



BRUSHLESS DC INDUSTRIAL FAN PRODUCT INSTRUCTIONS



Please read this instructions carefully before use,
and keep it properly!



SHENZHEN ZHIFU TECHNOLOGY CO., LTD

**CLIMATE
PLEDGE
FRIENDLY**

PRODUCT PARAMETER

Model	Specification (inch)	Rated Voltage (V~)	Frequency (Hz)	Rated Power (W)	Max Speed (r/s)
F-8500A	20	120	60	75	1450
F-8600A	24	120	60	110	1450
F-8750A	30	120	60	160	1450
F-8500B	20	120	60	75	1450
F-8600B	24	120	60	110	1450
F-8750B	30	120	60	160	1450



BLDC INDUSTRIAL FAN ADVANTAGES

◆ BLDC Motor Technology

The use of Brushless DC (BLDC) motor technology in our industrial fans ensures highly efficient and reliable performance. By eliminating the need for brushes, these motors experience minimal wear and tear, resulting in a longer lifespan and enhanced energy efficiency.

◆ Fully Sealed Design

Our industrial fans are engineered with a fully sealed design, effectively safeguarding them against dust, oil fumes, and water splashes. This feature makes them resilient and well-suited for operation in challenging and harsh environments, offering dependable performance under adverse conditions.

Note: Given the high power of the F-8750 fan and for safety reasons, we opted not to use a fully sealed design to achieve better heat dissipation.

◆ Built-in Chip Design

The incorporation of a built-in chip design within the motor serves to prevent overheating. This feature enhances safety and reliability, providing peace of mind while ensuring continuous and secure operation of the industrial fans, even during prolonged use.

◆ 4-Speed Control and Large Air Flow Range

This product has 4 levels of speed regulation and 90° oscillation angle. Large air flow range, which can meet the needs of different usage scenarios: bedrooms, living rooms, factories, warehouses, workshops, canteens, shops, sports fields, outdoor and other places.

◆ Energy Efficiency

Compared to traditional motors, our BLDC industrial fans achieve significant energy savings, ranging from 40% to 80%. This noteworthy efficiency not only reduces operational costs but also contributes to environmental sustainability, making them an environment-friendly choice for industrial ventilation and cooling applications.

◆ Smooth Operation and Low Noise

Our industrial fans are designed to operate with minimal noise, providing a conducive working environment without unnecessary disturbances. The smooth and quiet operation enhances user comfort and makes these fans suitable for installation in noise-sensitive settings.

◆ Extended Lifespan and Lower Maintenance Costs

Thanks to their robust construction and the use of efficient BLDC motor technology, our industrial fans boast an extended operational lifespan and lower maintenance costs over time, providing long-term cost savings and a reliable ventilation solution for industrial facilities.

USAGE INSTRUCTIONS

1. Power supply

- (1) Before use, please check whether the voltage and frequency on the nameplate match the local power supply to avoid burning out.
- (2) The power socket used for this DC variable frequency fan must be a three hole socket with a ground wire connection, and ensure that the socket has a reliable grounding connection.
- (3) Install a full pole power disconnect device with a contact distance of no less than 3mm in the fixed wiring.

2. Oscillation opening

A small synchronous motor is installed inside the motor to control the fan oscillating .

Position of the shake switch button:

- (1). Directly above the rear of the motor (floor type);
 - (2). Wire control box (wall mounted type)
- 'O' is to turn on oscillating , 'I' is to turn off oscillating

3. Adjustment of fan head pitch angle

- (1) First, turn off the power and wait for the fan blades to stop rotating. Then, hold the fan head with your hand and loosen the connecting bolts and locking screws.
- (2) Adjust the fan head to the desired pitch angle, and finally tighten the connecting bolts and locking screws. ent loosening.

4. Speed regulation

DC variable frequency fan with speed regulation function, "0/OFF" is the off gear, "1" is the slow gear, and "4" is the fast gear.

