Engineered for the Critical

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



LONGWELL®
Turn to Experts - HVAC&R

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CE RoHS ETL BSCI ISO EAC UL LVD

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LONGWELL TECHNOLOGY

The Ventilation and Drive Technology Partner for Mission-Critical Environments



Professional Manufacturer of HVACR Fan & Motors

—— Poultry Ventilation Fans

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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.

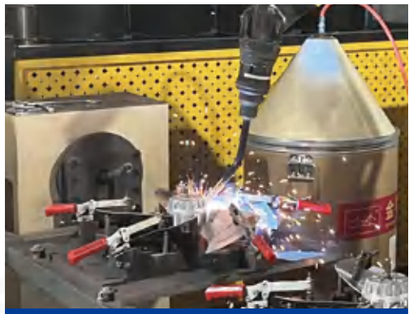
At LONGWELL, innovation is at the core of our operations, driving continuous improvement. With our extensive experience and expertise, we can quickly customize solutions that meet customer needs. We emphasize technological sophistication, utilizing advanced technologies and high-performance materials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

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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

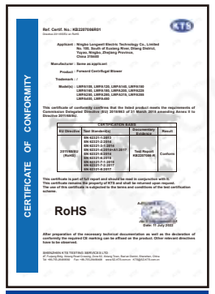

Own-Brand


Own-Brand


ETL


ETL

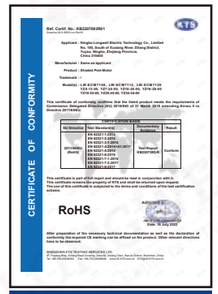

CE


RoHS


CE


CE


CE


RoHS


ETL


ETL

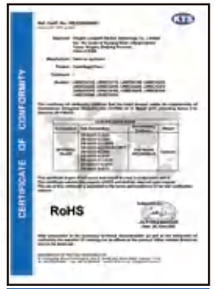

ETL


CE

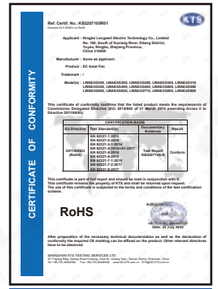

CE

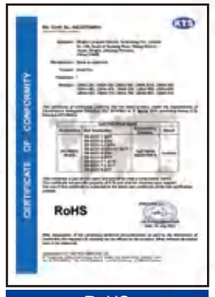

ISO 9001


ISO 9001


RoHS


RoHS


RoHS


RoHS


RoHS


CE


CE


CE

Type Code

LW PV A 455(18”) S - 01

- Series number
- T-380V U-15V S-230V
- Diameter of blade/Product specification
- A-Fiberglass fan B-Galvanized box fan
  C-Circulation fan D-Drum fan
  E-Push and pull type fan
  L-Cone fan H-Hanging eaxhaust fan
- PV-Poultry Ventilation
- Longwell

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Poultry Ventilation Fans

Professional HVAC Fan &Motors Manufacturer





Push And Pull Type Fan

(Push-pull type)

Model	Height (mm)	Width (mm)	Thickness (mm)
LWPVE-800T -01	800	800	450
LWPVE-1000T -01	1000	1000	450
LWPVE-1100T -01	1100	1100	450
LWPVE-1380T -01	1380	1380	450
LWPVE-1530T -01	1530	1530	450





Product Characteristic

High Class Fan is composed of a blade, motor, outer frame protecting nets and supporting frames and shutters. The shutters are opened by the Push-pull Centrifugal system. The major parts are made of galvanized steel sheets (180g/275g/m2 zinc coating)and stainless steel sheets. Based on sound aerodynamic principles, wind resistance is minimized and efficient airflow is achieved. All products are used in a wide range of settings, including various types of farms, greenhouses and factory buildings.











