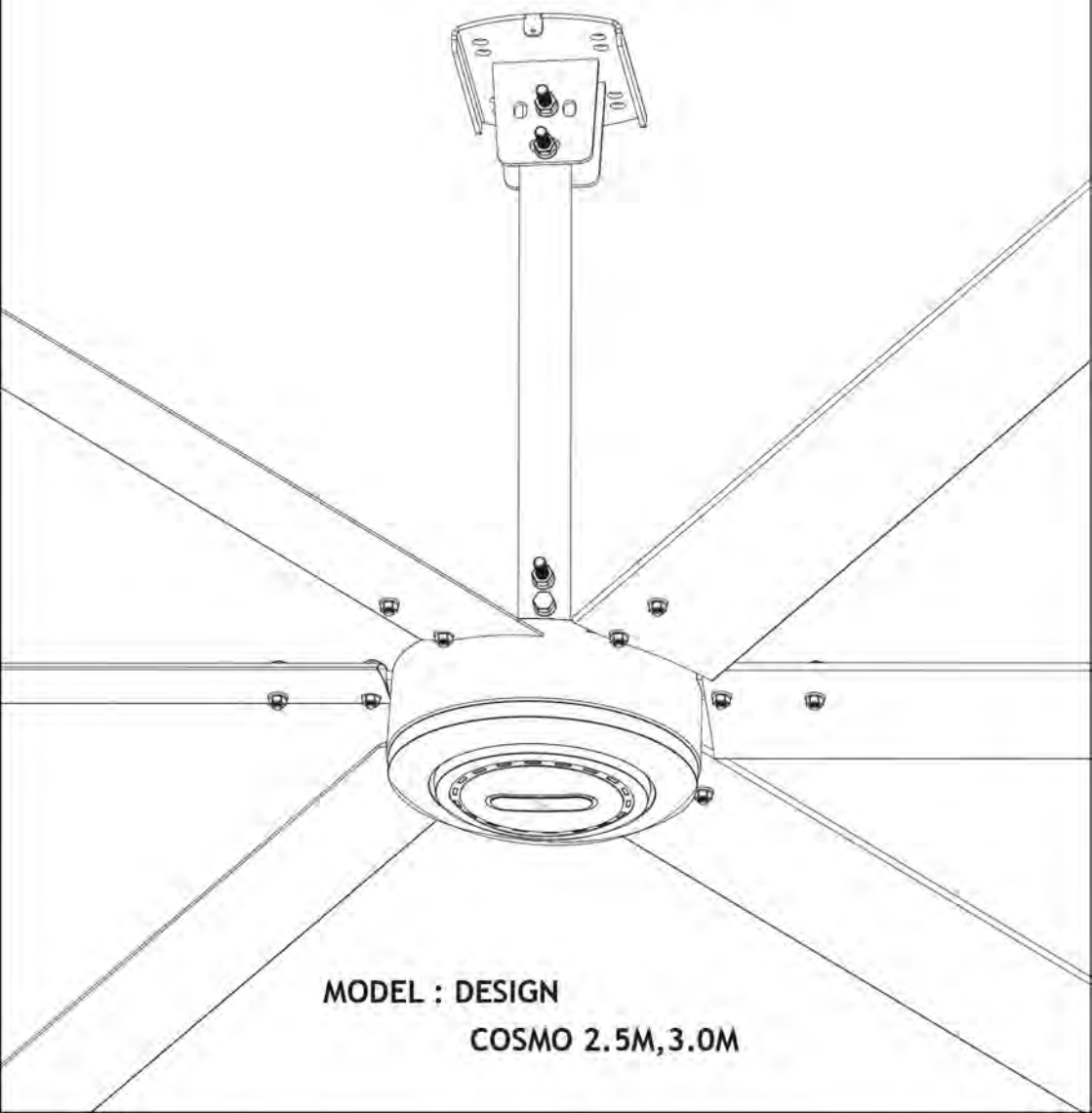


MR
.KEN

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.

