

Exhaust Fan

Professional HVAC Fan & Motors Manufacturer



Type Code

LW E A 100 S P - 001

Series number

P-Plastic M-Metal

T-380V S-230V U-115V
L-12V M-24V H-48V Z-310V

Impeller diameter

A-AC D-DC E-EC

E-Exhaust fan

Longwell

Exhaust Fan



Technical Parameters

Model	Voltage (V)	Power (W)	Product size (mm)	Air flow (m³/h)	Hole size (mm)	Noise (dBA)
LWEA100(4")SP-006	220	25	150×150	0.8	105	38
LWEA150(6")SP-007	220	25	200×200	1.8	155	39
LWEA200(8")SP-008	220	30	250×250	2.5	185	42



Mainly Application



Office

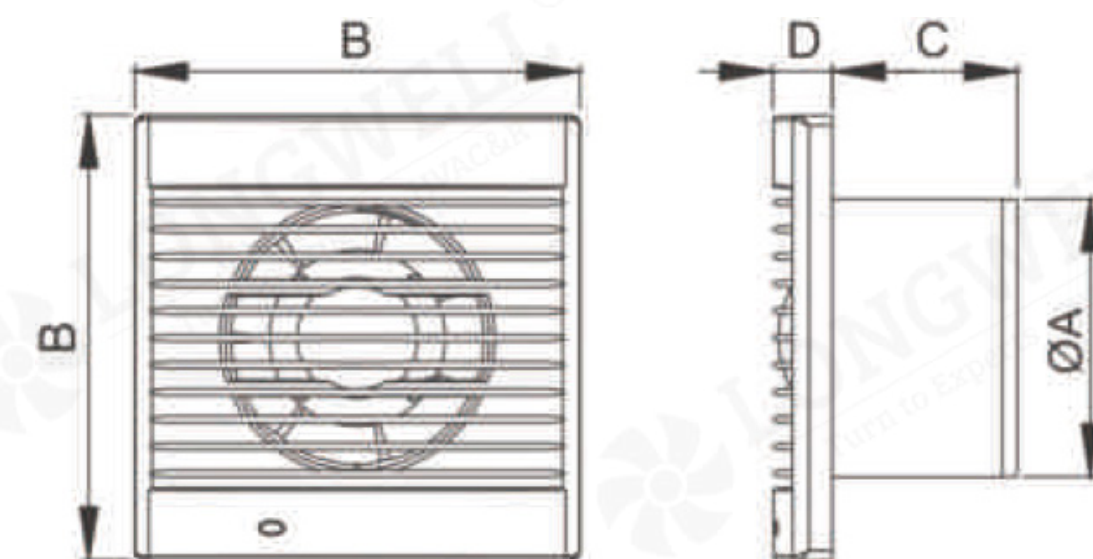
Kitchen

Bathroom

Bedroom

Wall Window Mount Ducted Exhaust Fan

- Suitable for wall/window/ceiling mount
- ABS Shutter,PET Shutter,ring are optional,shutter is needed to avoid backflow,ring is needed for window mount
- Shaded pole motor with thermo cut-off
- Ball bearing motor to reduce friction for long life operation
- In different painted colors or chrome painted
- Safety design based on IEC requirements, approved by SAA CE RoHS
- With pull cord switch
- With timer,adjustable timer range 1-30mins the original setting is 1min
- Microwave motion sensor,0.5m ≤ sensor sensing range ≤ 4m,timer delay 1-30min



LWE100(4")P-137
A:Φ99/B:157x157/C:66/D:21

LWE125(5")P-138
A:Φ119/B:157x157/C:70/D:21

LWE150(6")P-139
A:Φ149/B:200x200/C:81/D:21



Ring ,shutter are optional for the above products

Technical Parameters

Model No.	LWE100(4")P-137	LWE125(5")P-138	LWE150(6")P-139
	LWE100(4")P-137A (With Timer)	LWE125(5")P-138A (With Timer)	LWE150(6")P-139A (With Timer)
	LWE100(4")P-137B (With Pull-cord Switch)	LWE125(5")P-138B (With Pull-cord Switch)	LWE150(6")P-139B (With Pull-cord Switch)
	LWE100(4")P-137C (With Motion Sensor)	/	LWE150(6")P-139C (With Motion Sensor)
Max Air Volume	130m³/h	240m³/h	320m³/h
Static Pressure	36Pa	45Pa	60Pa
Sound Pressure Level at 3m	34dB	34dB	35dB
RPM	2200rpm	2000rpm	1850rpm
Power	12W	16W	18W
Current	0.074A	0.107A	0.113A
V/Hz	12V~50Hz; 110V~60Hz; 127V~60Hz; 220V~50Hz; 220V~60Hz; 220V~50/60Hz; 220~240V~50Hz		
IP Rating	IPX2		
Plastic Material	ABS		
Appliance Class			
Climate Class	T		
PCS/CTN	20PCS/CTN		
Carton Dims(LxWxH cm)	51.5x34x36	51.5x34x36	59.5x42.5x45

