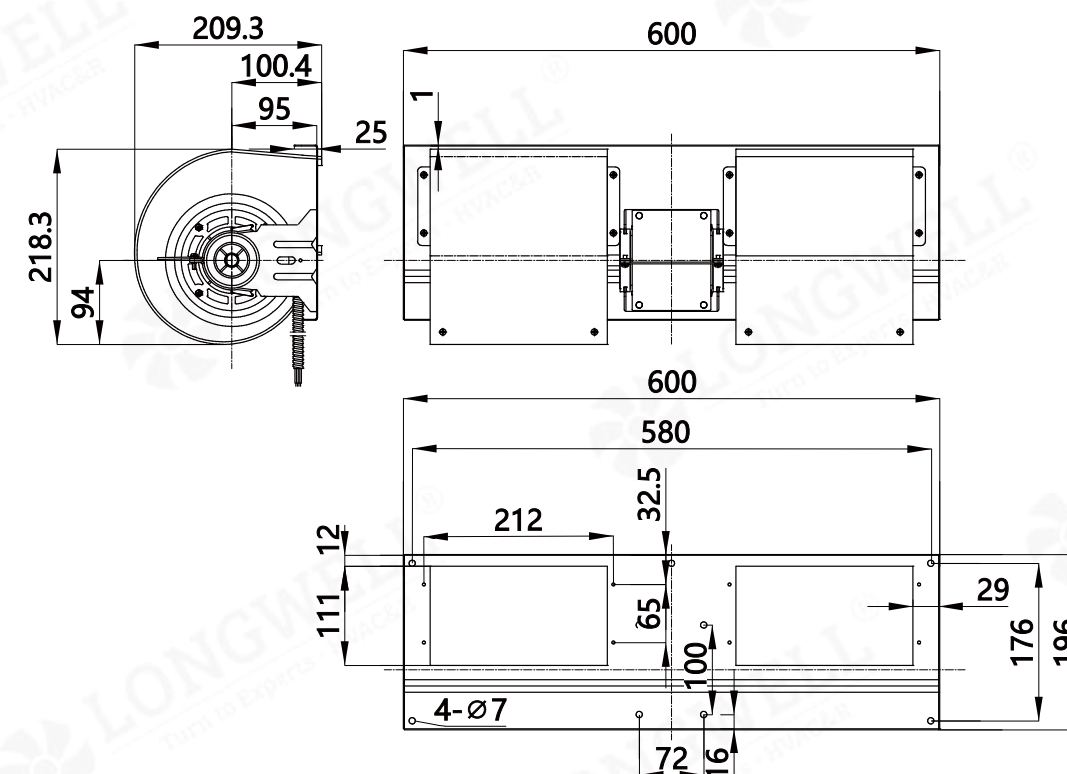
Product Characteristic

- Motor Type: EC Motor
- Material: Galvanised sheet steel
- Bearings: Maintenance-free ball bearings
- Operation Temperature: -25 °C ~ +60 °C

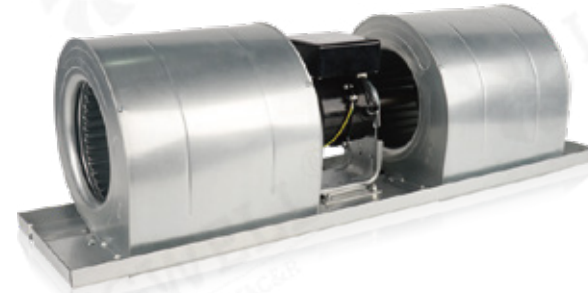


Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m³/h)	Pressure (Pa)
LWFC-EC300S-01	220	50/60	1300	128	1518	61



LWFC-EC500 Series



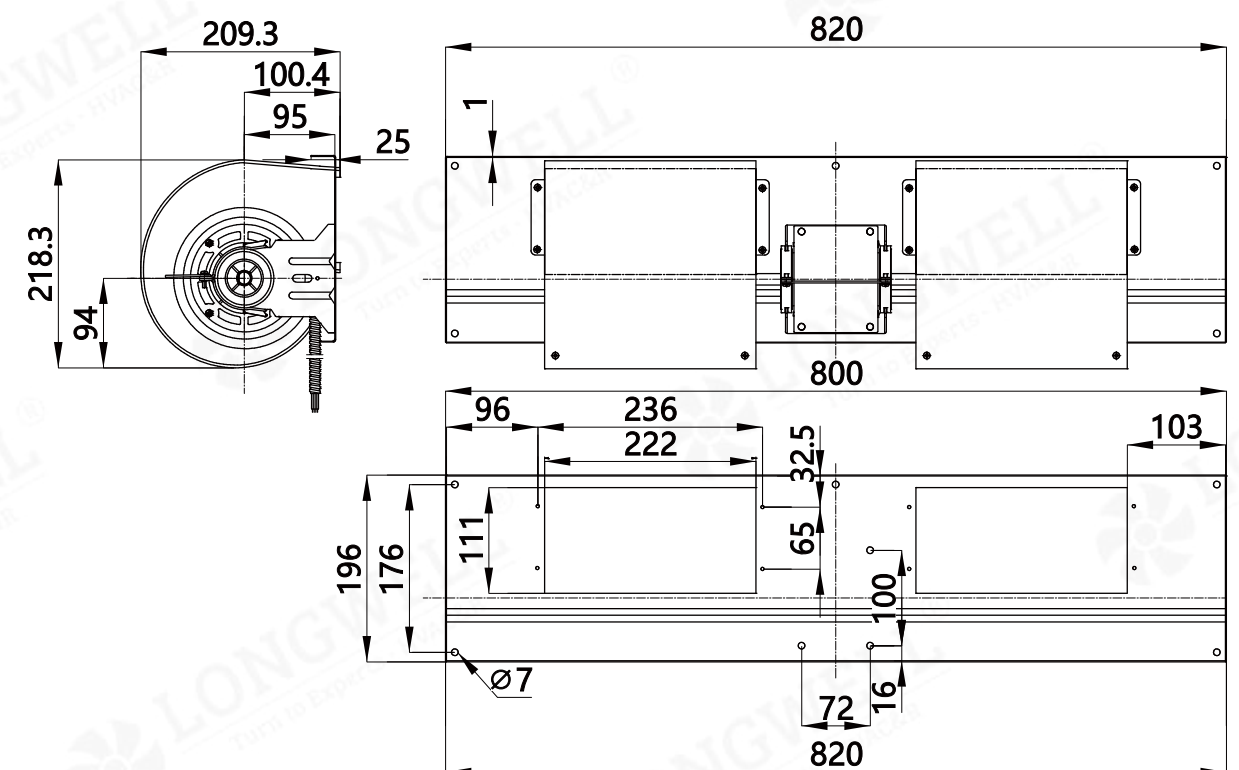
Product Characteristic

- | | | | |
|---------------|------------------------|--------------------------|--------------------------------|
| ● Motor Type: | EC Motor | ● Bearings: | Maintenance-free ball bearings |
| ● Material: | Galvanised sheet steel | ● Operation Temperature: | -25 °C ~ +60 °C |

