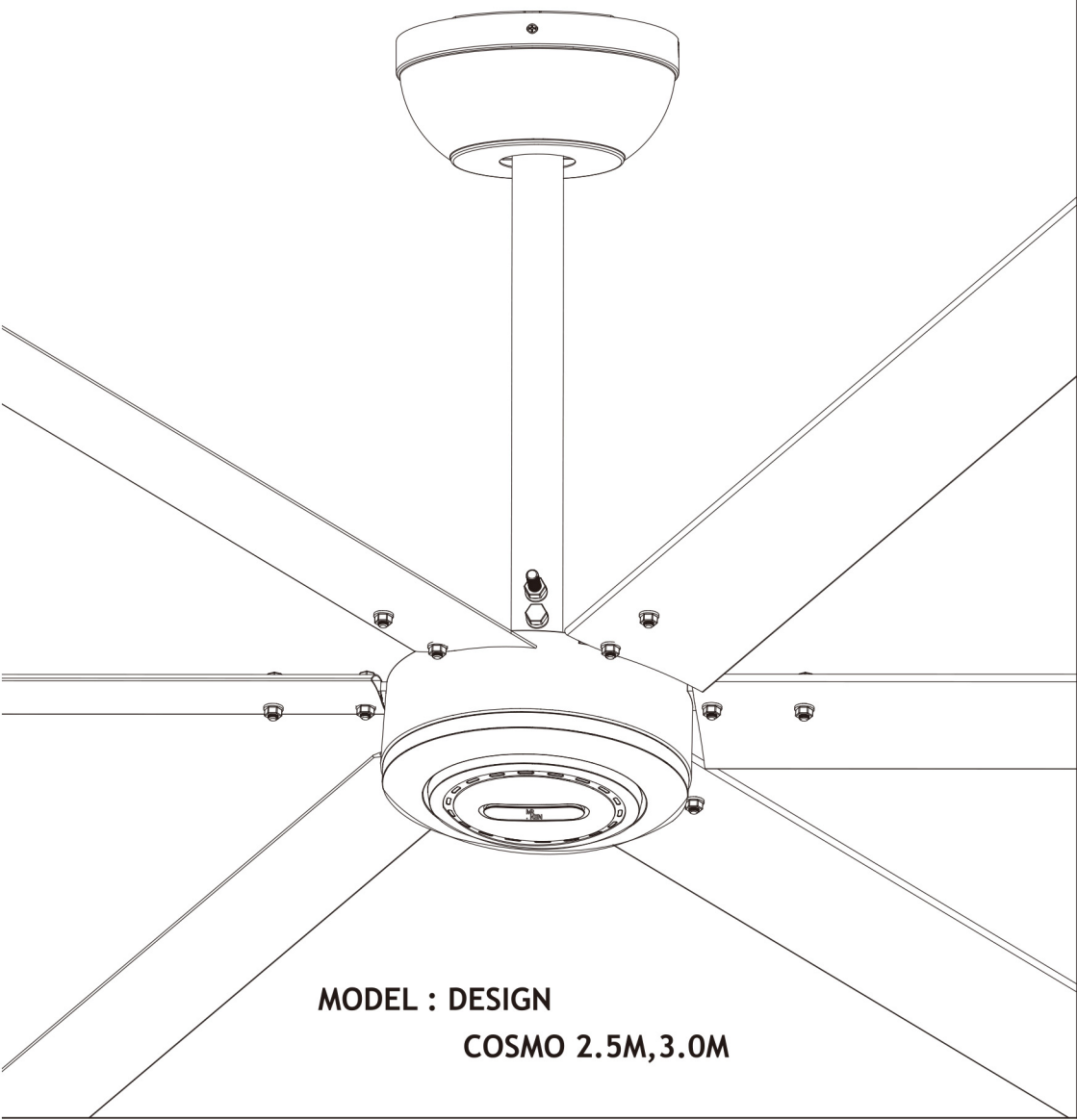




Aesthetics of Wind
Since 1985

Installation Manual

Model: 25B47 & 30B47



MODEL : DESIGN

COSMO 2.5M, 3.0M

SAFETY INSTRUCTIONS

To reduce the risk of fire, electrical shock, or injury to persons, please observe the following:

1. Read all instructions and safety information before installing. This manual is not intended to instruct or assist untrained or unqualified persons. It is the responsibility of qualified, licensed installer, and user to apply common sense and care at all times during installation and operation.
2. This appliance is not intended for use by children or persons with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
3. To avoid possible electric shock, be sure electricity is turned off at the main power box before wiring. Make sure electrical voltage and frequency is within the control capacity range.
4. Please make sure the location has stable power supply, with temperatures between 10°C to 40°C and that the ceiling fan is not exposed to direct sunlight, humidity, or wind blow over a long period of time.
5. Ceiling fan must be installed in areas that will not allow rotating fan blades to come in contact with any object when fan is in operation.
6. The mounting bracket must be firmly screwed to a strong ceiling support such as a concrete ceiling, steel structure, or a timber frame. If additional timber frames are to be added, those must be securely nailed or screwed between the beams. All support must be able to withstand motion of the moving fan as recommended.
7. For safety regulation, the safety cable must be secured firmly with the mounting bracket or with a separate anchor bolt with hook, which must be able to withstand motion of the moving fan as recommended.
8. After fan is completely installed, check to make sure that all connections are secured to prevent fan from falling and/or causing damage or injury. Refrain from using product in case of abnormalities, stop operation immediately and contact MR.KEN service center for help and support.

























9. Condition of the ceiling fan, including all parts and suspension/ support system, should be checked annually by qualified technicians or authorized personnel. Any alterations or replacements of any parts of the product must only be carried out by authorized personnel by MR.KEN service center.







10. Maintenance and cleaning of the ceiling fan should be carried out annually by qualified technicians or authorized personnel to ensure the normal functioning and prevention of damage to fan motor. Please exercise caution when cleaning so as to not cause bending of the blades, as it may result in damage or breakage of the product. Do not soak or expose product to chemical solvents that could cause discoloration or deformation of the product. Please contact MR.KEN service center for customer support and inquiries.

WARNING: This product is designed to use with only those parts supplied with this product and/or accessories designated specifically for use with this product. Using parts and/or accessories not designated for use with this product could result in personal injury or property damage.

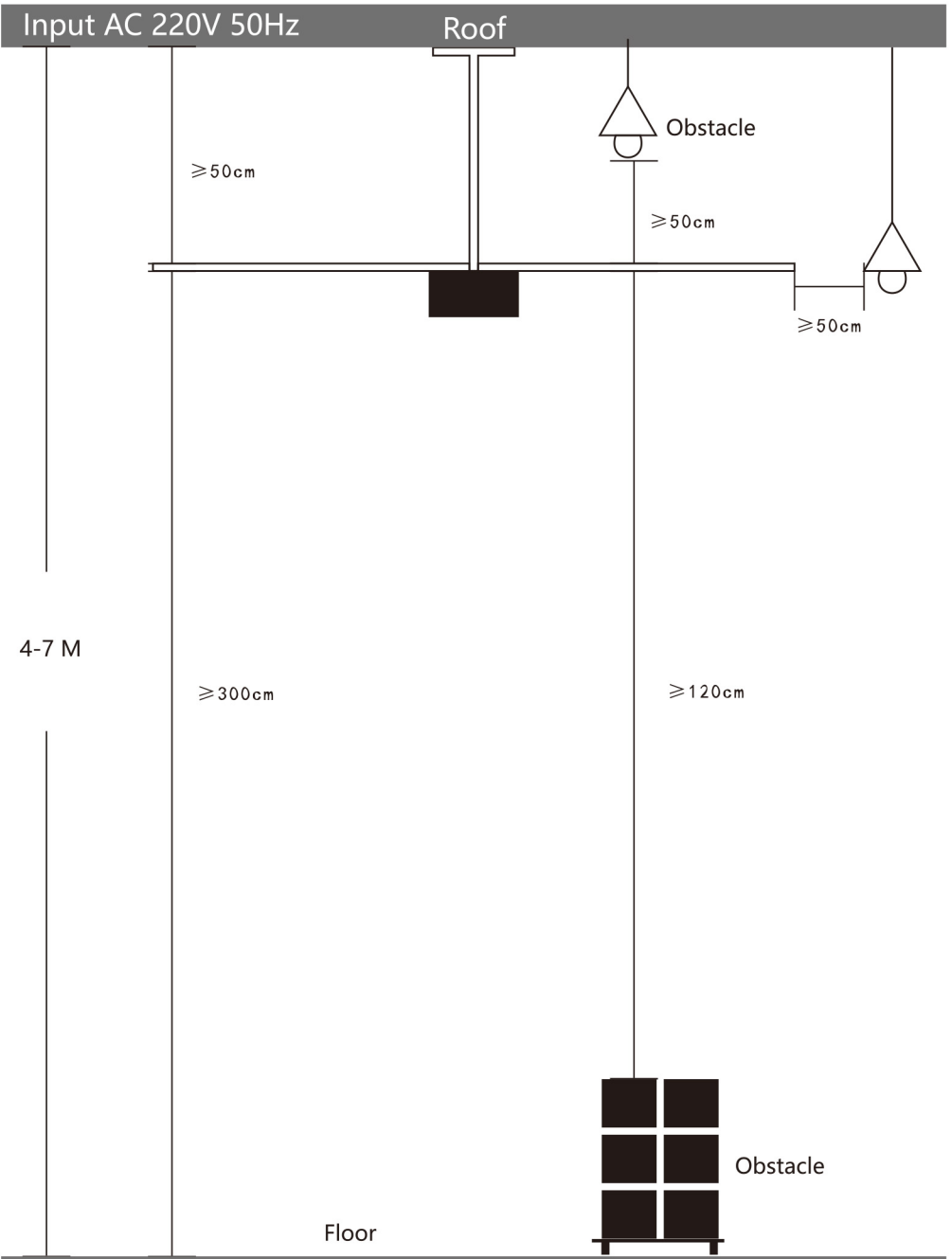
WARNING: The company will not be responsible for any accidents and injuries caused by incorrect installation or modification that is not instructed by this manual.

