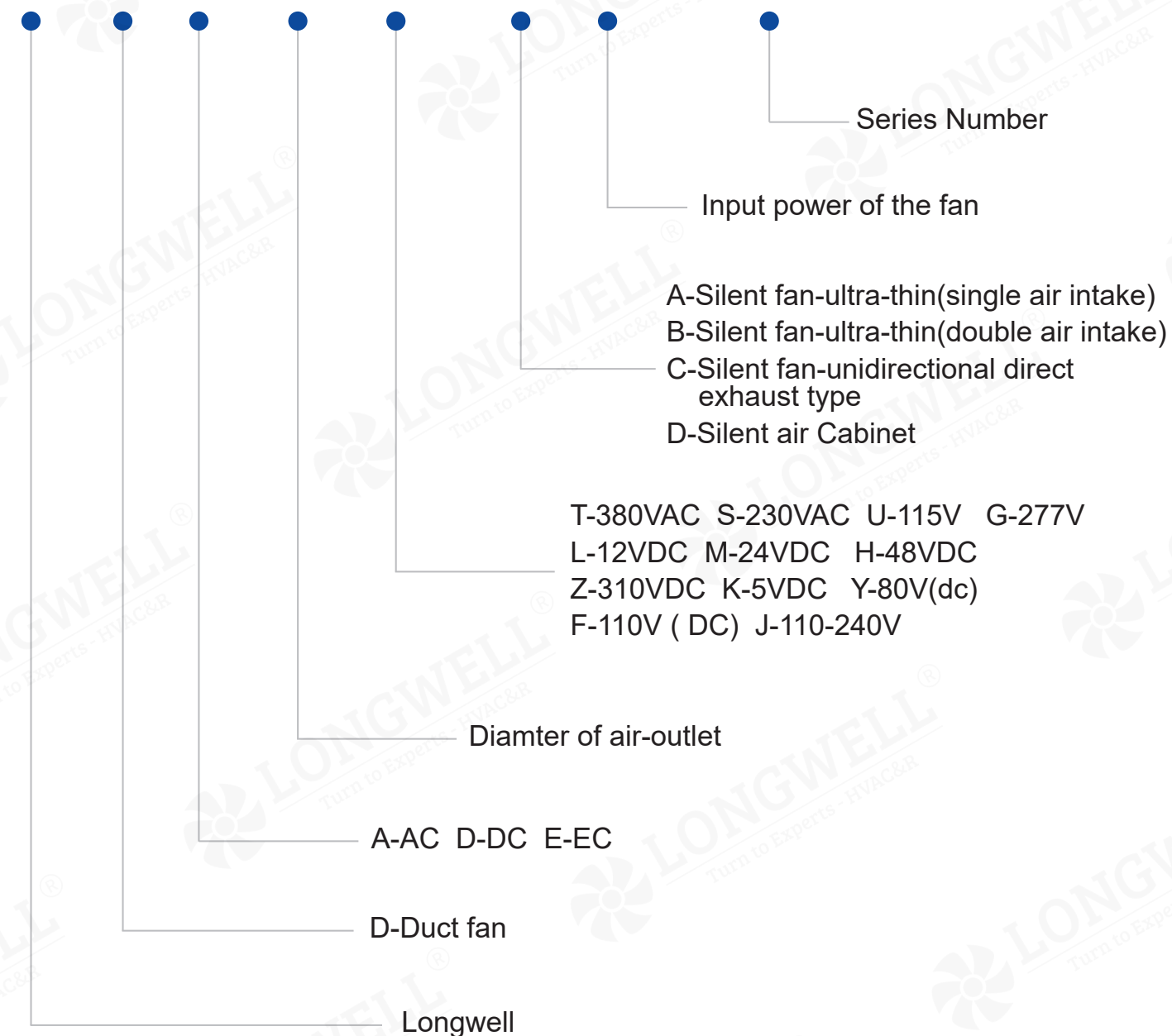


Ultra-Thin Silent Fan

Professional HVAC Fan & Motors Manufacturer

Type Code

LW D E 100 J - A 48 - 001





EC Silent Fan-Ultra-Thin (Single Air Intake)