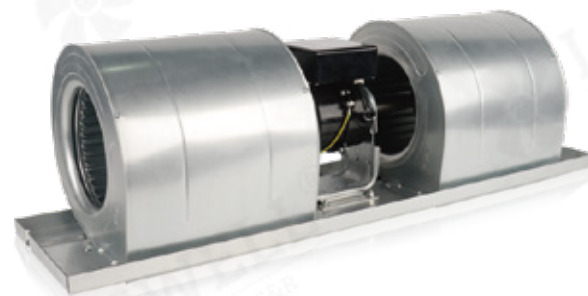
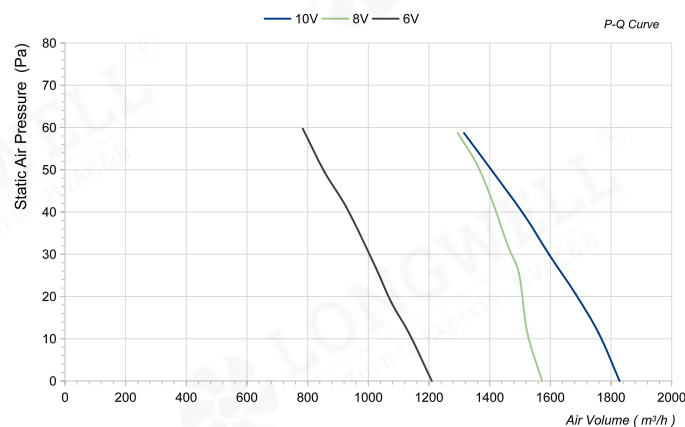


Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m³/h)	Pressure (Pa)
LWFC-EC500S-01	220	50/60	1300	133	1828	59



LWFC-EC600 Series



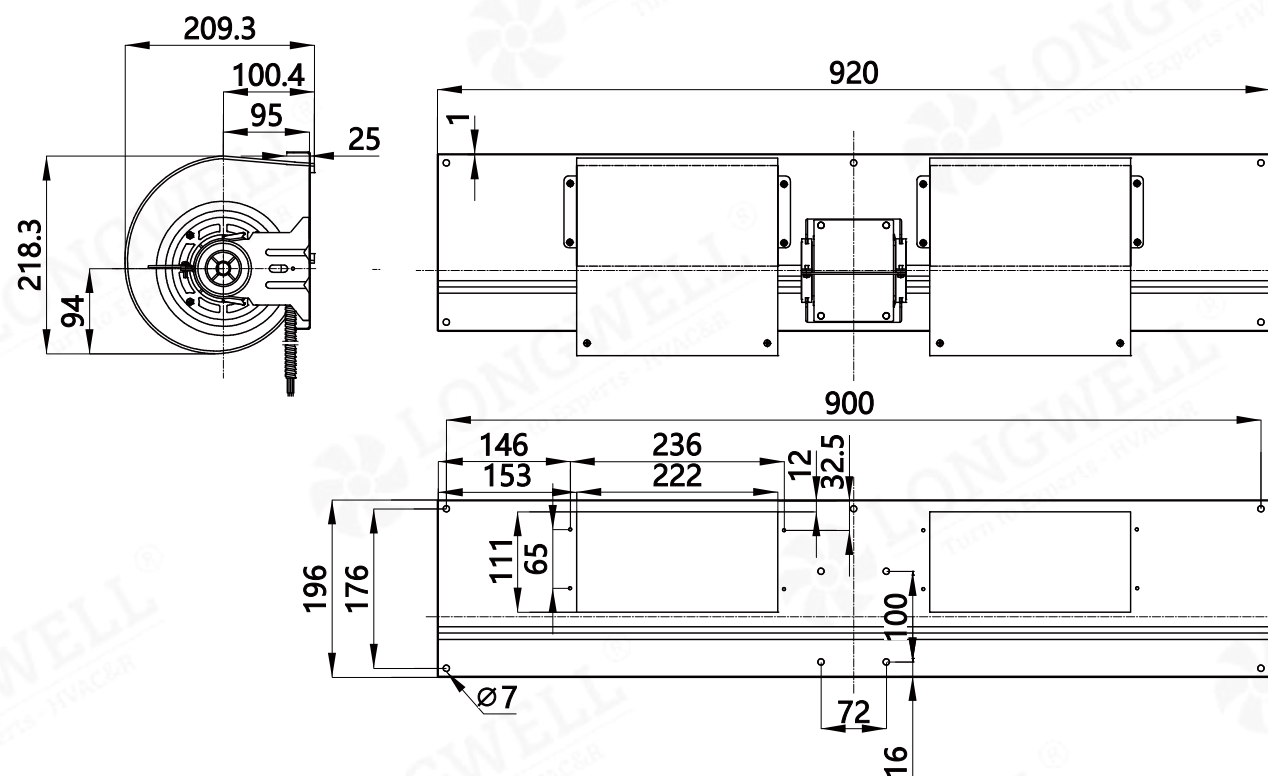
Product Characteristic

- Motor Type: EC Motor
- Bearings: Maintenance-free ball bearings
- Material: Galvanised sheet steel
- Operation Temperature: -25 °C ~ +60 °C

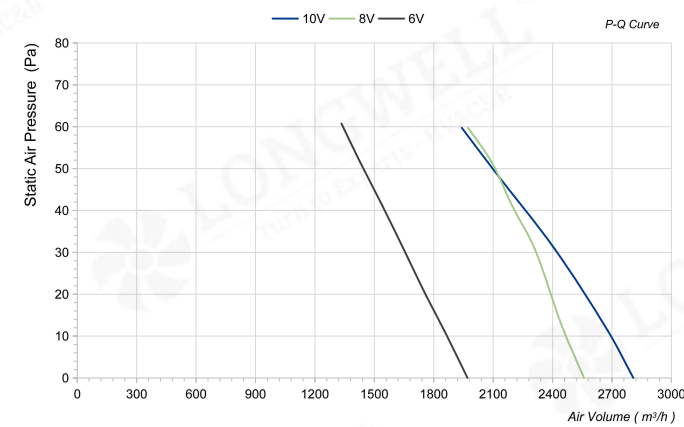


Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m³/h)	Pressure (Pa)
LWFC-EC600S-01	220	50/60	1300	133	1828	59