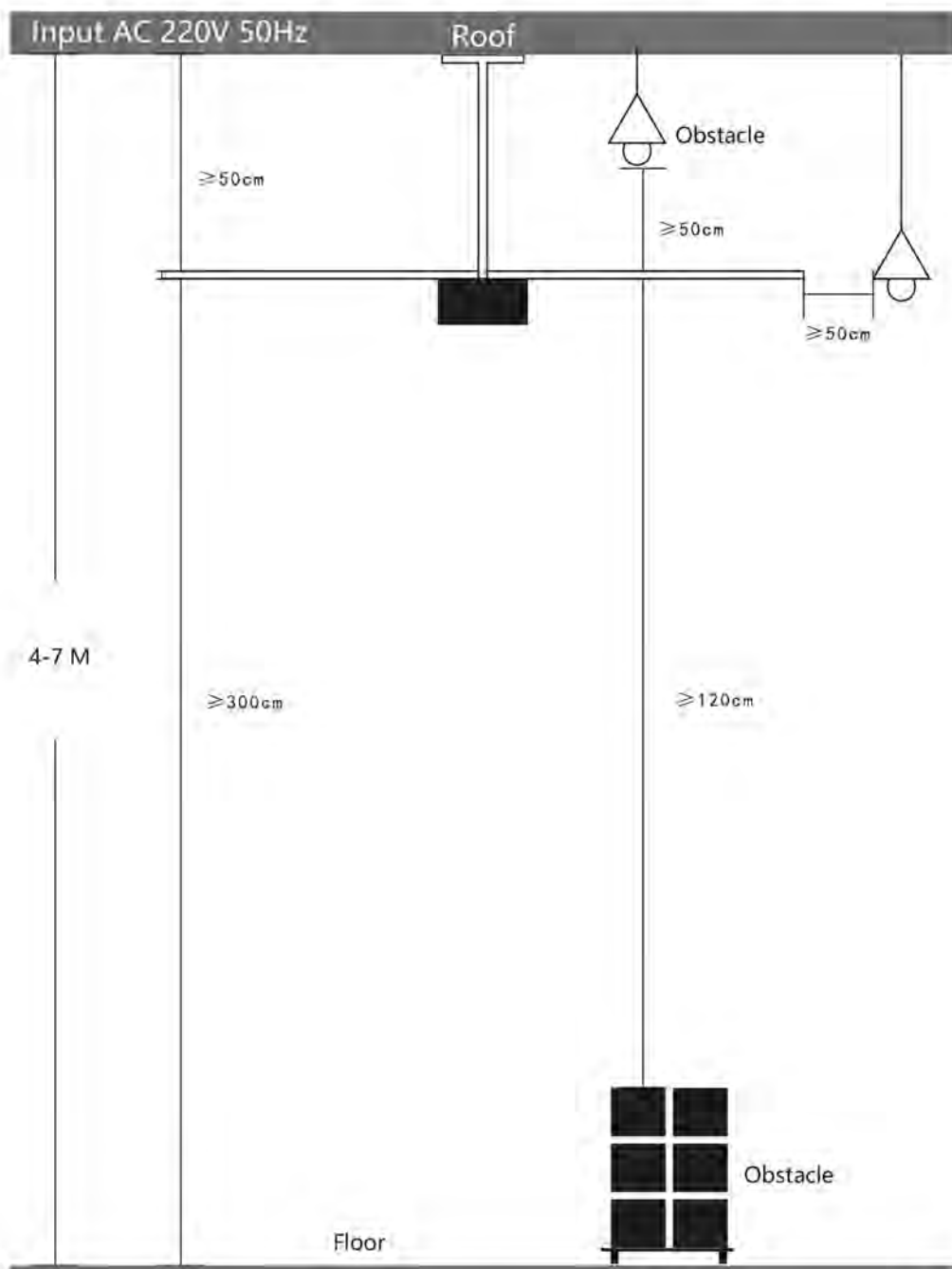
WARNING: The company will not be responsible for any accidents and injuries caused by incorrect installation or modification that is not instructed by this manual.

