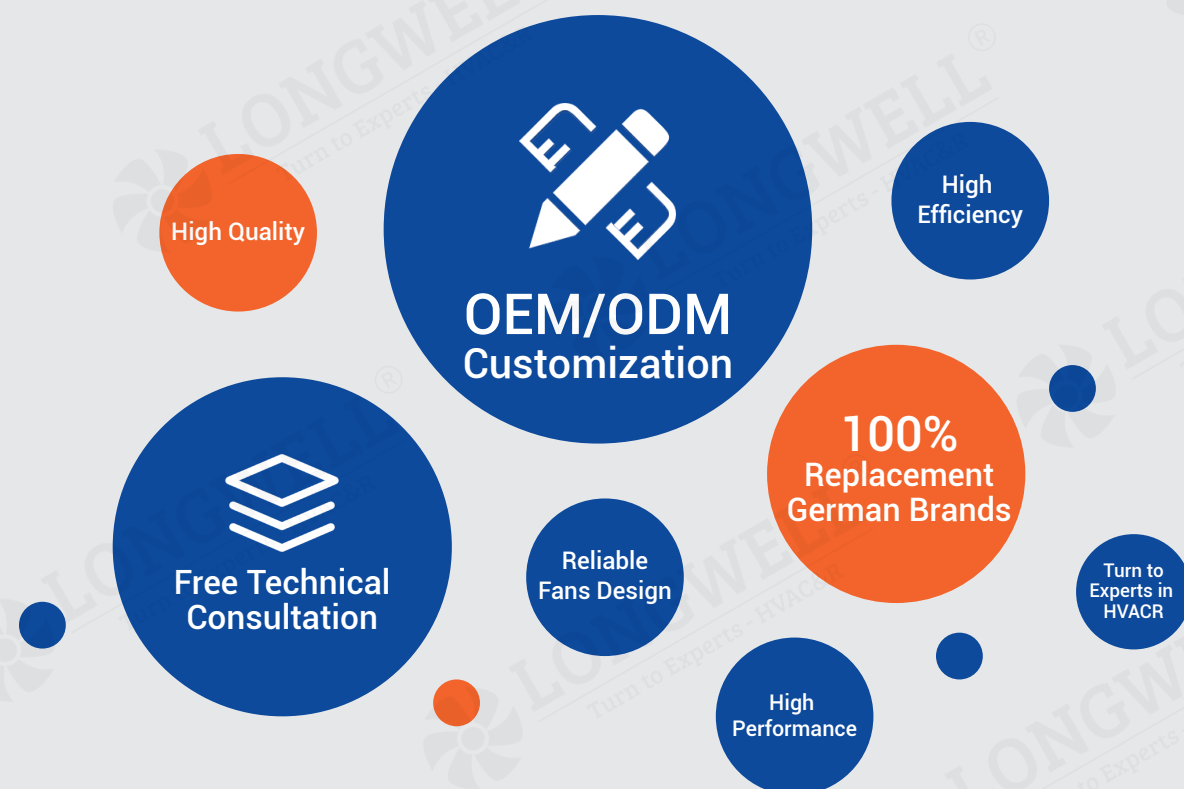


Delivery Premium Quality Fans Globally for Healthier Breathing

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



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LONGWELL TECHNOLOGY

**"Born for High-Quality Breathing
LONGWELL Fans Power Your Equipments"**



**Professional Manufacturer
of HVACR Fan & Motors**

—— AC Axial Flow Fan

Longwell Group

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

CATALOGUE

01-02	About Longwell
03-04	Testing and Standards
05	Type Code
06-30	AC Axial Flow Fan

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



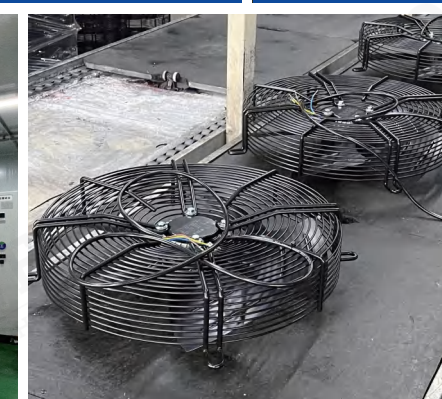
Production Line - Centrifugal Fan



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



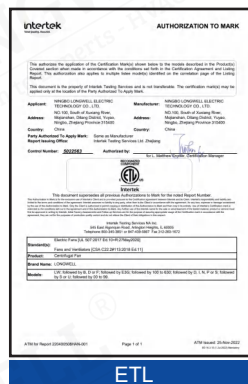
Enterprise Credit Evaluation Certificate - Highest Level in China



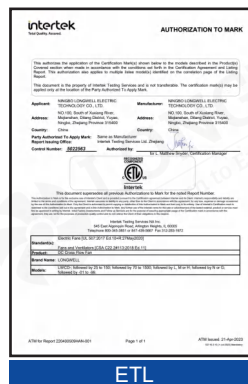
Own-Brand



Own-Brand



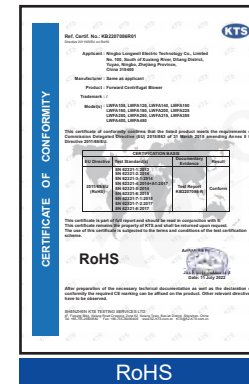
ETL



ETL



CE



RoHS



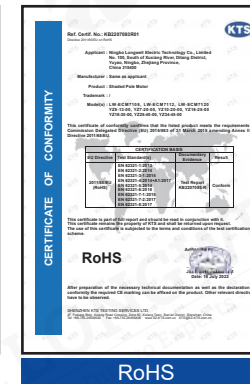
CE



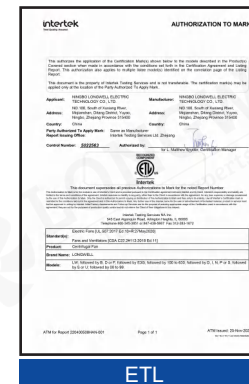
CE



CE



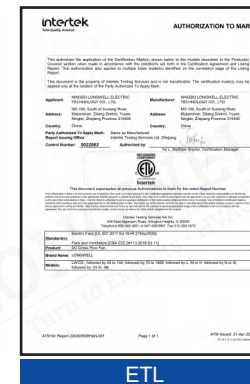
RoHS



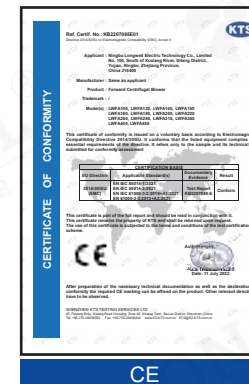
ETL



ETL



ETL



CE



CE



ISO 9001



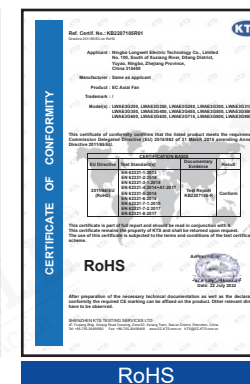
ISO 9001



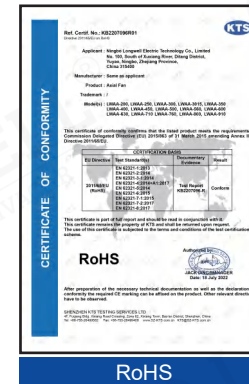
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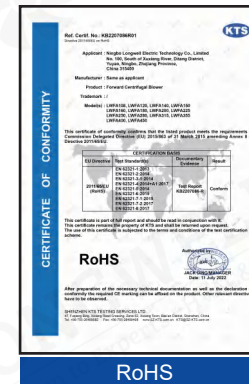
RoHS



RoHS



RoHS



RoHS



CE



CE



CE

Type Code

LW A A 8025 U H - 01

Series Number

X-Extra High H-High M-Middle
L-Low D-Extra Low

T-400V S-230V U-115V
K-5V L-12V M-24V H-48V

Frame or Impeller Size Code

A-AC D-DC E-EC

A-Axial Fan

Longwell

AC Axial Flow Fan

Professional HVAC Fan & Motors Manufacturer



LWAA8025 Serise

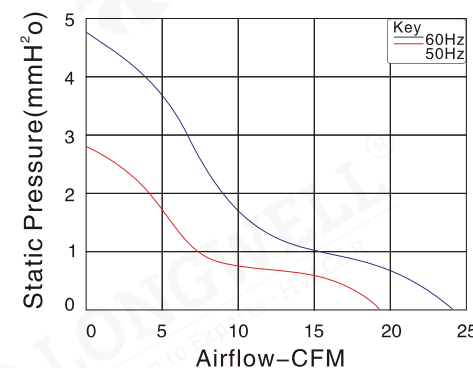
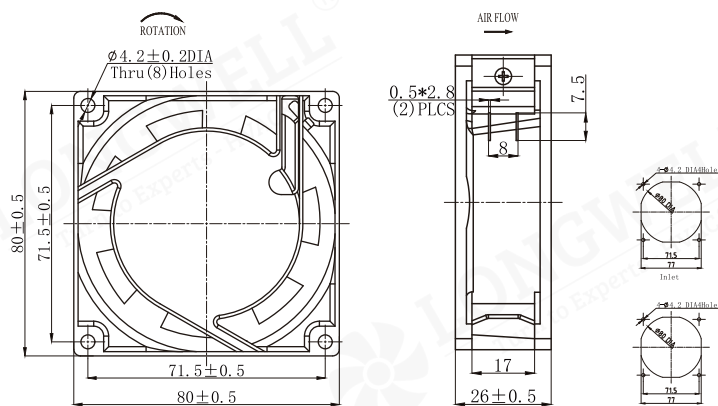
Product Characteristic