LWFC-EC800 Series



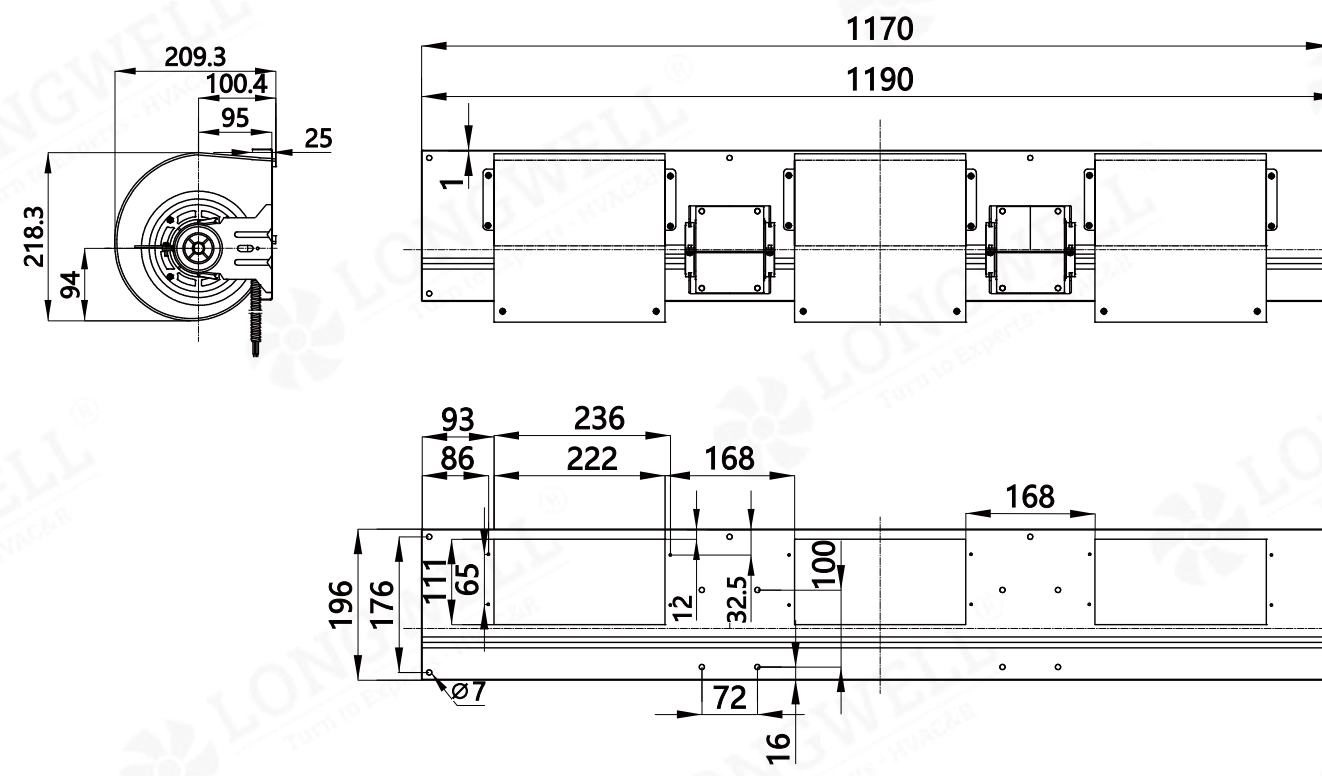
Product Characteristic

- Motor Type: EC Motor
- Bearings: Maintenance-free ball bearings
- Material: Galvanised sheet steel
- Operation Temperature: -25 °C ~ +60 °C

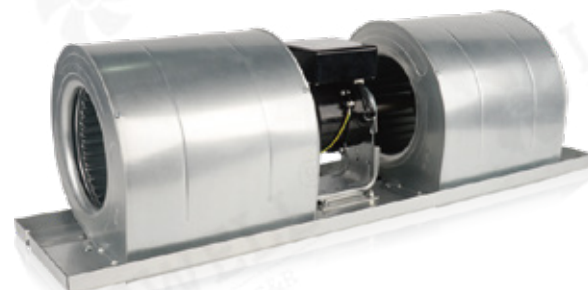
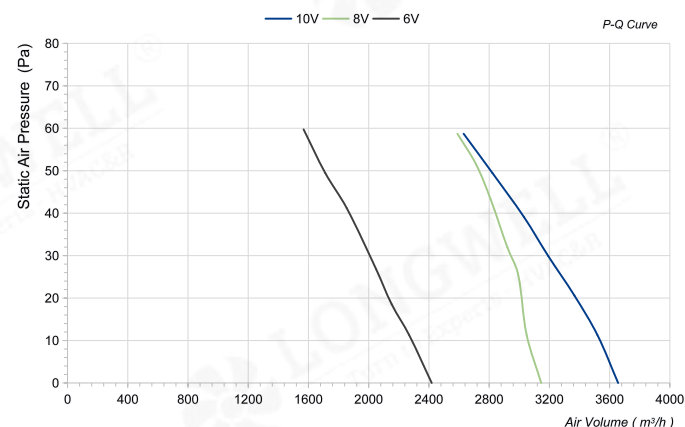


Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m³/h)	Pressure (Pa)
LWFC-EC800S-01	220	50/60	1300	220	2808	60



LWFC-EC1000 Series



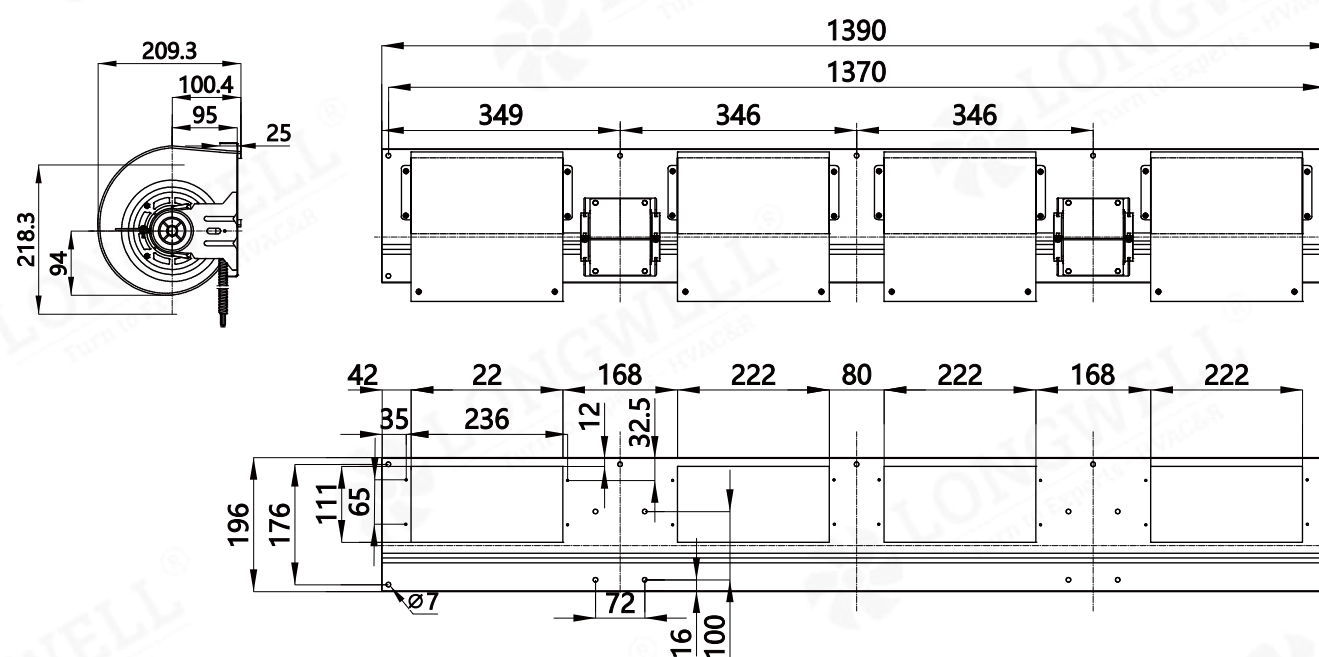
Product Characteristic

- Motor Type: EC Motor
- Bearings: Maintenance-free ball bearings
- Material: Galvanised sheet steel
- Operation Temperature: -25 °C ~ +60 °C

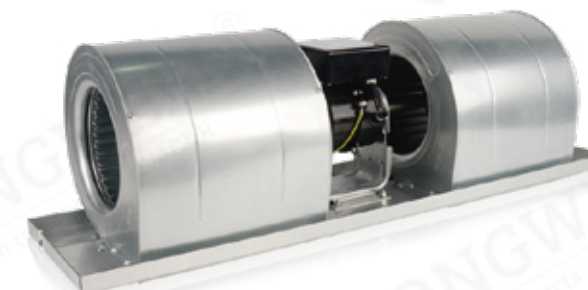
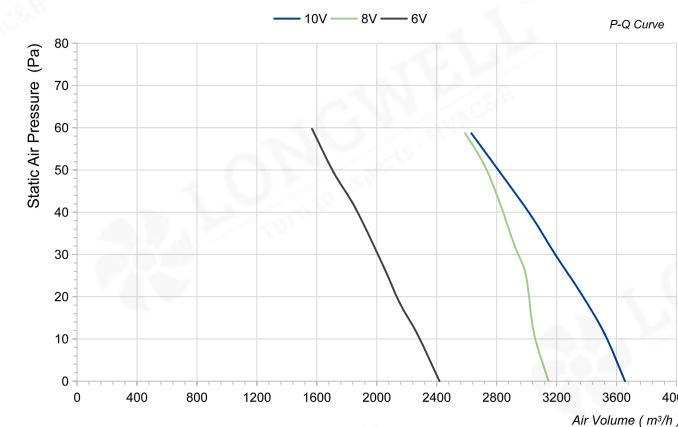


Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m³/h)	Pressure (Pa)
LWFC-EC1000S-01	220	50/60	1300	266	3657	59