1.Content List
























Type		Description	Qty	Unit	Picture
1		Motor	1	PCS	
2		Bracket	1	PCS	
3		Bracket pressure plate	1	PCS	
4		Blade Holder	6	PCS	
5	Hanger bracket screw bag	Bolts M12x180mm	4	PCS	
		Lock Washers ϕ 12.5mm	4	PCS	
		Lock Nuts M12	4	PCS	
6	Downrod screw bag	Bolts M10x80mm	3	PCS	
		Bolts M10x20mm	2	PCS	
		Lock Washers ϕ 10.5mm	5	PCS	
		Washers ϕ 10.5mm	8	PCS	
		Lock Nuts M10	3	PCS	
7	Blade screw bag	Bolts M8x35mm	12	PCS	
		Lock Nuts M8	12	PCS	
		Washers ϕ 8.5mm	12	PCS	
8	Blade holder screw bag	Bolts M8x20mm	6	PCS	
9		Canopy	1	PCS	
10		Wirerope Clasp	3	PCS	
11		Cable tie 4x200mm	2	PCS	
12		Washers ϕ 13mm	4	PCS	
13		Lock catch	19	PCS	
14		Turnbuckles	4	PCS	
15		Guy wires	4	PCS	
16		Carabiner	4	PCS	

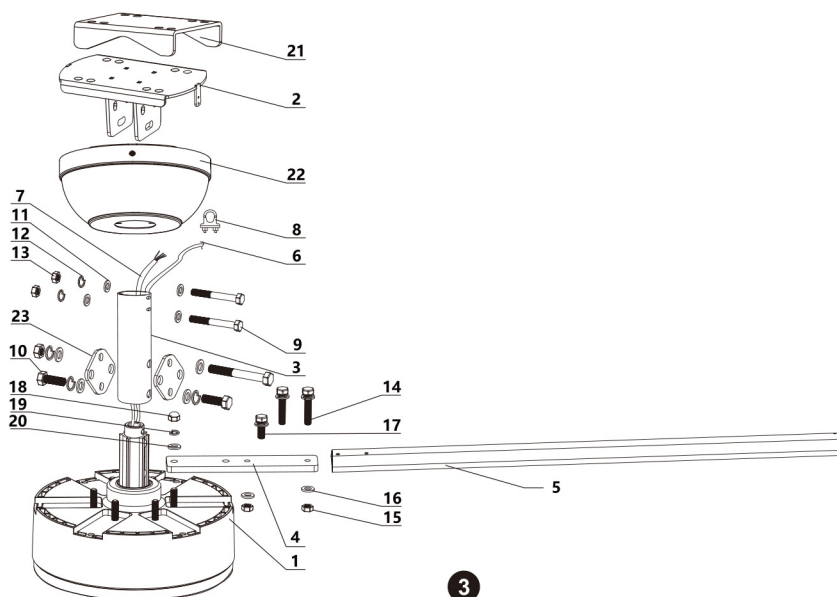
	Controller box				
1		Controller box	1	PCS	
2		Plastic Coated Metal Hose	2	PCS	
3		Perforated plate	1	PCS	
4		Expansion Lastic Bolts	4	PCS	
		Screw	4	PCS	
5		Installation Manual	1	PCS	