- Product Size: 80mm×80mm×25mm
- Air Flow: 19-23CFM
- Product Weight: 260g
- Product Noise: 23-26dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA8025UH-09	Sleeve	100/125	50/60	0.15	15/12	2300/2750	26/23	19/23	1	/
LWAA8025SH-09	Sleeve	200/240	50/60	0.09	15/12	2300/2750	26/23	19/23	1	/
LWAA8025UH-10	Ball	100/125	50/60	0.15	15/12	2300/2750	26/23	19/23	1	/
LWAA8025SH-10	Ball	200/240	50/60	0.09	15/12	2300/2750	26/23	19/23	1	/



LWAA8038 Serise

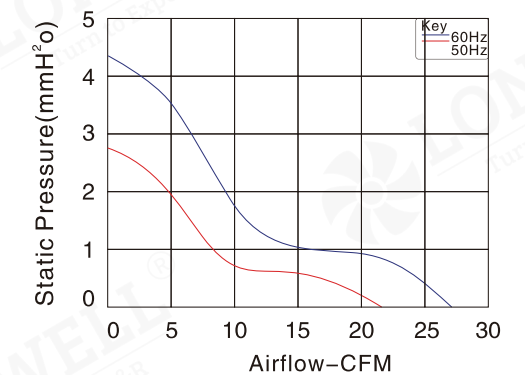
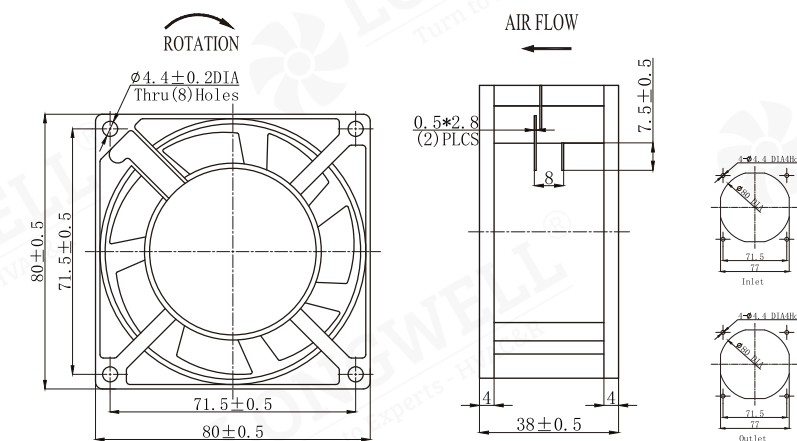
Product Characteristic

- Product Size: 80mm×80mm×38mm
- Air Flow: 22-28CFM
- Product Weight: 275g
- Product Noise: 26-32dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA8038UH-13	Sleeve	100/125	50/60	0.2	9.5/7	2550/3100	28/32	23/28	1	/
LWAA8038SH-13	Sleeve	200/240	50/60	0.06/0.05	9.5/7	2550/3100	28/32	23/28	1	/
LWAA8038UH-14	Ball	100/125	50/60	0.2	9.5/7	2550/3100	28/32	23/28	1	/
LWAA8038SH-14	Ball	200/240	50/60	0.06/0.05	9.5/7	2550/3100	28/32	23/28	1	/
LWAA8038UM-15	Sleeve	100/125	50/60	0.13	9/7	2300/2700	26/30	22/26	1	/
LWAA8038SM-15	Sleeve	200/240	50/60	0.065	7/6	2300/2700	26/30	22/26	1	/
LWAA8038UM-16	Ball	100/125	50/60	0.13	9/7	2300/2700	26/30	22/26	1	/
LWAA8038SM-16	Ball	200/240	50/60	0.065	7/6	2300/2700	26/30	22/26	1	/



LWAA9225 Serise

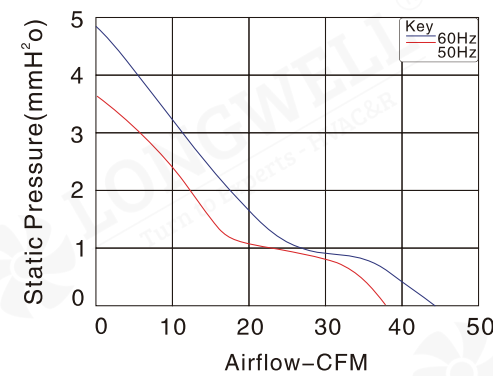
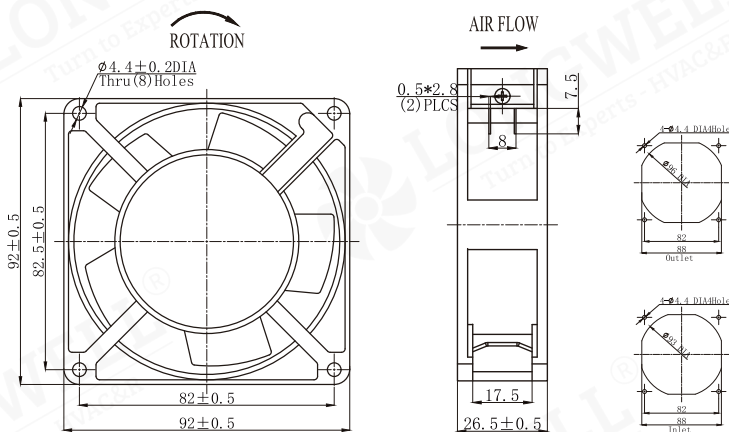
Product Characteristic

- Product Size: 92mm×92mm×25mm
- Air Flow: 23-37CFM
- Product Weight: 268g
- Product Noise: 23-40dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA9225UH-15	Sleeve	100/125	50/60	0.2/0.16	16/13	2350/2800	34/40	30/37	1	/
LWAA9225SH-16	Sleeve	200/240	50/60	0.1/0.08	16/13	2350/2800	34/40	30/37	1	/
LWAA9225UH-16	Ball	100/125	50/60	0.2/0.16	13/11	2350/2800	34/40	30/37	1	/
LWAA9225SH-17	Ball	200/240	50/60	0.1/0.08	13/11	2350/2800	34/40	30/37	1	/
LWAA9225UM-17	Sleeve	100/125	50/60	0.14	7/6	1800/2300	23/30	23/30	1	/
LWAA9225SM-18	Sleeve	200/240	50/60	0.07	7/6	1800/2300	23/30	23/30	1	/
LWAA9225UM-18	Ball	100/125	50/60	0.14	7/6	1800/2300	23/30	23/30	1	/
LWAA9225SM-19	Ball	200/240	50/60	0.07	7/6	1800/2300	23/30	23/30	1	/



LWAA9238 Serise

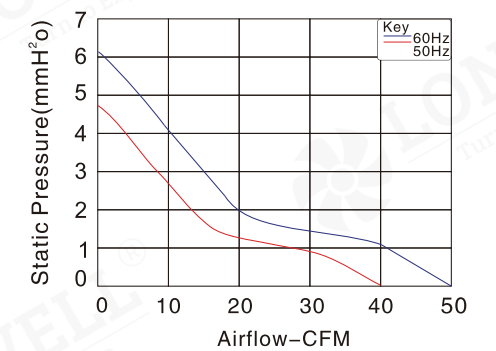
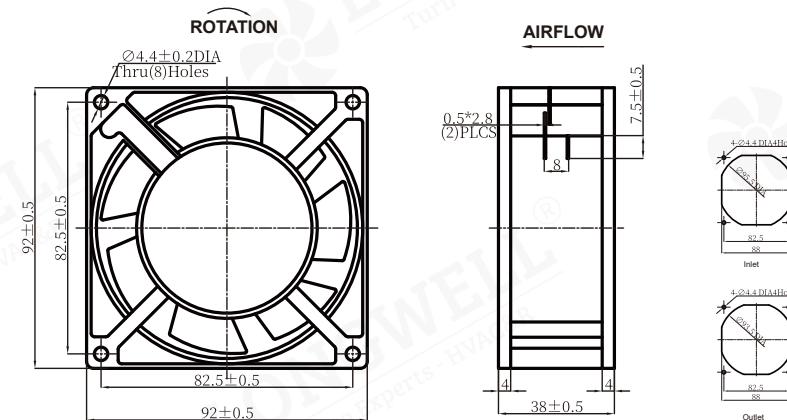
Product Characteristic

- Product Size: 92mm×92mm×38mm
- Air Flow: 38-46CFM
- Product Weight: 360g
- Product Noise: 26-31dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA9238UH-01	Sleeve	100/125	50/60	0.23/0.18	17/13	2350/2750	26/31	39/46	1	/
LWAA9238SH-13	Sleeve	200/240	50/60	0.06/0.05	10/8	2350/2750	26/31	39/46	1	/
LWAA9238UH-02	Ball	100/125	50/60	0.23/0.18	17/13	2350/2750	26/31	39/46	1	/
LWAA9238SH-14	Ball	200/240	50/60	0.06/0.05	10/8	2350/2750	26/31	39/46	1	/
LWAA9238UM-03	Sleeve	100/125	50/60	0.12/0.09	9/7	2250/2600	26/28	38/44	1	/
LWAA9238SM-15	Sleeve	200/240	50/60	0.07/0.06	11/8	2250/2600	26/28	38/44	1	/
LWAA9238UM-04	Ball	100/125	50/60	0.12/0.09	9/7	2250/2600	26/28	38/44	1	/
LWAA9238SM-16	Ball	200/240	50/60	0.07/0.06	11/8	2250/2600	26/28	38/44	1	/