Deluxe Louver Ventilator

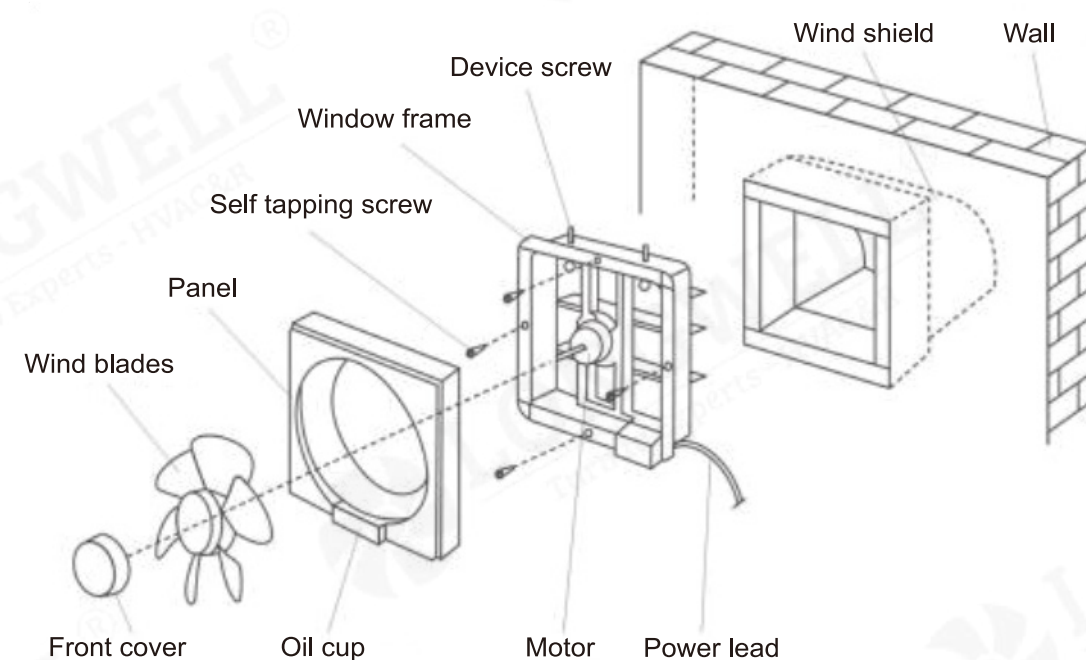


Technical Specifications

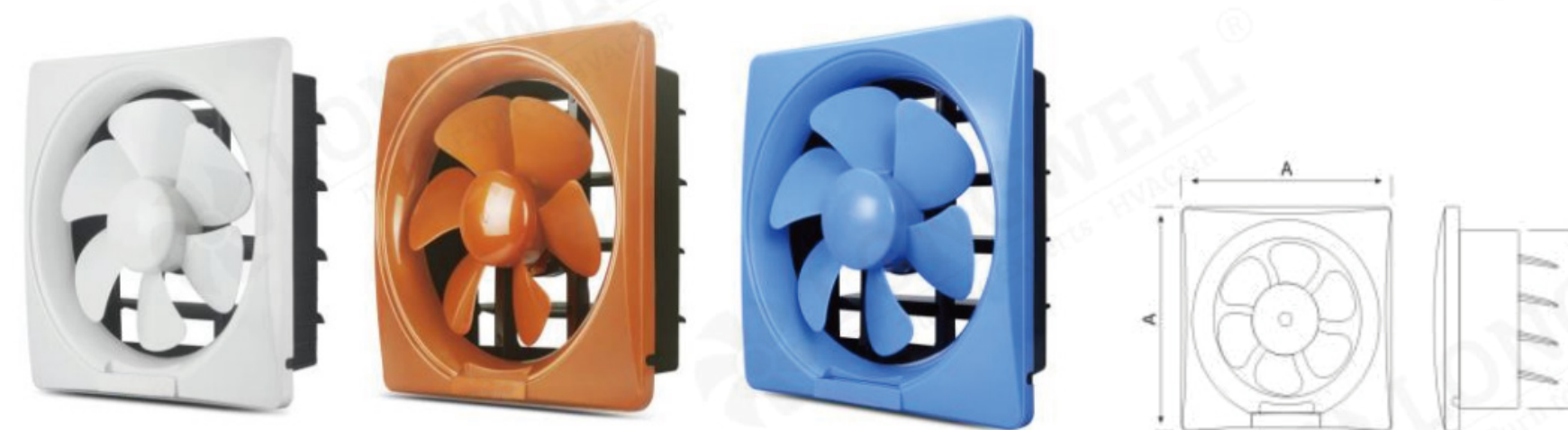
Model	A (mm)	B (mm)	Voltage (V~/Hz)	Air Volume (m³/h)	Speed (RPM)	Power (W)	Package Size (mm)	Packages (set)
LWEA150(6")SP-009	235x235	200x200	220/50	280	1300	25W	730x252x265	5
LWEA200(8")SP-010	293x293	240x240	220/50	480	1300	28W	740x312x317	5
LWEA250(10")SP-011	340x340	295x295	220/50	750	1250	30W	697x355x365	5
LWEA300(12")SP-012	392x392	345x345	220/50	1100	1100	40W	745x410x410	5
LWEA150(6")UP-013	235x235	200x200	110/60	280	1300	25W	730x252x265	5
LWEA200(8")UP-014	293x293	240x240	110/60	480	1300	28W	740x312x317	5
LWEA250(10")UP-015	340x340	295x295	110/60	750	1250	30W	697x355x365	5
LWEA300(12")UP-016	392x392	345x345	110/60	1100	1100	40W	745x410x410	5

Installation Diagram

- Original factory configuration device screws, power leads
- When used to ventilate directly to the outside against strong winds, a windshield should be added
- Use the ventilation fan according to the rated voltage and rated frequency
- When connecting to the power supply line, contacts must be installed on the power supply line. And all-pole switch with a distance of not less than 3.2mm
- When installing, core must be taken to avoid gas from the open airway or it's open fire equipment is returned into the room



Shutters Ventilating Fan

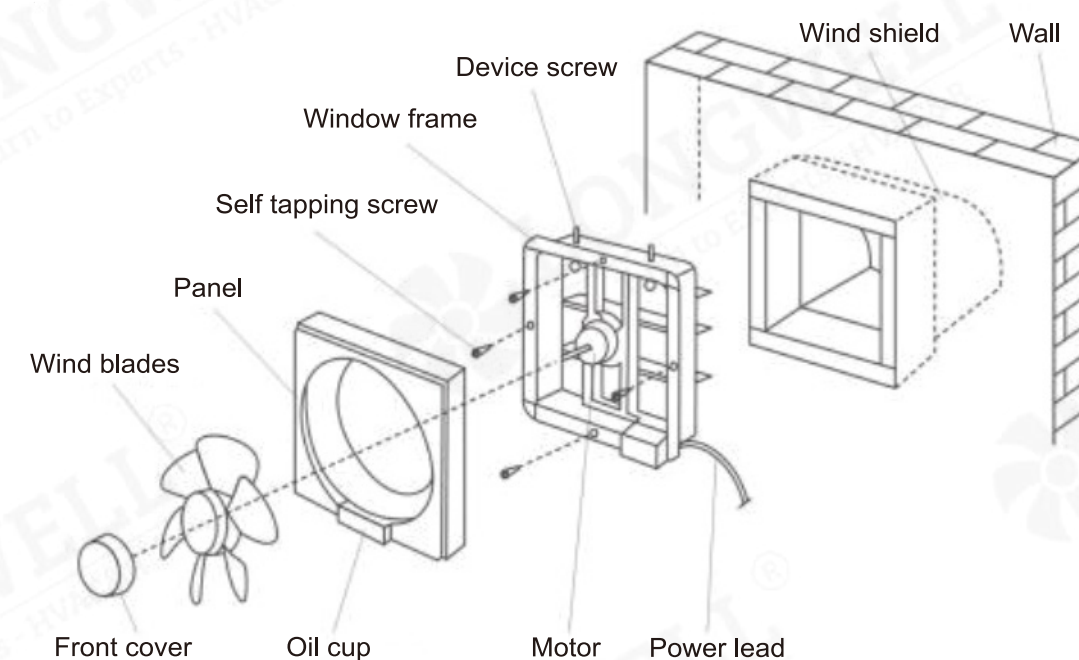


Technical Specifications

Model	A (mm)	B (mm)	Voltage (V~/Hz)	Air Volume (m³/h)	Speed (RPM)	Power (W)	Package Size (mm)	Packages (set)
LWEA150(6")SP-017	233x233	200x200	220/50	280	1300	25W	730x252x265	10
LWEA200(8")SP-018	293x293	245x245	220/50	480	1300	28W	740x312x622	10
LWEA250(10")SP-019	340x340	295x295	220/50	750	1250	30W	697x355x713	10
LWEA300(12")SP-020	392x392	330x330	220/50	1100	1100	40W	745x410x410	5
LWEA150(6")UP-021	233x233	200x200	110/60	280	1300	25W	730x252x265	10
LWEA200(8")UP-022	293x293	245x245	110/60	480	1300	28W	740x312x622	10
LWEA250(10")UP-023	340x340	295x295	110/60	750	1250	30W	697x355x713	10
LWEA300(12")UP-024	392x392	330x330	110/60	1100	1100	40W	745x410x410	5

Installation Diagram

- Original factory configuration device screws, power leads
- When used to ventilate directly to the outside against strong winds, a windshield should be added
- Use the ventilation fan according to the rated voltage and rated frequency
- When connecting to the power supply line, contacts must be installed on the power supply line. And all-pole switch with a distance of not less than 3.2mm
- When installing, core must be taken to avoid gas from the open airway or it's open fire equipment is returned into the room



