

One-way Straight Line Type Silent Fan

Professional HVAC Fan & Motors Manufacturer



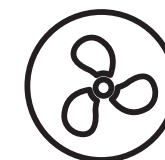
Note: The body has an air outlet diameter of 100-200mm and is equipped with a check valve to prevent backflow of return air.

EC Silent Fan-Unidirectional Direct Exhaust Type

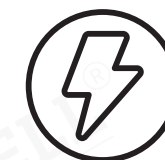
The adoption of EC variable frequency motors enables the fan to achieve higher operational efficiency and precise speed regulation capabilities. It can be customized with various control methods according to the products in use, such as voltage speed regulation, PWM signal speed regulation, and pulse 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



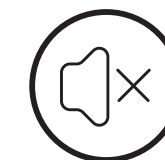
High air volume



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

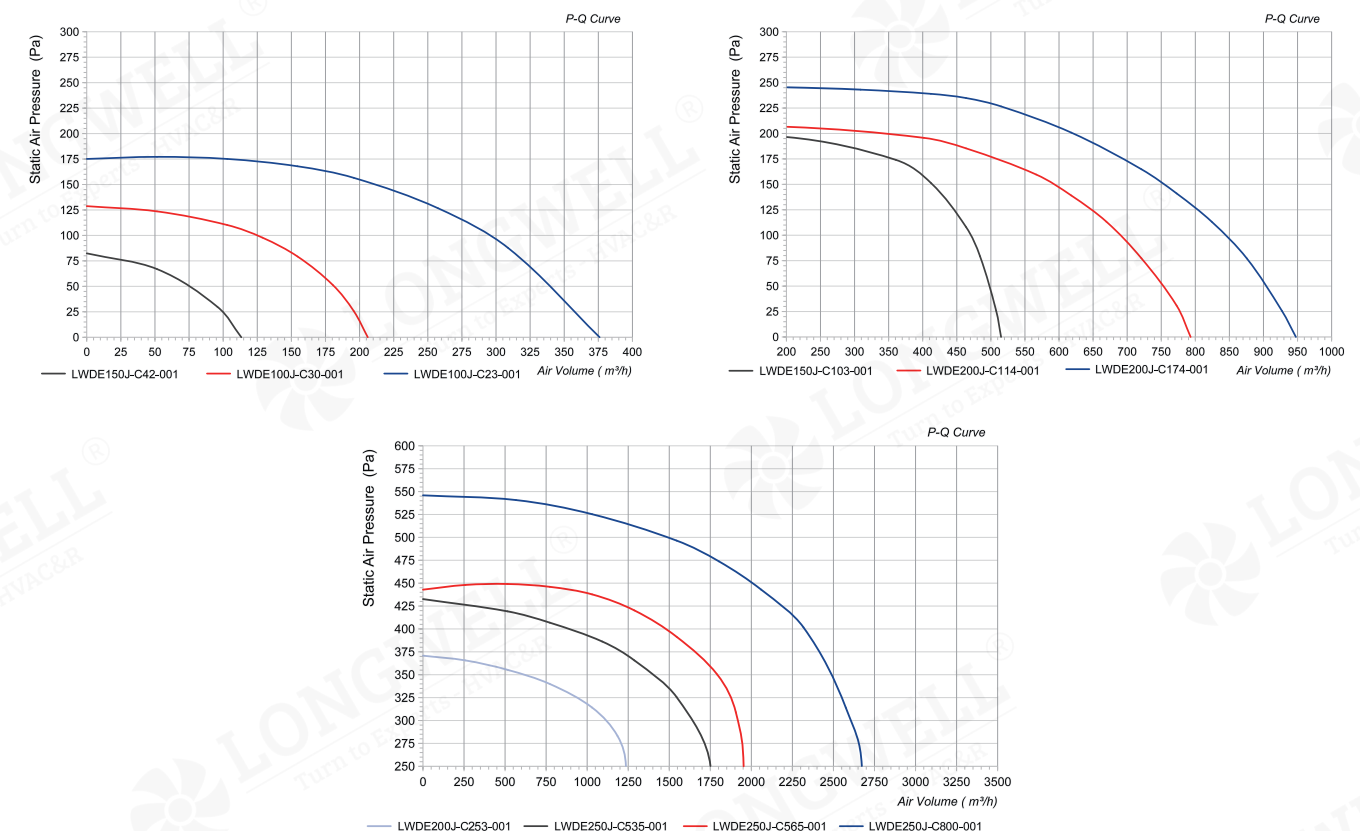
- Adjustment method: From small to large.
- Simple operation:Adjust the fan easily.
- Smooth and comfortable:The wind speed adjustment is stable and the noise control is low.
- Strong compatibility:Provide stable and reliable general solutions.