LWAA11025 Serise

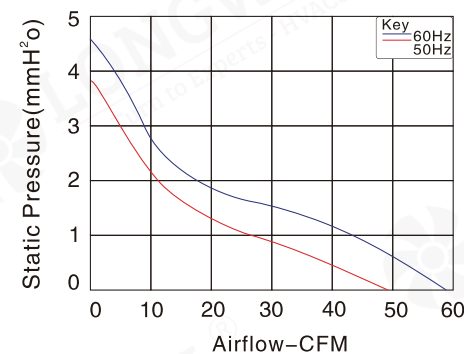
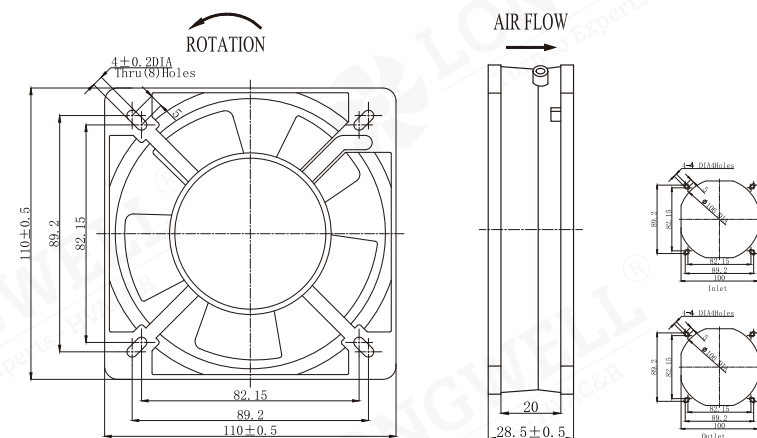
Product Characteristic

- Product Size: 110mm×110mm×25mm
- Air Flow: 45-71CFM
- Product Weight: 310g
- Product Noise: 27-38dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA11025UH-08	Sleeve	100/125	50/60	0.25/0.23	22/19	2450/2900	36/38	60/71	1	/
LWAA11025SH-08	Sleeve	200/240	50/60	0.1/0.08	17/13	2450/2900	36/38	60/71	1	/
LWAA11025UH-09	Ball	100/125	50/60	0.25/0.23	22/19	2450/2900	36/38	60/71	1	/
LWAA11025SH-09	Ball	200/240	50/60	0.1/0.08	17/13	2450/2900	36/38	60/71	1	/
LWAA11025UM-10	Sleeve	100/125	50/60	0.16/0.15	16/15	2000/2000	33/33	52/52	1	/
LWAA11025SM-10	Sleeve	200/240	50/60	0.07/0.07	16/15	2000/2000	33/33	52/52	1	/
LWAA11025UM-11	Ball	100/125	50/60	0.16/0.15	16/15	2000/2000	33/33	52/52	1	/
LWAA11025SM-11	Ball	200/240	50/60	0.08/0.08	19/18	2000/2000	33/33	60/71	1	/
LWAA11025UL-12	Sleeve	100/125	50/60	0.13/0.11	14/13	1800/1700	28/27	46/45	1	/
LWAA11025SL-12	Sleeve	200/240	50/60	0.05/0.05	14/13	1800/1700	28/27	46/45	1	/
LWAA11025UL-13	Ball	100/125	50/60	0.13/0.11	14/13	1800/1700	28/27	46/45	1	/
LWAA11025SL-13	Ball	200/240	50/60	0.05/0.05	14/13	1800/1700	28/27	46/45	1	/



LWAA12025 Serise

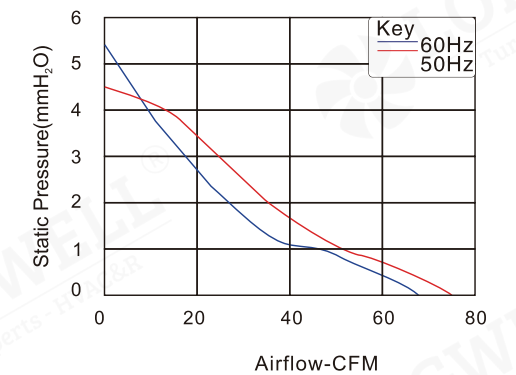
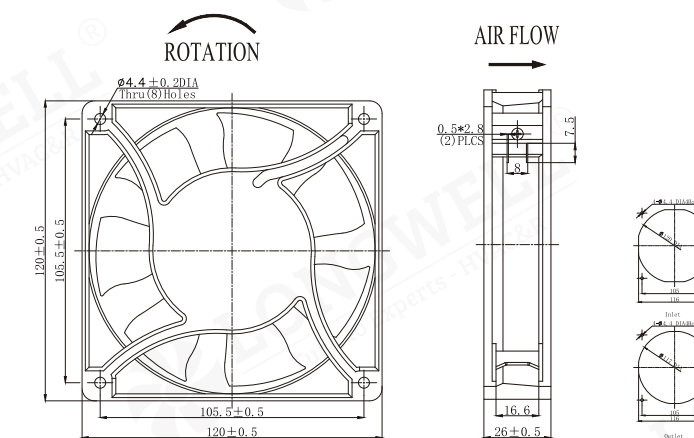
Product Characteristic

- Product Size: 120mm×120mm×25mm
- Air Flow: 50-76CFM
- Product Weight: 350g
- Product Noise: 31-41dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA12025UH-17	Sleeve	100/125	50/60	0.32/0.28	26/32	2350/2650	34/39	59/68	1	/
LWAA12025SH-17	Sleeve	200/240	50/60	0.07	14/13	2350/2650	34/39	59/68	1	/
LWAA12025UH-18	Ball	100/125	50/60	0.32/0.28	26/32	2450/2700	39/41	68/76	1	/
LWAA12025SH-18	Ball	200/240	50/60	0.07	14/13	2450/2700	39/41	68/76	1	/
LWAA12025UM-19	Sleeve	100/125	50/60	0.13	11/10	2000/2200	33/34	55/65	1	/
LWAA12025SM-19	Sleeve	200/240	50/60	0.06	11/10	2000/2200	33/34	55/65	1	/
LWAA12025UM-20	Ball	100/125	50/60	0.13	11/10	2000/2200	33/34	55/65	1	/
LWAA12025SM-20	Ball	200/240	50/60	0.06	11/10	2000/2200	33/34	55/65	1	/
LWAA12025UL-21	Sleeve	100/125	50/60	0.09	9/8	1800/1800	31/31	50/50	1	/
LWAA12025SL-21	Sleeve	200/240	50/60	0.05	9/8	1800/1800	31/31	50/50	1	/
LWAA12025UL-22	Ball	100/125	50/60	0.09	9/8	1800/1800	31/31	50/50	1	/
LWAA12025SL-22	Ball	200/240	50/60	0.05	9/8	1800/1800	31/31	50/50	1	/



LWAA12038 Serise

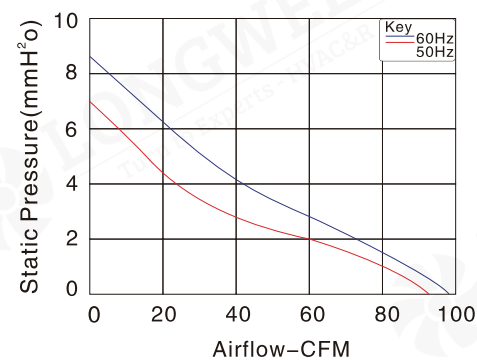
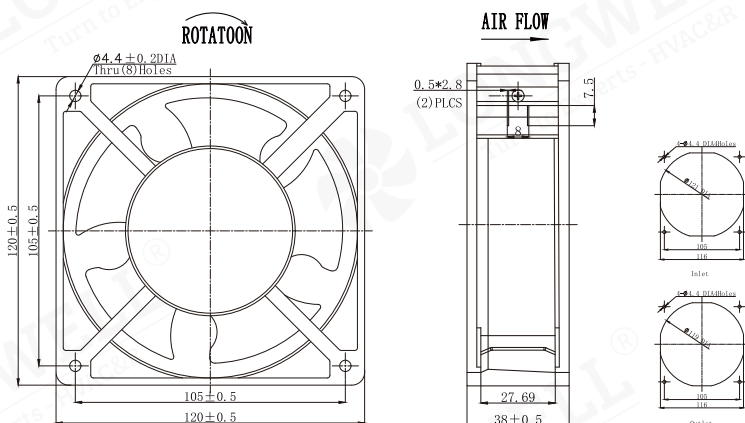
Product Characteristic