5. Precautions

- (1) Only when the fan stops rotating can it be moved or adjusted;
- (2) Do not touch the power plug and motor button with wet hands to avoid electric shock
- (3) Do not put your hands or other debris into the guard to touch the fan blades;
- (4) Do not obstruct the swing of the fan head;
- (5) Do not place the product on a sloping ground to avoid tipping over;

6. Maintenance and upkeep

- (1) It is recommended to replace the lubricating oil at the gearbox and bearing chamber of the fan after working for more than 2000 hours
- (2) Storage: When the fan is not in use, the stains should be wiped clean, properly sealed, and placed in a ventilated and dry place to avoid rusting.

REMOTE CONTROL INSTRUCTIONS <OPTION>

If the model you purchased is equipped with a remote control, please read this section carefully.

● Notice Before Use

The remote control needs to match the fan before use:

- 1.disconnect the power supply of the fan;
 - 2.long-press the power button on the remote control until the red light stays on;
 3. hold the controller next to the fan,and connect the fan's power supply.
- Now,the remote control has matched the fan successfully.

Button Instructions

-  Turn on/off the power of the fan.
-  Turn on/off the oscillation of the fan
-  Set the fan speed to G1,the lowest speed
-  Set the fan speed to G2,the lower speed
-  Set the fan speed to G3,the higher speed
-  Set the fan speed to G4,the highest speed
-  Enter the strong mode and control the strong flow effect with the chip.
-  Enter natural mode and mimic the natural wind effect.
-  Enter sleep mode, the chip controls the wind speed, gradually reducing the wind speed until the fan stops.



● Usage Instructions

1. If you want to rematch the fan, please do as the notice above shows.If you have multiple FUGOO fans, matching each fan in sequence using this method can achieve one to many synchronous control function.
2. Please keep it properly to prevent the remote control from getting wet.
3. When not in use for a long time, please remove the battery from the remote control to avoid damage.

INSTALLATION INSTRUCTIONS

Pedestal Fan Installation

● Product List

1. Motor; 2. Fan blades; 3. Guard;
4. Metal stretchable straight rod; 5. Pure iron base;
6. Circular brand logo; 7. Rod decorative cup;
8. Universal wheel X5;
9. Other accessories (screws and nuts)



Scan the code to watch
the installation video
on YouTube

● Installation steps



1. Install the wheels onto the iron base: First, turn the wheels and lock them, then install them into the holes on the iron base. Note that the washers are one on top and one on the bottom, and clamp the base. Finally, tighten the nut. Install 5 wheels in sequence.

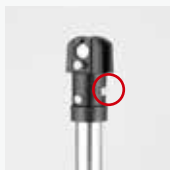
Tips: If not need to move the fan frequently, you don't need to install the wheels, which will improve the stability of the fan base.



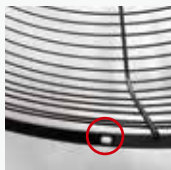
2. Install straight rod: Insert the straight rod flange into the base, tighten 5 small screws and washers, and then tighten the large bolt in the middle of the bottom.



3. Install the upper half of the straight rod: First, place the decorative cup into the straight rod, then insert it into the upper half of the straight rod, and tighten the three fixing screws without applying too much force.



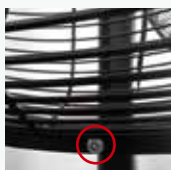
4.Install the motor: Align the motor screw hole with the straight rod slot, tighten the rotating screw and locking screw.Fix the power cord on the straight rod to prevent the motor from being pulled.



5.Install the inner guard: Loosen the 4 screws on the outside of the motor, align the inner guard, and tighten the screws.Note that the side with a small hole on the mesh cover should be below.



6.Install fan blades: Align the fan blades with the motor groove and tighten the screws.



7.Install the outer guard: Align the inner and outer guards and fasten the movable buckle.

Attention: The fixed buckle should be at the top.And for safety reasons, there is a small screw at the bottom that needs to be tightened



8. Install brand logo: Press the brand logo onto the center of the outer guard, making sure the logo is facing upwards.

Installation completed, power on for use!

