Engineered for the Critical

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



LONGWELL®
Turn to Experts - HVAC&R

Ningbo Longwell Electric Technology Co., Ltd

Headquarter: NO.100, South of Xuxiang River, Yuyao, Zhejiang Province, China 315400
Tell: +86 574 6218 9863
Fax: +86 574 6218 9863
Phone: 0086 183 5827 4663
Web: www.longwellfans.com | www.longwell-group.com | www.longwell-media.com
Email: sales@zjlongwell.com

CE RoHS BSCI ISO EAC UL LVD

LONGWELL®
Turn to Experts - HVAC&R

LONGWELL TECHNOLOGY

The Ventilation and Drive Technology Partner for Mission-Critical Environments





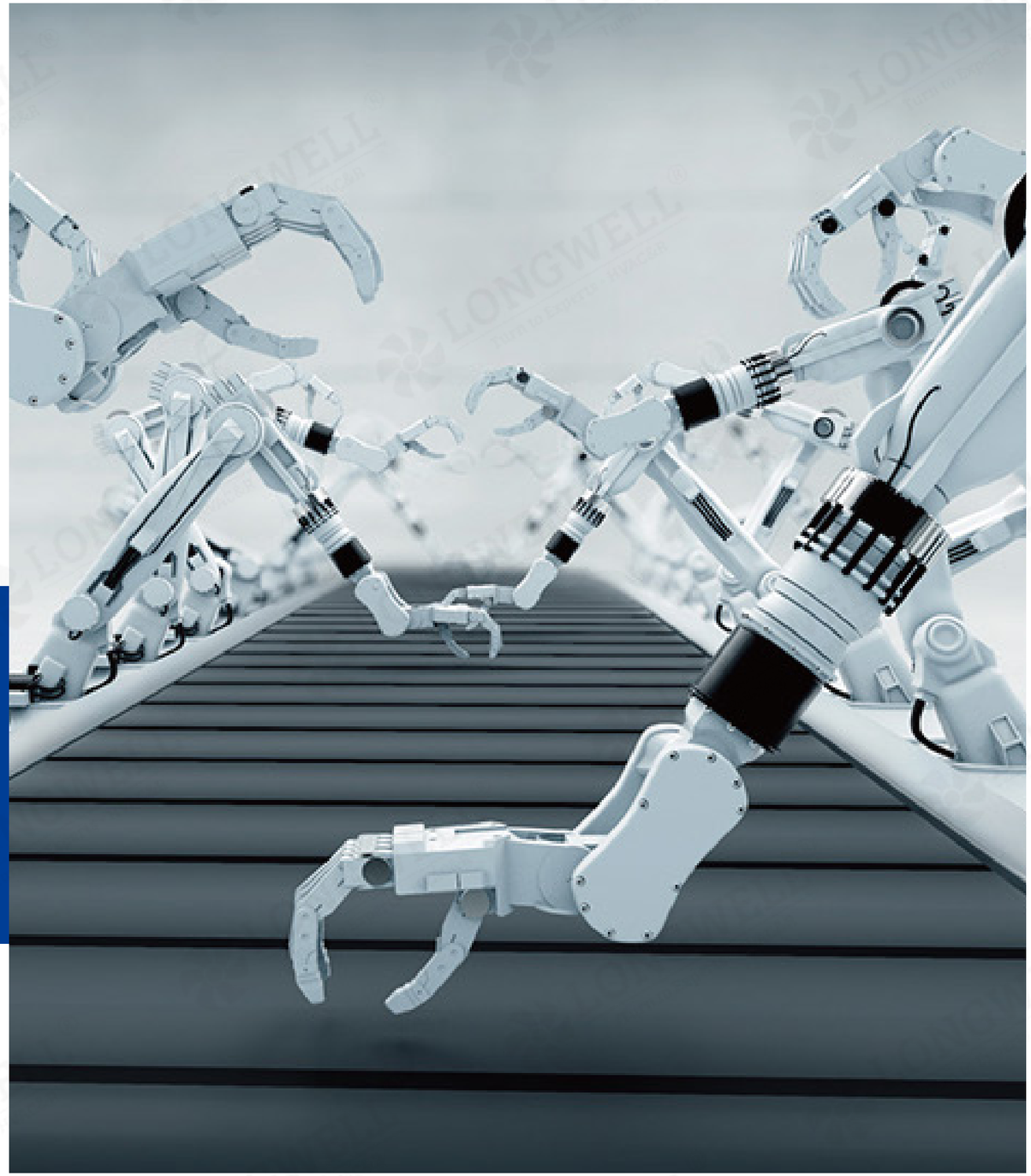


Professional Manufacturer of HVACR Fan & Motors

—— AC Axial Flow Fan

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

Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com



CATALOGUE

01-02 About Longwell

03-04 Testing and Standards

05 Type Code

06-30 AC Axial Flow Fan

Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

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.