- Product Size: 120mm×120mm×38mm
- Air Flow: 76-98CFM
- Product Weight: 480g
- Product Noise: 39-48dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA12038UH-27	Sleeve	100/125	50/60	0.4/0.33	23/30	2600/3000	43/48	93/98	1	/
LWAA12038SH-31	Sleeve	200/240	50/60	0.15/0.12	21/18	2600/3000	43/48	93/98	1	/
LWAA12038TH-03	Sleeve	380/420	50/60	0.1	21	2600/3000	43/48	93/98	1	/
LWAA12038UH-28	Ball	100/125	50/60	0.4/0.33	23/30	2600/3000	43/48	93/98	1	/
LWAA12038SH-32	Ball	200/240	50/60	0.15/0.12	21/18	2600/3000	43/48	93/98	1	/
LWAA12038TH-04	Ball	380/420	50/60	0.1	21	2600/3000	43/48	93/98	1	/
LWAA12038UM-29	Sleeve	100/125	50/60	0.24	18	2200/2600	39/44	76/94	1	/
LWAA12038SM-33	Sleeve	200/240	50/60	0.11	19	2200/2600	39/44	76/94	1	/
LWAA12038UM-30	Ball	100/125	50/60	0.22	19	2200/2600	39/44	76/94	1	/
LWAA12038SM-34	Ball	200/240	50/60	0.11	19	2200/2600	39/44	76/94	1	/



LWAA12038 Serise

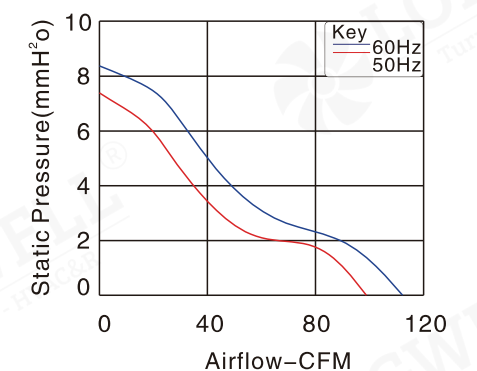
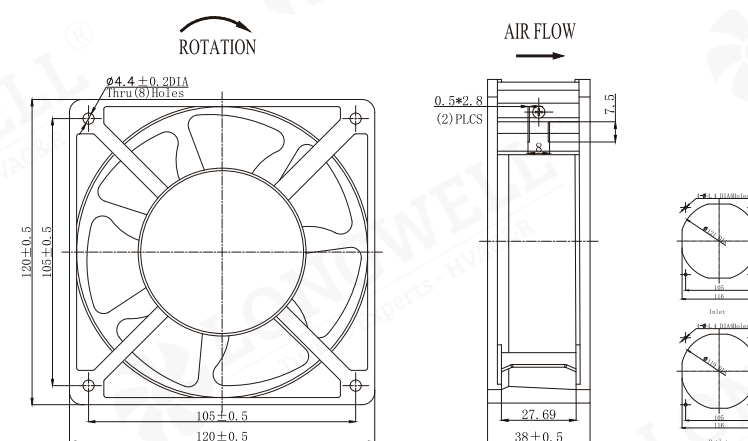
Product Characteristic

- Product Size: 120mm×120mm×38mm
- Air Flow: 78-112CFM
- Product Weight: 490g
- Product Noise: 35-44dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA12038UH-31	Sleeve	100/125	50/60	0.30	31/23	2600/3000	39/44	99/112	1	/
LWAA12038SH-35	Sleeve	200/240	50/60	0.18/0.15	25/26	2600/3000	39/44	99/112	1	/
LWAA12038UH-32	Ball	100/125	50/60	0.30	29/24	2600/3000	39/44	99/112	1	/
LWAA12038SH-36	Ball	200/240	50/60	0.18/0.15	25/26	2600/3000	39/44	99/112	1	/
LWAA12038UM-33	Sleeve	100/125	50/60	0.25	19/17	2450/2700	38/42	91/100	1	/
LWAA12038SM-37	Sleeve	200/240	50/60	0.16	16/15	2450/2700	38/42	91/100	1	/
LWAA12038UM-34	Ball	100/125	50/60	0.25	19/17	2450/2700	39/42	91/100	1	/
LWAA12038SM-38	Ball	200/240	50/60	0.16	16/15	2450/2700	39/42	91/100	1	/
LWAA12038UL-35	Sleeve	100/125	50/60	0.20	14/13	2100/2400	35/40	78/91	1	/
LWAA12038SL-39	Sleeve	200/240	50/60	0.10	12/11	2100/2450	35/40	78/91	1	/
LWAA12038UL-36	Ball	100/125	50/60	0.20	14/13	2100/2450	35/38	78/91	1	/
LWAA12038SL-40	Ball	200/240	50/60	0.10	12/11	2100/2450	35/38	78/91	1	/



LWAA15050 Serise

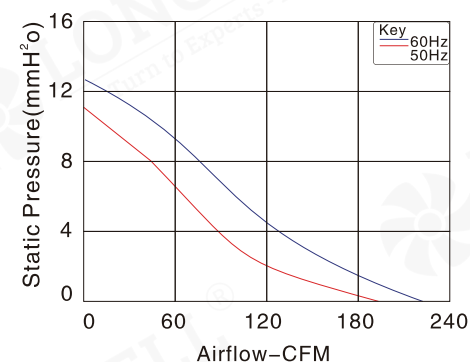
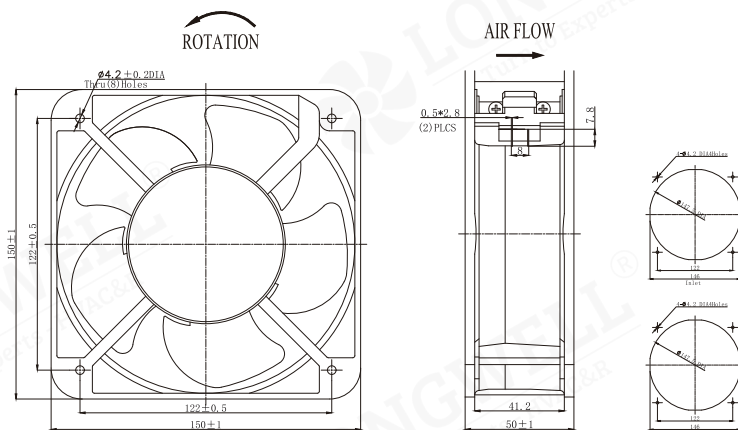
Product Characteristic

- Product Size: 150mm×150mm×50mm
- Air Flow: 170-210CFM
- Product Weight: 850g
- Product Noise: 49-59dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA15050UH-25	Sleeve	100/125	50/60	0.40	38	2600/2900	53/59	190/210	1	/
LWAA15050SH-25	Sleeve	200/240	50/60	0.19	25	2600/2900	53/59	190/210	1	/
LWAA15050TH-01	Sleeve	380/420	50/60	0.12	38	2600/2900	53/59	190/210	1	/
LWAA15050UH-26	Ball	100/125	50/60	0.40	38	2600/2900	53/59	190/210	1	/
LWAA15050SH-26	Ball	200/240	50/60	0.19	25	2600/2900	53/59	190/210	1	/
LWAA15050TH-02	Ball	380/420	50/60	0.12	38	2600/2900	53/59	190/210	1	/
LWAA15050UM-27	Sleeve	100/125	50/60	0.35	35	2200/2600	49/54	190/210	1	/
LWAA15050SM-27	Sleeve	200/240	50/60	0.19	35	2200/2600	49/54	170/190	1	/
LWAA15050TM-03	Sleeve	380/420	50/60	0.12	35	2200/2600	49/54	170/190	1	/
LWAA15050UM-28	Ball	100/125	50/60	0.35	35	2200/2600	49/54	170/190	1	/
LWAA15050SM-28	Ball	200/240	50/60	0.19	35	2200/2600	49/54	170/190	1	/
LWAA15050TM-04	Ball	380/420	50/60	0.05/0.07	22/18	2350/2600	49/54	170/190	1	/