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 | | Wirerope Clasp | 3 | PCS |  |
| 10 | | Cable tie 4x200mm | 2 | PCS |  |
| 11 | | Washers ϕ 13mm | 4 | PCS |  |

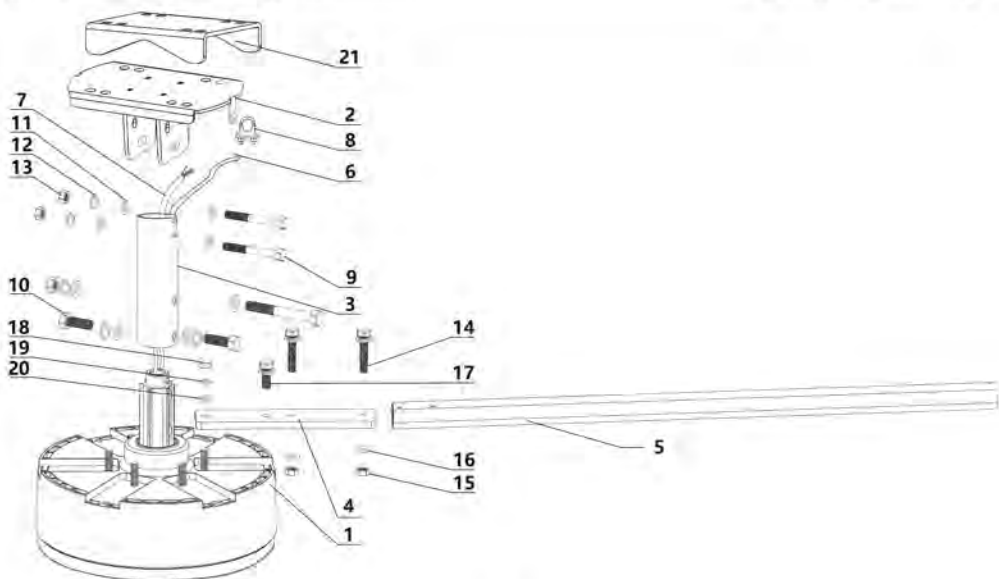
| Controller box | | | | | |
|----------------|--|---------------------------|---|-----|--|
| 1 | | Controller box | 1 | PCS |  |
| 2 | | Plastic Coated Metal Hose | 2 | PCS |  |
| 3 | | Perforated plate | 1 | PCS |  |
| 4 | | Expansion Lastic Bolts | 4 | PCS |  |
| | | Screw | 4 | PCS |  |
| 5 | | Installation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



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 |

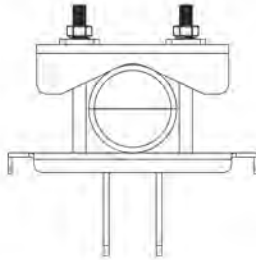
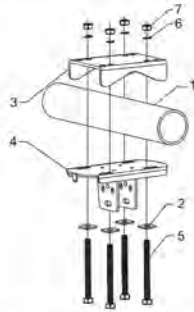
Concrete ceiling

Concrete hanger hoisting

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

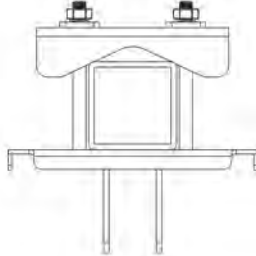
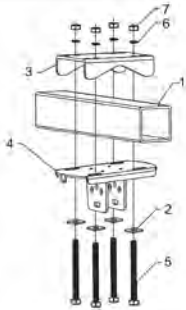
4. Installation Guide