Wall Mounted Fan Installation

● Product List

1. Motor;
2. Fan blades;
3. guard;
4. Metal bending rod;
5. Wall mounted triangular bracket;
6. Circular brand logo;
7. Other accessories (expansion screws X4)



Scan the code to watch
the installation video
on YouTube

● Installation steps



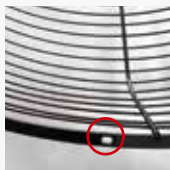
1. Selected area: Recommended to install at a height of 2.3 meters or more, drill holes with an impact drill, insert expansion screws, and install triangular brackets.



2. Install the motor: Align the motor screw hole with the bending rod slot, tighten the rotating screw and locking screw. Fix the power cord on the rod to prevent the motor from being pulled.



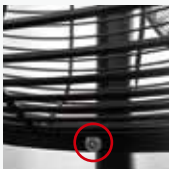
3. Install the bending rod: Align the motor and bending rod with the triangular bracket hole, and tighten the screws.



4. Install the inner guard: Loosen the 4 screws on the outside of the motor, align the inner guard, and tighten the screws. Note that the side with a small hole on the mesh cover should be below.



5. Install fan blades: Align the blades with the motor groove and tighten the screws.



6. Install the outer guard: Align the inner and outer guards and fasten the movable buckle.

Attention: The fixed buckle should be at the top. And for safety reasons, there is a small screw at the bottom that needs to be tightened



7. Install brand logo: Press the brand logo onto the center of the outer guard, making sure the logo is facing upwards.

Installation completed, power on for use!

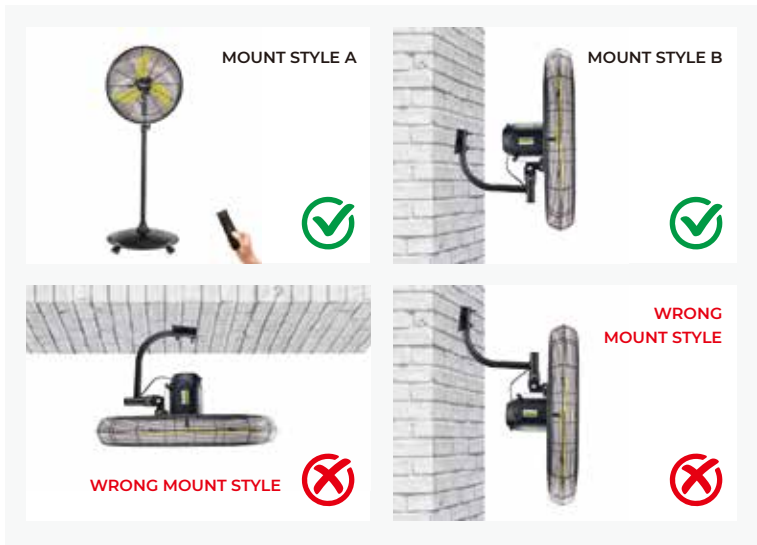


If you need to install the wire control box on the wall, first find the position and use an impact drill to drill holes, embed M3 expansion screws, then remove the screws of the wire control box, take off the cover, fix the base to the wall first, and then reset the screws of the wire control box.

CAUTIONS

There are two installation methods for a wall mounted fan.

Do not hang it upside down or install it on the ceiling.



AFTER-SALES SERVICE COMMITMENT

All products purchased from our company are guaranteed to maintain good repair condition for two years. If any quality problems occur during the warranty period, our company will provide free repairs. In addition, our company also provides lifelong technical support and accessories.

After sales service is not limited by time, and we will immediately assign technical personnel to solve your problem upon hearing it. If you encounter any problems while installing or using our product, please feel free to contact us at any time through the following methods:

1. Contact us through Amazon Order Center Seller Services
2. Our company's dedicated after-sales service email: service@fugoomotor.com
3. Contact us through WhatsApp: +85292140944