LWAA17238 Serise

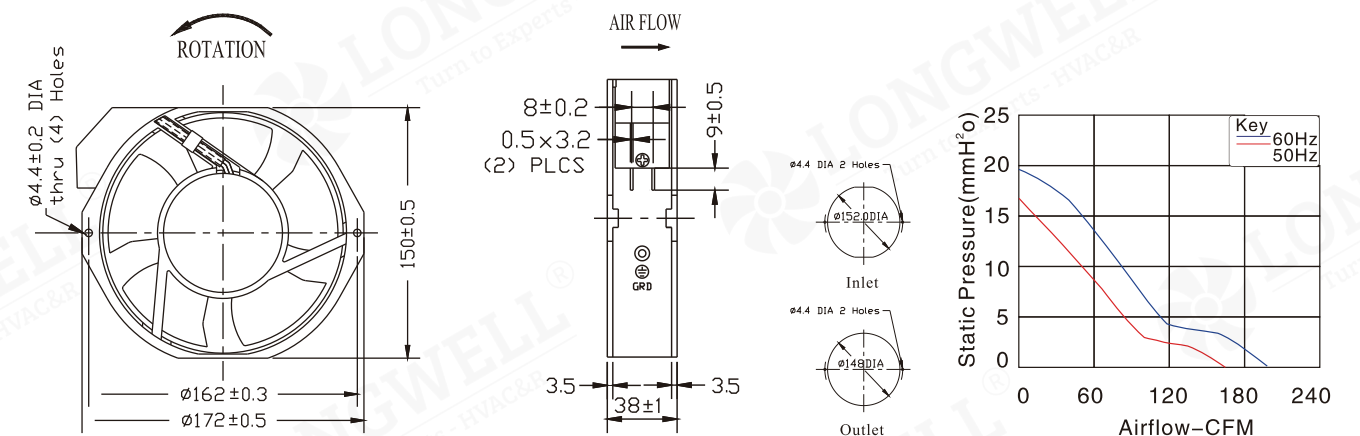
Product Characteristic

- Product Size: 172mm×150mm×38mm
- Air Flow: 85-230CFM
- Product Weight: 750g
- Product Noise: 38-58dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA17238UH-01	Sleeve	100/125	50/60	0.35/0.33	34/33	2850/3300	54/58	185/211	1	/
LWAA17238SH-02	Sleeve	200/240	50/60	0.13/0.13	27/28	2850/3300	54/58	195/230	1	/
LWAA17238TH-01	Sleeve	380/420	50/60	0.08/0.09	31/36	2850/3300	54/58	195/230	1	/
LWAA17238UM-02	Ball	100/125	50/60	0.17/0.18	28/29	2500/2800	52/57	146/165	1	/
LWAA17238SM-03	Ball	200/240	50/60	0.11/0.12	28/29	2500/2800	52/57	146/165	1	/
LWAA17238TM-01	Ball	380/420	50/60	0.17/0.18	28/27	2500/2800	52/57	146/165	1	/
LWAA17238UL-03	Sleeve	100/125	50/60	0.17/0.15	29/28	1400/1700	38/44	85/103	1	/
LWAA17238SL-04	Sleeve	200/240	50/60	0.08/0.07	27/26	1400/1700	38/44	85/103	1	/



LWAA17050 Serise

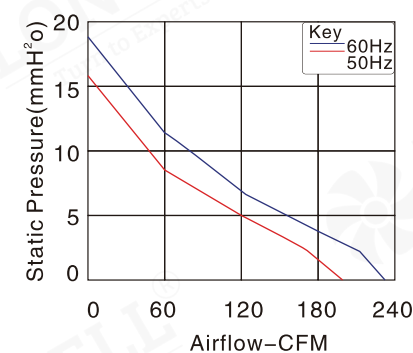
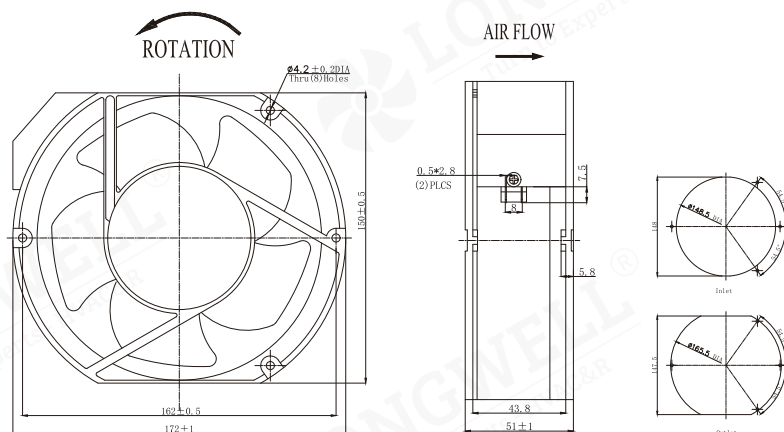
Product Characteristic

- Product Size: 172mm×150mm×51mm
- Air Flow: 105-235CFM
- Product Weight: 820g
- Product Noise: 30-50dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA17050UH-02	Sleeve	100/125	50/60	0.50/0.45	37/36	2700/3100	45/50	190/235	1	/
LWAA17050SH-02	Sleeve	200/240	50/60	0.22/0.21	34/33	2700/3100	45/50	190/235	1	/
LWAA17050UH-03	Ball	100/125	50/60	0.50/0.45	37/36	2700/3100	45/50	190/235	1	/
LWAA17050SH-03	Ball	200/240	50/60	0.22/0.21	34/33	2700/3100	45/50	190/235	1	/
LWAA17050UM-04	Sleeve	100/125	50/60	0.41/0.39	32/30	2400/2300	41/40	170/160	1	/
LWAA17050SM-04	Sleeve	200/240	50/60	0.19/0.18	30/28	2400/2300	41/40	170/160	1	/
LWAA17050UM-05	Ball	100/125	50/60	0.41/0.39	32/30	2400/2300	41/40	170/160	1	/
LWAA17050SM-05	Ball	200/240	50/60	0.19/0.18	30/28	2400/2300	41/40	170/160	1	/
LWAA17050UL-06	Sleeve	100/125	50/60	0.35/0.35	26/25	1900/1500	32/30	125/105	1	/
LWAA17050SL-06	Sleeve	200/240	50/60	0.16/0.16	26/25	1900/1500	32/30	125/105	1	/
LWAA17050UL-07	Ball	100/125	50/60	0.35/0.35	26/25	1900/1500	32/30	125/105	1	/
LWAA17050SL-07	Ball	200/240	50/60	0.16/0.16	26/25	1900/1500	32/30	125/105	1	/



LWAA17050 Serise

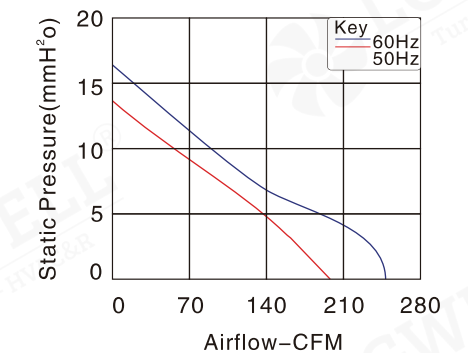
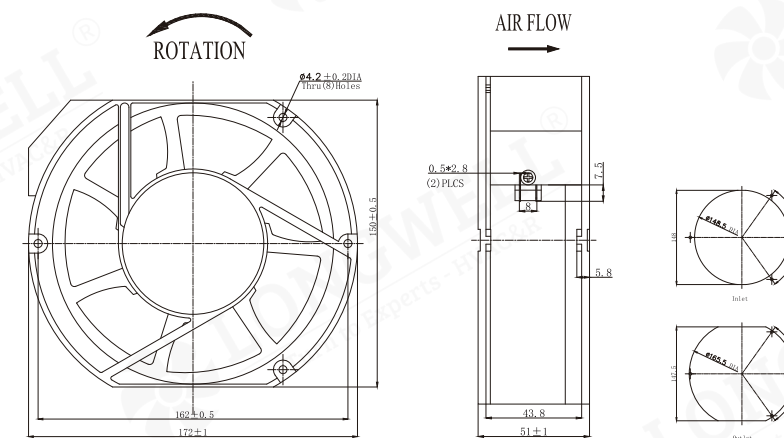
Product Characteristic

- Product Size: 172mm×150mm×51mm
- Air Flow: 115-245CFM
- Product Weight: 850g
- Product Noise: 30-52dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA17050UH-08	Sleeve	100/125	50/60	0.50/0.45	37/36	2700/3100	46/52	200/245	1	/
LWAA17050SH-08	Sleeve	200/240	50/60	0.22/0.21	34/33	2700/3100	46/52	200/245	1	/
LWAA17050UH-09	Ball	100/125	50/60	0.50/0.45	37/36	2700/3100	46/52	200/245	1	/
LWAA17050SH-09	Ball	200/240	50/60	0.22/0.21	34/33	2700/3100	46/52	200/245	1	/
LWAA17050UM-10	Sleeve	100/125	50/60	0.41/0.39	32/30	2400/2300	43/42	178/166	1	/
LWAA17050SM-10	Sleeve	200/240	50/60	0.19/0.18	30/28	2400/2300	43/42	178/166	1	/
LWAA17050UM-11	Ball	100/125	50/60	0.41/0.39	32/30	2400/2300	43/42	178/166	1	/
LWAA17050SM-11	Ball	200/240	50/60	0.19/0.18	30/28	2400/2300	43/42	178/166	1	/
LWAA17050UL-12	Sleeve	100/125	50/60	0.35/0.35	26/25	1900/1500	35/30	130/115	1	/
LWAA17050SL-12	Sleeve	200/240	50/60	0.16/0.16	26/25	1900/1500	35/30	130/115	1	/
LWAA17050UL-13	Ball	100/125	50/60	0.35/0.35	26/25	1900/1500	35/30	130/115	1	/
LWAA17050SL-13	Ball	200/240	50/60	0.16/0.16	26/25	1900/1500	35/30	130/115	1	/



