LONGWELL®
Turn to Experts - HVAC&R

Exhaust Fan

Professional HVAC Fan &Motors Manufacturer



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Type Code

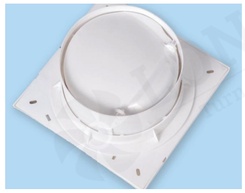
LW E A 100 S P - 001

- LW — Longwell
- E — E-Exhaust fan
- A — A-AC D-DC E-EC
- 100 — Impeller diameter
- S — T-380V S-230V U-115V L-12V M-24V H-48V Z-310V
- P — P-Plastic M-Metal
- 001 — Series number

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Exhaust Fan

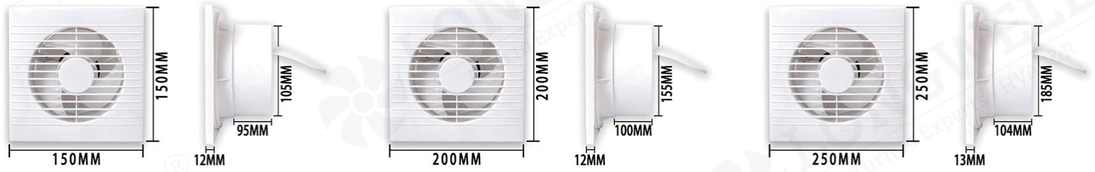






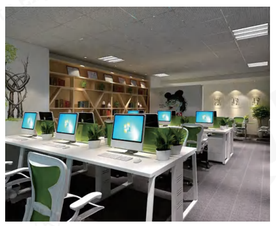
Technical Parameters

Model	Voltage (V)	Power (W)	Product size (mm)	Air flow (m^3/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



4 Inches 6 Inches 8 Inches

Mainly Application


Office


Kitchen

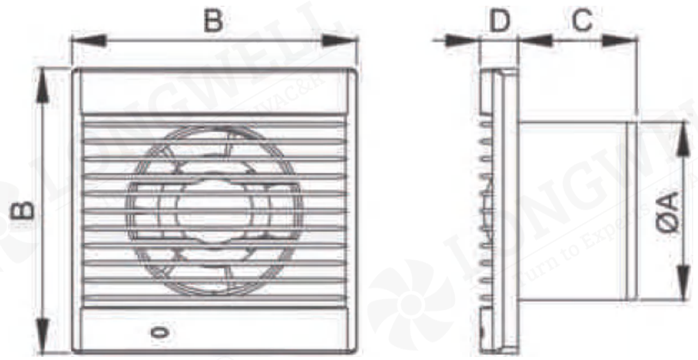

Bathroom


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	130m^3/h	240m^3/h	320m^3/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

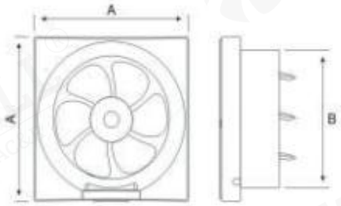
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Deluxe Louver Ventilator





Network

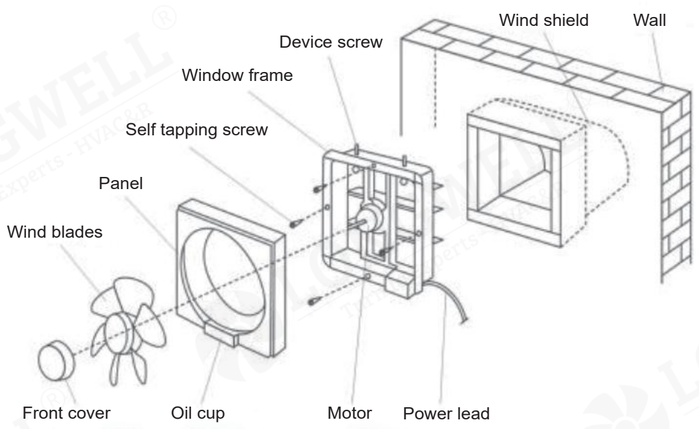


Technical Specifications

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

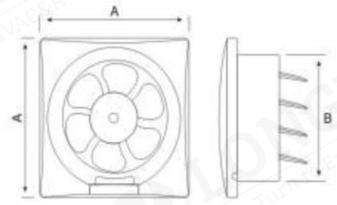
Installation Diagram

- 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 alll-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