The adoption of EC variable frequency motors enables the fan to achieve higher operational efficiency and precise speed regulation capabilities. It can be customized with various control methods according to the products in use, such as voltage speed regulation, PWM signal speed regulation, and pulse speed regulation. The air volume can be flexibly adjusted according to actual needs, enhancing the overall performance of the system. The all-metal box body is made of high-quality plates. The casing is integrally formed, which is not easy to deform or dent, and is not prone to corrosion or rust. Through structural optimization design, the overall height of the product has been reduced. The structure is exquisite and compact, making it suitable for more space-constrained places.



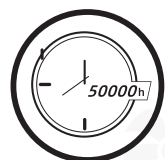
High wind pressure



High air volume



Low power consumption



Long lifespan



Low noise



Protection grade IP44

Intelligent Controller

C4 Intelligent 86 Controller



Temperature/humidity sensing function

Ten-speed speed regulation

- Outstanding performance: Temperature control accuracy ± 1 degree, self-consumption power less than 1w. The frequency of the relay switch is greater than 100,000 times.
- Ten-speed wind adjustment: Adjust the air volume from 1 to 10 as you like.
- Intelligent detection: Real-time monitoring of spatial environmental temperature and humidity to make the environment more comfortable.

C5 86 Stepless Speed Controller



Rotary knob stepless speed regulation

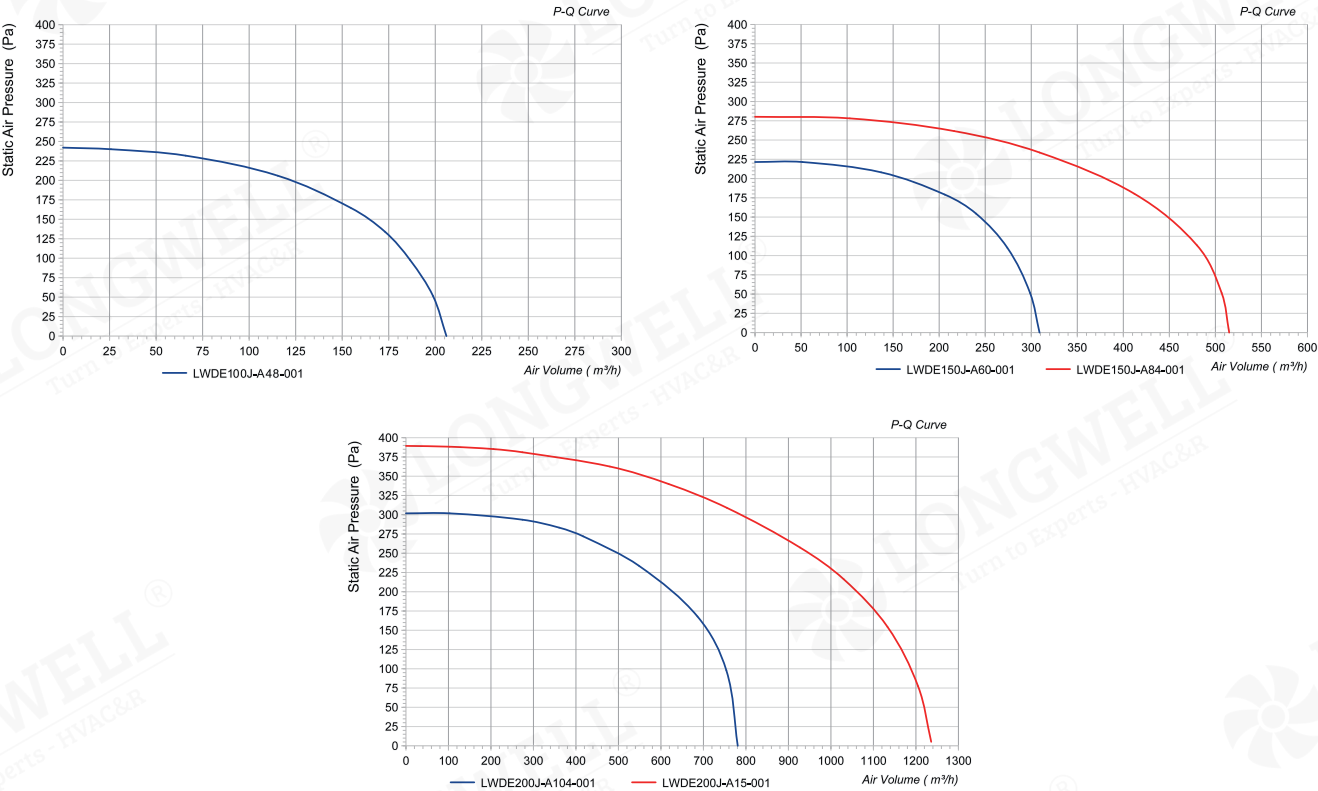
- Adjustment method: From small to large.
- Simple operation: Adjust the fan easily.
- Smooth and comfortable: The wind speed adjustment is stable and the noise control is low.
- Strong compatibility: Provide stable and reliable general solutions.