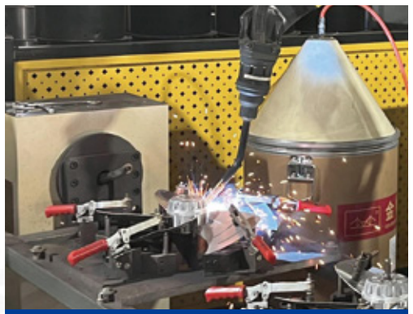
At LONGWELL, innovation is at the core of our operations, driving continuous improvement. With our extensive experience and expertise, we can quickly customize solutions that meet customer needs. We emphasize technological sophistication, utilizing advanced technologies and high-performance materials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

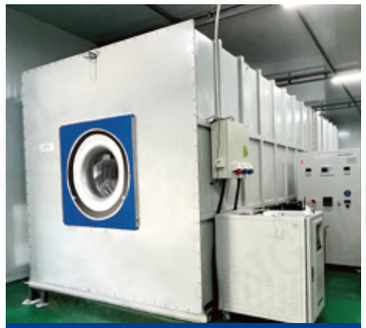

Automatic Welding


Balance Machine


Automatic Welding Machine


Production Line - Centrifugal Fan


Automatic CNC Machine


Air Dynamic Test Lab


Production Line - Axial Fans


Production Line

Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

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

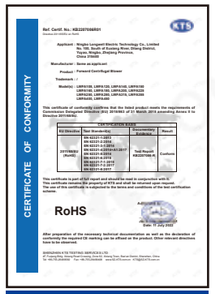

Own-Brand


Own-Brand


ETL


ETL

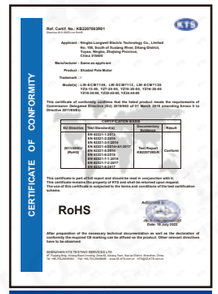

CE


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 A A 8025 U H - 01

- 01 — Series Number
- H — X-Extra High H-High M-Middle L-Low D-Extra Low
- U — T-400V S-230V U-115V K-5V L-12V M-24V H-48V
- 8025 — Frame or Impeller Size Code
- A — A-AC D-DC E-EC
- A — A-Axial Fan
- LW — Longwell

Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

AC Axial Flow Fan

Professional HVAC Fan &Motors Manufacturer



Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

LWAA8025 Serise

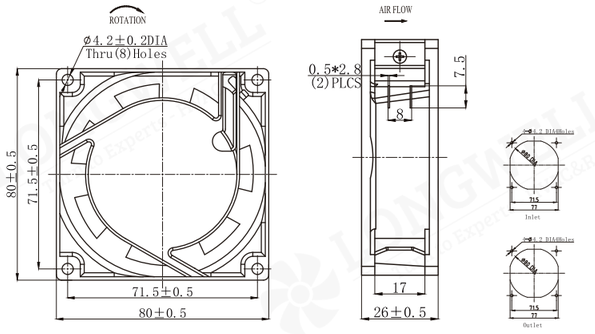
Product Characteristic

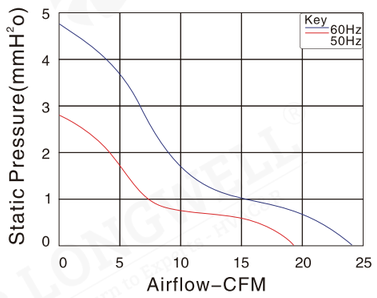
- Product Size: 80mm×80mm×25mm
- Air Flow: 19-23CFM
- Product Weight: 260g
- Product Noise: 23-26dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



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

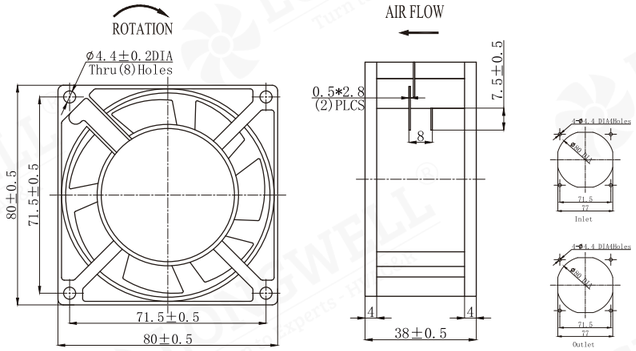
Product Characteristic

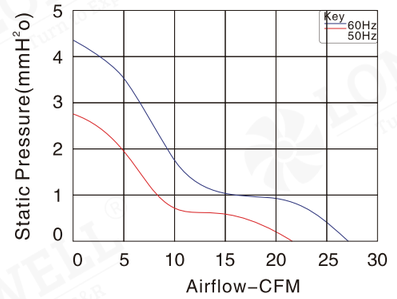
- Product Size: 80mm×80mm×38mm
- Air Flow: 22-28CFM
- Product Weight: 275g
- Product Noise: 26-32dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