2. Installation requirement



3.Componet List

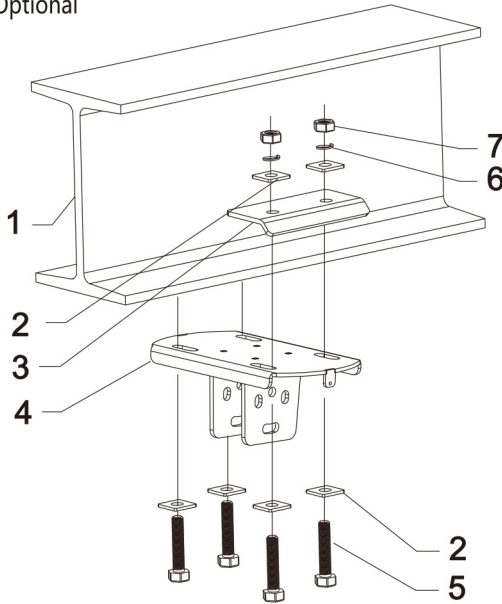
Type	Description	Qty	Unit	Picture
1	Motor	1	PCS	
2	Bracket	1	PCS	
3	Downrod	1	PCS	
4	Blade Holder	6	PCS	
5	Blade	6	PCS	
6	Wirerope	1	PCS	
7	Motor Wire	1	PCS	
8	Wirerope Clasp M4	3	PCS	
9	Bolts M10×80mm	3	PCS	
10	Bolts M10×20mm	2	PCS	
11	Lock Washers Φ10.5mm	5	PCS	
12	Washers Φ10.5mm	8	PCS	
13	Lock Nuts M10	3	PCS	
14	Bolts M8×35mm	12	PCS	
15	Lock Nuts M8	12	PCS	
16	Washers Φ8.5mm	12	PCS	
17	Bolts M8×20mm	6	PCS	
18	Hexagon nut	6	PCS	
19	Lock Washers Φ8.5mm	6	PCS	
20	Washers Φ8.5mm	6	PCS	
21	Bracket pressure plate	1	PCS	
22	Canopy	1	PCS	
23	Balance board	2	PCS	



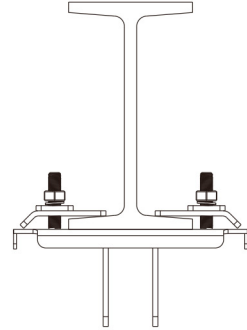
4. Installation Guide

1. Installation method of I-beam structure

Optional

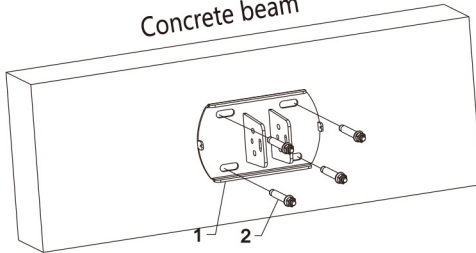


Hanger bracket for I-beam

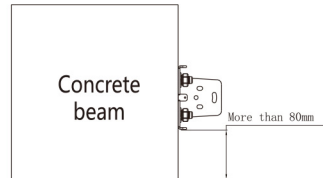


NO.:	Type	Description/mm	Qty
1	I-beam	#60~#120	
2	Washers	30*30*3	8
3	Tablet	140*102*17	2
4	Hanger bracket	227*138*94	1
5	M12x60mm Bolts	M12*60	4
6	Lock Washers	φ12.5*3	4
7	Lock nuts	M12	4

Concrete beam

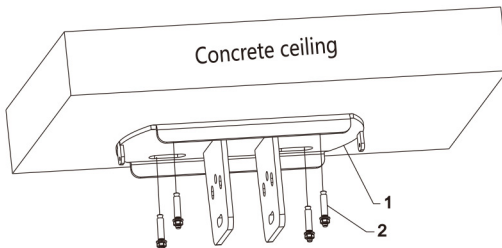


Side installation of concrete hanger

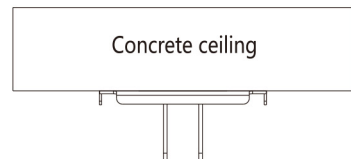


NO.:	Type	Description/mm	Qty
1	Tablet	227*138*94	1
2	Expansion screws	M12*100	4

Concrete ceiling



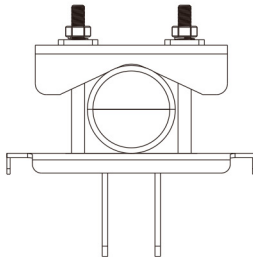
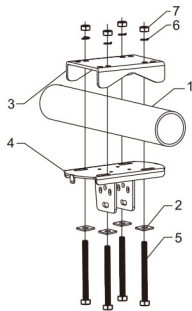
Concrete hanger hoisting