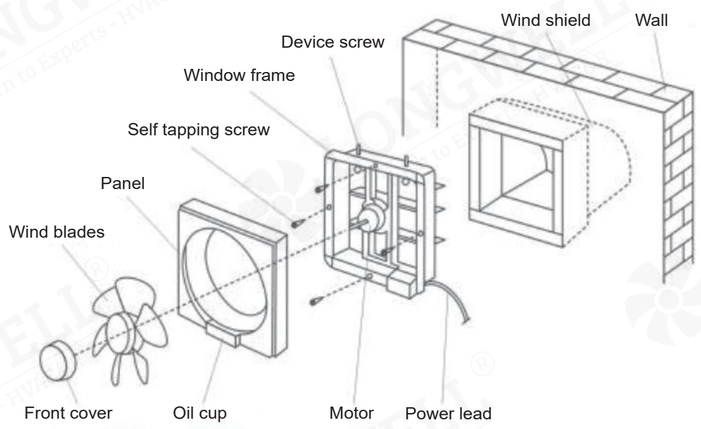


Technical Specifications

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

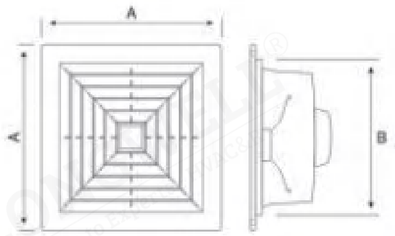
- Original factory configuration device screws,power leads
- When used to ventilate directly to the outside against strong winds,a windshield should be added
- Use the ventilation fan according to the rated voltage and rated frequency
- When connecting to the power supply line,contacts must be installed on the power supply line.And alll-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



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Smallpox Straight Row Ventilating Fan



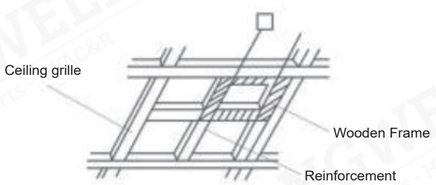


Technical Specifications

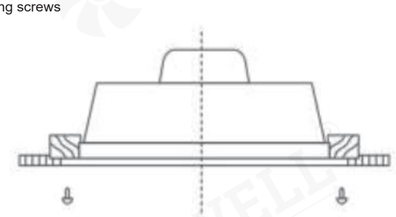
Model	A (mm)	B (mm)	Voltage (V~/Hz)	Air Volume (m³/h)	Speed (RPM)	Power (W)	Package Size (mm)	Packages (set)
LWEA200(8")SP-025	300x300	255x255	220/50	260	1300	25W	740x312x317	5
LWEA250(10")SP-026	323x323	280x280	220/50	450	1200	30W	697x355x365	5
LWEA300(12")SP-027	355x355	315x315	220/50	750	1200	40W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

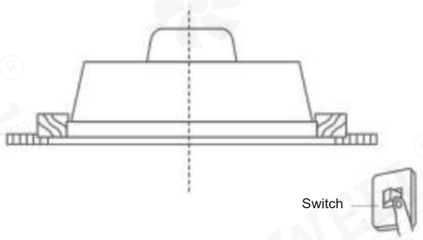
Building wooden frames and mounting wooden frames to the ceiling joists



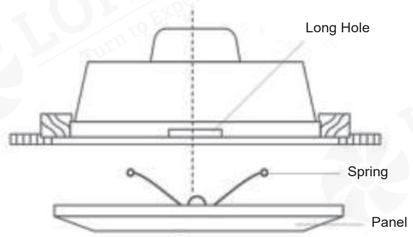
The main body is enclosed and installed in the frame and Secure with self-tapping screws



Connect the power cable and ground wire , then turn on the switch to confirm whether it's connected