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	/





Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

LWAA9225 Serise

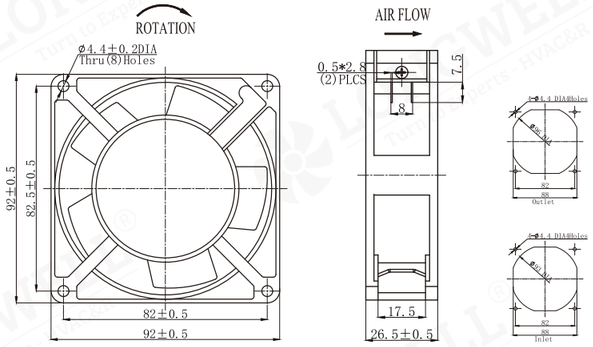
Product Characteristic

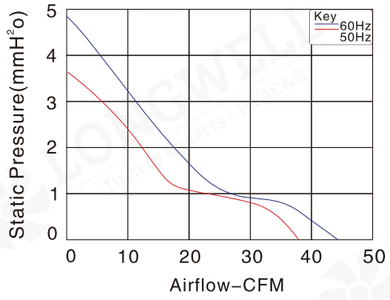
- Product Size: 92mm×92mm×25mm
- Air Flow: 23-37CFM
- Product Weight: 268g
- Product Noise: 23-40dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



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

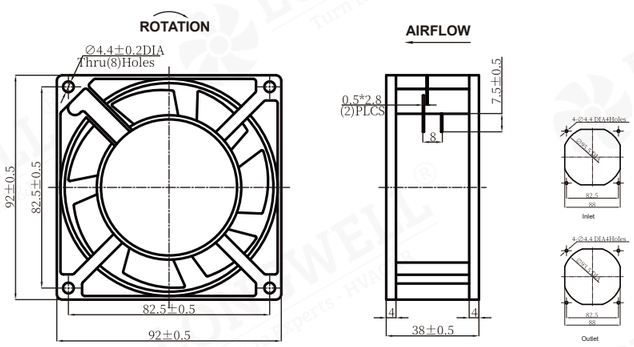
Product Characteristic

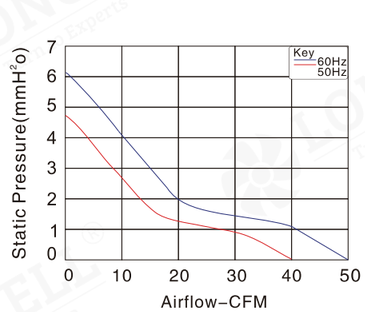
- Product Size: 92mm×92mm×38mm
- Air Flow: 38-46CFM
- Product Weight: 360g
- Product Noise: 26-31dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



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	/





Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

LWAA11025 Serise

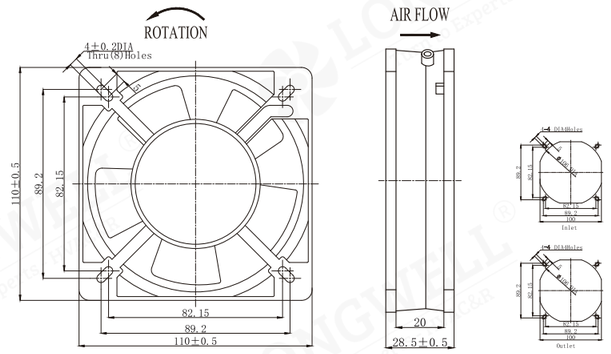
Product Characteristic

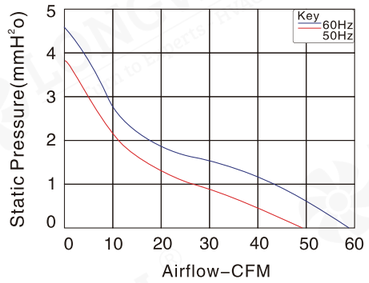
- Product Size: 110mm×110mm×25mm
- Air Flow: 45-71CFM
- Product Weight: 310g
- Product Noise: 27-38dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



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

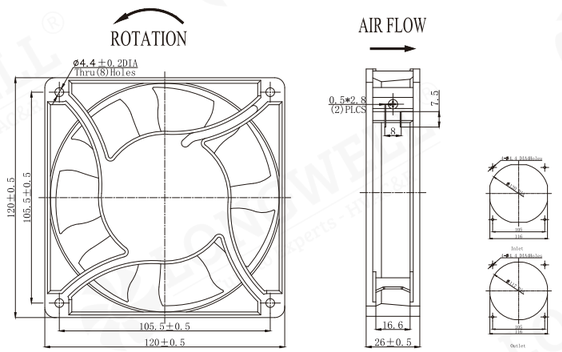
Product Characteristic

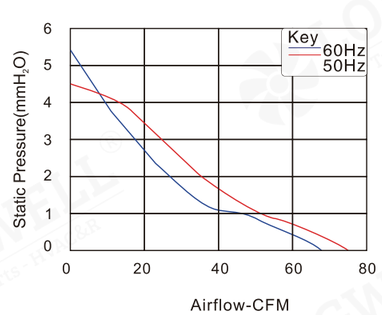
- Product Size: 120mm×120mm×25mm
- Air Flow: 50-76CFM
- Product Weight: 350g
- Product Noise: 31-41dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