Product Parameters

Performance Parameter

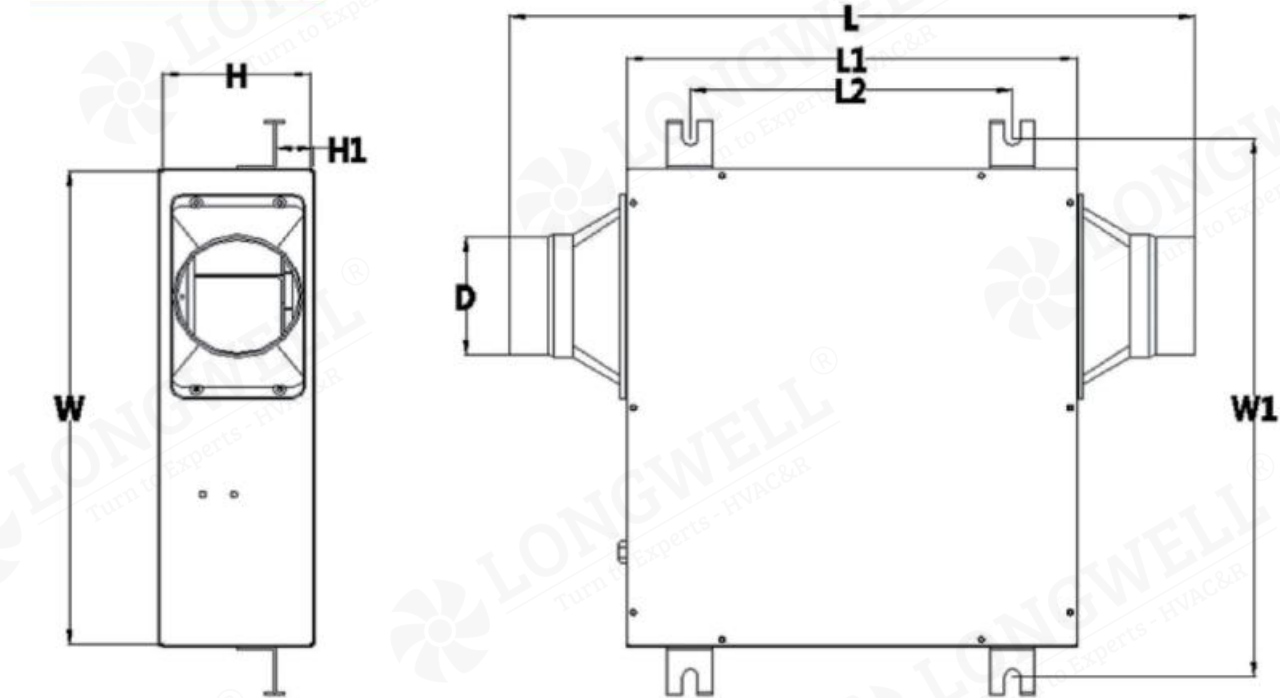
Model	Voltage (V)	Power (W)	Air Flow (m³/h)	Pressure (Pa)	Noise (dB(A))	Diamter of Air-Outlet(mm)	Applicable Area(m²)	Weight (kg)
LWDE100J-A48-001	110-240	48	206	242	25	100	8-15	6.5
LWDE150J-A60-001	110-240	60	309	221	30	150	20-25	8.4
LWDE150J-A84-001	110-240	84	515	280	34	150	25-30	8.8
LWDE200J-A104-001	110-240	104	781	302	38	200	40-47	10.5
LWDE200J-A135-001	110-240	135	1236	389	45	200	40-60	10.6
LWDE200J-A535-001	110-240	535	1545	433	43	200	85-150	17.5
LWDE250J-A565-001	110-240	565	2163	443	46	250	210-240	21.0
LWDE250J-A800-001	110-240	800	2678	546	46	250	240-270	22.0