2. Installation method of circular and square steel



Hangar 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 |

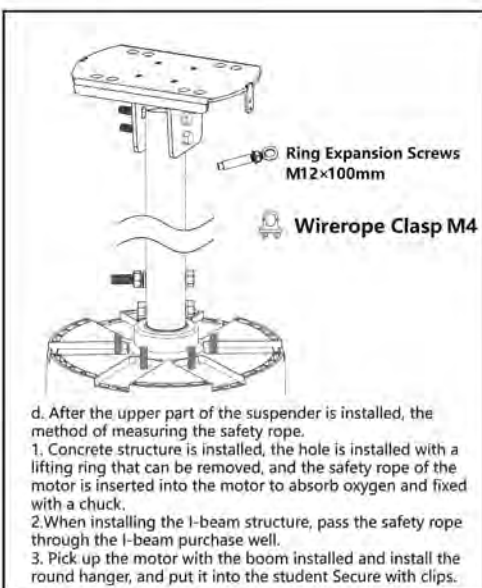
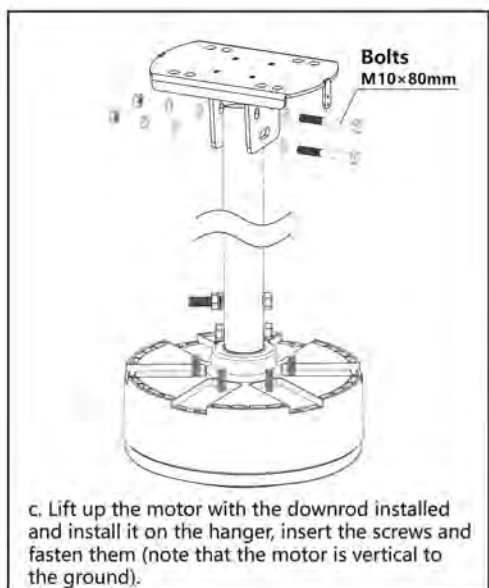
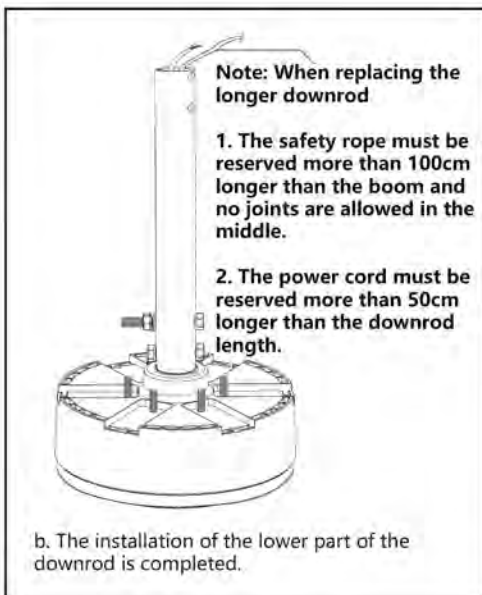
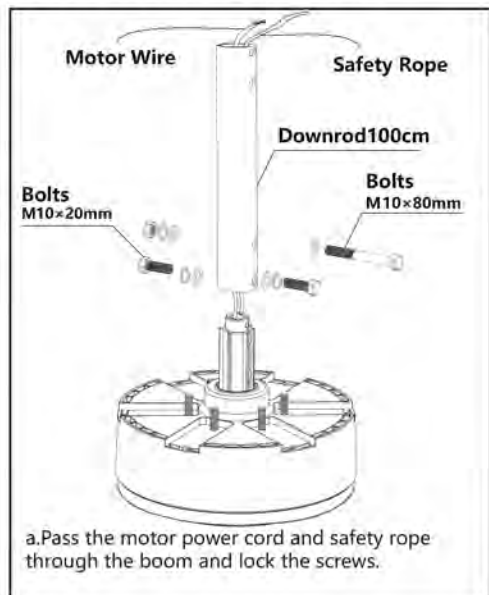