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

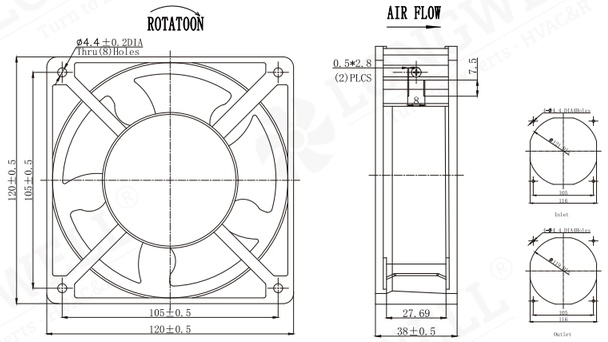
Product Characteristic

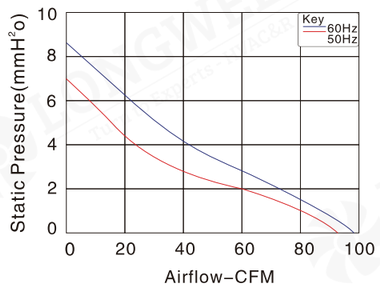
- Product Size: 120mm×120mm×38mm
- Air Flow: 76-98CFM
- Product Weight: 480g
- Product Noise: 39-48dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



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	Sleevel	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

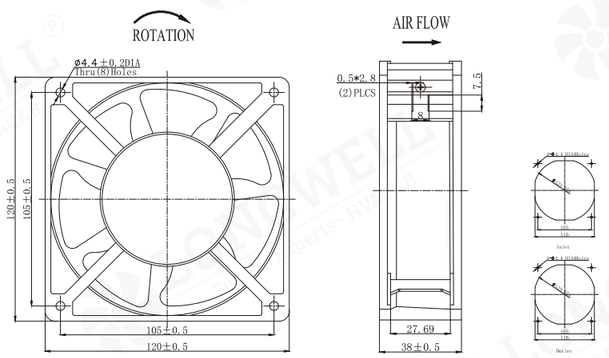
Product Characteristic

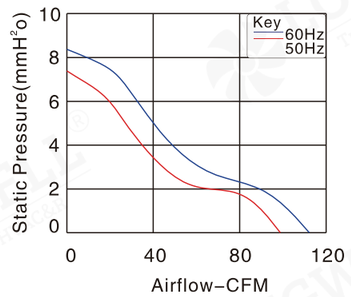
- Product Size: 120mm×120mm×38mm
- Air Flow: 78-112CFM
- Product Weight: 490g
- Product Noise: 35-44dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



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	/





Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

LWAA15050 Serise

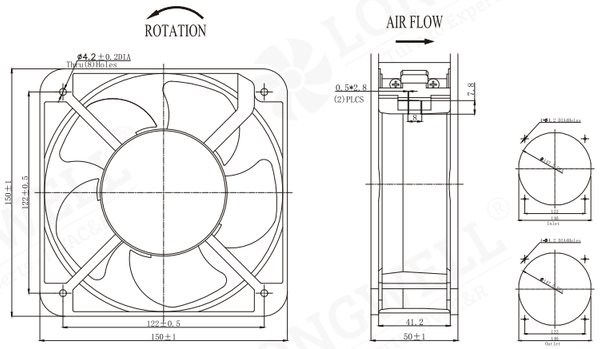
Product Characteristic

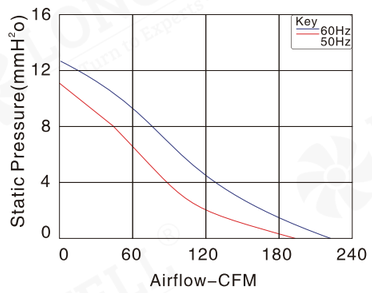
- Product Size: 150mm×150mm×50mm
- Air Flow: 170-210CFM
- Product Weight: 850g
- Product Noise: 49-59dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



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	Sleevel	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