Technical Specifications

Model	Diameter of blades(mm)	Blades speed(RPM)	Motor speed(RPM)	Air flow (m^3/h)	Total pressure (Pa)	Noise [dB(A)]	Input power(W)	Rated voltage(V)
LWPVE-800T -01	710(28")	650	1400	18000	60	≤70	370	380
LWPVE-1000T -01	910(36")	650	1400	26000	60	≤70	550	380
LWPVE-1100T -01	1000(40")	600	1400	33000	70	≤70	750	380
LWPVE-1380T -01	1270(50")	440	1400	43500	56	≤70	1100	380
LWPVE-1530T -01	1400(55")	420	1400	51000	56	≤75	1500	380

Push And Pull Type Fan

(Hammer type)

Product Characteristic

Fans mainly consists of blade, motor, frame, protect net, bracing cage, shutters.The motor drives blade to cause air flow and louver window can open and close automatically to keep the dust from entering.





Mainly Applications









Model	Height (mm)	Width (mm)	Thickness (mm)
LWPVE-600(24")T -01	600	600	370
LWPVE-800(29")T -02	800	800	400
LWPVE-900(30")T -01	900	900	400
LWPVE-1000(36")T -01	1000	1000	400
LWPVE-1100(40")T -02	1100	1100	400
LWPVE-1220(44")T -01	1220	1220	400
LWPVE-1380(50")T -01	1380	1380	400
LWPVE-1530(56")T -02	1530	1530	400

Technical Specifications

Model	Diameter of blades(mm)	Blades speed(RPM)	Motor speed(RPM)	Air flow (m^3/h)	Total pressure (Pa)	Noise [dB(A)]	Input power(W)	Rated voltage(V)
LWPVE-600(24")T -01	500	680	1400	6500	60	≤60	370	380
LWPVE-800(29")T -02	710	660	1400	22000	60	≤60	370	380
LWPVE-900(30")T -01	750	630	1400	28000	65	≤65	550	380
LWPVE-1000(36")T -01	900	610	1400	30000	70	≤70	550	380
LWPVE-1100(40")T -02	1000	600	1400	32500	70	≤70	750	380
LWPVE-1220(44")T -01	1100	460	1400	38000	73	≤70	1100	380
LWPVE-1380(50")T -01	1250	439	1400	44000	56	≤70	1100	380
LWPVE-1530(56")T -02	1400	325	1400	55800	60	≤70	1500	380

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Butterfly Type Cone Fan

Model	Height (mm)	Width (mm)	Thickness (mm)
LWPVL-910T-01	1000	1000	1180
LWPVL-1270T-01	1380	1380	1300
LWPVL-1530T-01	1530	1530	1300





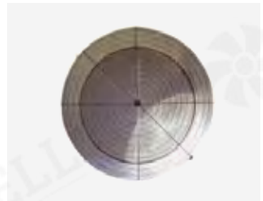


Product Characteristic

- Using an advanced front double door opening device, small wind resistance, good sealing,and high efficiency are provided. A lengthened one design helps improve exhaust power.
- Galvanized steel frame: made of 275g/m². Provides rust protection.
- Fan double doors are closed with the rubber sealing which effectively prevents air backflow when the fan is started at different times. This greatly improves the operating efficiency by 15-20%, as compared with a fan of the same power.
- Fan blades are especially designed for top grade efficiency, being made of stainless steel by punch forming. It moves alarge volume of air and exhibits no deformation, breakage or dust. It is attractive and durable. Thickness: 1.2mm; surface finish: BA grade.