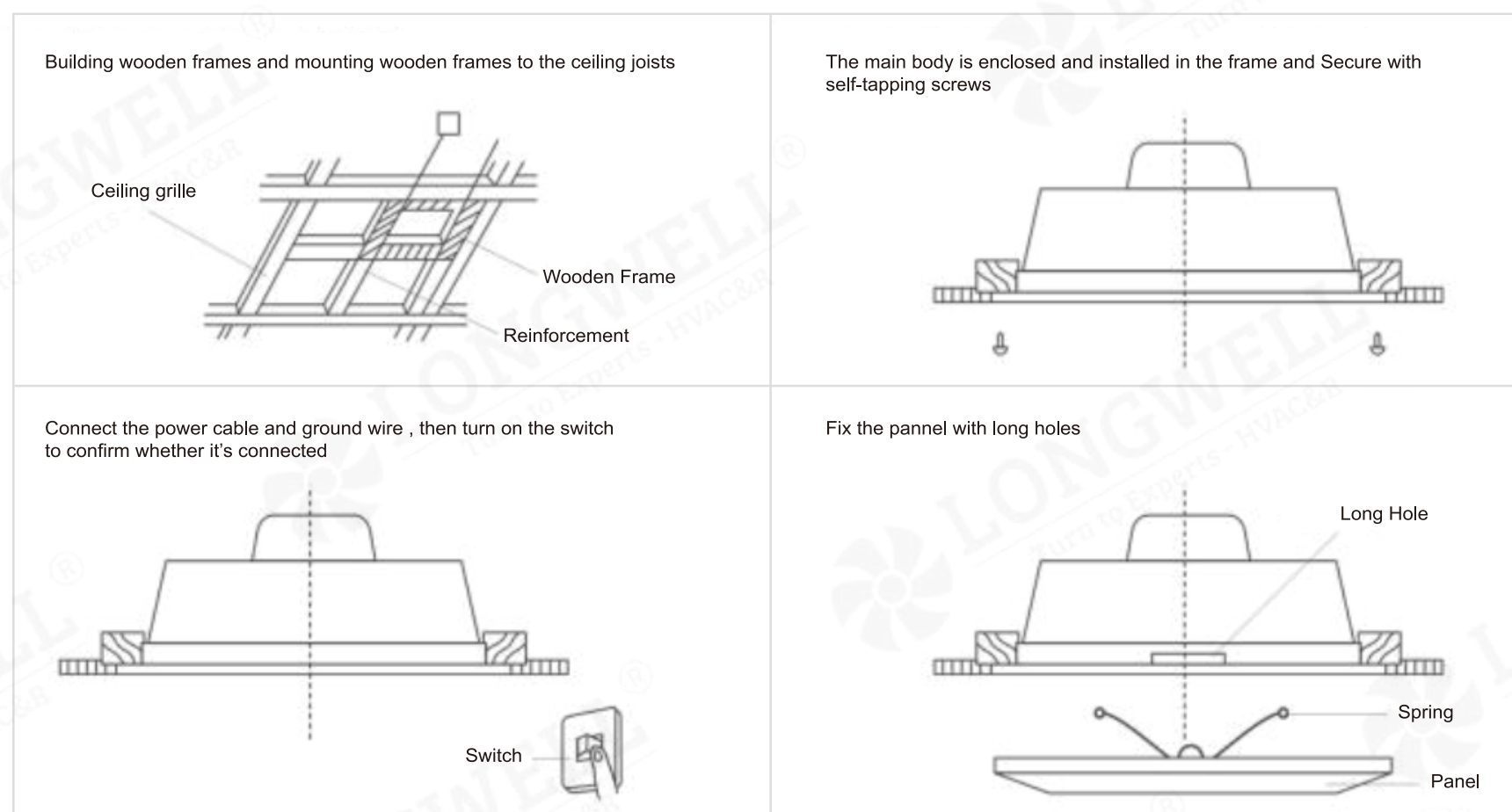
Smallpox Straight Row Ventilating Fan



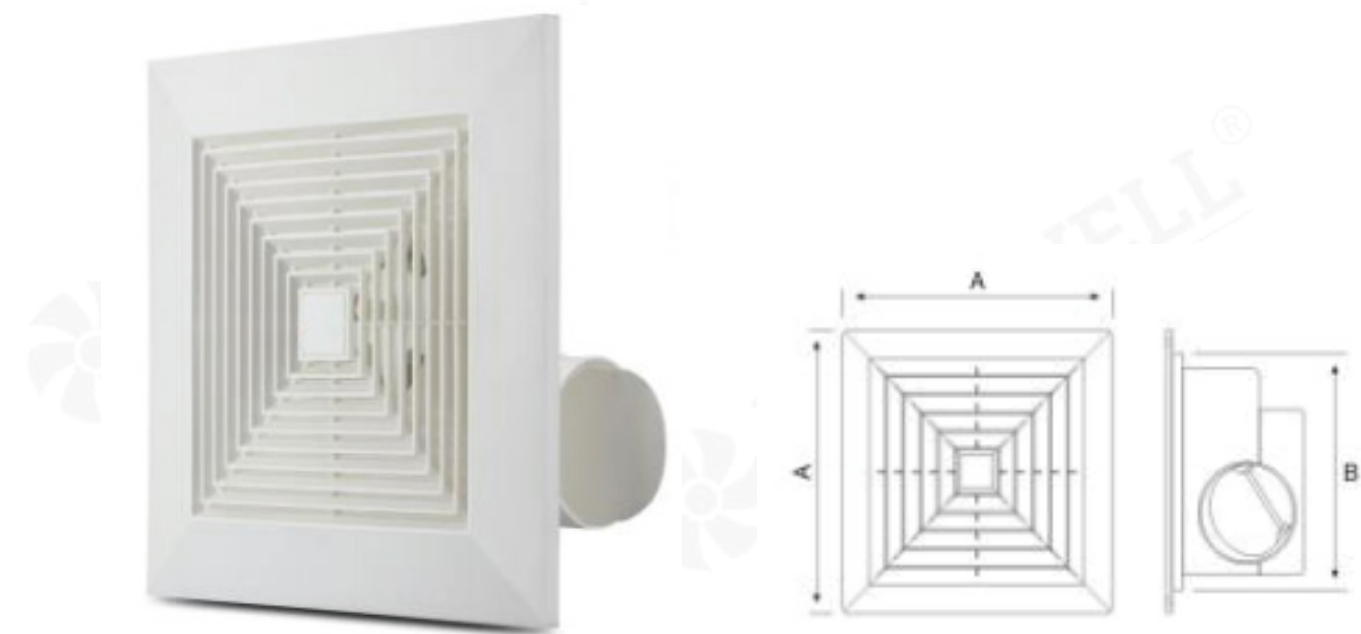
Technical Specifications

Model	A (mm)	B (mm)	Voltage (V~/Hz)	Air Volume (m³/h)	Speed (RPM)	Power (W)	Package Size (mm)	Packages (set)
LWEA200(8")SP-025	300x300	255x255	220/50	260	1300	25W	740x312x317	5
LWEA250(10")SP-026	323x323	280x280	220/50	450	1200	30W	697x355x365	5
LWEA300(12")SP-027	355x355	315x315	220/50	750	1200	40W	745x410x410	5
LWEA200(8")UP-028	300x300	255x255	110/60	260	1300	25W	740x312x317	5
LWEA250(10")UP-029	323x323	280x280	110/60	450	1200	30W	697x355x365	5
LWEA300(12")UP-030	355x355	315x315	110/60	750	1200	40W	745x410x410	5