LWAA17251 Serise

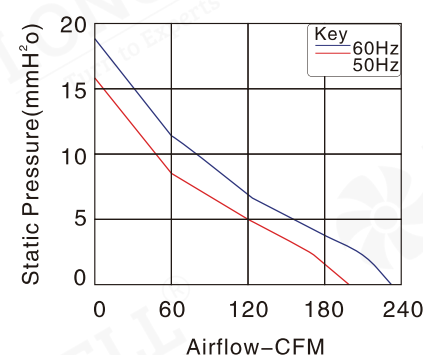
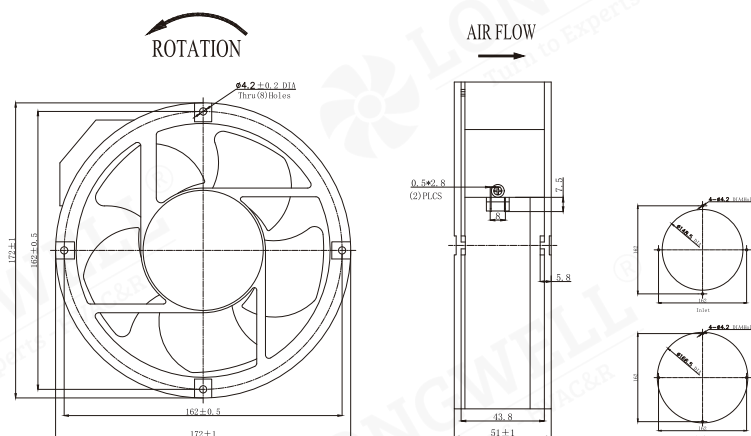
Product Characteristic

- Product Size: Ø172mmx51mm
- Air Flow: 105-235CFM
- Product Weight: 840g
- Product Noise: 30-50dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA17251UH-25	Sleeve	100/125	50/60	0.50/0.45	37/36	2700/3100	45/50	190/235	1	/
LWAA17251SH-25	Sleeve	200/240	50/60	0.22/0.21	34/33	2700/3100	45/50	190/235	1	/
LWAA17251UH-26	Ball	100/125	50/60	0.50/0.45	37/36	2700/3100	45/50	190/235	1	/
LWAA17251SH-26	Ball	200/240	50/60	0.22/0.21	34/33	2700/3100	45/50	190/235	1	/
LWAA17251UM-27	Sleeve	100/125	50/60	0.41/0.39	32/30	2400/2300	41/40	170/160	1	/
LWAA17251SM-27	Sleeve	200/240	50/60	0.19/0.18	30/28	2400/2300	41/40	170/160	1	/
LWAA17251UM-28	Ball	100/125	50/60	0.41/0.39	32/30	2400/2300	41/40	170/160	1	/
LWAA17251SM-28	Ball	200/240	50/60	0.19/0.18	30/28	2400/2300	41/40	170/160	1	/
LWAA17251UL-29	Sleeve	100/125	50/60	0.35/0.35	26/25	1900/1500	32/30	125/105	1	/
LWAA17251SL-29	Sleeve	200/240	50/60	0.16/0.16	26/25	1900/1500	32/30	125/105	1	/
LWAA17251UL-30	Ball	100/125	50/60	0.35/0.35	26/25	1900/1500	32/30	125/105	1	/
LWAA17251SL-30	Ball	200/240	50/60	0.16/0.16	26/25	1900/1500	32/30	125/105	1	/



LWAA17050 Serise

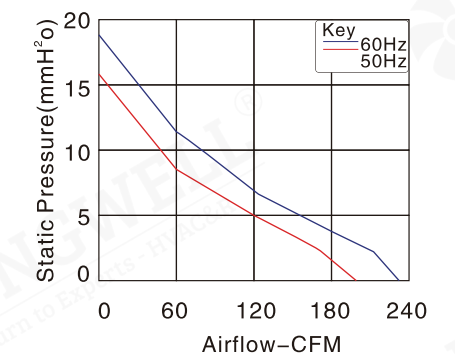
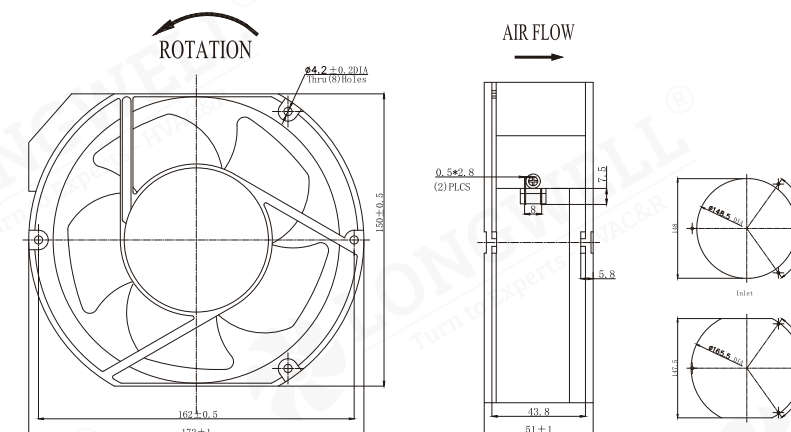
Product Characteristic

- Product Size: 172mm×150mm×51mm
- Air Flow: 215-225CFM
- Product Weight: 880g
- Product Noise: 51-58dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA17050UH-01	Bal	100/125	50/60	0.38/0.32	35/34	2850/3350	51/58	215/225	1	3.3/250
LWAA17050SH-01	Bal	200/240	50/60	0.11/0.11	25/27	2850/3350	51/58	215/225	1	0.75/500



LWAA16060 Serise

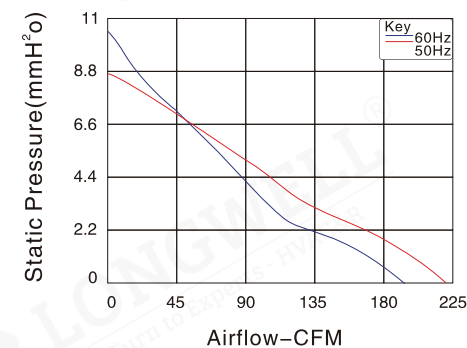
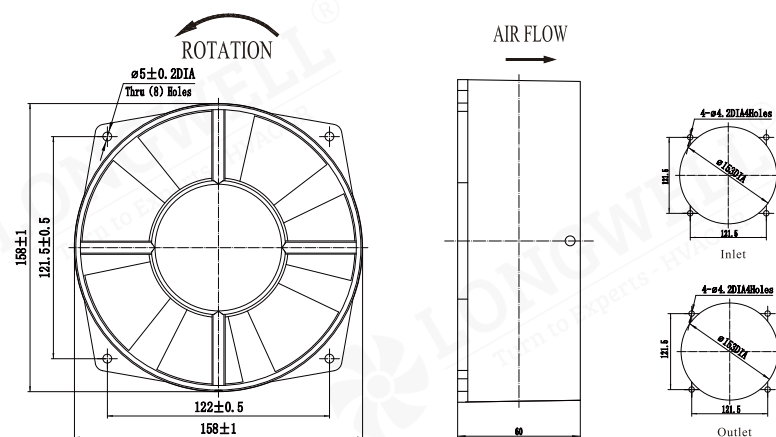
Product Characteristic

- Product Size: 160mm×160mm×60mm
- Air Flow: 194-223CFM
- Product Weight: 1250g
- Product Noise: 65-68dB(A)
- Impeller Material: Polypropylene
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1332(Optional)
- Motor: Capacitor-run induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA16060UH-01	Ball	100/125	50/60	0.32	30	2750/3150	65/68	194/223	1	3/500
LWAA16060SH-01	Ball	200/240	50/60	0.13/0.1	25/24	2750/3150	65/68	194/223	1	1/500
LWAA16060TH-01	Ball	380/420	50/60	0.10	25	2750/3150	65/68	194/223	3	/
LWAA16060TH-02	Ball	380/420	50/60	0.10	23/25	2750/3150	65/68	194/223	1	0.47/500



LWAA16062 Serise

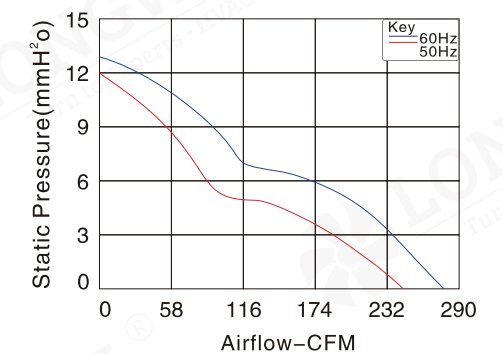
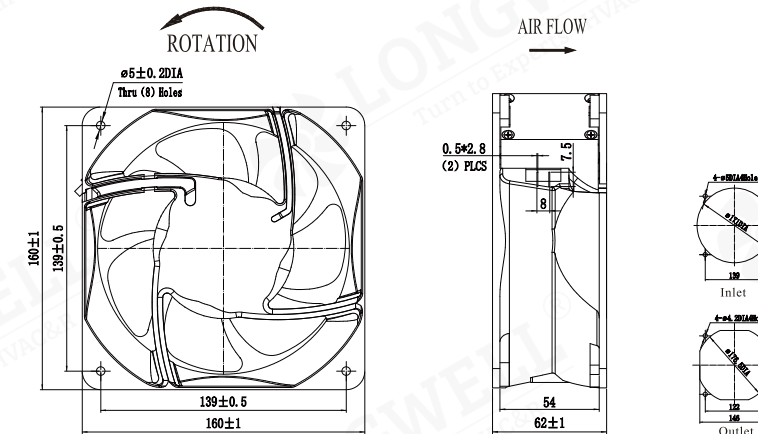
Product Characteristic