LWFC-EC1200 Series



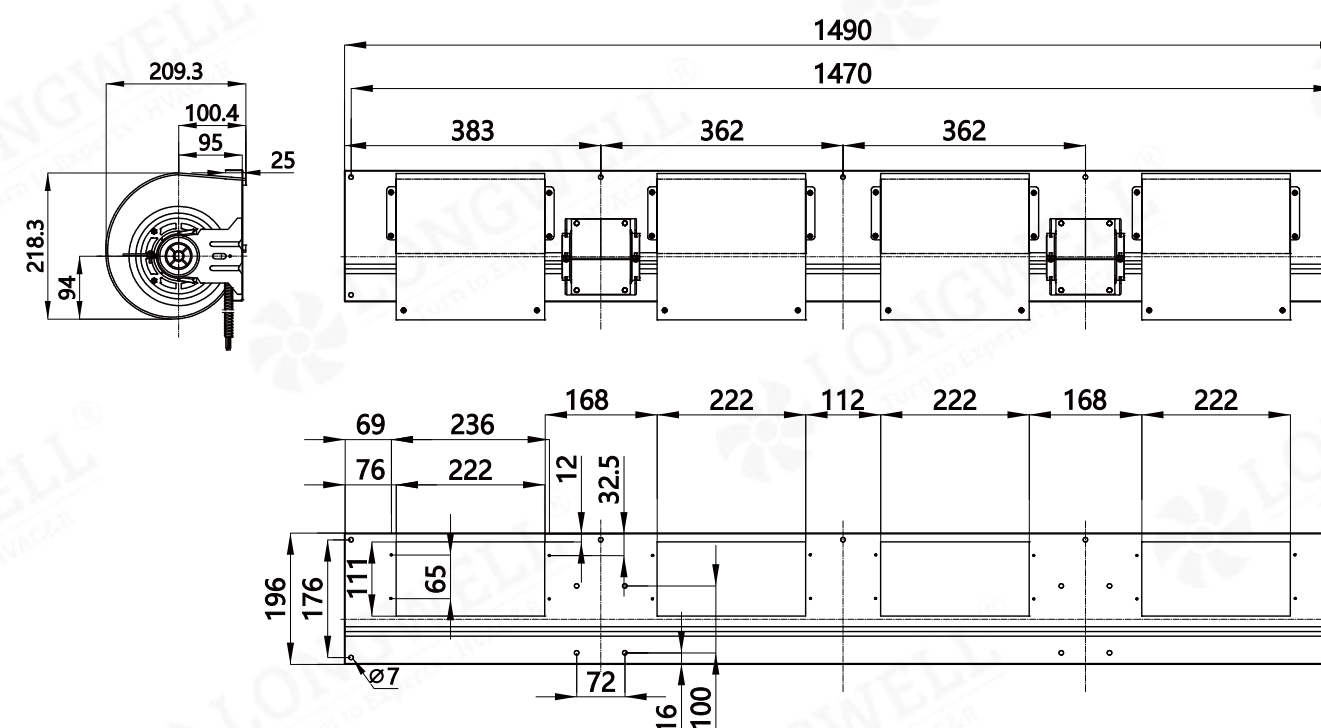
Product Characteristic

- Motor Type: EC Motor
- Bearings: Maintenance-free ball bearings
- Material: Galvanised sheet steel
- Operation Temperature: -25 °C ~ +60 °C

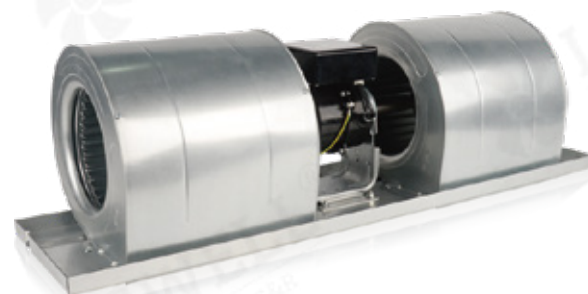
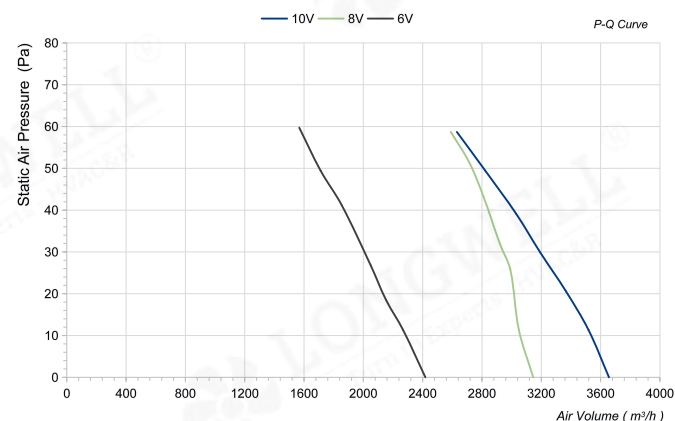


Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m³/h)	Pressure (Pa)
LWFC-EC1200S-01	220	50/60	1300	266	3657	59



LWFC-EC1400 Series



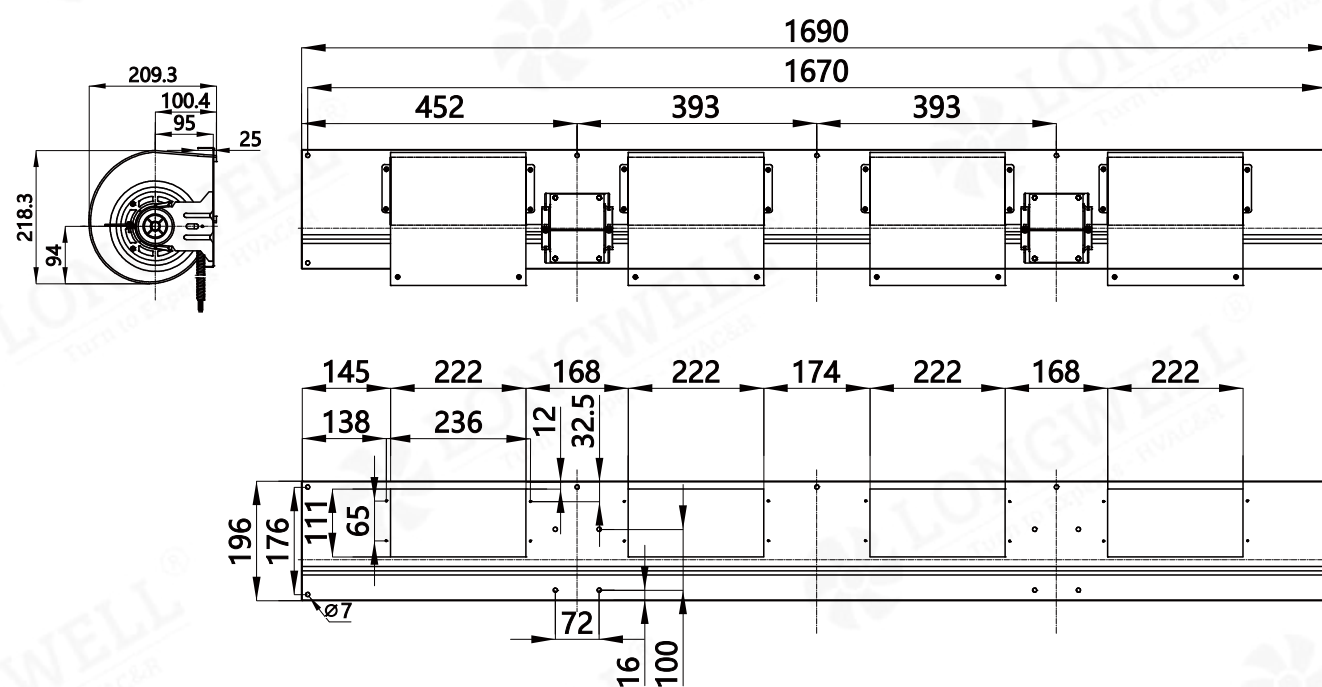
Product Characteristic

- Motor Type: EC Motor
- Material: Galvanised sheet steel
- Bearings: Maintenance-free ball bearings
- Operation Temperature: -25 °C ~ +60 °C