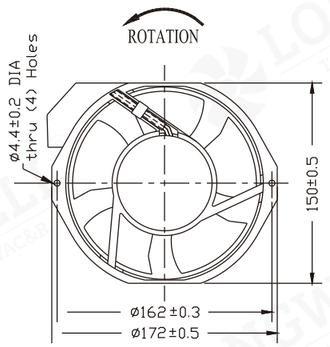
Product Characteristic

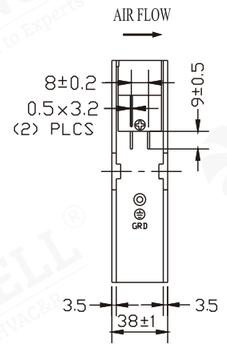
- Product Size: 172mm×150mm×38mm
- Air Flow: 85-230CFM
- Product Weight: 750g
- Product Noise: 38-58dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃

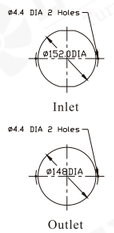


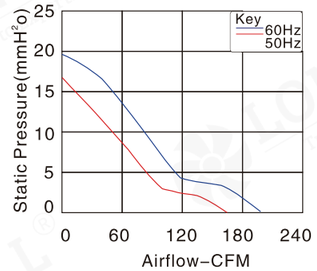
Technical Specifications

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

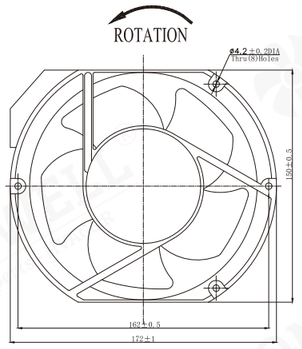
Product Characteristic

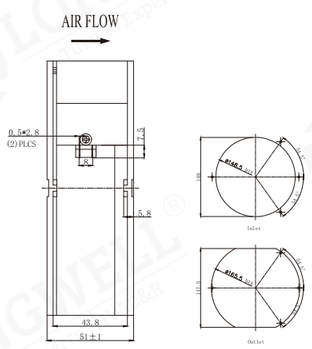
- Product Size: 172mm×150mm×51mm
- Air Flow: 105-235CFM
- Product Weight: 820g
- Product Noise: 30-50dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃

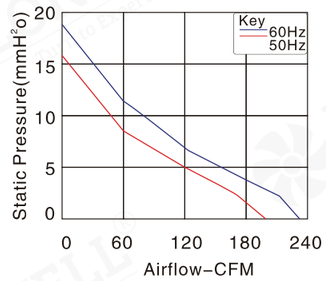


Technical Specifications

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	/







Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

LWAA17050 Serise

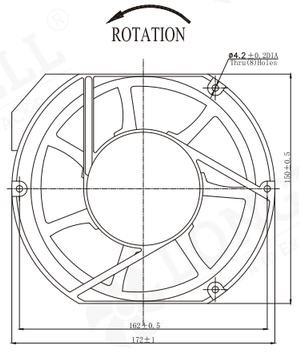
Product Characteristic

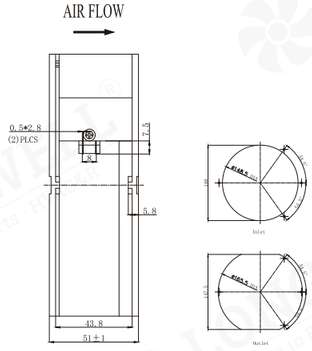
- Product Size: 172mm×150mm×51mm
- Air Flow: 115-245CFM
- Product Weight: 850g
- Product Noise: 30-52dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃

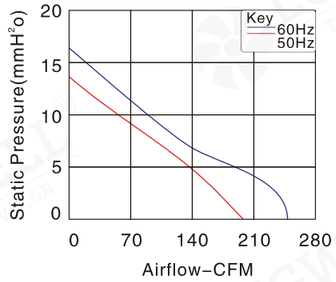


Technical Specifications

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	/







Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

LWAA17251 Serise

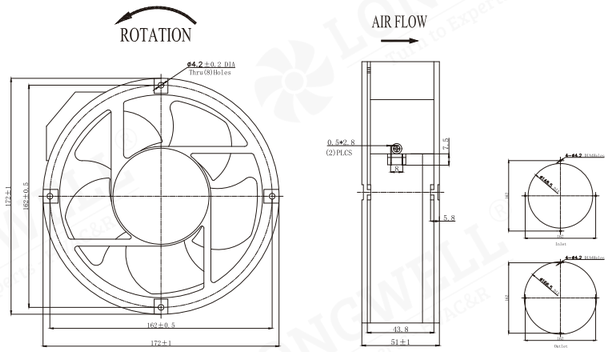
Product Characteristic

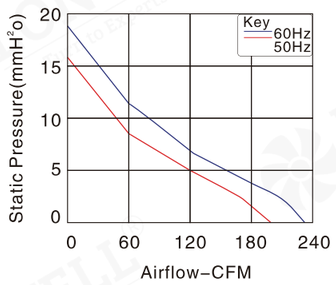
- Product Size: Ø172mmx51mm
- Air Flow: 105-235CFM
- Product Weight: 840g
- Product Noise: 30-50dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