- Product Size: 160mm×160mm×62mm
- Air Flow: 220-275CFM
- Product Weight: 1200g
- Product Noise: 50-59dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Capacitor-run induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA16062UH-01	Ball	100/125	50/60	0.38/0.37	37/39	2750/3050	54/59	240/275	1	3.3/250
LWAA16062SH-01	Ball	200/240	50/60	0.15/0.17	30/36	2750/3050	54/59	240/275	1	1/500
LWAA16062TH-01	Ball	380/420	50/60	0.08/0.09	30/35	2300/2600	50/54	220/225	3	/
LWAA16062TH-02	Ball	380/420	50/60	0.1	30/35	2300/2600	50/54	220/225	1	0.33/500
LWAA16062UH-02	Ball	100/125	50/60	0.35	35	2300/2600	50/54	220/225	1	3.3/250
LWAA16062SH-02	Ball	200/240	50/60	0.18	35	2300/2600	50/54	220/225	1	1/500



LWAA18065 Serise

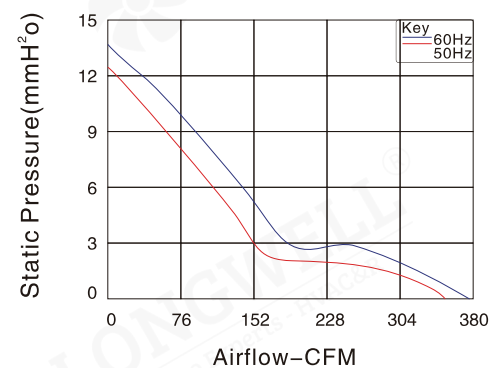
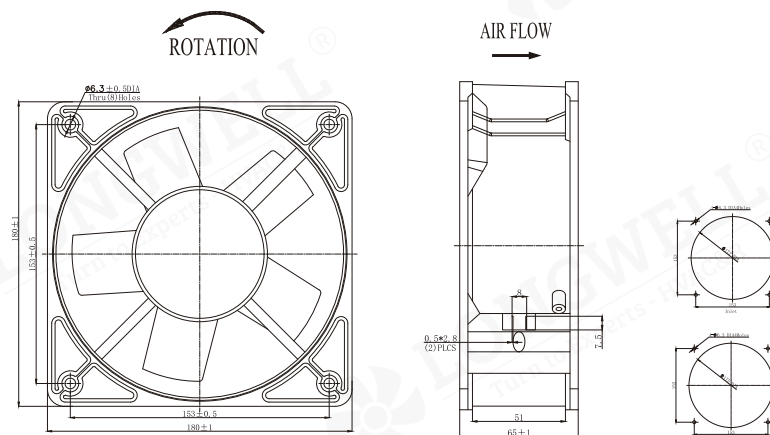
Product Characteristic

- Product Size: 180mm×180mm×65mm
- Air Flow: 355-385CFM
- Product Weight: 1190g
- Product Noise: 60-62dB(A)
- Impeller Material: Polypropylene
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#24 UL1332(Optional)
- Motor: Capacitor-run induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA18065UH-01	Ball	100/125	50/60	0.42/0.55	46/59	2700/3000	60/62	355/385	1	3.3/250
LWAA18065SH-01	Ball	200/240	50/60	0.19/0.24	40/50	2700/3000	60/62	355/385	1	1.5/500
LWAA18065TH-01	Ball	380/420	50	0.15	40/50	2700	60	355	3	/



LWAA20060 Serise

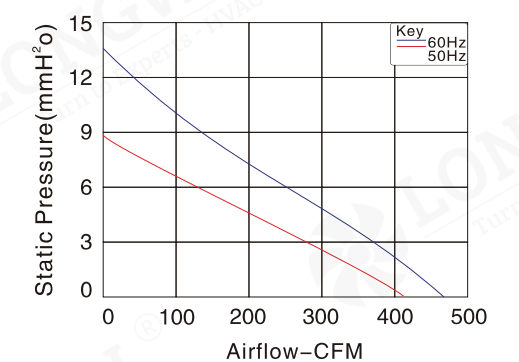
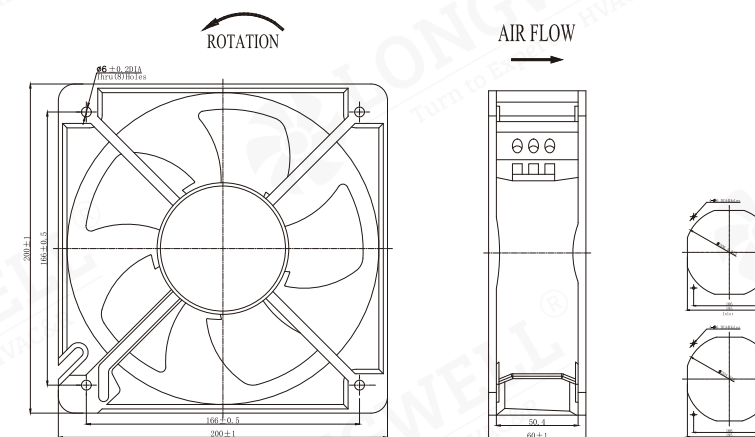
Product Characteristic

- Product Size: 200mm×200mm×60mm
- Air Flow: 350-530CFM
- Product Weight: 1480g
- Product Noise: 54-65dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#24 UL1332(Optional)
- Motor: Capacitor-run induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA20060UH-01	Ball	100/125	50/60	0.5/0.6	51/63	2600/2450	58/54	485/430	1	3.3/250
LWAA20060SH-01	Ball	200/240	50/60	0.28/0.34	54/72	2600/2450	60/65	485/430	1	1/500
LWAA20060TH-01	Ball	380/420	50/60	0.15/0.17	52/62	2600/2450	60/65	485/430	3	/
LWAA20060TH-02	Ball	380/420	50/60	0.2	60	2600/2450	60/65	460/530	1	1/500
LWAA20060UH-02	Ball	100/125	50/60	0.6	60	2100/2500	60/65	350/400	3	3.3/250
LWAA20060SH-02	Ball	200/240	50/60	0.25	42	2100/2500	60/65	350/400	1	1/500



LWAA21070 Serise

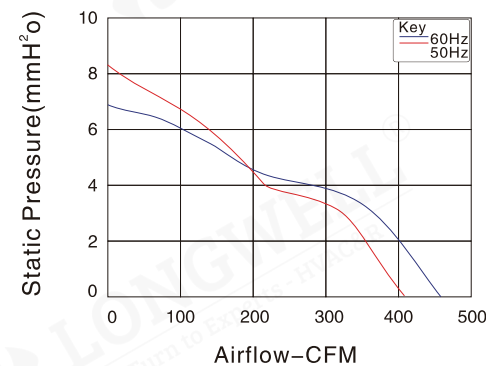
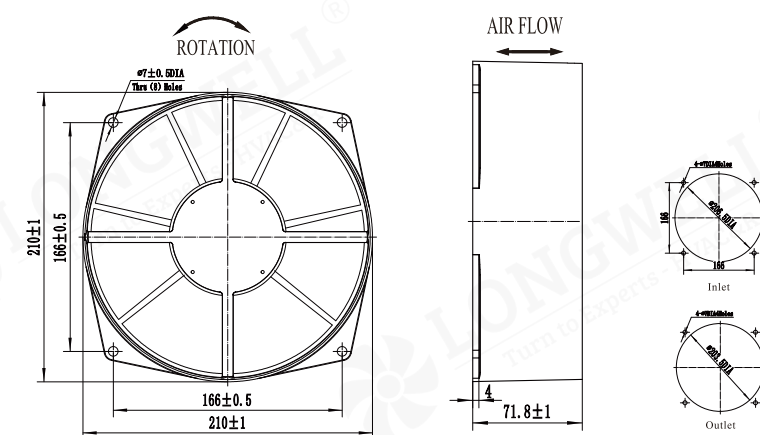
Product Characteristic

- Product Size: 210mm×210mm×70mm
- Air Flow: 419-468CFM
- Product Weight: 1700g
- Product Noise: 70-75dB(A)
- Impeller Material: Polypropylene
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#24 UL1332(Optional)
- Motor: Capacitor-run induction motor
- Operating Temperature: -10 C~+65 C



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA21070UH-01	Ball	100/125	50/60	0.35/0.43	45/52	2550/2950	70/75	419/468	1	3.3/250
LWAA21070SH-01	Ball	200/240	50/60	0.2/0.22	45/52	2550/2950	70/75	419/468	1	1/500
LWAA21070TH-01	Ball	380/420	50/60	0.13/0.15	45/58	2550/2950	70/75	419/468	3	/
LWAA21070TH-02	Ball	380/420	50/60	0.11/0.13	45/58	2550/2950	70/75	419/468	1	1/500



LWAA22060 Serise

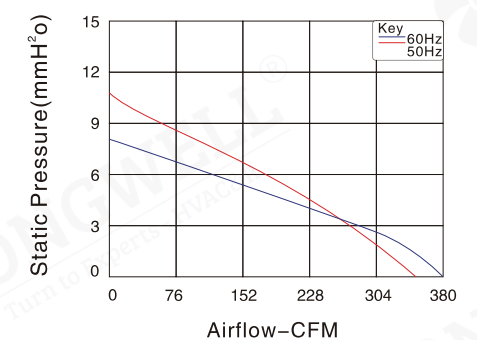
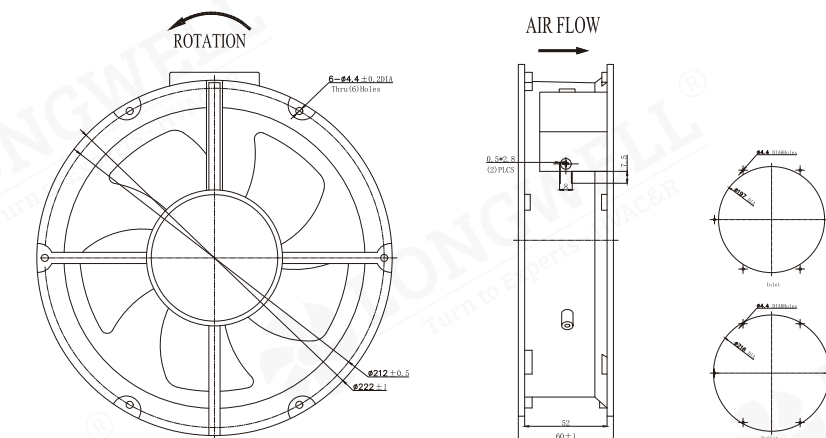
Product Characteristic