Performance Curves

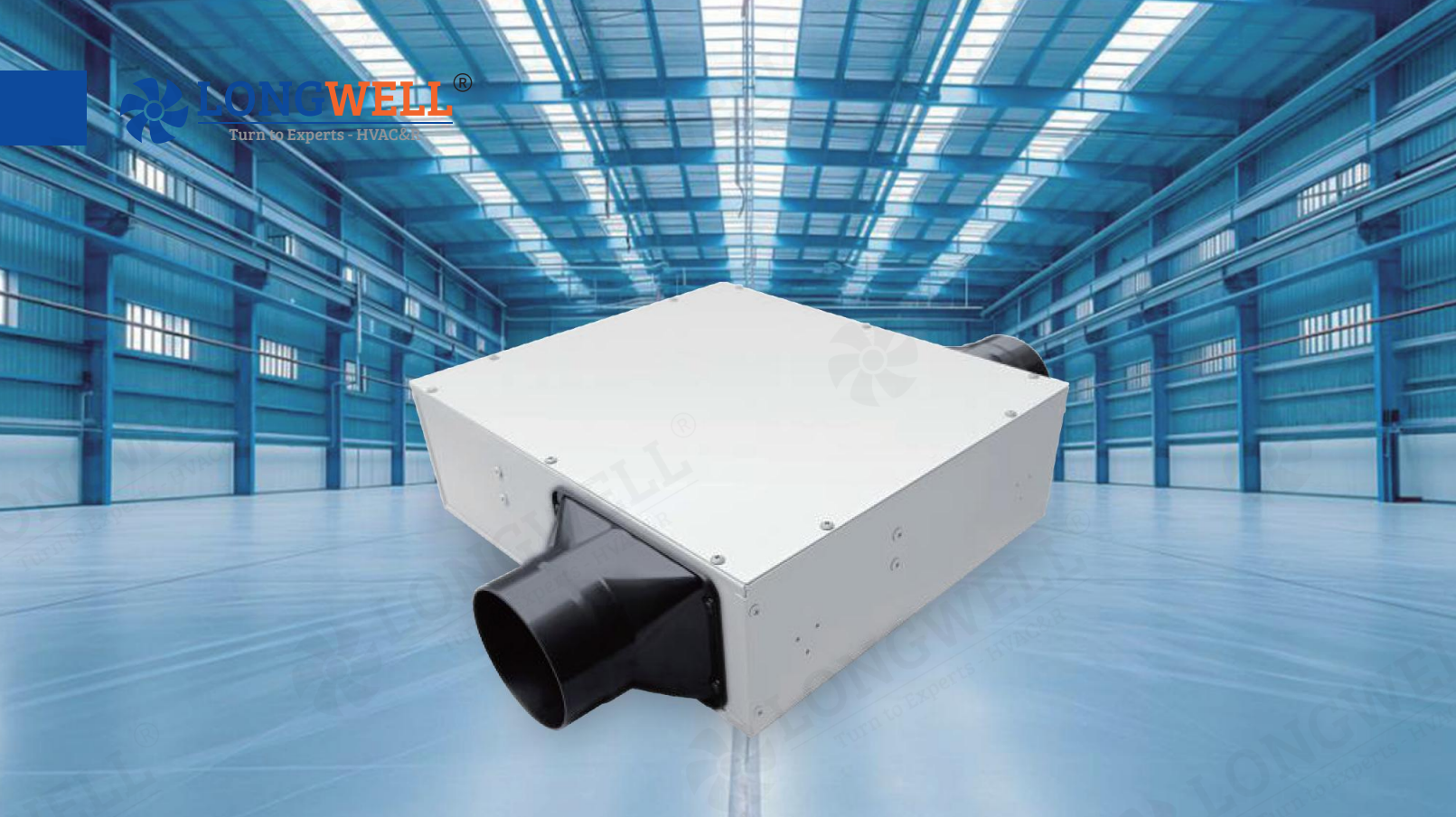


Product Parameters

Structure and Size(mm)



Model	L	L1	L2	W	W1	H	H1	ΦD
LWDE100J-A48-001	533	352	251	397	447	121	30	100
LWDE150J-A60-001	504	352	251	397	447	196	30	150
LWDE150J-A84-001	504	352	251	397	447	196	30	150
LWDE200J-A104-001	531	353	251	397	447	246	30	200
LWDE200J-A135-001	531	353	251	397	447	246	30	200
LWDE200J-A535-001	692	552	590	501	443	325	176.5	200
LWDE250J-A565-001	622	482	520	446	390	313	171.5	250
LWDE250J-A800-001	622	482	520	446	390	313	171.5	250

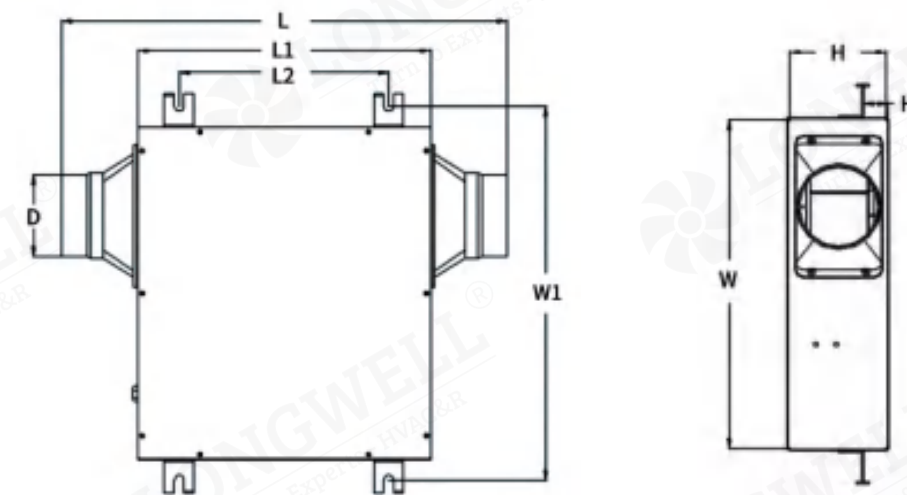


Product Parameters

Performance Parameter

Model	Nozzle Diameter (mm)	Voltage (V)	Air Flow (m³/h)	Pressure (Pa)	Power (W)	Noise (dB(A))	Product Size (kg)
LWDA100S-A45/30-001	Φ100	220	230/180	160/150	45/30	25/22	490×400×125
LWDA150S-A60/45-001	Φ150	220	350/250	220/205	60/45	30/28	495×400×200
LWDA150S-A75/55-001	Φ150	220	500/420	260/235	75/55	34/33	495×400×200
LWDA200S-A85/75-001	Φ200	220	920/700	365/306	85/75	38/36	535×400×252
LWDA200S-A130/115-001	Φ200	220	1200/1050	410/398	130/115	45/43	535×400×252

Structure and Size(mm)



Unit (mm)

Model	L	L1	L2	W	W1	H	H1	D
LWDA100S-A45/30-001	490	354	280	400	445	125	53	98
LWDA150S-A60/45-001	495	354	280	400	445	200	85	148
LWDA150S-A75/55-001	495	354	280	400	445	200	85	148
LWDA200S-A85/75-001	535	354	280	400	445	252	170	198
LWDA200S-A130/115-001	535	354	280	400	445	252	170	198

AC Silent Fan-Ultra-Thin (Single Air Intake)



Minimum 125mm body, save floor height. Suitable for all kinds of ceiling.