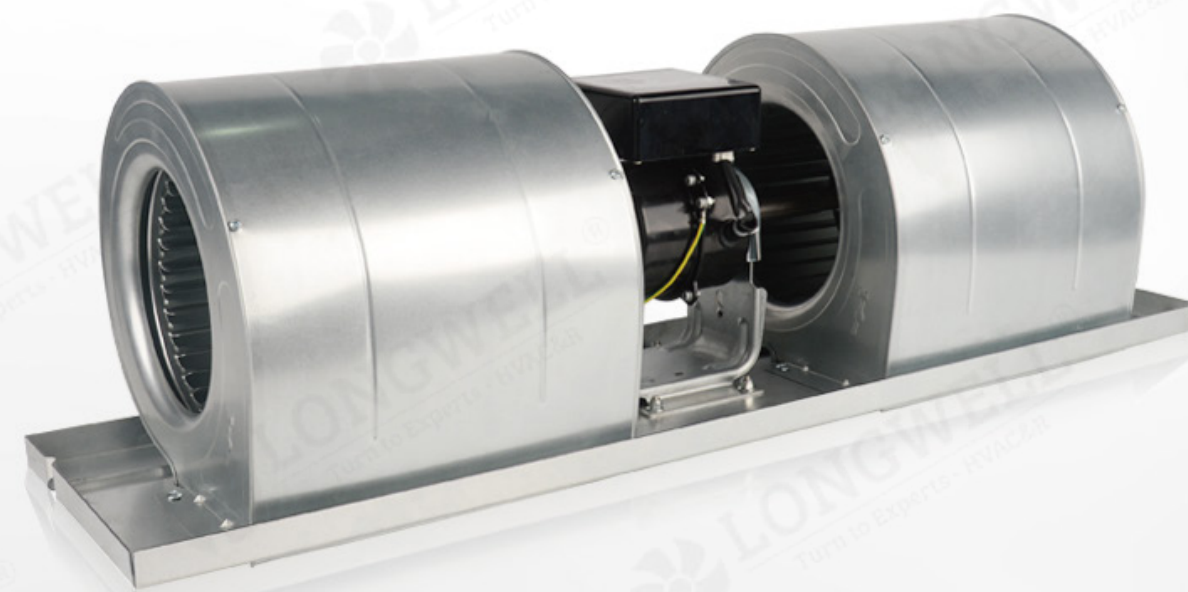
Technical Specifications

Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m³/h)	Pressure (Pa)
LWFC-EC1400S-01	220	50/60	1300	266	3657	59



AC Fan-Coil Units

Professional HVAC Fan & Motors Manufacturer



LWFC-AC200 Series

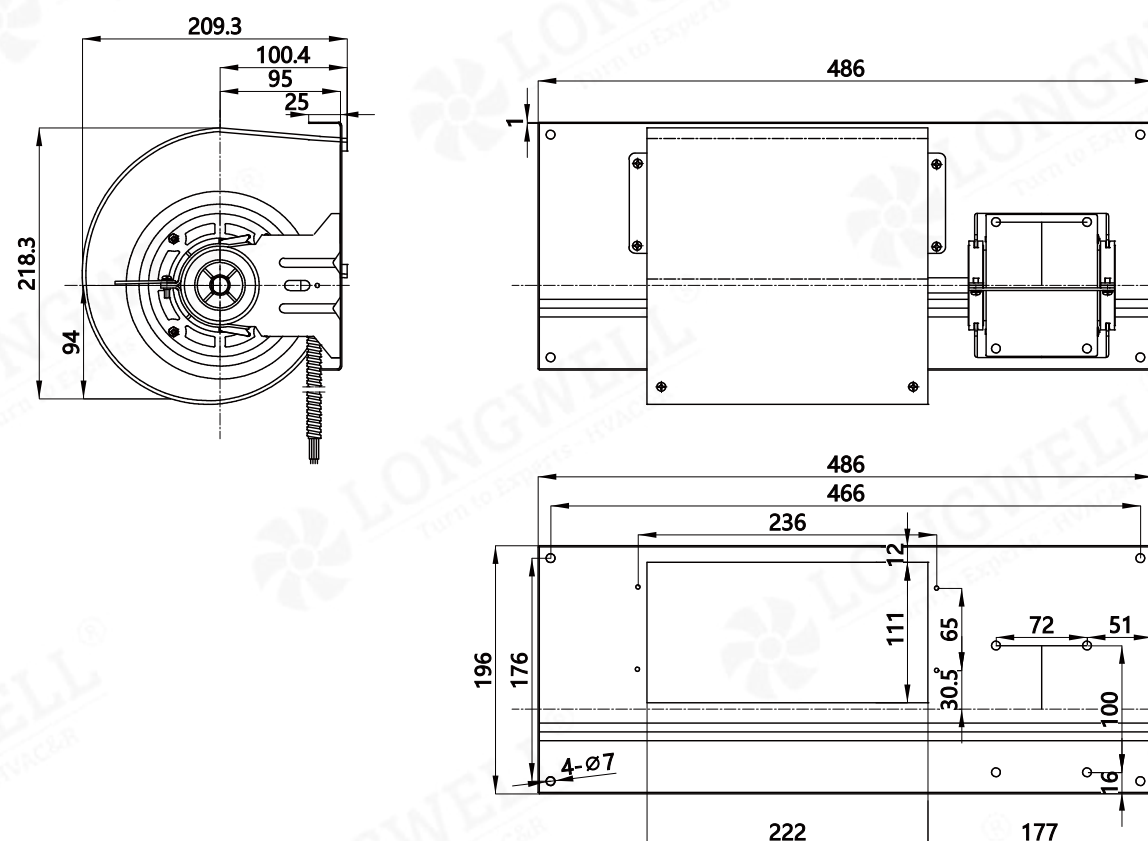
Product Characteristic

- 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

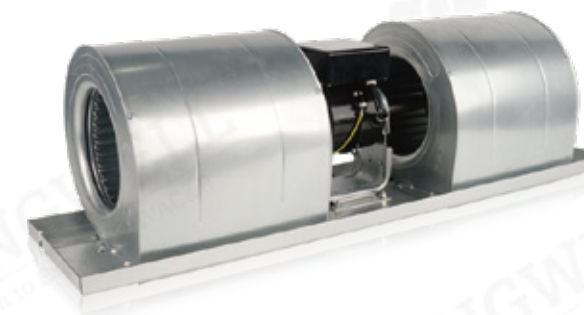
Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m³/h)	Pressure (Pa)
LWFC-AC200S-01L	220	50	/	8	340	12
LWFC-AC200S-01M	220	50	/	10	340	30
LWFC-AC200S-01H	220	50	/	16	340	50