NO.:	Type	Description/mm	Qty
1	Tablet	227*138*94	1
2	Expansion screws	M12*100	4

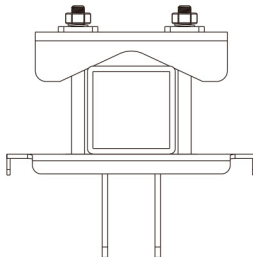
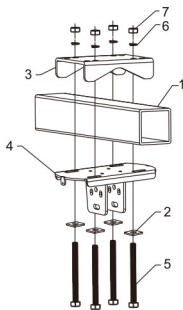
4.Installation Guide

2. Installation method of circular and square steel



Hanger bracket for circular steel

NO.:	Type	Description/mm	Qty
1	Circular steel	60*60-120*120	
2	Washers	30*30*3	4
3	Tablet	175*140*45	1
4	Hanger bracket	227*138*94	1
5	Bolts	M12*180	4
6	Lock Washers	φ12.5*3	4
7	Lock nuts	M12	4

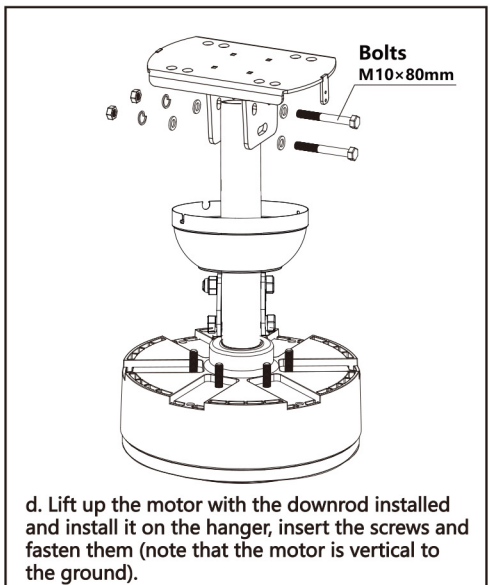
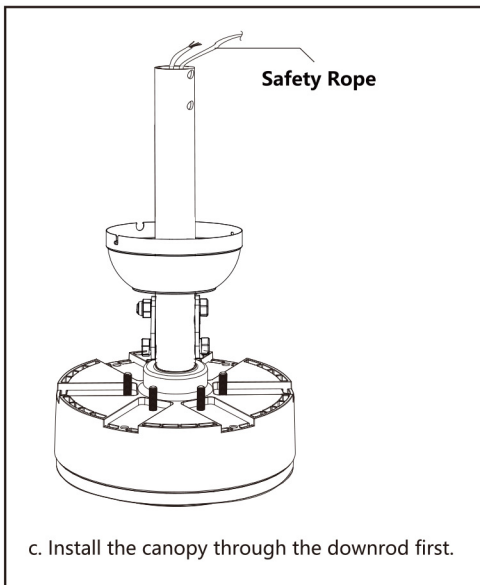
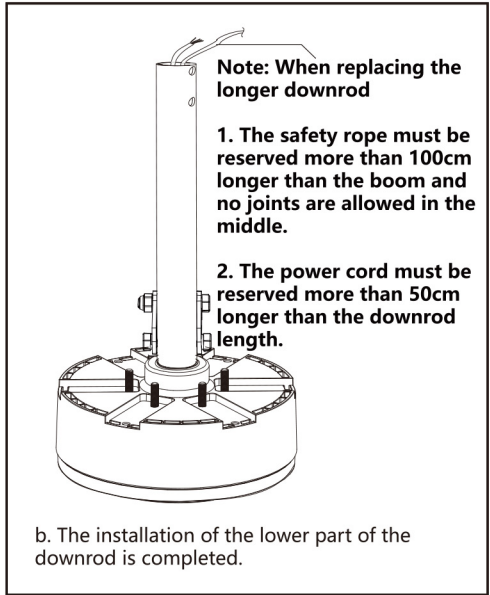
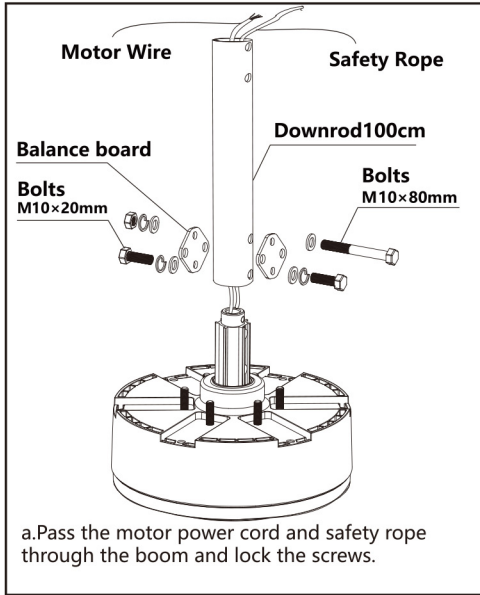