Installation Diagram



Ceiling Pipeline Type Ventilating Fan

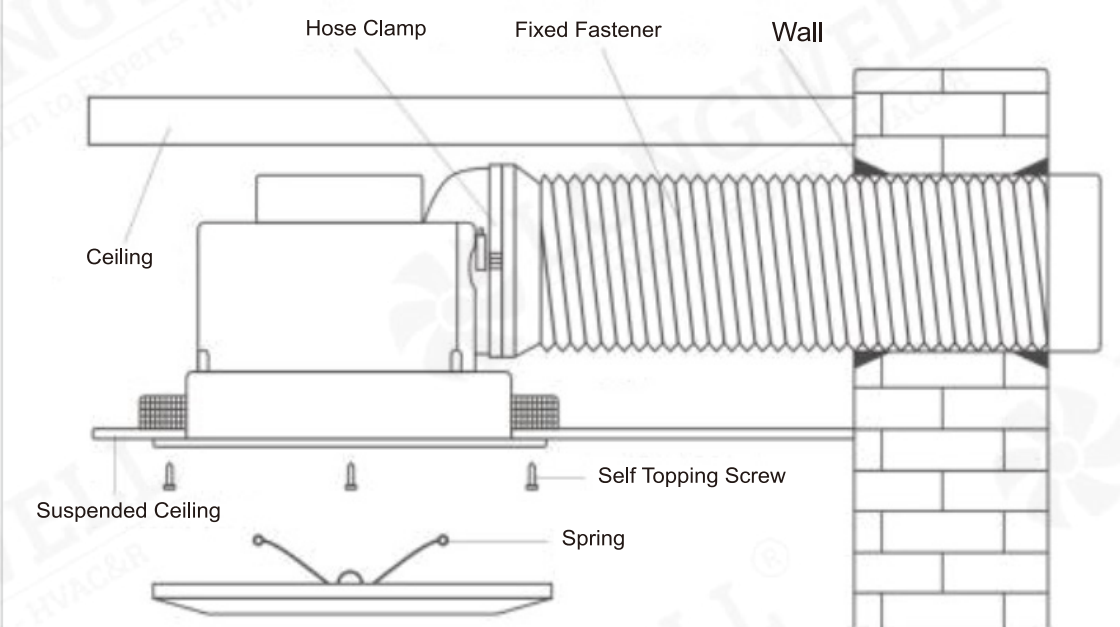


Technical Specifications

Model	A (mm)	B (mm)	Voltage (V~/Hz)	Air Volume (m³/h)	Speed (RPM)	Power (W)	Package Size (mm)	Packages (set)
LWEA200(8")SP-031	245x245	200x200	220/50	150	1300	25W	890x262x268	5
LWEA250(10")SP-032	293x293	245x245	220/50	200	1300	30W	875x325x328	5
LWEA300(12")SP-033	335x335	290x290	220/50	250	1200	35W	835x352x362	5
LWEA350(14")SP-034	400x400	340x340	220/50	350	1100	40W	1050x420x420	5
LWEA200(8")UP-035	245x245	200x200	110/60	150	1300	25W	890x262x268	5
LWEA250(10")UP-036	293x293	245x245	110/60	200	1300	30W	875x325x328	5
LWEA300(12")UP-037	335x335	290x290	110/60	250	1200	35W	835x352x362	5
LWEA350(14")UP-038	400x400	340x340	110/60	350	1100	40W	1050x420x420	5

Installation Diagram

- Original factory configuration device screws, power leads
- When used to ventilate directly to the outside against strong winds, a windshield should be added
- Use the ventilation fan according to the rated voltage and rated frequency
- When connecting to the power supply line, contacts must be installed on the power supply line. And all-pole switch with a distance of not less than 3.2mm
- When installing, care must be taken to avoid gas from the open airway or if the open fire equipment is returned into the room