Multiple models available, standard, multi-hole models. Customised multi-hole models available on request.



Two-speed adjustment, suitable for a variety of occasions. Multi-specification air volume can be selected.

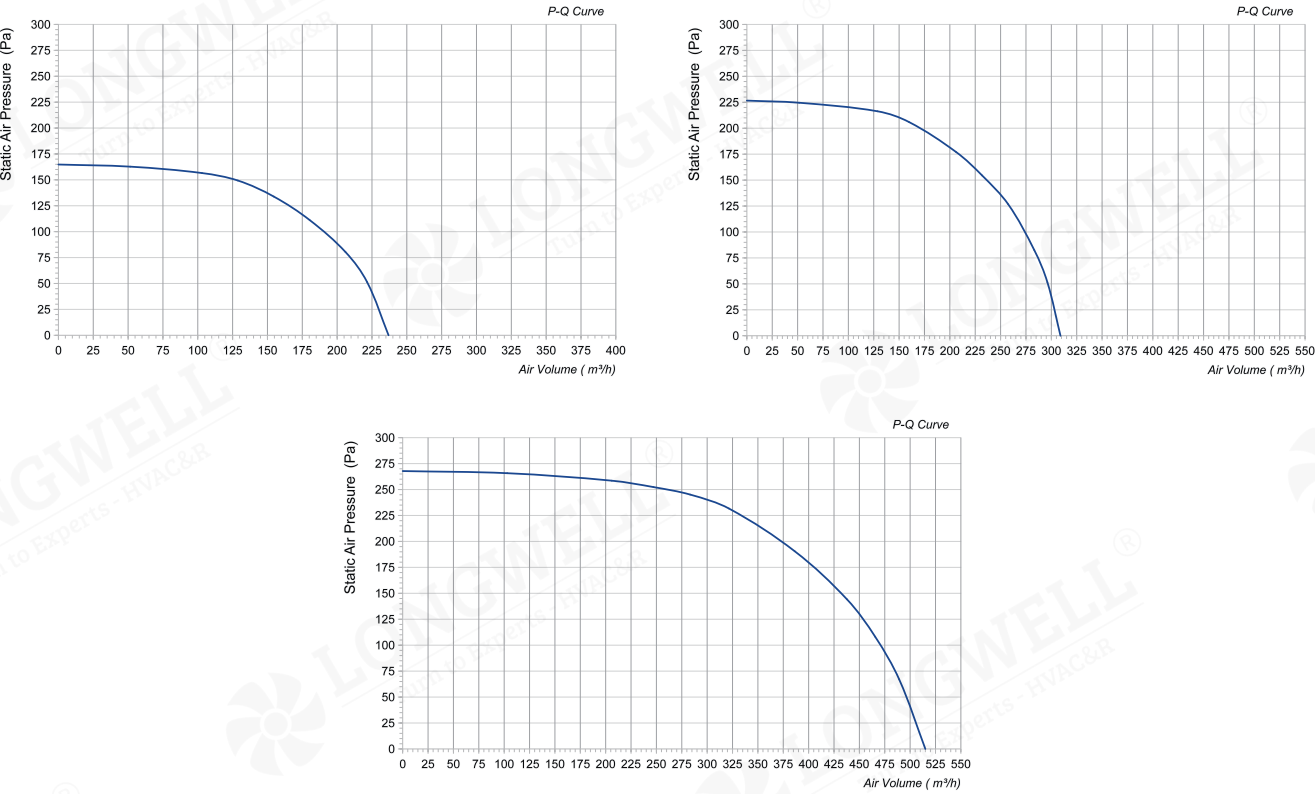


Product Parameters

Performance Parameter

Model	Voltage (V)	Power (W)	Air Flow (m³/h)	Pressure (Pa)	Noise (dB(A))	Diamter of Air-Outlet(mm)	Applicable Area(m²)	Weight (kg)
LWDE100J-B48-001	110-240	48	237	165	25	100	8-15	6.5
LWDE150J-B60-001	110-240	60	309	227	30	150	20-25	8.4
LWDE150J-B84-001	110-240	84	515	268	34	150	25-30	8.8

Performance Curves

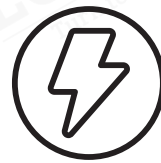


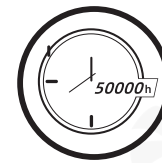
EC Silent Fan -Ultra-Thin (Double Air Intake)

The adoption of EC variable frequency motors enables the fan to achieve higher operational efficiency and precise speed regulation capabilities.It can be customized with various control methods according to the products in use,such as voltage speed regulation,P-WM signal speed regulation,and pulse speed regulation.The air volume can be flexibly adjusted according to actual needs,enhancing the overall performance of the system.The all-metal box body is made of high-quality plates.The casing is integrally formed,which is not easy to deform or dent,and is not prone to corrosion or rust.Through structural optimization design,the overall height of the product has been reduced.The structure is exquisite and compact,making it suitable for more space-constrained places.