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

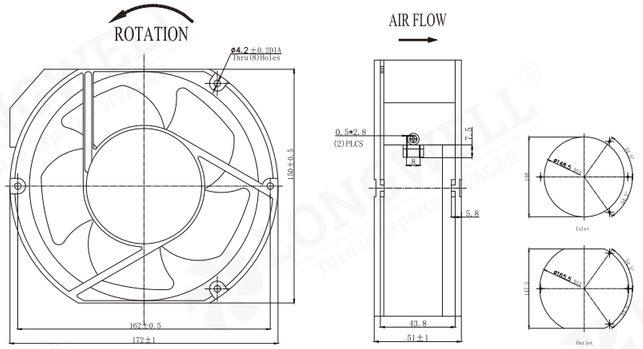
Product Characteristic

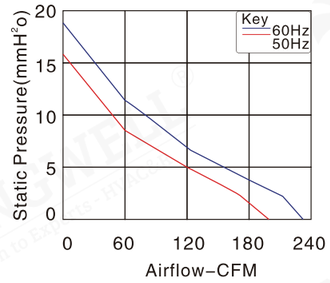
- Product Size: 172mm×150mm×51mm
- Air Flow: 215-225CFM
- Product Weight: 880g
- Product Noise: 51-58dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃



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





Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

LWAA16060 Serise

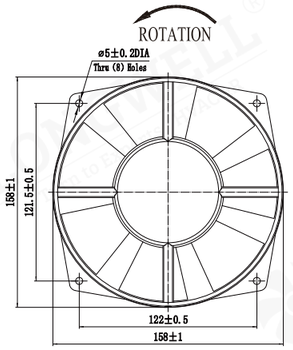
Product Characteristic

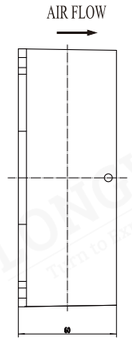
- Product Size: 160mm×160mm×60mm
- Air Flow: 194-223CFM
- Product Weight: 1250g
- Product Noise: 65-68dB(A)
- Impeller Material: Polypropylene
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1332(Optional)
- Motor: Capacitor-run induction motor
- Operating Temperature: -10℃~+65℃

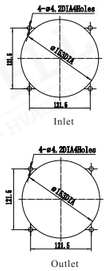


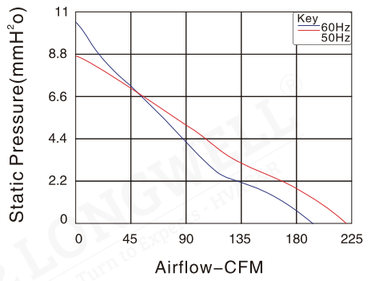
Technical Specifications

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

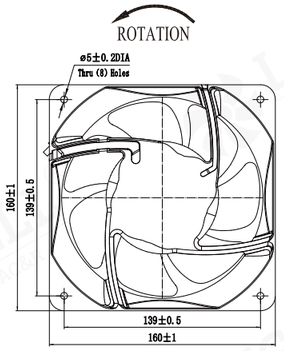
Product Characteristic

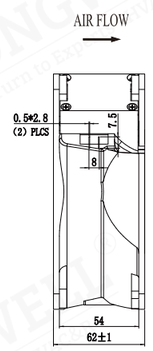
- Product Size: 160mm×160mm×62mm
- Air Flow: 220-275CFM
- Product Weight: 1200g
- Product Noise: 50-59dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1569(Optional)
- Motor: Capacitor-run induction motor
- Operating Temperature: -10℃~+65℃