Hangar bracket for square steel

| 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 |

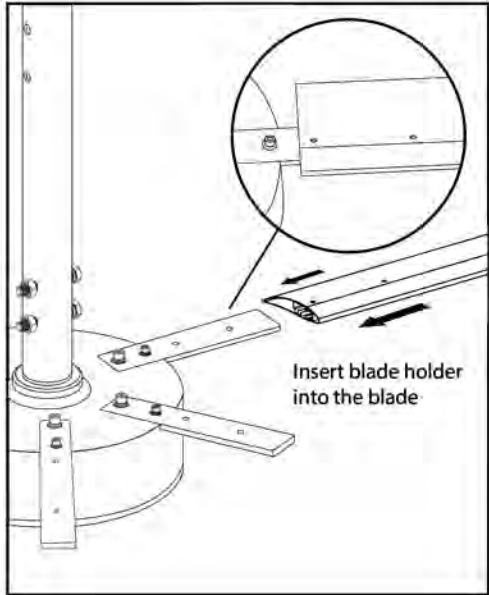
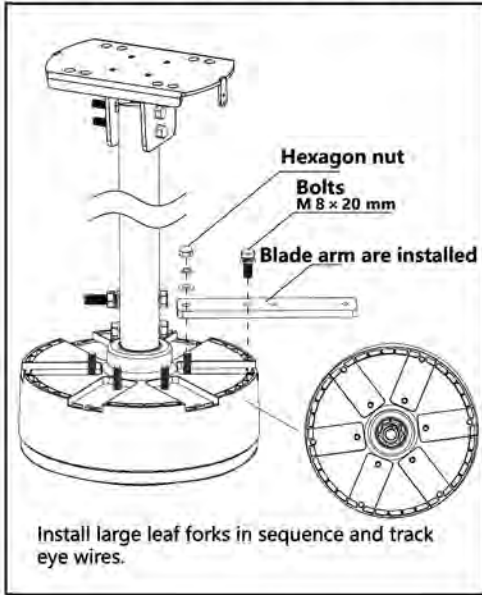
4. Installation Guide

3. Downrod installation method

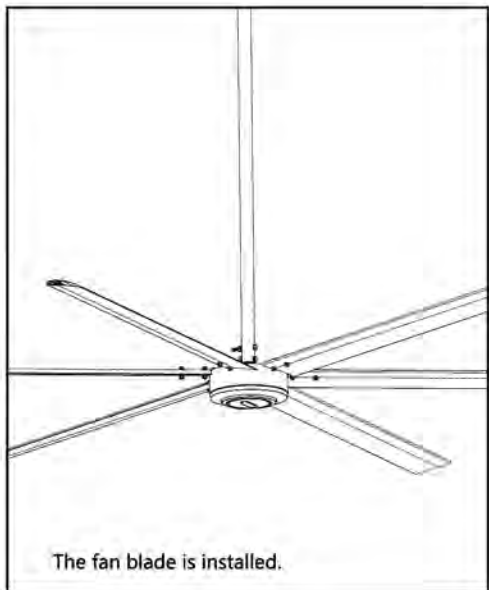
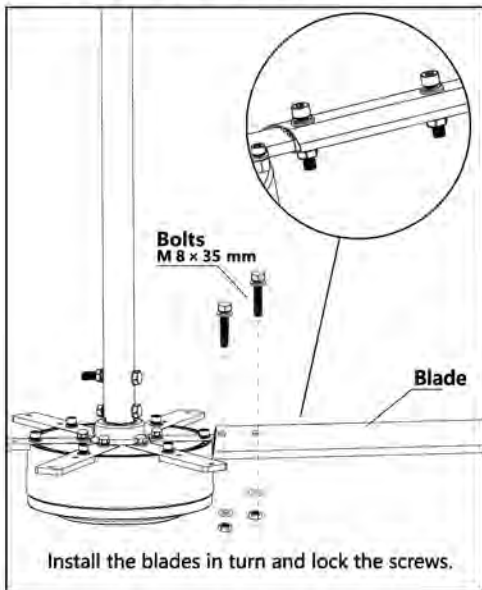