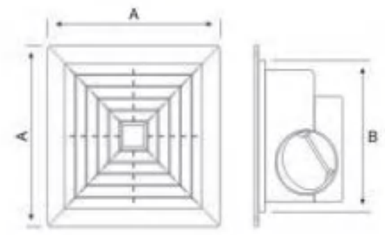


Fix the pannel with long holes



Ceiling Pipeline Type Ventilating Fan



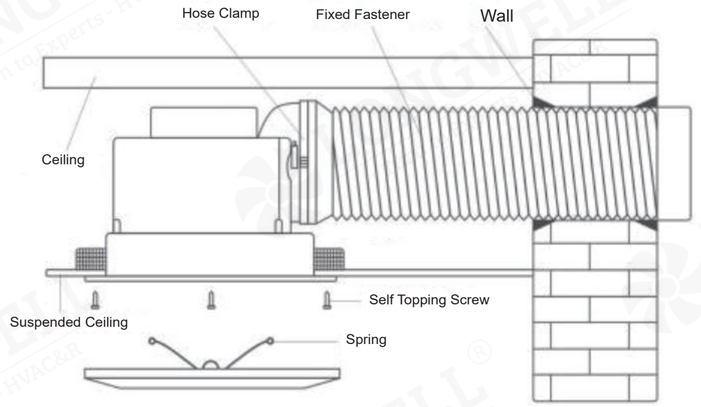


Technical Specifications

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

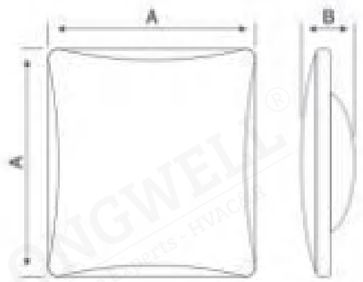
- Original factory configuration device screws,power leads
- When used to ventilate directly to the outside against strong winds,a windshield should be added
- Use the ventilation fan according to the rated voltage and rated frequency
- When connecting to the power supply line,contacts must be installed on the power supply line.And alll-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