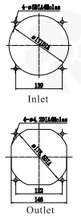


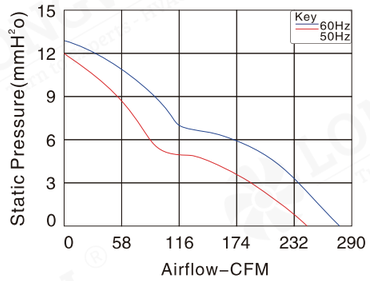
Technical Specifications

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









Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

LWAA18065 Serise

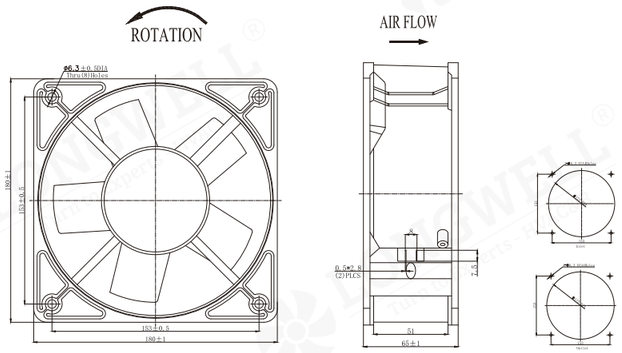
Product Characteristic

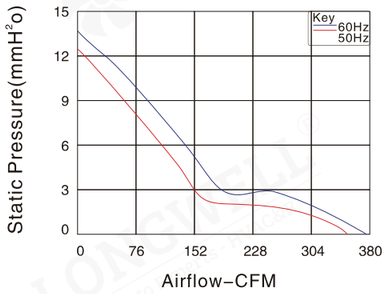
- Product Size: 180mm×180mm×65mm
- Air Flow: 355-385CFM
- Product Weight: 1190g
- Product Noise: 60-62dB(A)
- Impeller Material: Polypropylene
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#24 UL1332(Optional)
- Motor: Capacitor-run induction motor
- Operating Temperature: -10℃~+65℃



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

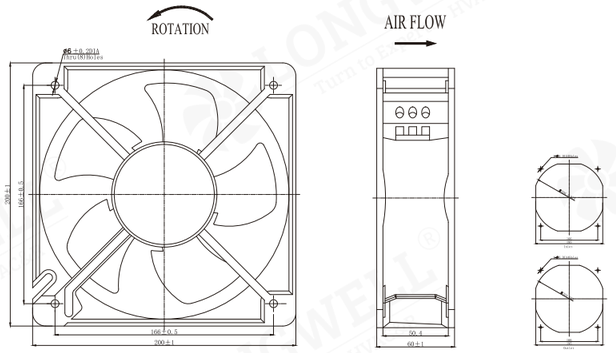
Product Characteristic

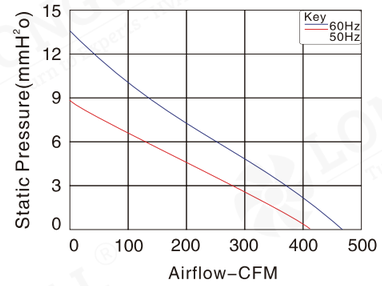
- Product Size: 200mm×200mm×60mm
- Air Flow: 350-530CFM
- Product Weight: 1480g
- Product Noise: 54-65dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#24 UL1332(Optional)
- Motor: Capacitor-run induction motor
- Operating Temperature: -10℃~+65℃



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





Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

LWAA21070 Serise

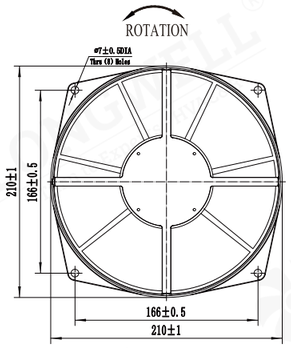
Product Characteristic

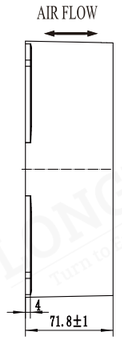
- Product Size: 210mm×210mm×70mm
- Air Flow: 419-468CFM
- Product Weight: 1700g
- Product Noise: 70-75dB(A)
- Impeller Material: Polypropylene
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#24 UL1332(Optional)
- Motor: Capacitor-run induction motor
- Operating Temperature: -10℃~+65℃

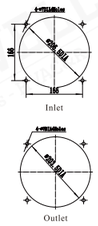


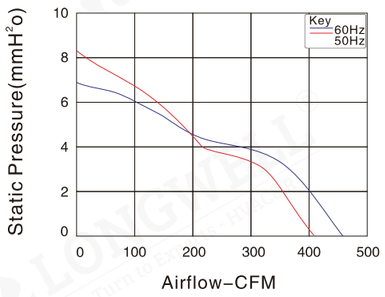
Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
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

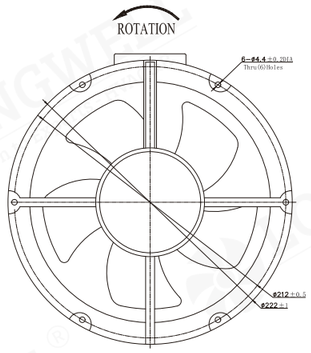
Product Characteristic

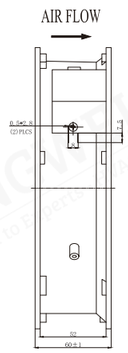
- Product Size: Ø220mmx60mm
- Air Flow: 357-386CFM
- Product Weight: 1600g
- Product Noise: 63-67dB(A)
- Impeller Material: PBT UL94-VO
- Frame Material: Aluminum Alloy
- Terminals: Terminal block
- Lead Wire: AWG#22 UL1332(Optional)
- Motor: Shaded pole induction motor
- Operating Temperature: -10℃~+65℃