Window Bathroom Ventilator

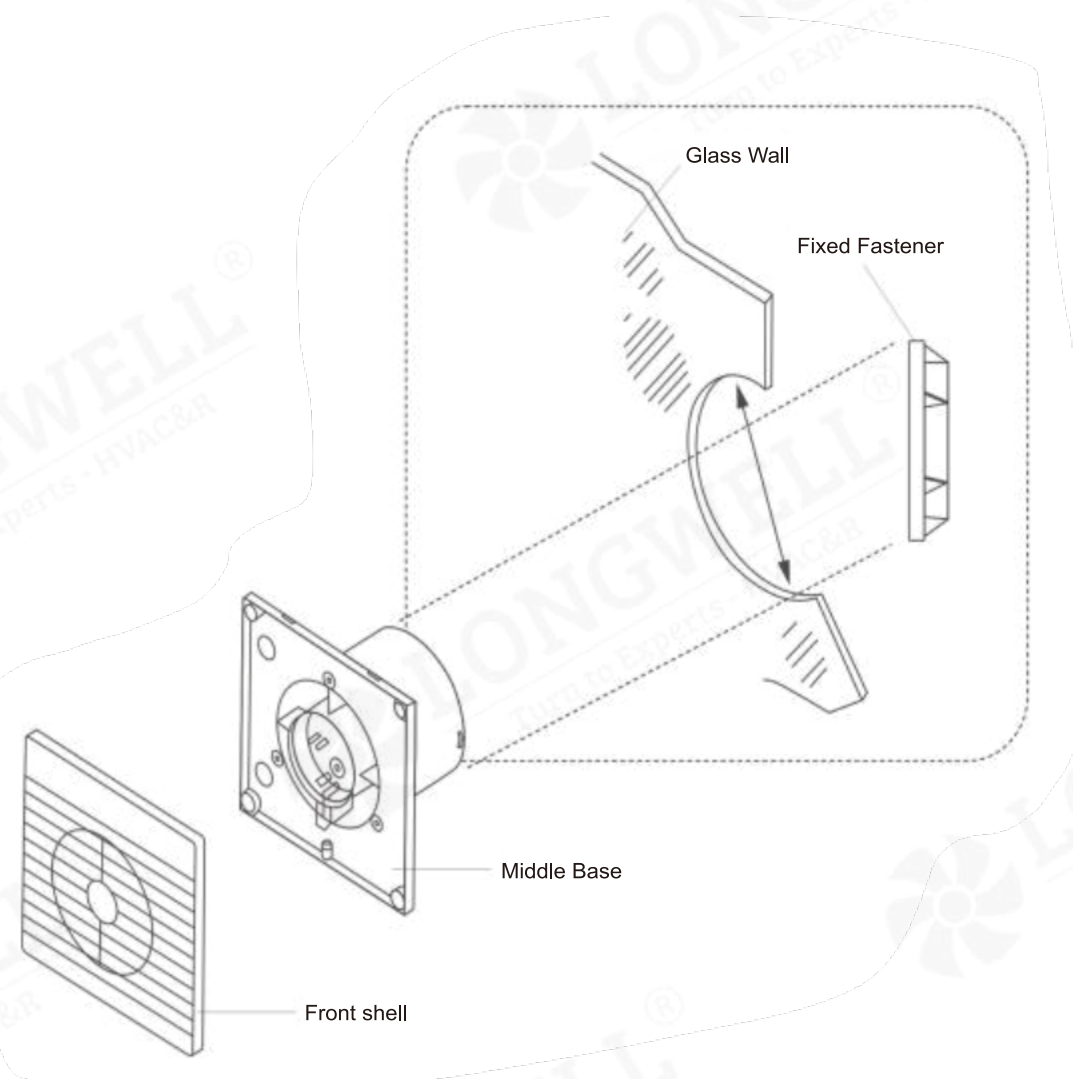


Technical Specifications

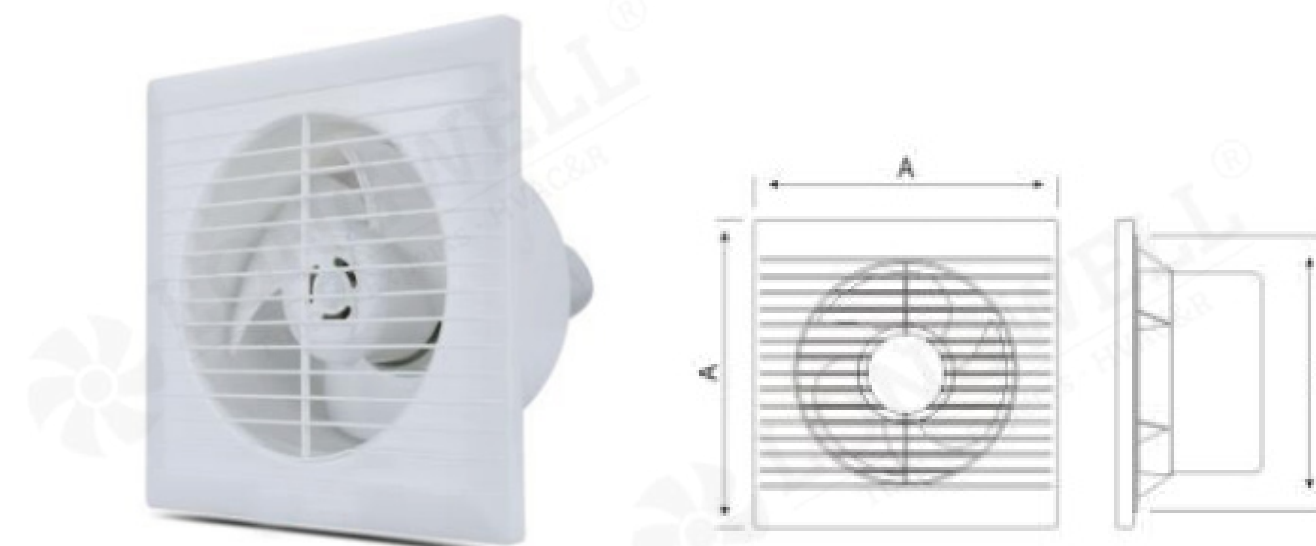
Model	A (mm)	B (mm)	Voltage (V~/Hz)	Air Volume (m³/h)	Speed (RPM)	Power (W)	Package Size (mm)	Packages (set)
LWEA100(4")SP-039	160X160	Φ100	220/50	150	2000	23W	580x170x360	10
LWEA150(6")SP-040	205X205	Φ150	220/50	200	2000	25W	750x220x490	10
LWEA200(8")SP-041	250X250	Φ180	220/50	300	1800	30W	755x265x273	5
LWEA100(4")UP-042	160X160	Φ100	110/60	150	2000	23W	580x170x360	10
LWEA150(6")UP-043	205X205	Φ150	110/60	200	2000	25W	750x220x490	10
LWEA200(8")UP-044	250X250	Φ180	110/60	300	1800	30W	755x265x273	5

Installation Diagram

- Original factory configuration device screws, power leads
- Holes are required to installed on the wall of the ventilator, and the size of each taye of opening is required refer to the size of the product dimension table
- Take the body out of the front shell screw and remove the front shell
- Insert the middle base into the glass mounting hole and insert the Fixed fastener from the window. Locking with the middle base with a fixed fastener
- Close the front cover and lock the front cover screws



Window Bathroom Ventilator



Technical Specifications

Model	A (mm)	B (mm)	Voltage (V~/Hz)	Air Volume (m³/h)	Speed (RPM)	Power (W)	Package Size (mm)	Packages (set)
LWEA100(4")SP-045	160x160	Φ100	220/50	150	2000	23W	450x170x360	10
LWEA150(6")SP-046	205x205	Φ150	220/50	200	2000	25W	627x220x490	10
LWEA200(8")SP-047	250x250	Φ180	220/50	300	1800	30W	625x265x273	5
LWEA100(4")UP-048	160x160	Φ100	110/60	150	2000	23W	450x170x360	10
LWEA150(6")UP-049	205x205	Φ150	110/60	200	2000	25W	627x220x490	10
LWEA200(8")UP-050	250x250	Φ180	110/60	300	1800	30W	625x265x273	5

Window Bathroom Circular Ventilator



Technical Specifications

Model	A (mm)	B (mm)	Voltage (V~/Hz)	Air Volume (m³/h)	Speed (RPM)	Power (W)	Package Size (mm)	Packages (set)
LWEA150(6")SP-051	Φ205	Φ190	220/50	150	2000	25W	470x220x440	10
LWEA200(8")SP-052	Φ280	Φ250	220/50	200	1800	30W	570x290x300	5
LWEA150(6")UP-053	Φ205	Φ190	110/60	150	2000	25W	470x220x440	10
LWEA200(8")UP-054	Φ280	Φ250	110/60	200	1800	30W	570x290x300	5