Product Parameters

Performance Parameter

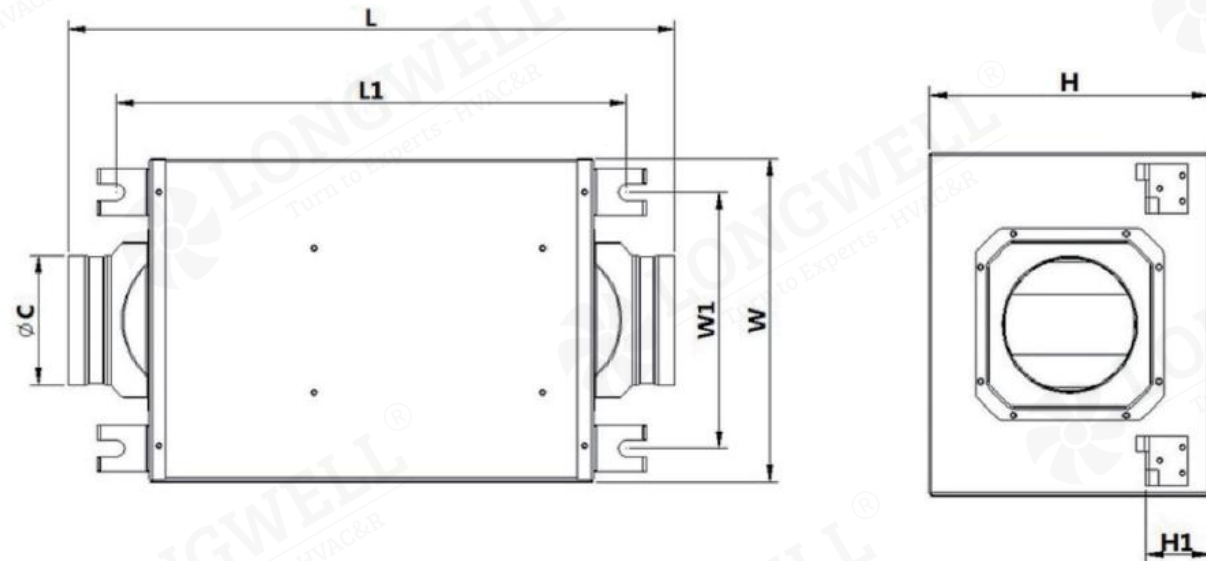
Model	Voltage (V)	Power (W)	Air Flow (m³/h)	Pressure (Pa)	Noise (dB(A))	Diamter of Air-Outlet(mm)	Applicable Area(m²)	Weight (kg)
LWDE100J-C23-001	110-240	23	103	82	20	100	4-8	6.1
LWDE100J-C30-001	110-240	30	206	129	23	100	8-13	6.2
LWDE150J-C42-001	110-240	42	371	165	27	150	20-25	7.4
LWDE150J-C103-001	110-240	103	515	196	29	150	25-28	10
LWDE200J-C114-001	110-240	114	793	206	35	200	28-40	11.4
LWDE200J-C174-001	110-240	174	948	247	37	200	40-50	16
LWDE200J-C253-001	110-240	253	1236	371	41	200	58-75	19
LWDE250J-C535-001	110-240	535	1751	433	43	250	85-150	19.5
LWDE250J-C565-001	110-240	565	1957	443	46	250	210-240	23
LWDE250J-C800-001	110-240	800	2678	546	46	250	240-270	24

Performance Curves



Product Parameters

Structure and Size(mm)



Unit (mm)

Model	L	L1	W	W1	H	H1	ΦC
LWDE100J-C23-001	462	388	240	180	200	45	96
LWDE100J-C30-001	462	388	240	180	200	45	96
LWDE150J-C42-001	488	388	240	186	238	40	148
LWDE150J-C103-001	540	440	270	210	280	51	148
LWDE200J-C114-001	562	470	340	270	282	52	198
LWDE200J-C174-001	632	540	370	270	320	71	198
LWDE200J-C253-001	662	570	401	300	365	94	198
LWDE250J-C535-001	662	570	401	300	365	94	250
LWDE250J-C565-001	732	640	401	340	380	61	250
LWDE250J-C800-001	732	640	401	340	380	61	250



AC Silent Fan-Unidirectional Direct Exhaust Type



Multiple sizes and air volumes available to match a variety of scenarios and needs.



Multiple noise reduction technology, minimum 20dB, truly quiet and low noise.