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Window Bathroom Ventilator



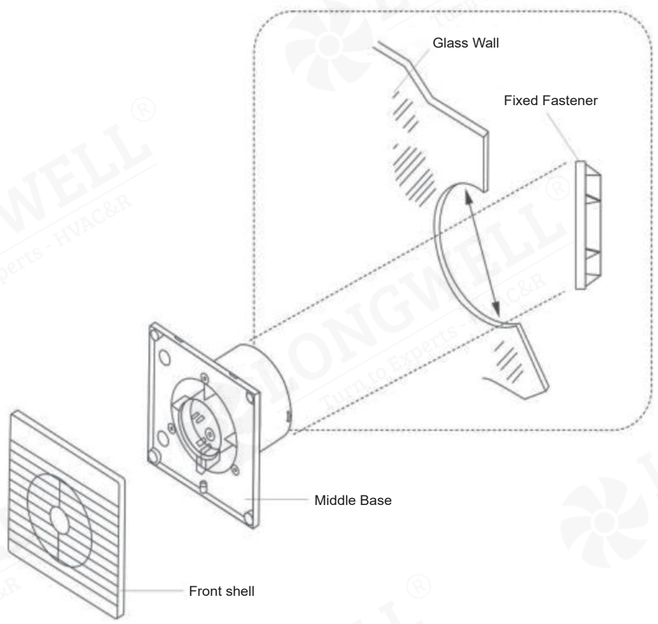


Technical Specifications

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

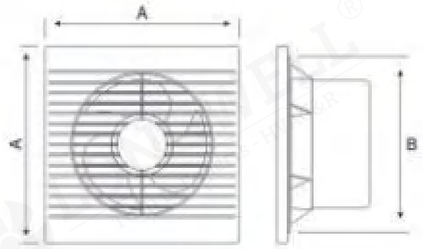
Installation Diagram

- 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



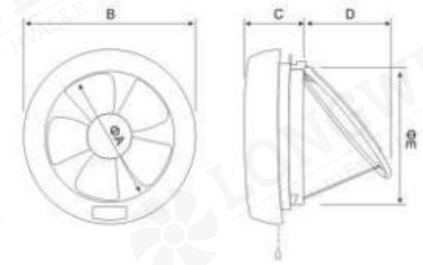


Technical Specifications

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

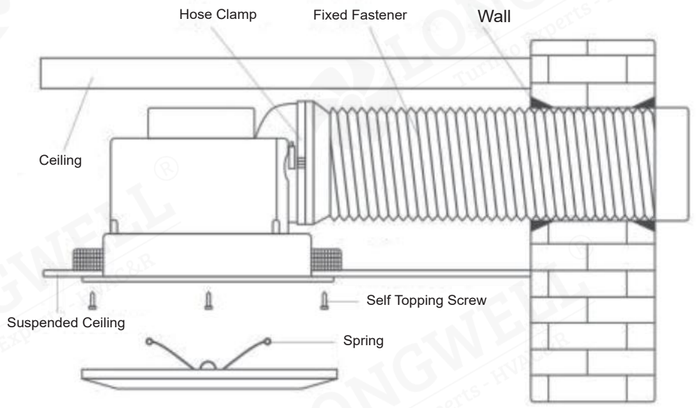


Technical Specifications

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

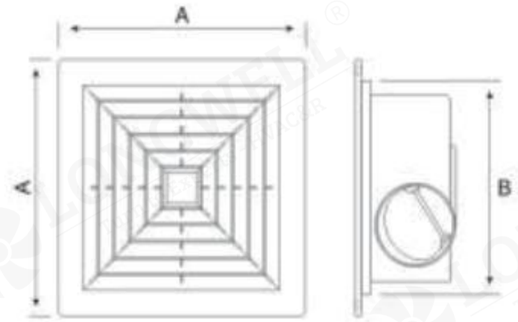
- Original factory configuration device screws,power leads
- Use the ventilation fan according to the rated voltage and rated frequency
- When connecting to the power supply line,contacts must be installed on the power supply line.And alll-pole switch with a distance of not less than 3.2mm
- When installing,core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



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Luxury Integrated Ceiling Ventilator



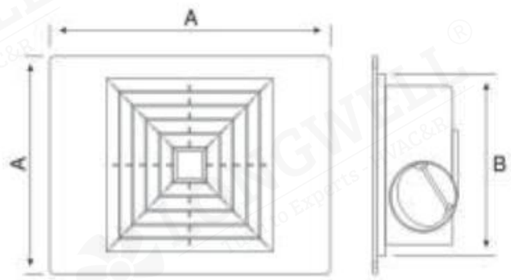


Technical Specifications

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





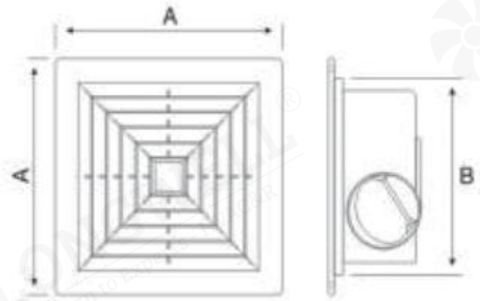
Technical Specifications

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

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Luxury Integrated Ceiling Ventilator Fan



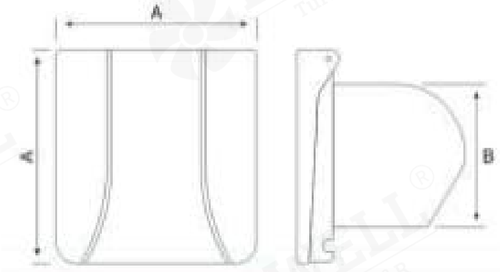


Technical Specifications

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

King Fume Ventilation Fan





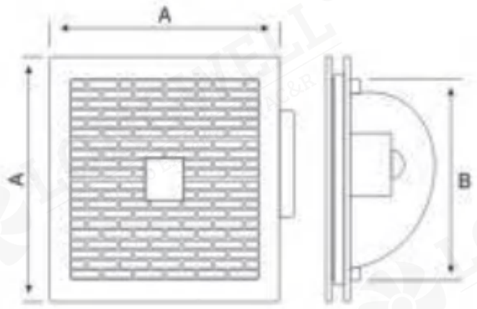
Technical Specifications

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

Luxury Type Cool Ventilator Fan





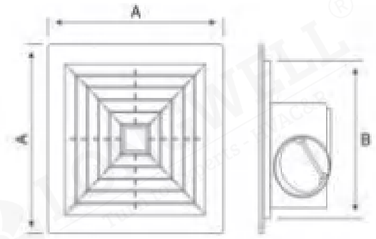
Technical Specifications

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

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