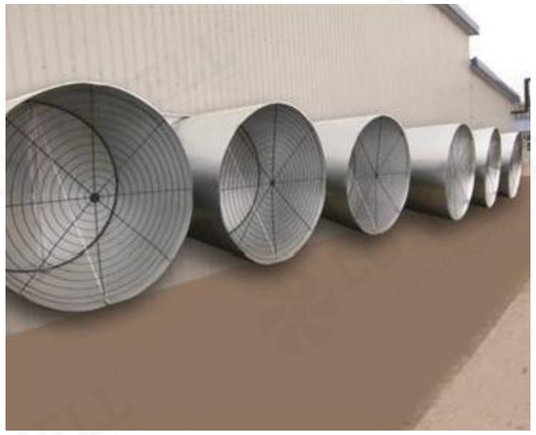
Technical Specifications

Model	Diameter of blades(mm)	Blades speed(RPM)	Motor speed(RPM)	Air flow (m³/h)	Total pressure (Pa)	Noise [dB(A)]	Input power(W)	Rated voltage(V)
LWPVL-910T-01	910	600	1400	31000	70	≤70	550	380
LWPVL-1270T-01	1270	439	1400	51000	80	≤70	1100	380
LWPVL-1530T-01	1400	439	1400	56000	80	≤72	1500	380

Shutter Cone Fan







Model	Height (mm)	Width (mm)	Thickness (mm)
LWPVL-900T-01	1000	1000	1100
LWPVL-1000T-01	1100	1100	1100
LWPVL-1250T-01	1380	1380	1250

Product Characteristic

- Reasonable cone design: Allows for the concentration of air pressure and direction which results in bigger airflow. It is energy-efficient and exhibits a lower noise level.
- The frame is composed of hot galvanized steel made with advanced auto-machining techniques. The thickness of the galvanized layer is 275g/ m².
- Model 430BA: Each fan is composed of 6 stainless steel blades. A balance test is performed to ensure that weight is similar among the blades.

Technical Specifications

Model	Diameter of blades(mm)	Blades speed(RPM)	Motor speed(RPM)	Air flow (m³/h)	Total pressure (Pa)	Noise [dB(A)]	Input power(W)	Rated voltage(V)
LWPVL-900T-01	900	600	1400	23000	65	≤65	550	380
LWPVL-1000T-01	1000	600	1400	32500	70	≤70	750	380
LWPVL-1250T-01	1250	439	1400	44000	80	≤70	1100	380

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Frp Aluminum Blade Fan

Product Characteristic

- This fiberglass fan is suitable for pig and poultry farms with corrosive gases.
- The fiberglass shell is extremely strong, corrosion-resistant, non-deformable, and non-fading.
- The horn-shaped exhaust port is highly resistant to impact, increasing performance by 10%.
- The aluminum blade is designed with a serrated edge to effectively reduce noise and improving efficiency.
- High-quality imported bearings ensure smooth and efficient operation of the blades.
- It features a car-type belt tensioner that can be lubricated, and a high-quality and efficient motor (optional).



Cast aluminum blades



PA66+GF Blades



Belt-Driven system



Direct-Driven System



High efficiency Motor

Frp Cone Fan

Product Characteristic

Fiberglass fan is widely used in corrosive gas place like piggery farm, poultry farm

Specification:

- UV resistant fiberglass housing
- Fiberglass cone standard on all fans, can improve 10% efficiency
- Aluminum blade with sawtooth design, reduce the noise
- High quality imported pillow block bearings
- Automotive style belt tensioner
- Higher quality motor will be available



Direct-Driven System



Belt-Driven system



Fan shutter

Model	Voltage frequency/phase	Complete size LXHXW(mm)	Size with cone LXHXW(mm)
LWPVA-1460T(S) -01	380V/220V 50Hz/60Hz 3/1	1460×1460×500	1460×1460×1270
LWPVA-1260T(S) -01		1260×1260×560	1260×1260×1200
LWPVA-1060T(S) -01		1060×1060×560	1060×1060×1160
LWPVA-850T(S) -01		850~850~450	850×850×950
LWPVA-660T(S) -01		660×660×450	
LWPVA-560T(S) -01		560×560×450	

