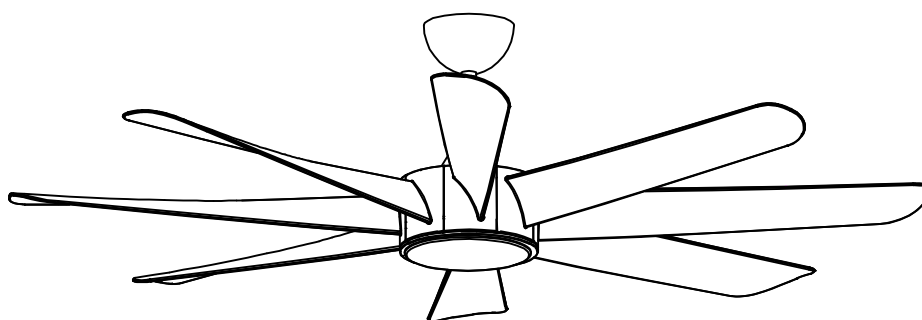


# Sapphire®

## INSTRUCTION MANUAL



MODEL  
**FM-8228S-DC**

**The Power Of Wind**

**CEILING FAN**

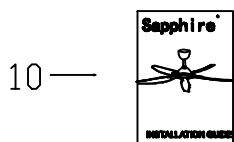
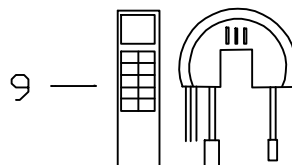
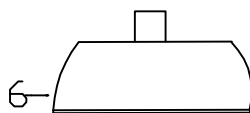
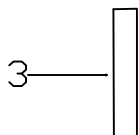
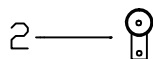
## **Cautions and Warnings**

- **READ THIS ENTIRE MANUAL CAREFULLY BEFORE BEGINNING INSTALLATION. SAVE THESE INSTRUCTIONS.**
- **Use only Wahson replacement parts.**
- **To reduce the risk of personal injury, attach the fan directly to the support structure of the building according to these instructions, and use only the hardware supplied.**
- **To avoid possible electrical shock, before installing your fan, disconnect the power by turning off the circuit breakers to the outlet box and associated wall switch location. If you cannot lock the circuit breakers in the off position, securely fasten a prominent warning device, such as a tag, to the service panel.**
- **All wiring must be in accordance with national and local electrical codes and ANSI/NFPA 70. If you are unfamiliar with wiring, use a qualified electrician.**
- **To reduce the risk of personal injury, do not bend the blade attachment system when installing, balancing, or cleaning the fan. Never insert foreign objects between rotating fan blades.**
- **To reduce the risk of fire, electrical shock, or motor damage, do not use a solid-state speed control with this fan. Use only Wahson speed controls**

**NOTE: The important safety precautions and instructions appearing in the manual are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense and caution are necessary factors in the installation and operation of this fan.**

## Supplied parts

Ret.#	Description	Part#
1	Canopy	1
2	Hanger Bracket	1
3	Downrod	1
4	Doupling Couvet	1
5	Balance bag	1
6	Fan Motor	1
7	Blade	1
8	lampshade	1
9	Remote Control	1
10	Specification	1
11	lamp panel	1