LWFC-AC300 Series

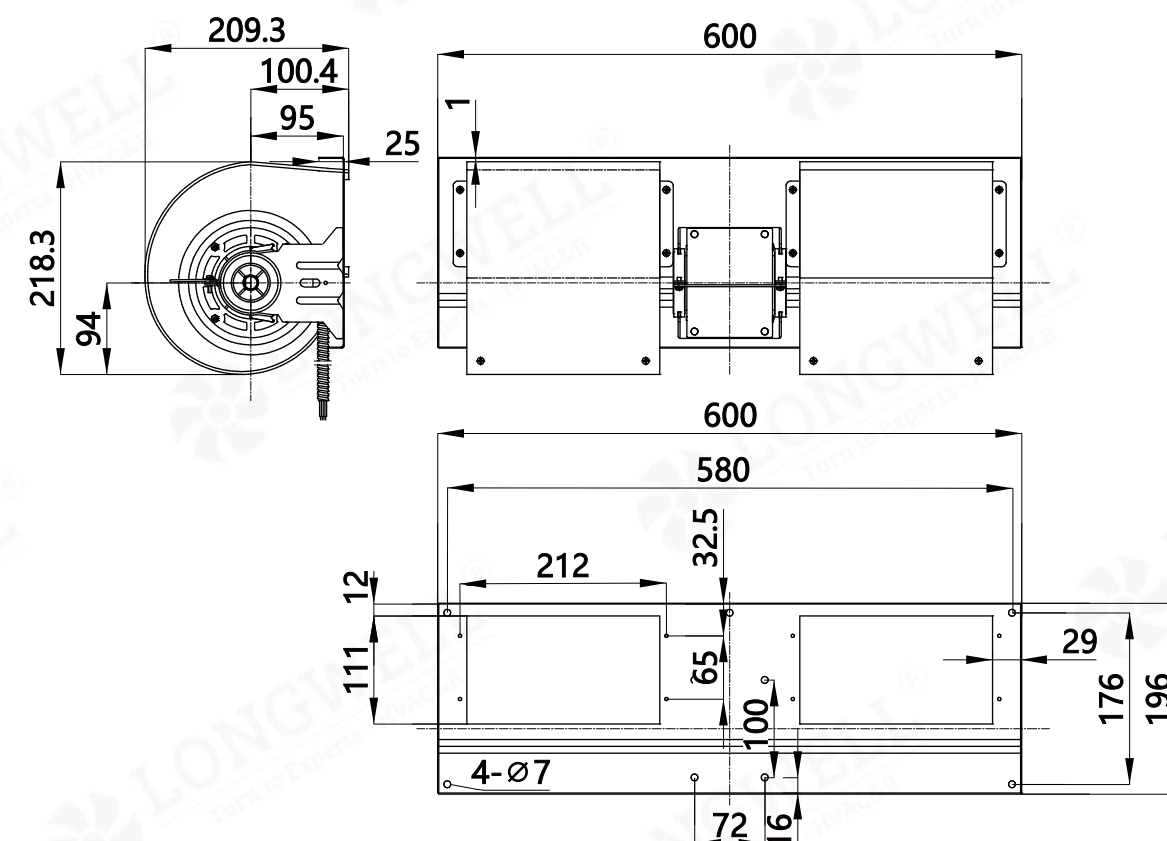
Product Characteristic

- 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 (m³/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



LWFC-AC400 Series

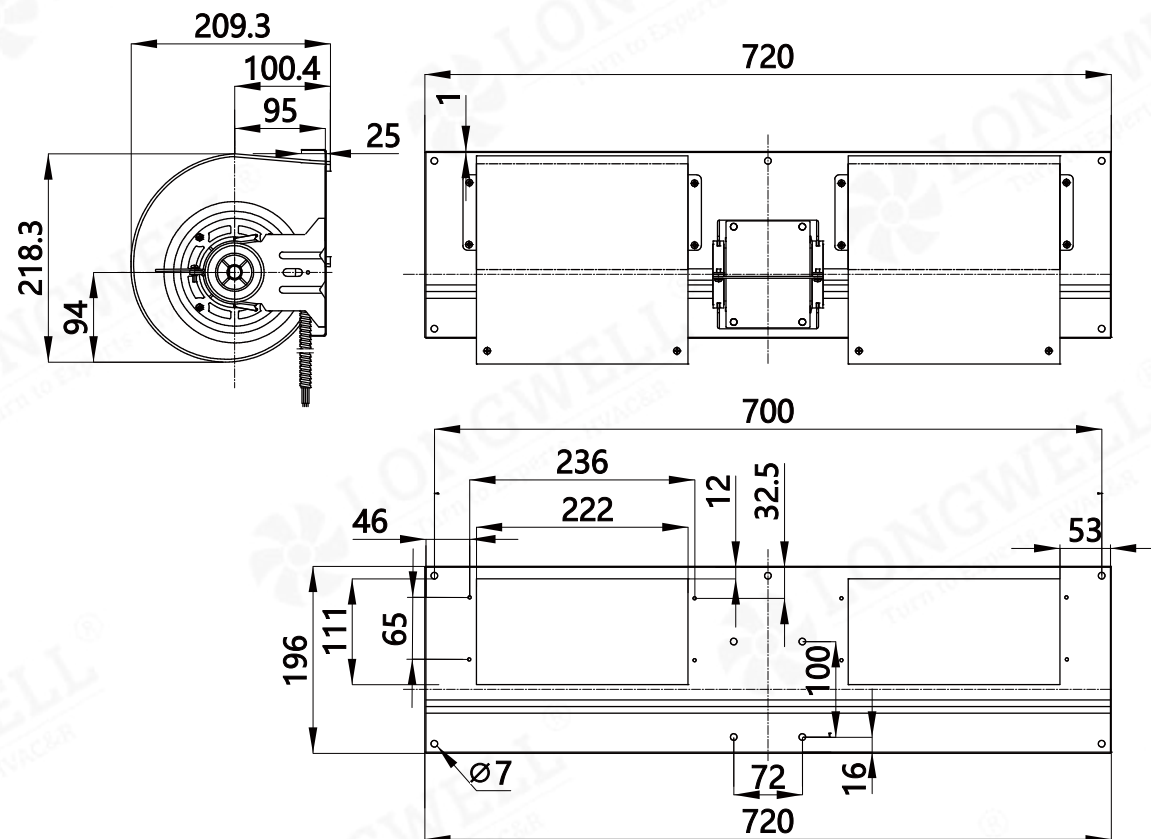
Product Characteristic

- 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 (m³/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