Technical Specifications

Model	Propeller Dia. [Mm/(Inch)]	Blades QTY	Propeller material	Rated speed(R/min)	Air capacity [m³/h/(CFM)]	Rated power (KW/HP)	Noise [dB(A)]
LWPVA-1460T(S) -01	1250/(50")	6	Fiberglass	520	44000(26000)	1.1/1.5	60-70
LWPVA-1260T(S) -01	1080/(43")	6	Fiberglass	520	40000(23500)	0.75/1	60-70
LWPVA-1060T(S) -01	880/(36")	6	Fiberglass	520	28000(16600)	0.55/0.75	60-70
LWPVA-850T(S) -01	660/(25")	6	Fiberglass	700	13000(7700)	0.37/0.5	60-70
LWPVA-660T(S) -01	480/(19")	6	Fiberglass	950	10000(4100)	0.37/0.5	60-70
LWPVA-560T(S) -01	380/(15")	6	Fiberglass	950	8000(3000)	0.37/0.5	60-70

High Strength Wet Curtain

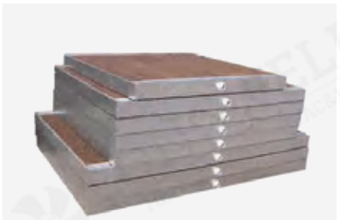
Product Characteristic

Corrugated paper special treatment, high structural strength, corrosion resistance, long service cycle; With excellent permeation and water absorption, which can ensure that water evenly through the whole wet curtain wall; The specific three-dimensional space structure provides the maximum evaporation surface area for the heat exchange between water and air Aluminum alloy & Galvanized Metal Frame optional.





Wet Curtain Frame



Galvanized Metal Frame

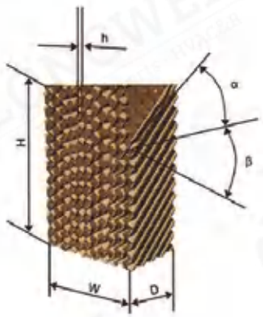


Stainless steel Frame



Cast aluminum Frame

Wet Curtain Specifications & Size



Model	7090	7060
H(mm)	1500.1800.2000	1500.1800.2000
W(mm)	900.600.300	900.600
D(mm)	100.150.200.300	100.150.200.300
h(mm)	7	5
α(*)	45	45
β(*)	45	45

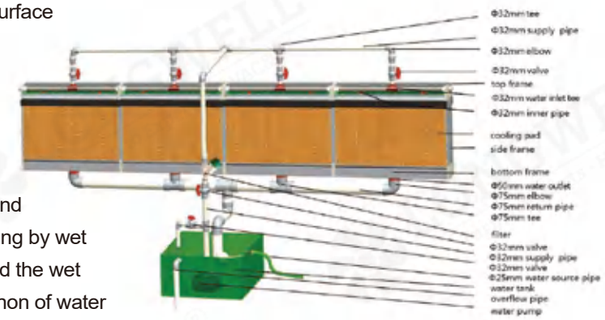


H:Height W:Width
D:Thickness h:Flute high
α:Across angle (1)
β: Across angle (2)

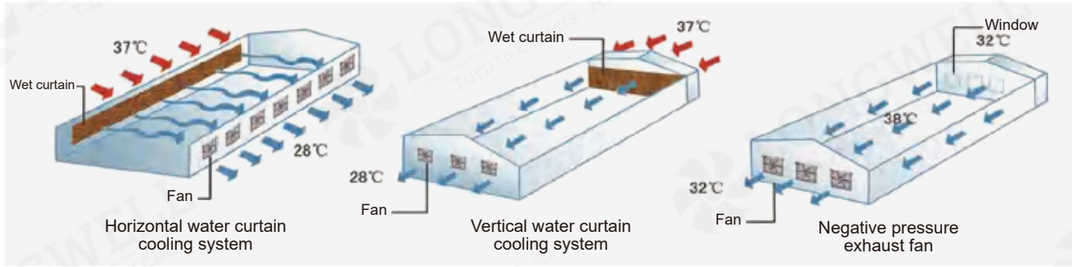
High Strength Wet Curtain

Product Characteristic

The wet curtain has a thin layer of water film on the surface of its corrugated fiber paper. When the hot and dry outdoor air is drawn through the paper pad by the fan, the water on the water film absorbs the heat in the air and evaporates into water vapor. In this way, the processed cool and moist air enters the indoor environment. This natural process is similar to the wind blowing over the water surface. The principle of cooling by wet curtain utilizes the effective combination of the fan and the wet curtain to artificially reproduce the physical phenomenon of water evaporation and cooling in nature, achieving the purpose of cooling.