- 

High wind pressure
- 

High air volume
- 

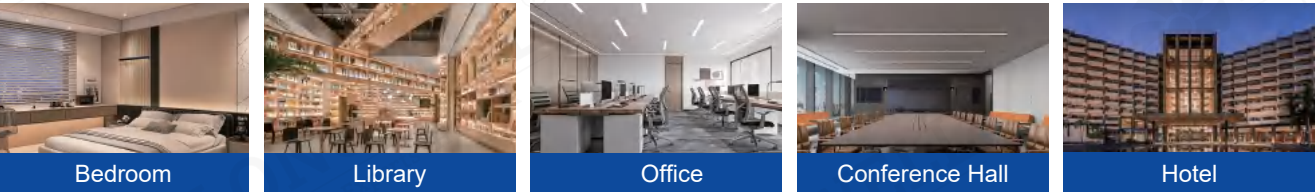
Low power consumption
- 

Long lifespan
- 

Low noise
- 

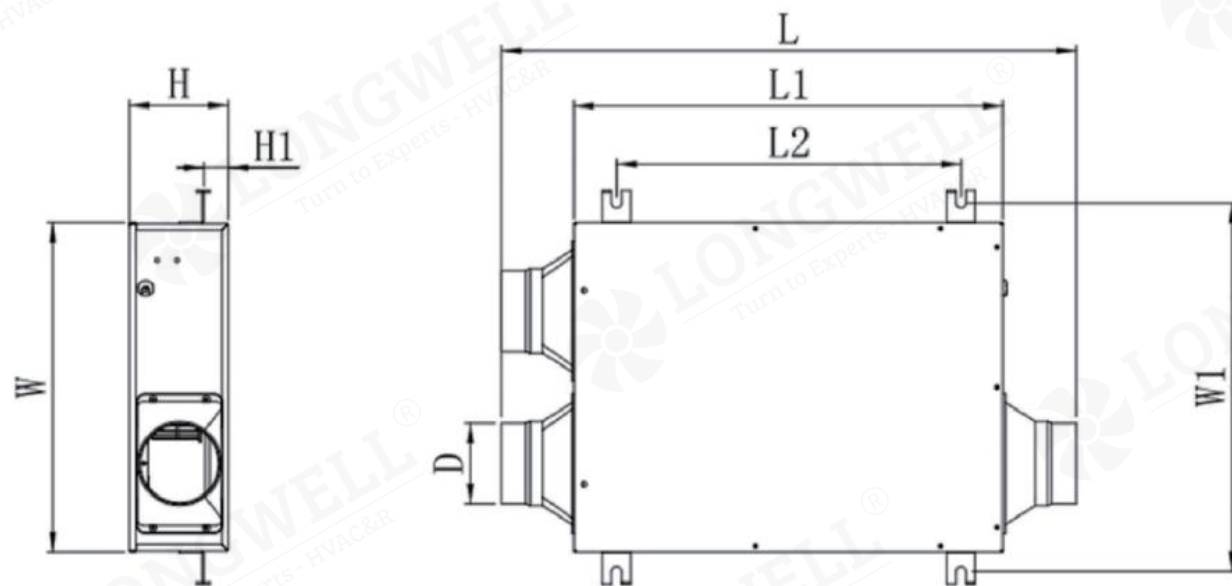
Protection grade IP44

Application Site



Product Parameters

Structure and Size(mm)



Unit (mm)

Model	L	L1	L2	W	W1	H	H1	ΦD
LWDE100J-B48-001	580	403	300	400	437	121	30	100
LWDE150J-B60-001	551	403	300	400	437	196	30	150
LWDE150J-B84-001	551	403	300	400	437	196	30	150



AC Silent Fan -Ultra-Thin (Double Air Intake)

1. This series of equipment is suitable for apartments, villas, hotels, shopping malls, entertainment venues and residential places.