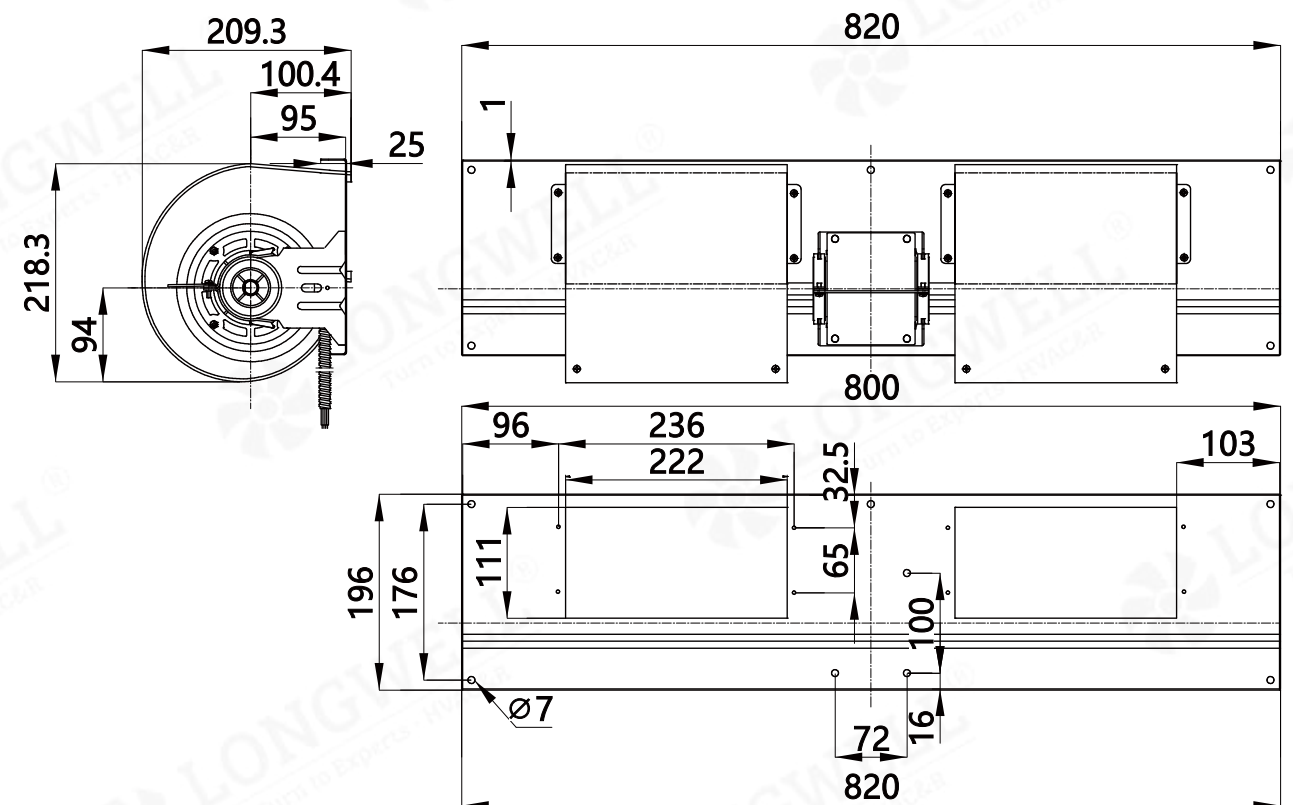
Product Characteristic

- 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 (m³/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

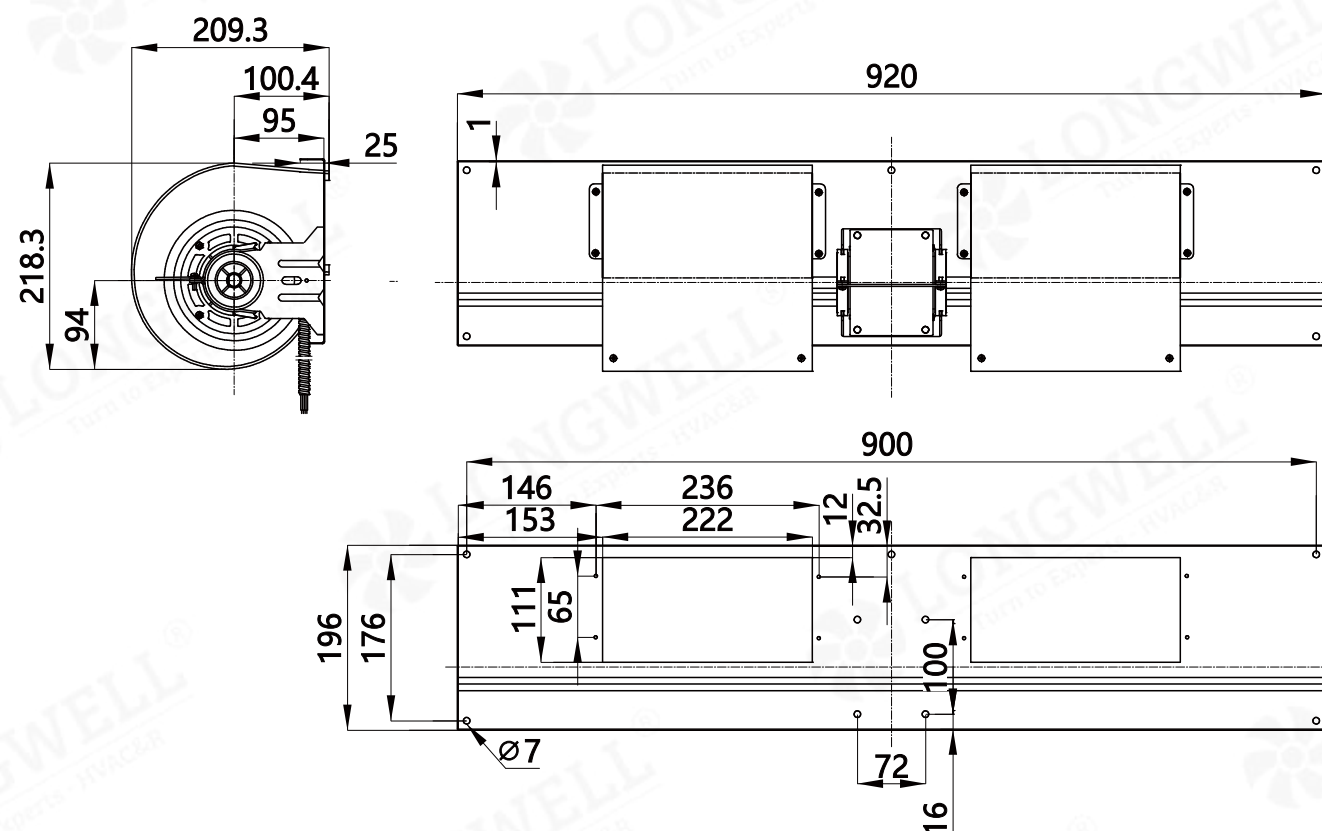
Product Characteristic

- 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 (m³/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

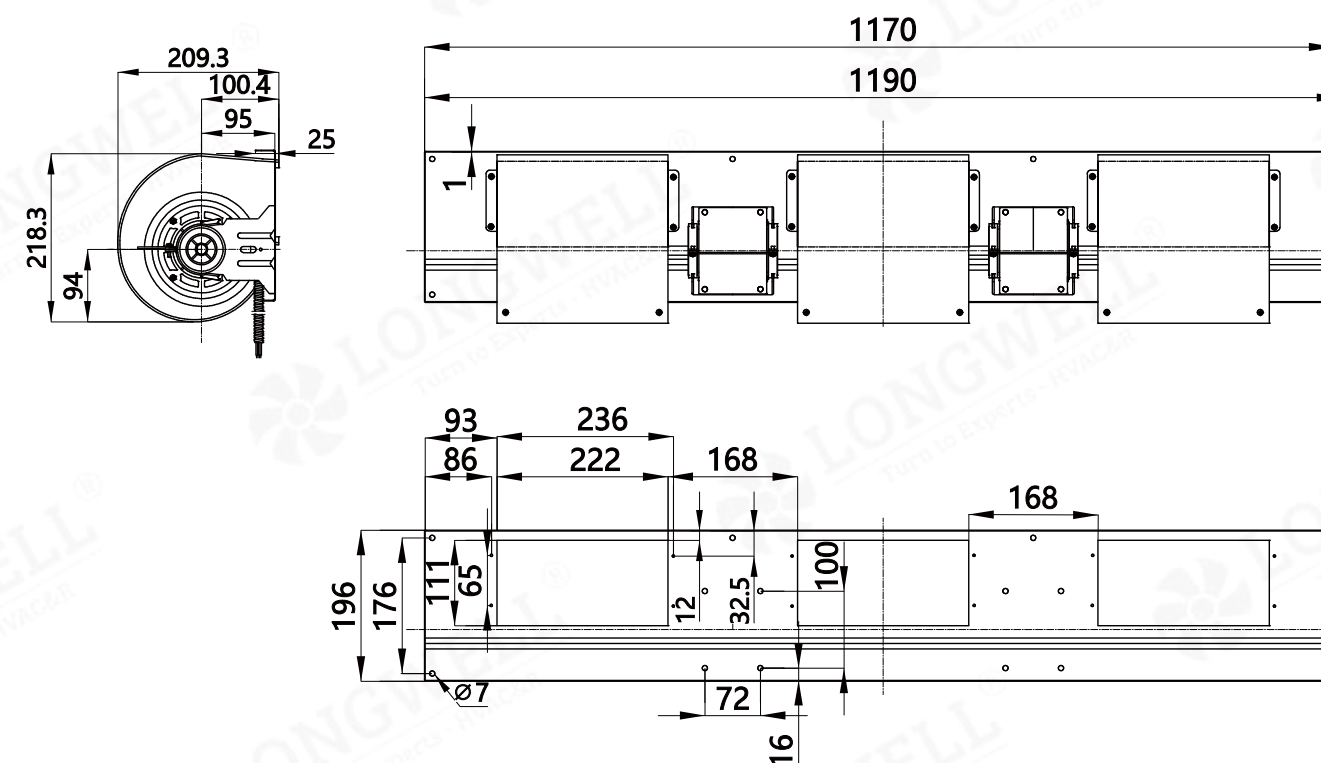
Product Characteristic

- 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 (m³/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