Fan, Wet Curtain Ventilation Cooling Diagram



Mainly Applications









Hanging Eaxhaust Fan





Product Characteristic



● The motor features an aluminum-magnesium alloy casing, offering excellent heat dissipation and high efficiency. It is compact in size, lightweight, and delivers high torque with low current consumption.



● The fan guide cover is made of thickened galvanized steel, plastic, or stainless steel, reflecting our commitment to ergonomic design and continuous improvement. Featuring an outward-flared edge for optimized airflow, it enhances ventilation while reducing fan vibration and noise, ensuring more stable operation.

Technical Specifications

Model	Diameter of blades(mm)	Rated voltage(V)	Pole	Frequency (Hz)	Input power(W)	Air flow (m³/h)
LWPVH-1000T-01	1000	380	6	50	400	19800

Applications Examples





Hanging Eaxhaust Fan

Model	Height (mm)	Width (mm)	Thickness (mm)
LWPVH-750T-01	900	900	380
LWPVH-900T-01	1000	1000	380
LWPVH-1000T-02	1100	1100	380
LWPVH-1100T-01	1220	1220	380




Product Characteristic



● Fan blades are adjusted by an intelligent dynamic-balance tester, ensuring the fan is smooth running and exhibits a lower vibrationand noise level. It also increases its stability and service life.

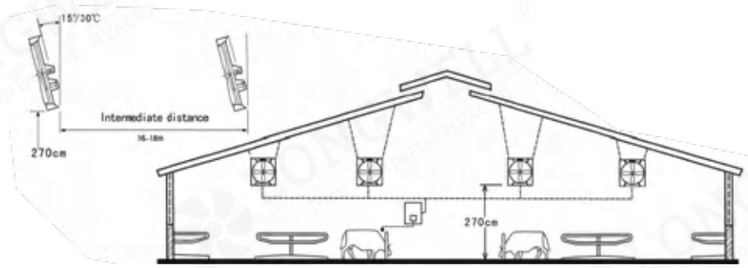


● Fan blade: made of stainless steel by punch forming. Mirror finish. Moves a large air volume and exhibits no deformation nor dust. Attractive and durable.



● Motors: Aluminum-Magnesium alloy housing, good heat emission, high efficiency, reasonable dimensions, light weight, low current, big torque.

Installation Diagram





Technical Specifications

Model	Diameter of blades(mm)	Blades speed(RPM)	Transmission mode	Air flow (m³/h)	Total pressure (Pa)	Noise [dB(A)]	Input power(W)	Rated voltage(V)
LWPVH-750T-01	750	620	Belt/Direct drive	22000	65	≤65	450	380
LWPVH-900T-01	900	600	Belt/Direct drive	23000	70	≤70	550	380
LWPVH-1000T-02	1000	600	Belt/Direct drive	32500	70	≤70	750	380
LWPVH-1100T-01	1100	560	Belt/Direct drive	38000	73	≤70	750	380

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The Wind Window Side Wall

Product Characteristic

Seal tight, side open installation, length can be customized. Adopt polyb, ABS, new material, three kinds of materials, can be made to order.





Air Inlet

Product Characteristic

Negative pressure automatic open window, open and close sensitive and convenient, automatic maintenance of indoor and outdoor pressure difference, and can make the outside light become soft, plate adopts domestic famous brand, good light transmittance and not easy to deformation; Rotating shaft adopts solid stainless steel aperture, opening and closing is stable and reliable; Pulling and opening parts can be added to control opening and closing by winch; Black counterweight block surface after 6 times of treatment, anti-corrosion, anti-rust; OEM Size available.