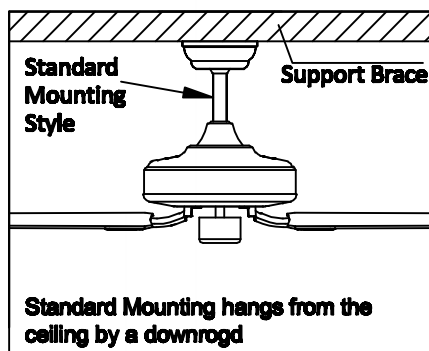
## USER MANUAL

### 1)safetyguidelines

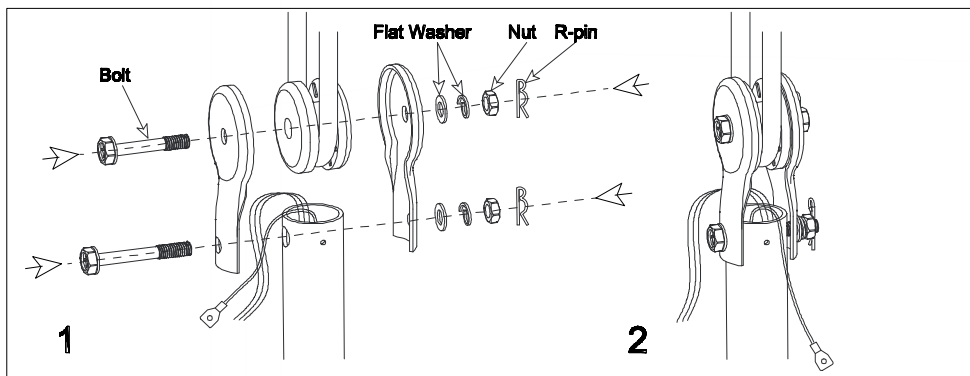
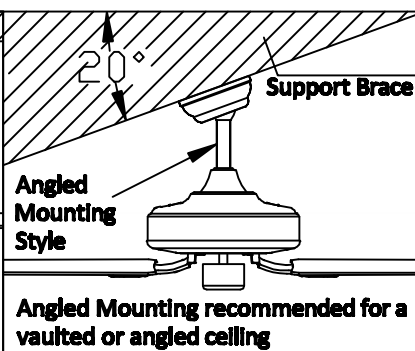
- a) **WARNING:** if unusual oscillating movement is observed, immediately stop using the ceiling fan and contact the manufacturer, its service agent or suitably qualified persons.
- b) The replacement of parts of the safety suspension system device shall be performed by the manufacturer, its service agent or suitably qualified persons.
- c) The mounting of the suspension system shall be performed by the manufacturer, its service agent or suitably qualified persons.
- d) **Proper Installation:** The fixing means for attachment to the ceiling such as hooks or other devices shall be fixed with a sufficient strength to withstand 4 times the weight of the ceiling fan (Weight of FM-8228S-DC is 8.5KG)

- 2) Ensure the pre-assembled pipe to the motor has been fully tightened  
(Bolt tightening torque is 800-1200 n.cm)

### Proper installation

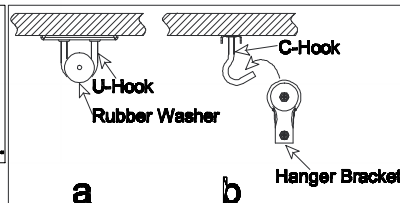


### Error installing



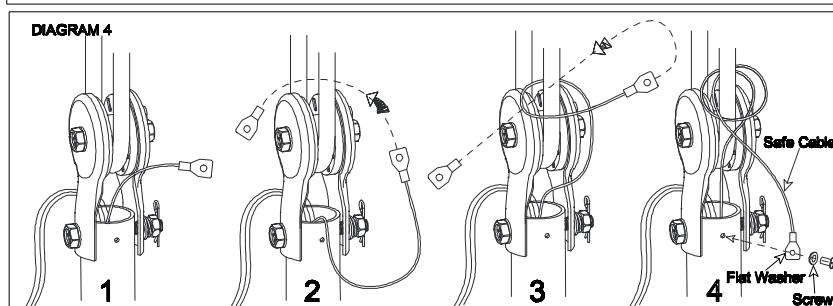
#### NOTE:

- 1, Remember to lock the pin after tightening bolt.
- 2, Hook must be installed on concrete ceiling
- 3, For C-hook (as shown in figure b), the fan can be hung directly on the C-hook after assembly.