Hanger bracket for square steel

NO.:	Type	Description/mm	Qty
1	Square steel	60*60-120*120	
2	Washers	30*30*3	4
3	Tablet	175*140*45	1
4	Hanger bracket	227*138*94	1
5	Bolts	M12*180	4
6	Lock Washers	φ12.5*3	4
7	Lock nuts	M12	4

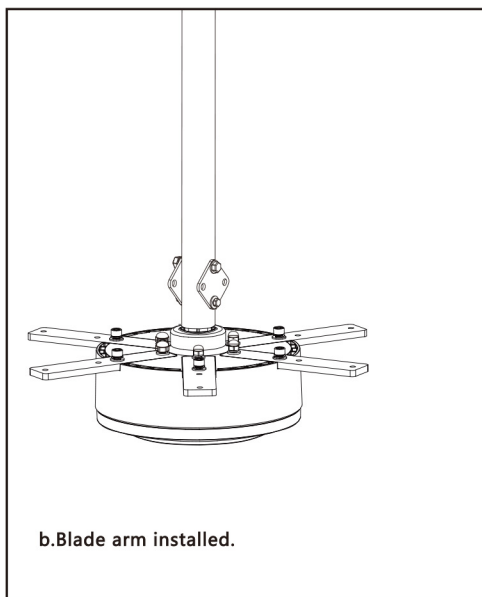
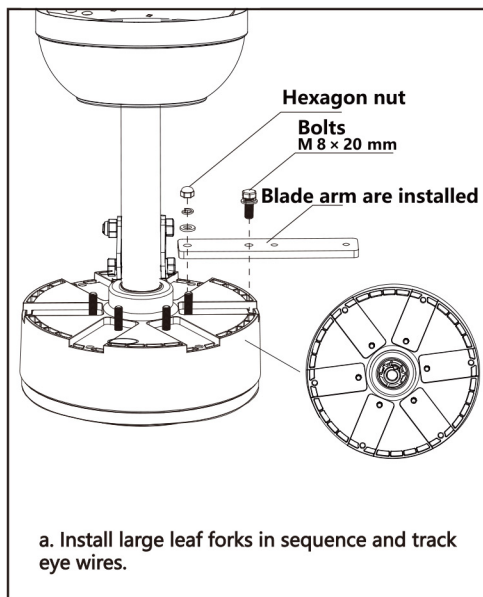
4. Installation Guide

3. Downrod installation method

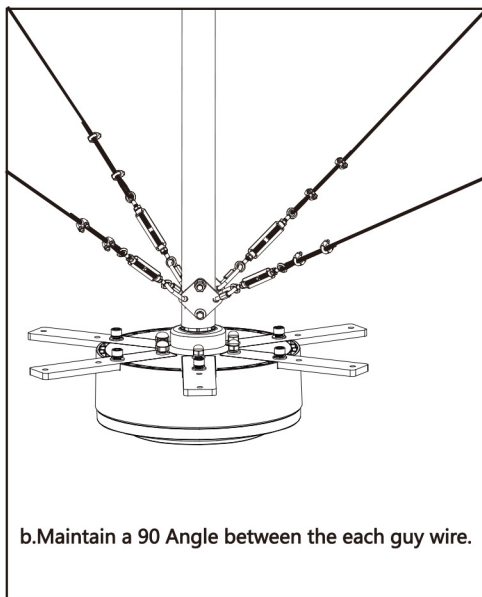
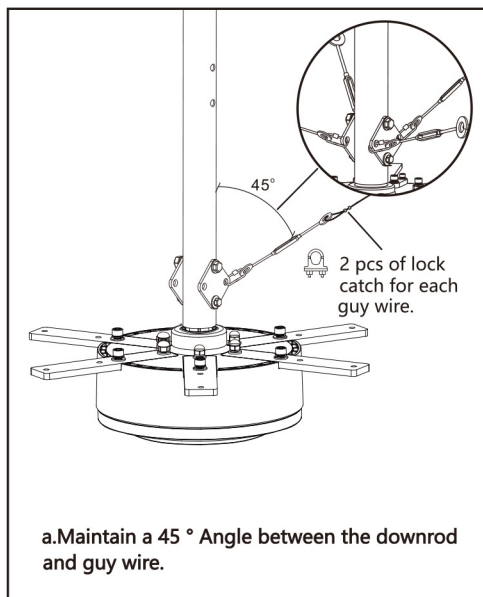