Ceiling Ventilation Window

Product Characteristic

ABS engineering plastic and PVC plastic material processing and become, have double insulation effect, is the best choice of ventilation suction a top, corrosion resistance, anti-aging, deformation, tightly closed and open easily, length can be customized.

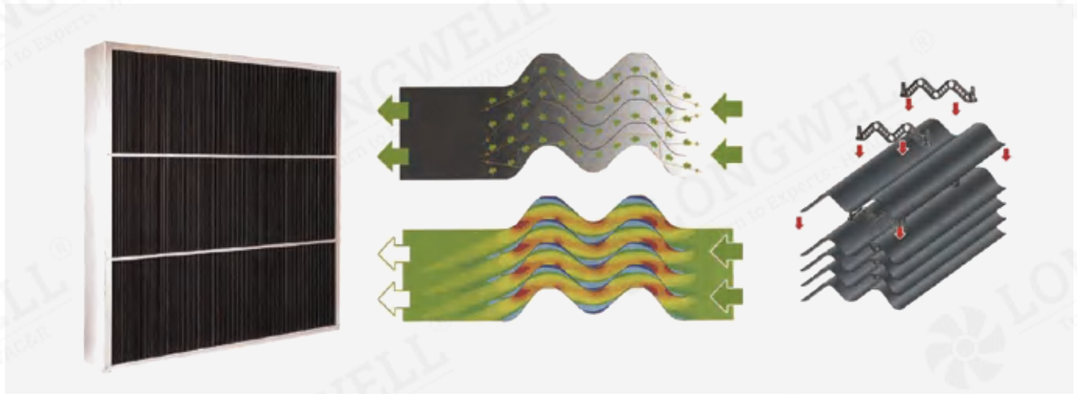




Poultry Light Filter

Product Characteristic

It is refined by injection molding and non glare PVC material. Durable resistance to sunlight, chemical resistance, high pressure cleaning; Reasonable design, can assemble different size, easy installation, efficient reduction of light; The outer frame is made of stainless steel frame and galvanized outer frame;



Circulation Fan

Product Characteristic



- Features the excellent "Haier" brand electronics.
- International advanced energy conservation technology tested.
- Light aluminum board punch press fan blazer: exhibits a wide angle, large air pressure and low noise.
- Outer covering is stainless steel. Steel spraying is also available.
- Equipped with beautiful and convenient button type hanging articles.
- Long service life: over 10 years.

Technical Specifications

Model	Diameter of blades(mm)	Air flow (m^3/h)	Power (W)	Rated voltage(V)	Speed (RPM)	Frequency (Hz)
LWPVC-300T(S)-01	300	2880	150	220(380)	1400	50
LWPVC-400T(S)-01	400	4180	250	220(380)	1400	50
LWPVC-500T(S)-01	500	5300	250	220(380)	1400	50
LWPVC-600T(S)-01	600	6500	370	220(380)	1400	50

Mainly Applications







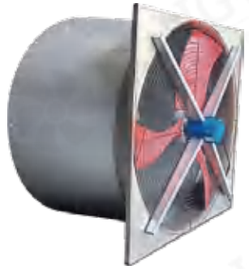
High-Vacuum Butterfly Damper Duct Fan

Product Characteristic

- Featuring an advanced front dual-door opening mechanism for low wind resistance, superior sealing, and high efficiency; an extended bell-mouth design enhances suction pressure.
- Both permanent magnet motors and high-efficiency motors are available as options. The permanent magnet motor achieves over 91% efficiency, while the high-efficiency motor exceeds 82.5%. Direct drive transmission ensures even higher efficiency, eliminating the need for belt tensioning and related maintenance.

- The fan features dual doors equipped with rubber sealing devices. When multiple fans operate with staggered starts based on environmental conditions, this design effectively prevents air backflow and significantly improves operational efficiency. Compared to fans of the same power rating, this system achieves 15-20% higher efficiency.
- The extended air intake (250-300mm height) of the zinc-aluminum-magnesium alloy collector (275g/m^2) enhances the fan's air collection capacity and increases wind pressure.
- The fan blades consist of 3 PA material blades resistant to 250Pa pressure, having passed rigorous dynamic balance tests. The serrated blade design is more energy-efficient and noise-reducing.