Luxury Integrated Ceiling Ventilation Fan

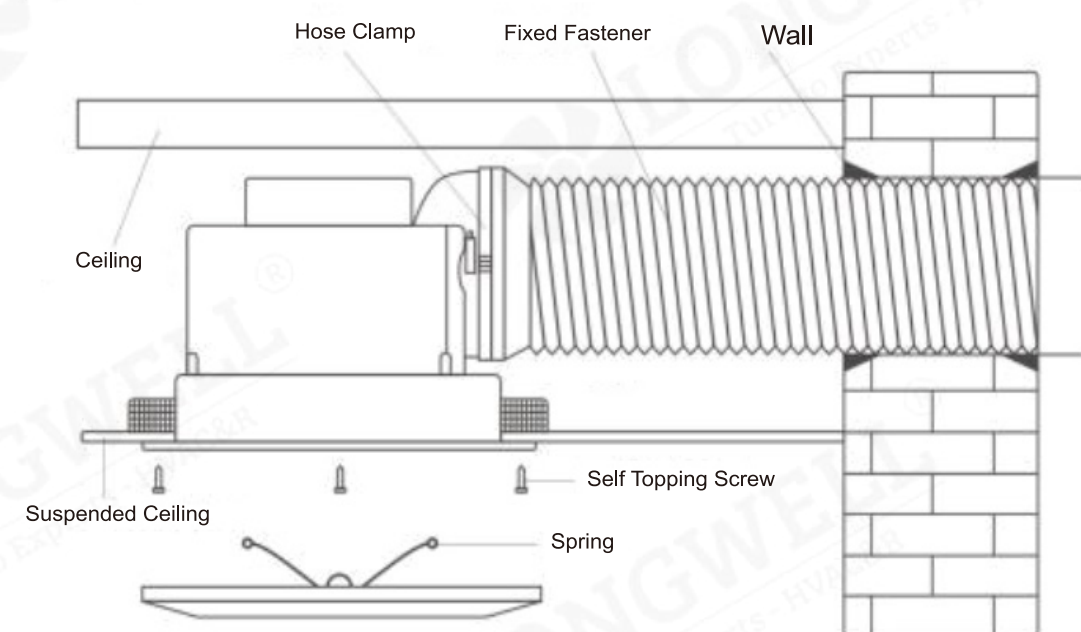


Technical Specifications

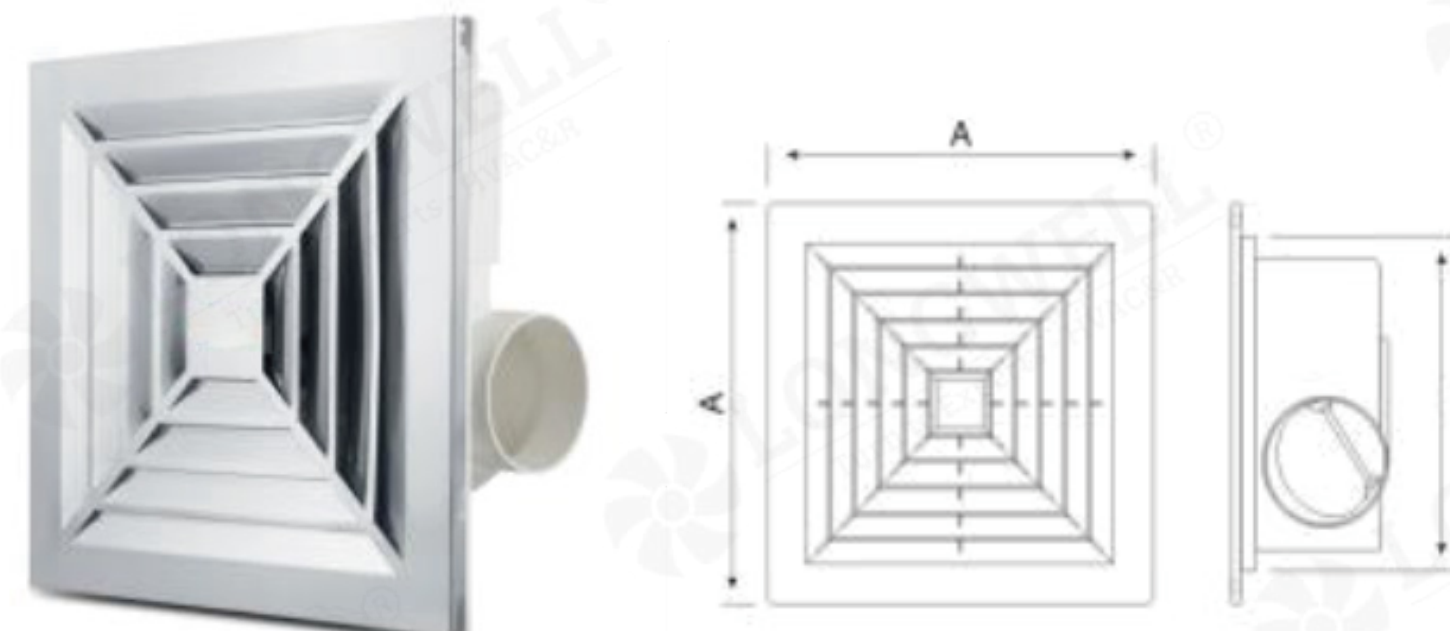
Model	A (mm)	B (mm)	Voltage (V~/Hz)	Air Volume (m³/h)	Speed (RPM)	Power (W)	Package Size (mm)	Packages (set)
LWEA300*300SP-055	300x300	300x300	220/50	300	1000	35W	890x355x395	5
LWEA300*300SP-056	300x300	300x300	220/50	180	1200	30W	715x365x465	5
LWEA300*300UP-057	300x300	300x300	110/60	300	1000	35W	890x355x395	5
LWEA300*300UP-058	300x300	300x300	110/60	180	1200	30W	715x365x465	5

Installation Diagram

- Original factory configuration device screws, power leads
- Use the ventilation fan according to the rated voltage and rated frequency
- When connecting to the power supply line, contacts must be installed on the power supply line. And all-pole switch with a distance of not less than 3.2mm
- When installing, care must be taken to avoid gas from the open airway or it's open fire equipment is returned into the room



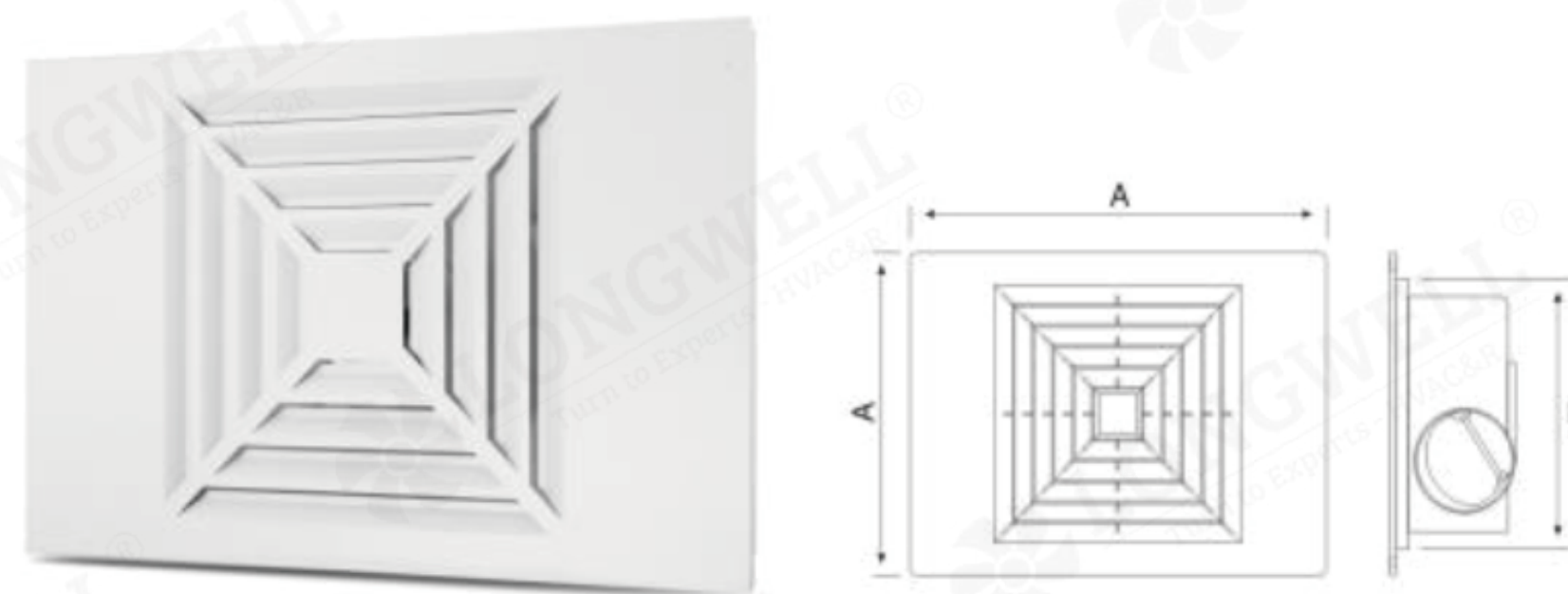
Luxury Integrated Ceiling Ventilator



Technical Specifications

Model	A (mm)	B (mm)	Voltage (V~/Hz)	Air Volume (m³/h)	Speed (RPM)	Power (W)	Package Size (mm)	Packages (set)
LWEA300*300SP-059	300x300	300x300	220/50	180	1200	30W	715x365x465	5