4. Installation Guide

4. Blade arm installation method

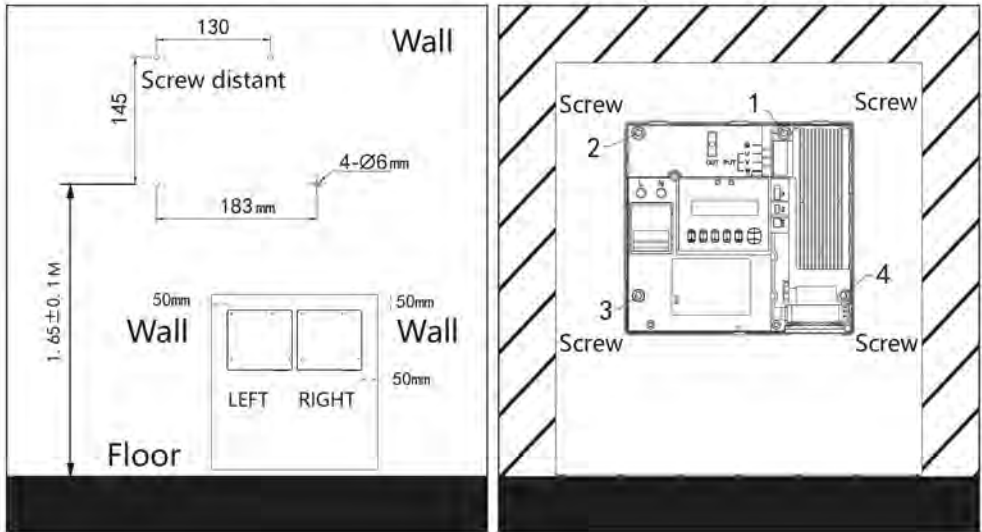


5. Blade installation method

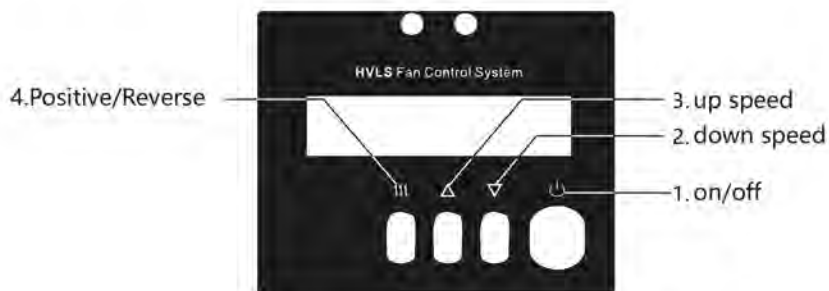
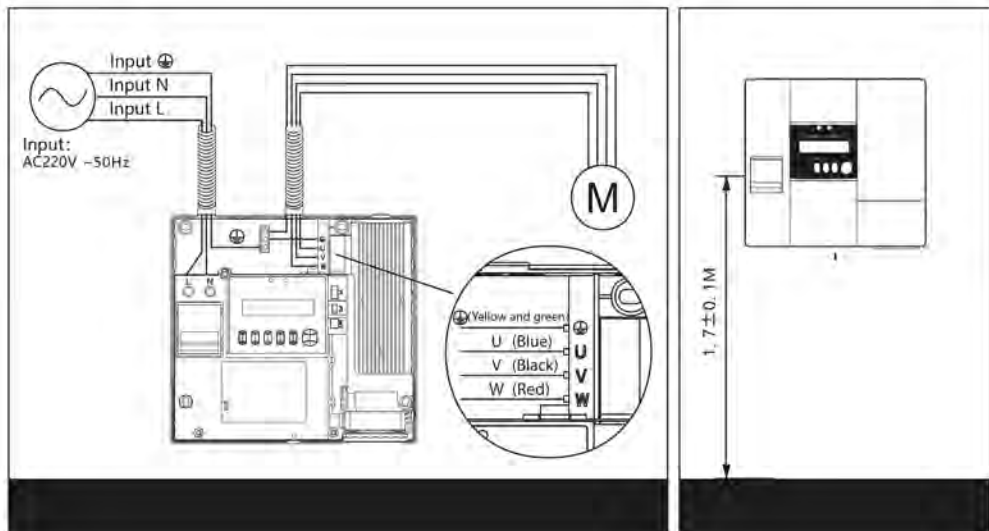


5.Controller Box Installation

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.