Technical Specifications

Model		LWPVL-1448T-01	LWPVL-1300T-01
Dimension	Overall dimensions(mm)	1530×1530×1100	1380×1380×1100
	Port size(mm)	1550×1550	1400×1400
Airflow(m^3/h)	0Pa	66700	58900
	-25Pa	61000	53700
	-50Pa	56020	49200
	-75Pa	49700	43400
	-100Pa	43100	37500
Fan Housing	Material thickness/ Manufacturing process	2mm×275g Zn-al-mg coated steel sheet,high-strength drawn panel formed by single-step stamping	1.5mm×275g Zn-al-mg coated steel sheet,high-strength deep-drawn panel formed by single-step stamping
Airflow Collector	Material thickness/ Manufacturing process	1mm 275g Zn-al-mg coated steel,cold stamped	1.0mm 275g/m^2 Zn-al-mg coated steel,cold stamped
	Butterfly door circular component material	Fabrication of zn-al-mg coated square tubes	Fabrication of zn-al-mg coated square tubes
Fan Blade	Material	PA	PA
	Diameter	1448mm	1330mm
	Number of blades	3PCS	3PCS
Motor Electric Machine	Transliteration	Topfan	Topfan
	Rated voltage/Frequency	3-Phase/380V/50Hz	3-Phase/380V/50Hz
	Rated power	2.2kW-10 IE3 High efficiency motor	1.5kW-8 IE3 High efficiency motor
	Rated current	5.4A/4.7A	4.8A/4. 1A
Direct Drive	Belt/Direct drive	Direct drive	Direct drive
Fixed Bracket	Form/Material	275g/m^2 Zn-al-mg coating	275g/m^2 Zn-al-mg coating
Butterfly Door	Type	Mechanical type	Mechanical type
	Standard parts	304SS	304SS
	Material	1mm thick,275g zinc-aluminum-magnesium	1mm thick,275g zinc-aluminum-magnesium
Safety Net	Material and surface treatment	Hot-dip galvanizing+Powder coating	Hot-dip galvanizing+Powder coating
Standard Parts	Material	304SS	304SS
	Type	Self-locking screw	Self-locking screw

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High-Vacuum Louver Damper Duct Fan

Product Characteristic

- The innovative and optimized bell-mouth design, combined with precisely calibrated blade clearances, effectively concentrates airflow and directs wind paths, resulting in significantly enhanced static pressure and increased air velocity.
- The frame is precision-engineered using advanced automated equipment for high dimensional accuracy, superior structural integrity, and ease of assembly. The construction utilizes Zn-Al-Mg alloy steel sheet with a 275g/m² coating weight.
- The fan assembly features three polyamide (PA) blades with a 250Pa pressure rating, having passed rigorous dynamic balancing tests. The patented serrated blade design delivers enhanced energy efficiency and superior noise reduction.
- The collector is constructed with Zn-Al-Mg alloy sheet (275g/m² coating) and features an extended air intake design (250-300mm height), significantly enhancing the fan's air-collecting efficiency and static pressure performance.







Technical Specifications

Model		LWPVL-1448T-02	LWPVL-1300T-02
Dimension	Overall dimensions(mm)	1530×1530×1100	1380×1380×1100
	Port size(mm)	1550×1550	1400×1400
Airflow(m³/h)	0Pa	66700	58900
	-25Pa	61000	53700
	-50Pa	56020	49200
	-75Pa	49700	43400
	-100Pa	43100	37500
Fan Housing	Material thickness/ Manufacturing process	2mm×275g Zn-al-mg coated steel sheet,high-strength drawn panel formed by single-step stamping	1.5mm×275g Zn-al-mg coated steel sheet,high-strength deep-drawn panel formed by single-step stamping
Airflow Collector	Material thickness/ Manufacturing process	1mm 275g Zn-al-mg coated steel,cold stamped	1.0mm 275g/m² Zn-al-mg coated steel,cold stamped
	Butterfly door circular component material	Fabrication of zn-al-mg coated square tubes	Fabrication of zn-al-mg coated square tubes
Fan Blade	Material	PA	PA
	Diameter	1448mm	1330mm
	Number of blades	3PCS	3PCS