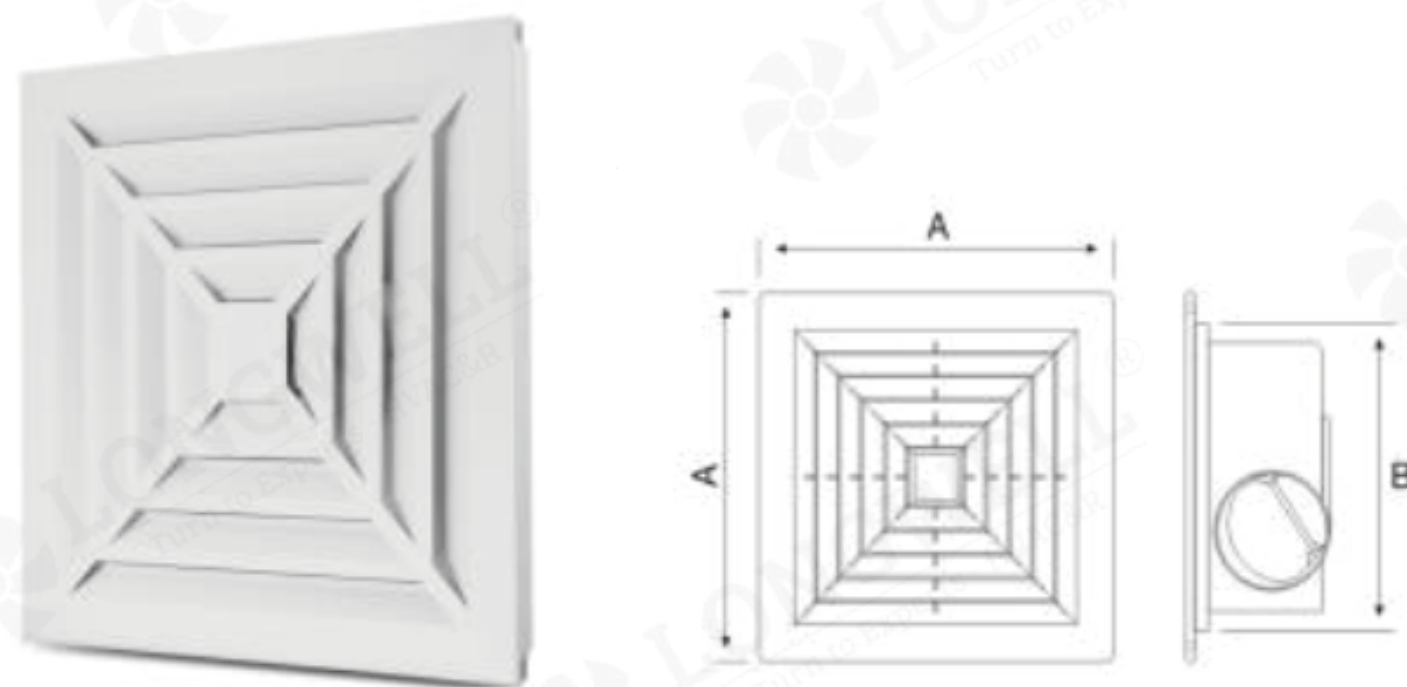
Luxury Integrated Ceiling Ventilator Fan



Technical Specifications

Model	A (mm)	B (mm)	Voltage (V~/Hz)	Air Volume (m³/h)	Speed (RPM)	Power (W)	Package Size (mm)	Packages (set)
LWEA300*450SP-060	300x450	300x450	220/50	200	1200	30W	715x465x465	5

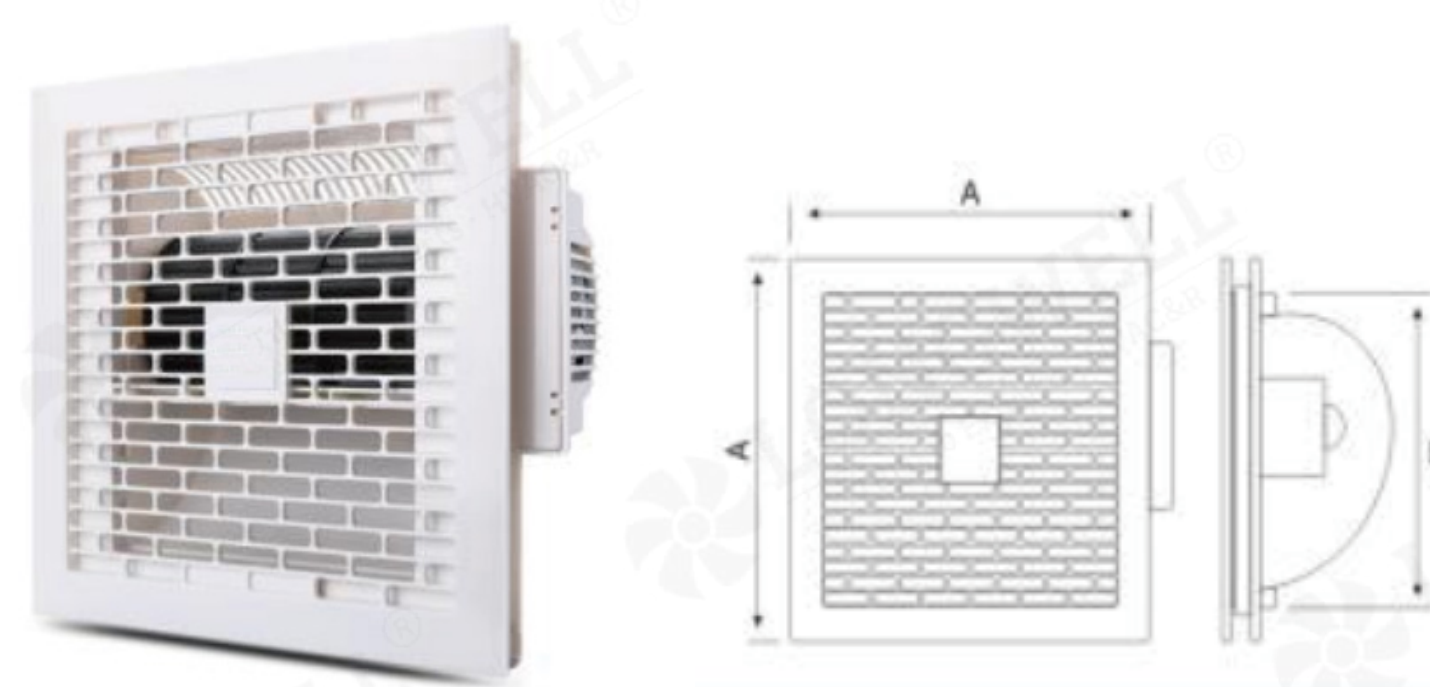
Luxury Integrated Ceiling Ventilator Fan



Technical Specifications

Model	A (mm)	B (mm)	Voltage (V~/Hz)	Air Volume (m³/h)	Speed (RPM)	Power (W)	Package Size (mm)	Packages (set)
LWEA450*450SP-061	450x450	450x450	220/50	200	1200	30W	715x365x465	5