4. Installation Guide

4. Blade arm installation method

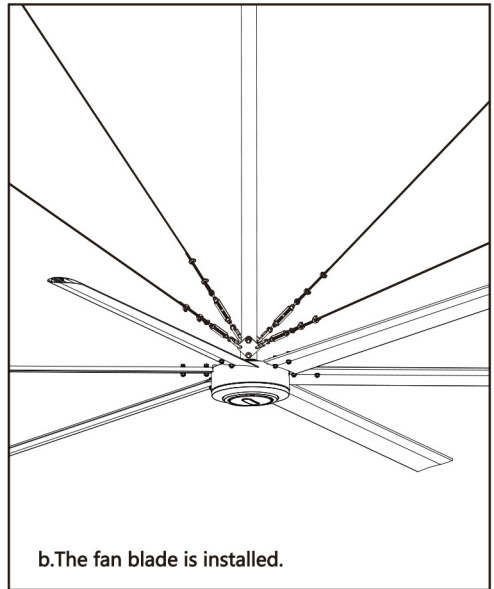
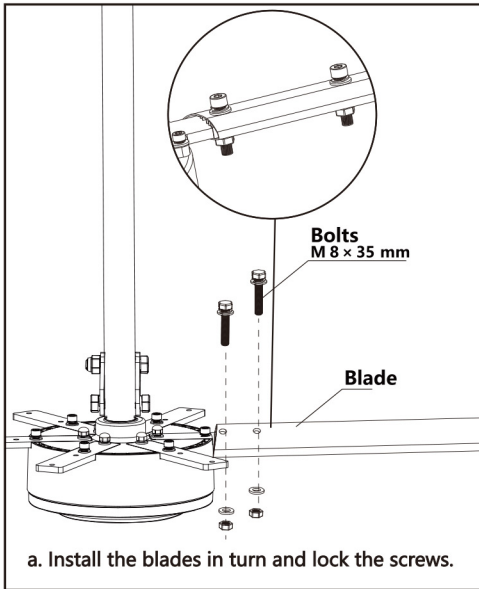