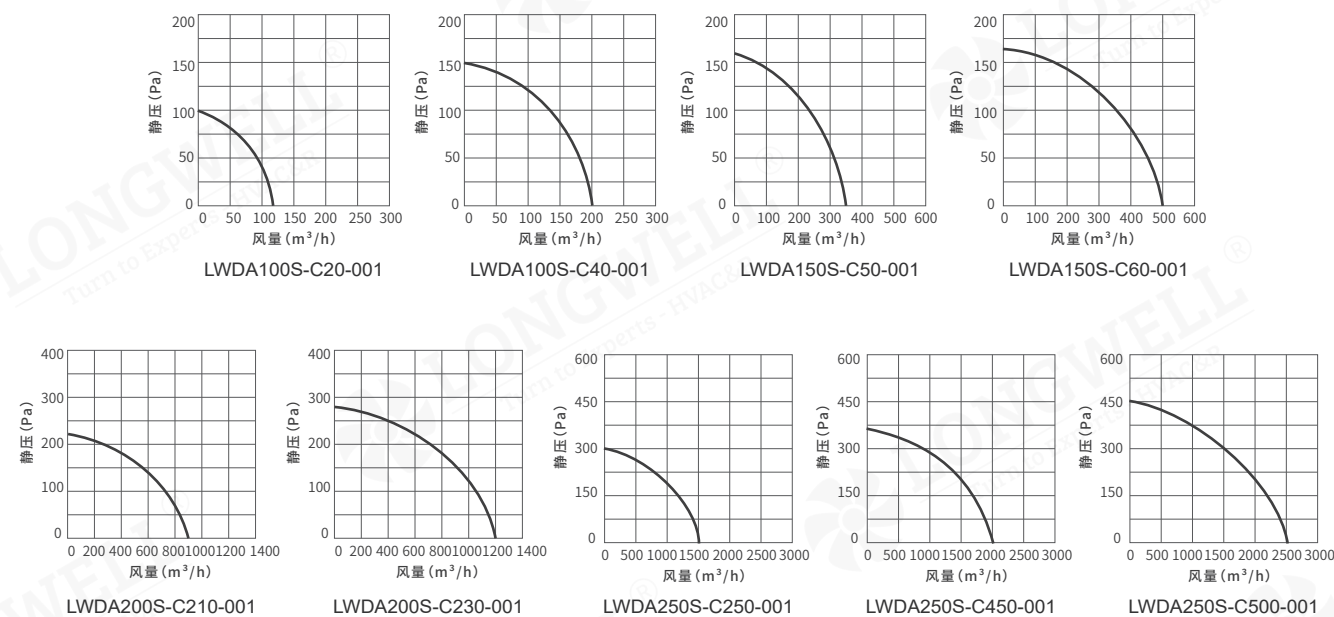
Fully galvanized body, electrostatic powder coating process. Beautiful appearance, anti-corrosion and wear-resistant.

Product Parameters

Performance Parameter

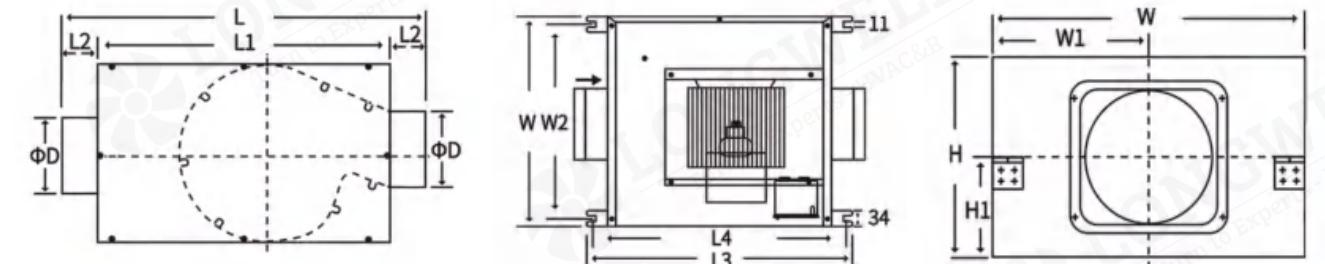
Model	Nozzle Diameter (mm)	Voltage (V)	Air Flow (m³/h)	Pressure (Pa)	Power (W)	Noise (dB(A))	Product Size (kg)
LWDA100S-C20-001	Φ100	220	120	100	20	20	420×290×175
LWDA100S-C40-001	Φ100	220	200	150	40	23	420×290×175
LWDA150S-C50-001	Φ150	220	350	160	50	26	440×300×190
LWDA150S-C60-001	Φ150	220	500	170	60	30	500×360×225
LWDA200S-C210-001	Φ200	220	900	220	210	36	580×380×280
LWDA200S-C230-001	Φ200	220	1200	280	230	41	580×380×280
LWDA250S-C250-001	Φ250	220	1500	300	250	42	660×420×320
LWDA250S-C450-001	Φ250	220	2000	350	450	45	660×420×320
LWDA250S-C500-001	Φ250	220	2500	450	500	50	700×560×335

Performance Curves



Product Parameters

Structure and Size(mm)



Unit (mm)

Model	L	L1	L2	L3	L4	W	W1	W2	H	H1	D
LWDA100S-C20-001	420	290	65	380	330	290	145	252	175	87	100
LWDA100S-C40-001	420	290	65	380	330	290	145	252	175	87	100
LWDA150S-C50-001	440	300	70	390	340	300	150	262	190	97	150
LWDA150S-C60-001	500	360	70	450	400	360	180	322	225	127	150
LWDA200S-C210-001	580	440	70	530	480	390	185	342	280	140	200
LWDA200S-C230-001	580	440	70	530	480	390	185	342	280	140	200
LWDA250S-C250-001	660	520	70	610	560	420	210	382	320	160	250
LWDA250S-C450-001	660	520	70	610	560	420	210	382	320	160	250
LWDA250S-C500-001	700	560	70	650	600	560	280	472	335	168	250

Selection Guide

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.