LWFC-AC1000 Series

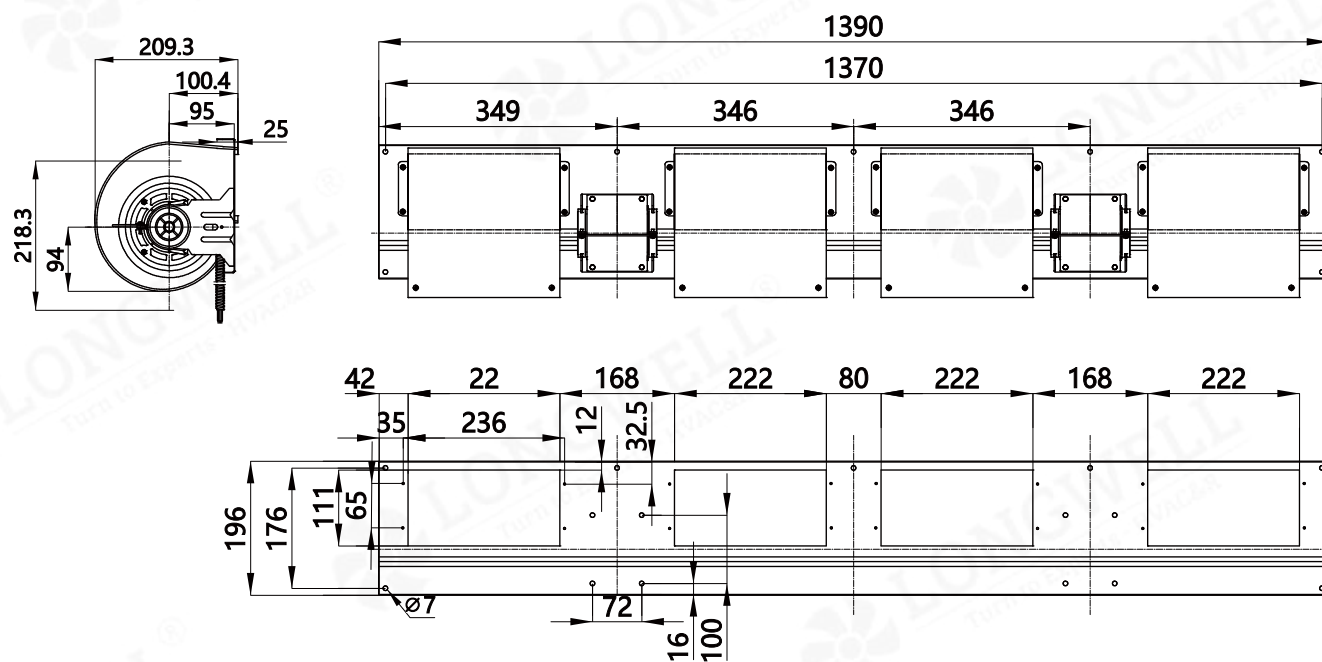
Product Characteristic

- 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

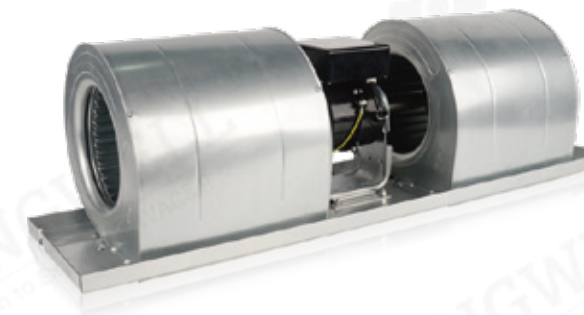
Model	Voltage (V)	Frequency (Hz)	Speed (RPM)	Power (W)	Air Flow (m³/h)	Pressure (Pa)
LWFC-AC1000S-01L	220	50	/	50	1700	12
LWFC-AC1000S-01M	220	50	/	70	1700	30
LWFC-AC1000S-01H	220	50	/	80	1700	50



LWFC-AC1200 Series

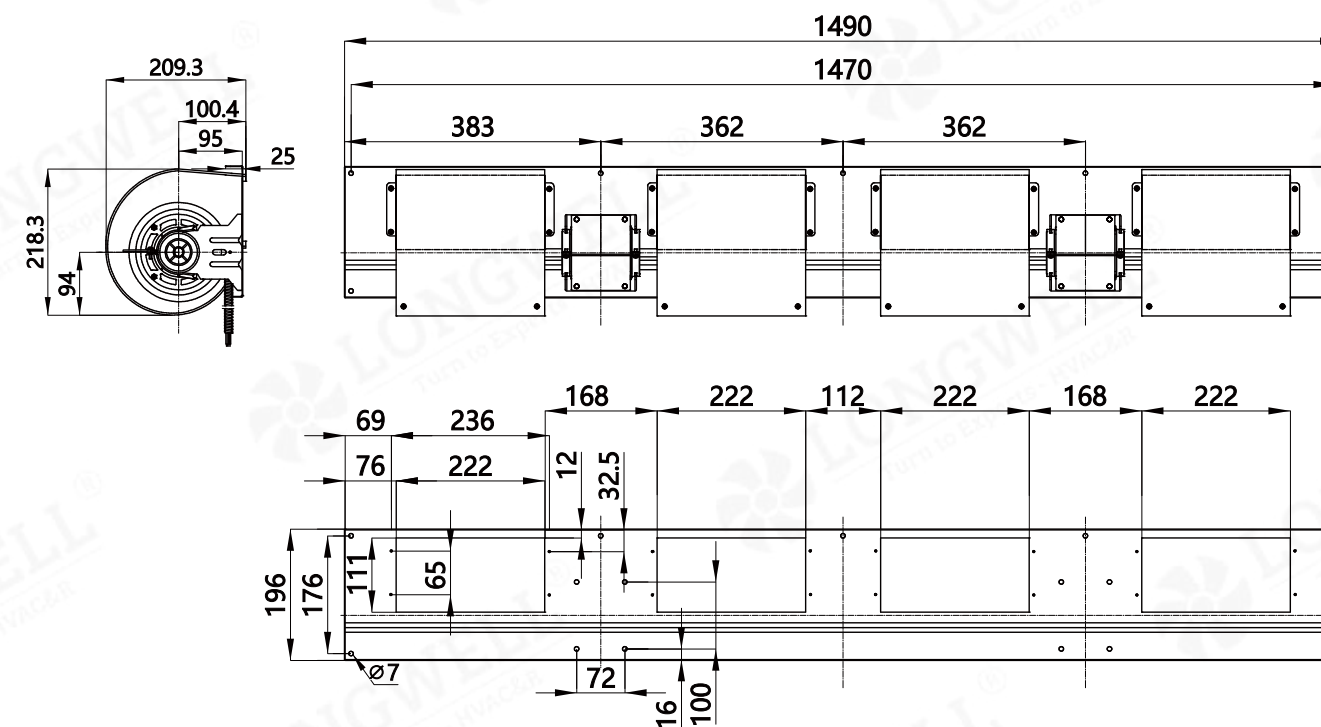
Product Characteristic

- 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



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