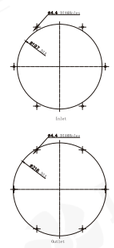


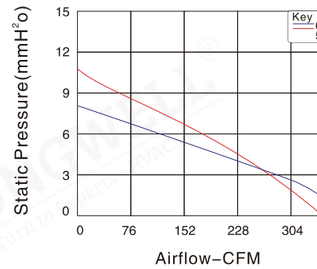
Technical Specifications

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









Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

LWAA2509 Serise

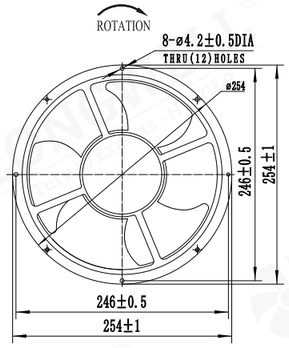
Product Characteristic

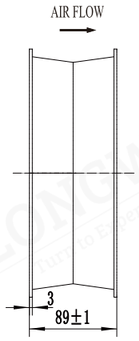
- Product Size: Ø254mmx89mm
- Air Flow: 600-880CFM
- Product Weight: 2208g
- Product Noise: 60-70dB(A)
- Impeller Material: PBT UL94-V0
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#22 UL1015(Optional)
- Motor: Capacitor-run induction motor
- Operating Temperature: -10℃~+65℃

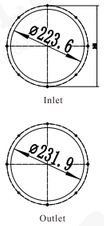


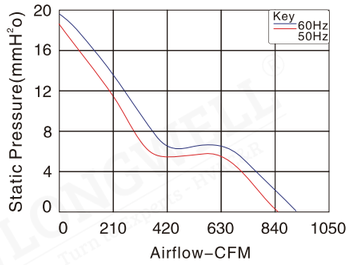
Technical Specifications

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

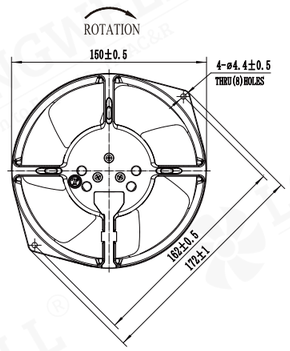
Product Characteristic

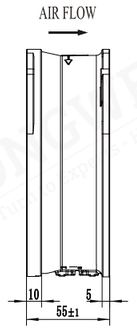
- Product Size: 172mm×150mm×55mm
- Air Flow: 191-224CFM
- Product Weight: 1200g
- Product Noise: 48-52dB(A)
- Impeller Material: Metal
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: Teflon 22#UL 1332(Optional)
- Motor: Shaded pole and external rotor induction motor
- Operating Temperature: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

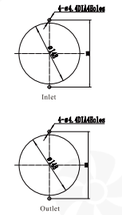


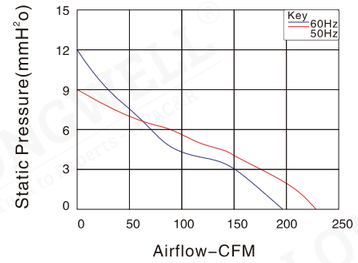
Technical Specifications

Model	Bearing System	Voltage (VAC)	Frequency (Hz)	Current (A)	Power (W)	Speed (RPM)	Noise [dB(A)]	Air Volume (CFM)	Phase	Capacitor (μF/VAC)
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	/









Ningbo Longwell Electric Technology Co., Ltd
https://www.longwellfans.com Email:sales@zjlongwell.com

LWAA20572 Serise

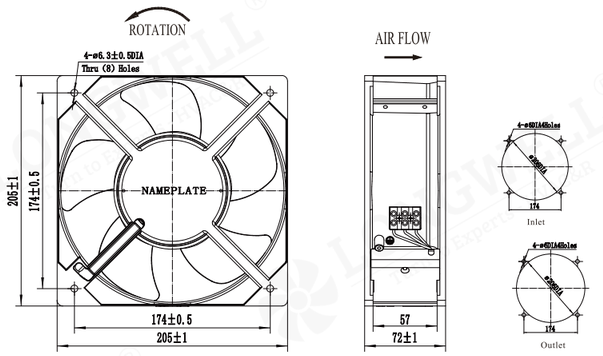
Product Characteristic

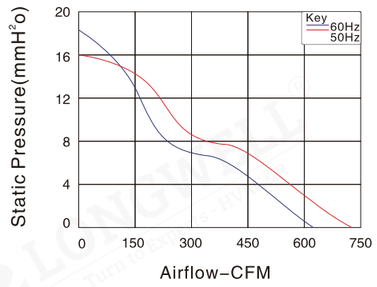
- Product Size: 205mm×205mm×72mm
- Air Flow: 610-725CFM
- Product Weight: 2100g
- Product Noise: 61-71dB(A)
- Impeller Material: Metal
- Frame Material: Aluminum Alloy
- Terminals: 0.5mm
- Lead Wire: AWG#24 UL1332(Optional)
- Motor: Capacitor-run induction motor
- Operating Temperature: -10℃~+65℃



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