- Product Size: Ø220mmx60mm
- Air Flow: 357-386CFM
- Product Weight: 1600g
- Product Noise: 63-67dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: Terminal block
- Lead Wire: AWG#22 UL1332(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10 C~+65 C



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA22060SH-03	Ball	200/240	50/60	0.4/0.37	56/53	2800/3150	63/67	357/386	1	/



LWAA2509 Serise

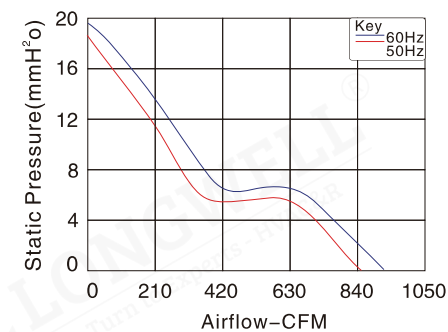
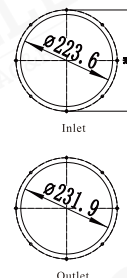
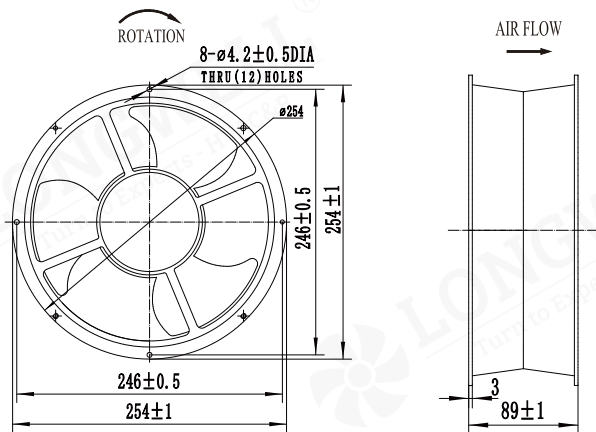
Product Characteristic

- Product Size: Ø254mmx89mm
- Air Flow: 600-880CFM
- Product Weight: 2208g
- Product Noise: 60-70dB(A)
- Impeller Material: PBT UL94-V0
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1015(Optional)
- Motor: Capacitor-run induction motor
- Operating Temperature: -10 C~+65 C



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Capacitor (µF/VAC)
LWAA2509UH-01	Ball	100/125	50/60	0.7/0.85	95/100	2500/2850	68/70	810/880	8/250
LWAA2509SH-01	Ball	200/240	50/60	0.6/0.7	105/135	2500/2850	68/70	810/880	8/250
LWAA2509UH-02	Ball	100/125	50/60	0.6/0.65	75/85	2100/1900	62/60	665/600	8/250
LWAA2509SH-02	Ball	200/240	50/60	0.5/0.6	95/100	2100/1900	62/60	665/600	8/250



LWAA17055 Serise

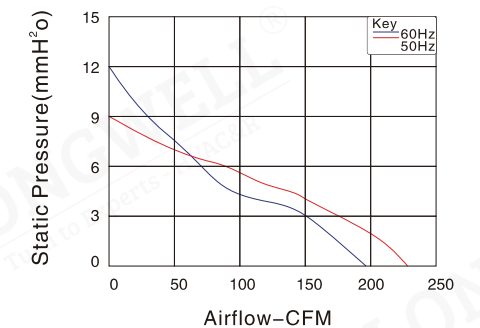
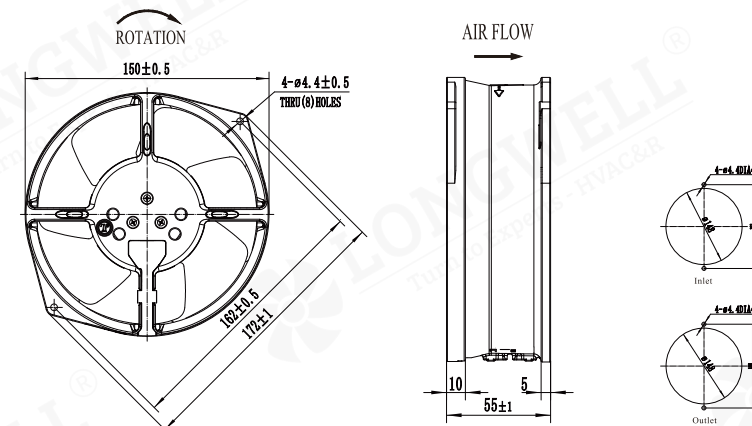
Product Characteristic

- Product Size: 172mm×150mm×55mm
- Air Flow: 191-224CFM
- Product Weight: 1200g
- Product Noise: 48-52dB(A)
- Impeller Material: Metal
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: Teflon 22#UL 1332(Optional)
- Motor: Shaded pole and external rotor induction motor
- Operating Temperature: -10 C~+65 C



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (µF/VAC)
LWAA17055UH-01	Ball	100/125	50/60	0.58/0.5	42/39	2800/3100	48/52	191/224	1	/
LWAA17055SH-01	Ball	200/240	50/60	0.25/0.2	35/31	2800/3100	48/52	191/224	1	/



LWAA20572 Serise

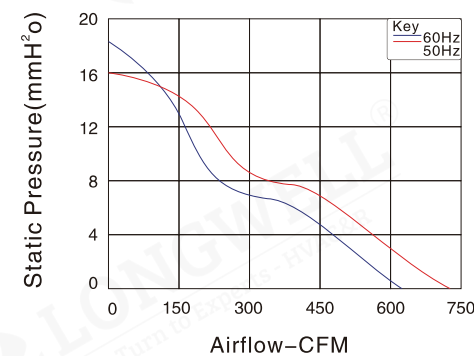
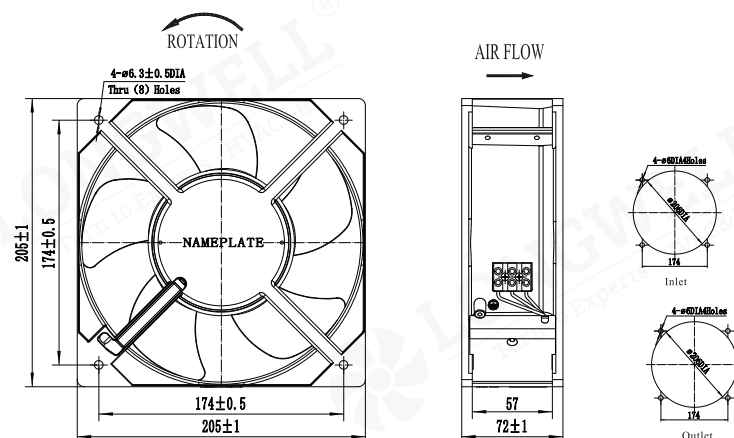
Product Characteristic

- Product Size: 205mm×205mm×72mm
- Air Flow: 610-725CFM
- Product Weight: 2100g
- Product Noise: 61-71dB(A)
- Impeller Material: Metal
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#24 UL1332(Optional)
- Motor: Capacitor-run induction motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA20572UH-01	Ball	100/125	50/60	0.62/0.88	70/100	2800/3200	67/71	610/725	1	8/250
LWAA20572SH-02	Ball	200/240	50/60	0.35/0.5	70/100	2800/3200	67/71	610/725	1	3/500
LWAA20572TH-01	Ball	380/420	50/60	0.18/0.26	68/98	2800/3200	67/71	610/725	1	/
LWAA20572TH-02	Ball	380/420	50/60	0.18/0.26	68/98	2800/3200	67/71	610/725	1	1/500



LWAA22580 Serise

Product Characteristic

- Product Size: 225mm×225mm×80mm
- Air Flow: 597-661CFM
- Product Weight: 2112g
- Product Noise: 59-61dB(A)
- Impeller Material: Metal
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: Teflon 22#UL1332(Optional)
- Motor: Capacitor-Run And External Rotor Induction Motor
- Operating Temperature: -10℃~+65℃



Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
LWAA22580UH-01	Ball	100/125	50/60	0.68/0.65	60/72	2700/3100	59/61	597/661	1	4/250
LWAA22580SH-02	Ball	200/240	50/60	0.25/0.33	54/71	2700/3100	59/61	597/661	1	2.2/500
LWAA22580TH-01	Ball	380/420	50/60	0.25	50	2700/3100	59/61	597/661	3	/
LWAA22580TH-02	Ball	380/420	50/60	0.23/0.2	68/76	2700/3100	59/61	597/661	1	1/500