Luxury Type Cool Ventilator Fan

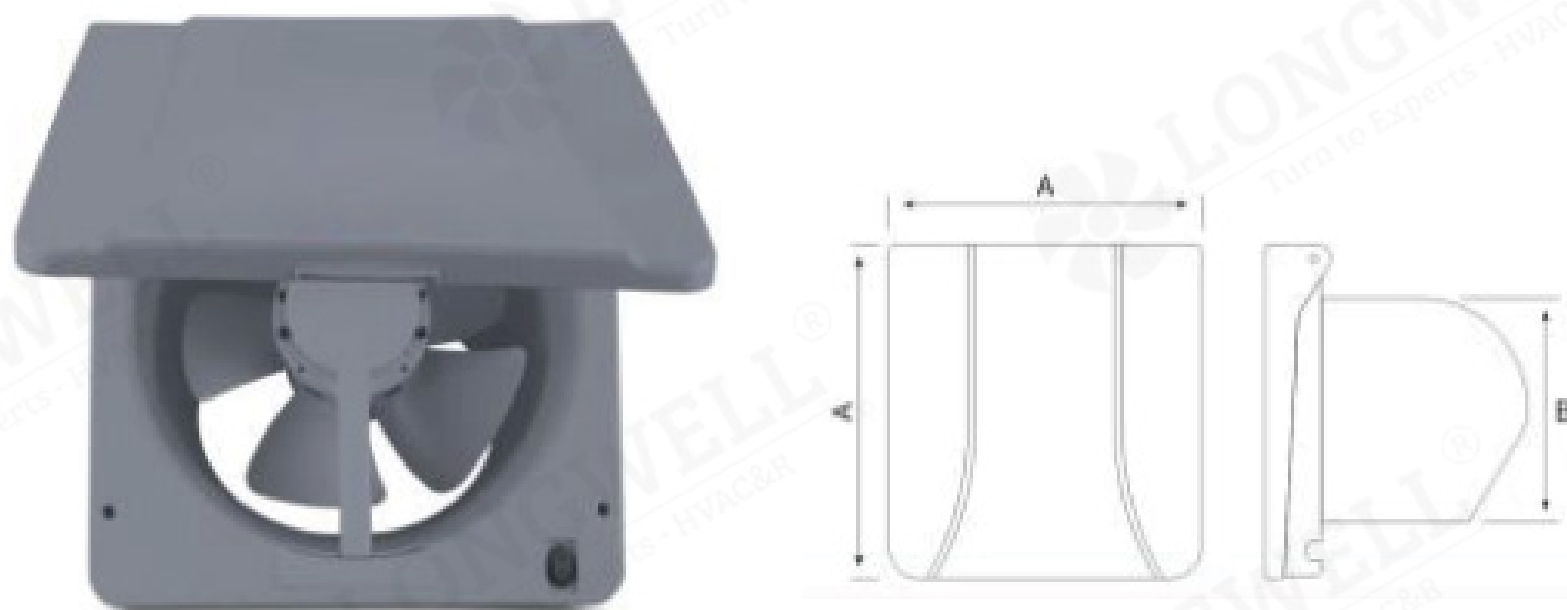


Technical Specifications

Installation method reference PO9

Model	A (mm)	B (mm)	Voltage (V~/Hz)	Air Volume (m³/h)	Speed (RPM)	Power (W)	Package Size (mm)	Packages (set)
LWEA300*300SP-064	300x300	245x245	220/50	250	1200	30W	750x355x355	5

King Fume Ventilation Fan

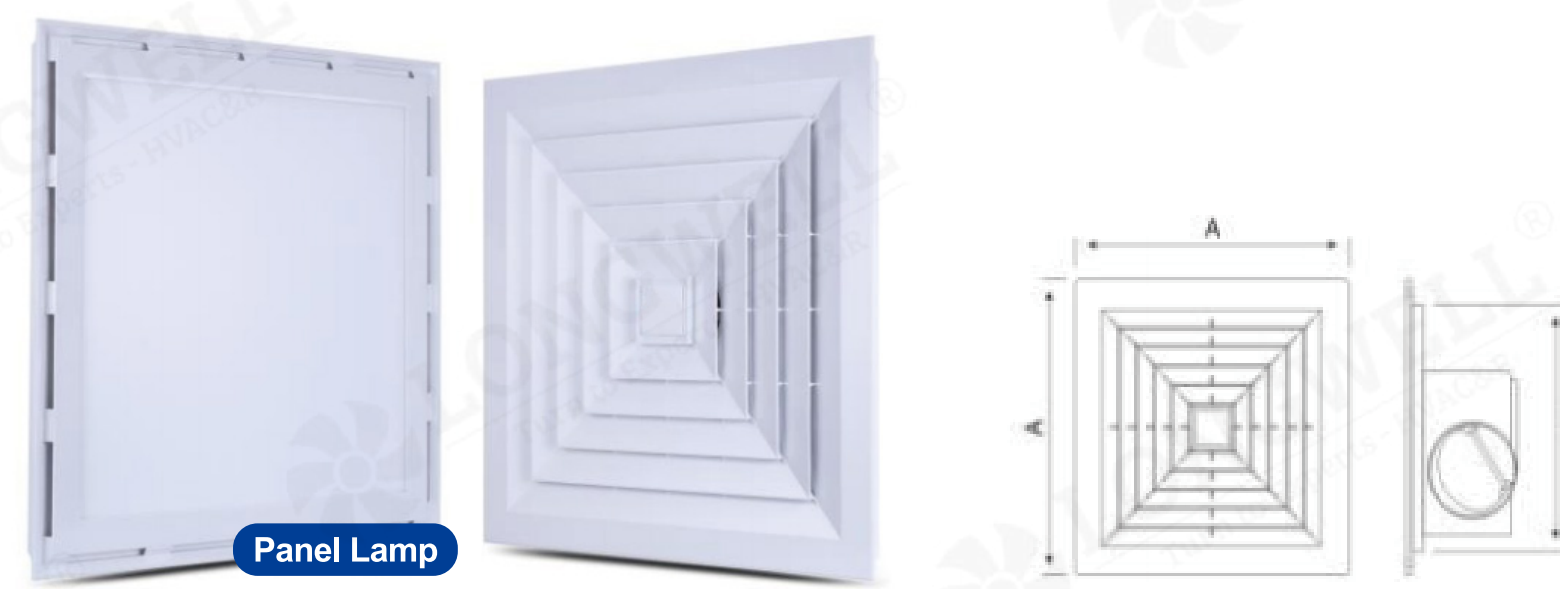


Technical Specifications

Installation method reference PO5

Model	A (mm)	B (mm)	Voltage (V~/Hz)	Air Volume (m³/h)	Speed (RPM)	Power (W)	Package Size (mm)	Packages (set)
LWEA250(10")SP-062	335x335	305x305	220/50	750	1300	35W	520x340x340	2
LWEA250(10")UP-063	335x335	305x305	110/60	750	1300	35W	520x340x340	2

Integrated Pipeline Ventilating Fan



Technical Specifications

Installation method reference PO9

Model	A (mm)	B (mm)	Voltage (V~/Hz)	Air Volume (m³/h)	Speed (RPM)	Power (W)	Package Size (mm)	Packages (set)
LWEA600(24")SP-065	600x600	600x600	220/50	720	1200	50W	660x180x650	1
LWEA600(24")SP-066	600x600	600x600	220/50	720	1200	100W	660x180x650	1