2. One device supports the centralized ventilation function of multiple areas, which is widely used in real estate buildings, including indoor ventilation and ventilation and pipeline air supply and pressure.



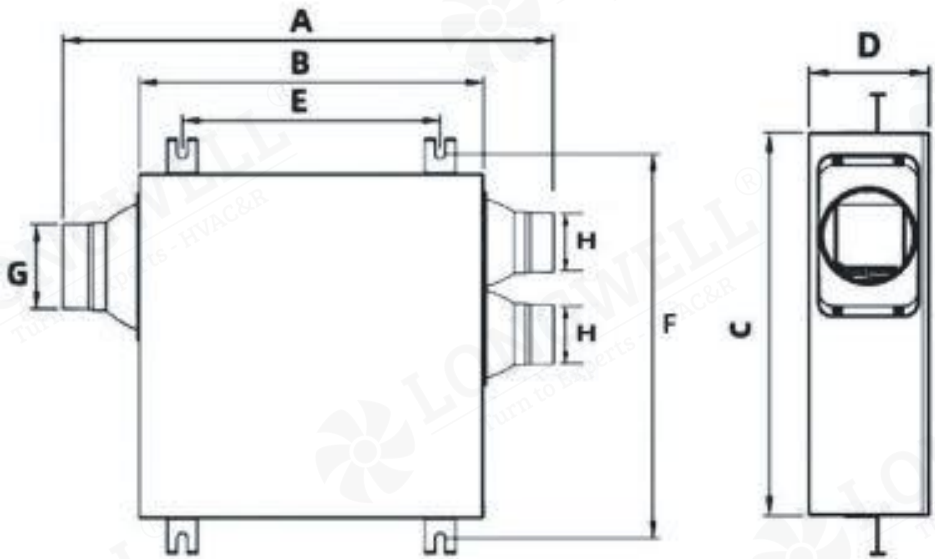
- Exhaust duct
- Ceiling duct ventilation fan
- Ultra - Thin Silent Duct Fans

Product Parameters

Performance Parameter

Model	Nozzle Diameter (mm)	Voltage (V)	Air Flow (m³/h)	Pressure (Pa)	Power (W)	Noise (dB(A))	Product Size (kg)
LWDA100S-B45/30-001	Φ100	220	230/180	160/150	45/30	25/22	470×400×125
LWDA150S-B60/45-001	Φ150	220	350/250	220/205	60/45	30/28	520×400×200

Structure and Size(mm)



Unit (mm)

Model	A	B	C	D	E	F	G	H
LWDA100S-B45/30-001	470	354	400	125	280	445	98	75
LWDA150S-B60/45-001	520	354	400	200	280	445	148	98