Motor Electric Machine	Transliteration	Topfan	Topfan
	Rated voltage/Frequency	3-Phase/380V/50Hz	3-Phase/380V/50Hz
	Rated power	2.2kW-10 IE3 High efficiency motor	1.5kW-8 IE3 High efficiency motor
	Rated current	5.4A/4.7A	4.8A/4. 1A
Direct Drive	Belt/Direct drive	Direct drive	Direct drive
Fixed Bracket	Form/Material	275g/m² Zn-al-mg coating	275g/m² Zn-al-mg coating
Butterfly Door	Type	Mechanical type	Mechanical type
	Standard parts	304SS	304SS
	Material	1mm thick,275g zinc-aluminum-magnesium	1mm thick,275g zinc-aluminum-magnesium
Safety Net	Material and surface treatment	Hot-dip galvanizing+Powder coating	Hot-dip galvanizing+Powder coating
Standard Parts	Material	304SS	304SS
	Type	Self-locking screw	Self-locking screw

Push-pull Type Fan

Model	Height (mm)	Width (mm)	Thickness (mm)
LWPVE-900T-02	1000	1000	450
LWPVE-1000T-03	1100	1100	450
LWPVE-1295T-03	1380	1380	450
LWPVE-1370T-02	1530	1530	450





Technical Specifications

Model	Diameter of blades(mm)	Blades speed(RPM)	Motor speed(RPM)	Air flow (m³/h)	Total pressure (Pa)	Noise [dB(A)]	Input power(W)	Rated voltage(V)
LWPVE-900T-02	900	650	1400	28000	60	≤70	750	380
LWPVE-1000T-03	1000	600	1400	35000	70	≤70	750	380
LWPVE-1295T-03	1295	440	1400	44000	56	≤70	1100	380
LWPVE-1370T-02	1370	420	1400	52000	56	≤75	1500	380

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Permanent Magnet Push-pull Type Fan

Model	Height (mm)	Width (mm)	Thickness (mm)
LWPVE-900T-01	1000	1000	450
LWPVE-1000T-02	1100	1100	450
LWPVE-1295T-01	1380	1380	450
LWPVE-1370T-01	1530	1530	450
LWPVE-1445T-01	1530	1530	450



Technical Specifications

Model	Diameter of blades(mm)	Blades speed(RPM)	Motor speed(RPM)	Air flow (m^3/h)	Total pressure (Pa)	Noise [dB(A)]	Input power(W)	Rated voltage(V)
LWPVE-900T-01	900	650	1400	28000	60	≤70	750	380
LWPVE-1000T-02	1000	600	1400	35000	70	≤70	750	380
LWPVE-1295T-01	1295	440	1400	44000	56	≤70	1100	380
LWPVE-1370T-01	1370	440	1400	52000	56	≤75	1500	380
LWPVE-1445T-01	1445	440	1400	59500	80	≤75	1500	380

High-Vacuum Push-pull Type Fan

Model	Height (mm)	Width (mm)	Thickness (mm)
LWPVE-915T-01	1000	1000	450
LWPVE-1295T-02	1380	1380	450
LWPVE-1450T-01	1530	1530	450



Technical Specifications

Model	Diameter of blades(mm)	Blades speed(RPM)	Air flow (m^3/h)	Total pressure (Pa)	Noise [dB(A)]	Input power(W)	Rated voltage(V)
LWPVE-915T-01	915	720	28000	60	≤70	750	380
LWPVE-1295T-02	1295	700	56900	56	≤70	1500	380
LWPVE-1450T-01	1450	420	65500	56	≤75	2200	380