5. Guy wire install

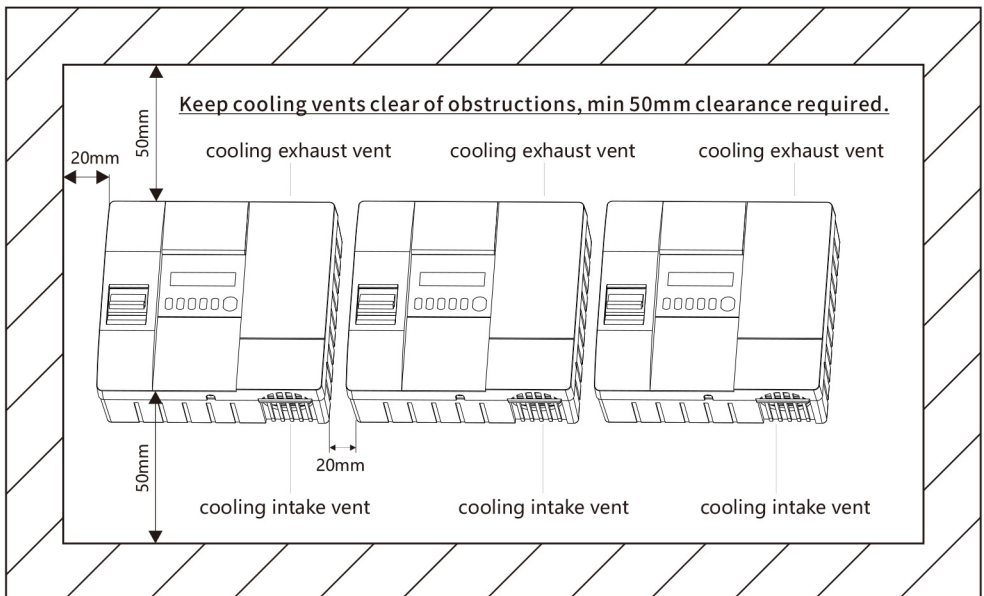


5.Controller Box Installation

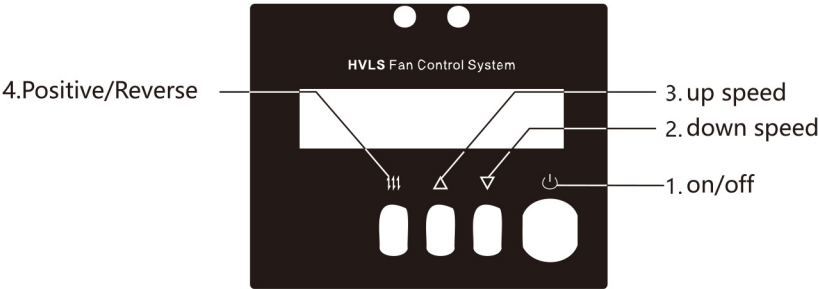
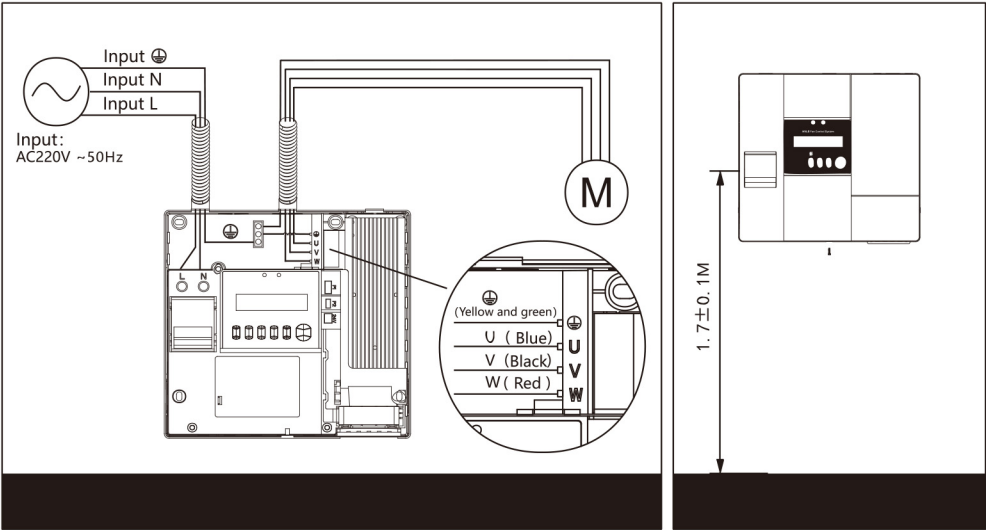
6. Blade installation method



Do not install this controller in moist place.



6.Wiring



4.Positive/Reverse: Hold down for 1.5 seconds to switch the positive/reverse fan mode.

Control Box Malfunction Alert:

Error codes:

1.Error 1 Hardware Overcurrent: Hardware overcurrent is typically triggered by a short circuit caused by a circuit short or damaged components in the control box.

2.Error 2: When the system detects phase current exceeding the set value for software overcurrent, it typically triggers a software overcurrent.

Solutions for Error 1 and Error 2: First, check for any short circuits in the connection wires between the control box and the motor. If the wires are fine, inspect the surface of electronic components for any signs of burnout. If burnout is present, the control box may need to be replaced. If possible, you can use a multimeter to test the consistency of resistance between the two phases of the three-phase power.

3.Error 6: Phase Loss.It refers to the disconnection of the wires from the motor to the control box. First, check if the connection wires between the control box and the motor are disconnected. If possible, use a multimeter to test the consistency of resistance between the three-phase lines of the motor to determine if the motor is the cause. If the motor is fine, it is possible that components in the control box have burned out, leading to the phase loss.

4.Error 7: It may be caused by mutual interference between the two control box wires, leading to the malfunction. It requires replacing the control box.

5.Error 8 : There is an abnormality in the communication of the control box. Try power cycling by turning off and then on again. If the problem persists, replacing the control box should resolve the issue.

8. Installation notes

1. Installation must be performed by a professional. Please disconnect the power before installation. Gloves must be worn during installation to prevent electric shock and mechanical damage.
2. When installing two or more fans, the control box-to-motor connection wires should be limited to within 50 meters.
3. For fan motors with a length between 2.5 meters and 3 meters, it is recommended to use at least RVV 1 square meter 4-core pure copper wire. For fan motors with a length between 3.6 meters and 4.3 meters, it is recommended to use at least RVV 1.5 square meters 4-core pure copper wire.
4. The installation of the product requires a structurally sturdy building. If you cannot ensure the installation strength, it is essential to take reinforcement measures.
5. After installation, the distance from the bottom of the fan to the ground must be greater than 3 meters.
6. The fan must have a reliable grounding wire, otherwise it may result in electric shock.

How to change the COSMO program

1. Power off, install or replace the blades, and connect the wires.
2. After powering on, simultaneously press three buttons, then press the fan's power button to switch programs.

"25" represents a 2.5M HVLS fan with a maximum speed of 130 RPM.
"30" represents a 3.0M HVLS fan with a maximum speed of 100 RPM.
"36" represents a 3.6M HVLS fan with a maximum speed of 95 RPM.
"43" represents a 4.3M HVLS fan with a maximum speed of 85 RPM.