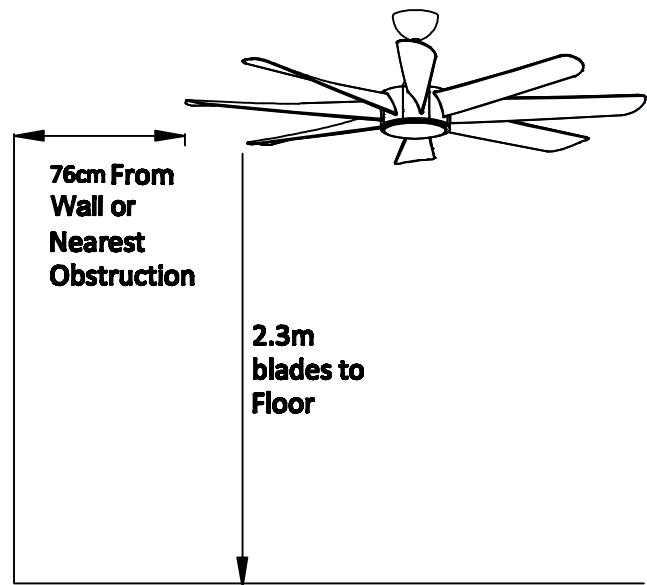
#### WARNING:

Installation without proper procedures as above mentioned might result to fan loosening or falling.



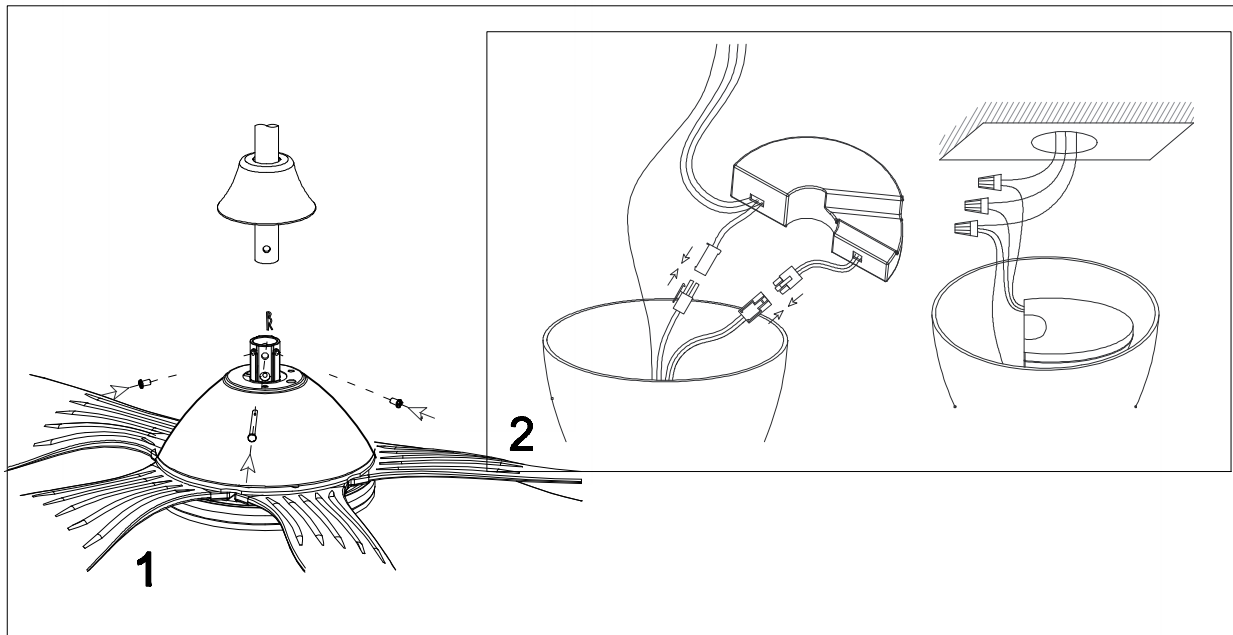
## Installation Preparation

To prevent personal injury and damage, ensure that the hanging location allows the blades a clearance of 2.3m from the floor and 76cm from any wall or obstruction. Be sure the outlet box is securely attached to the building structure and can support the full weight of the fan.

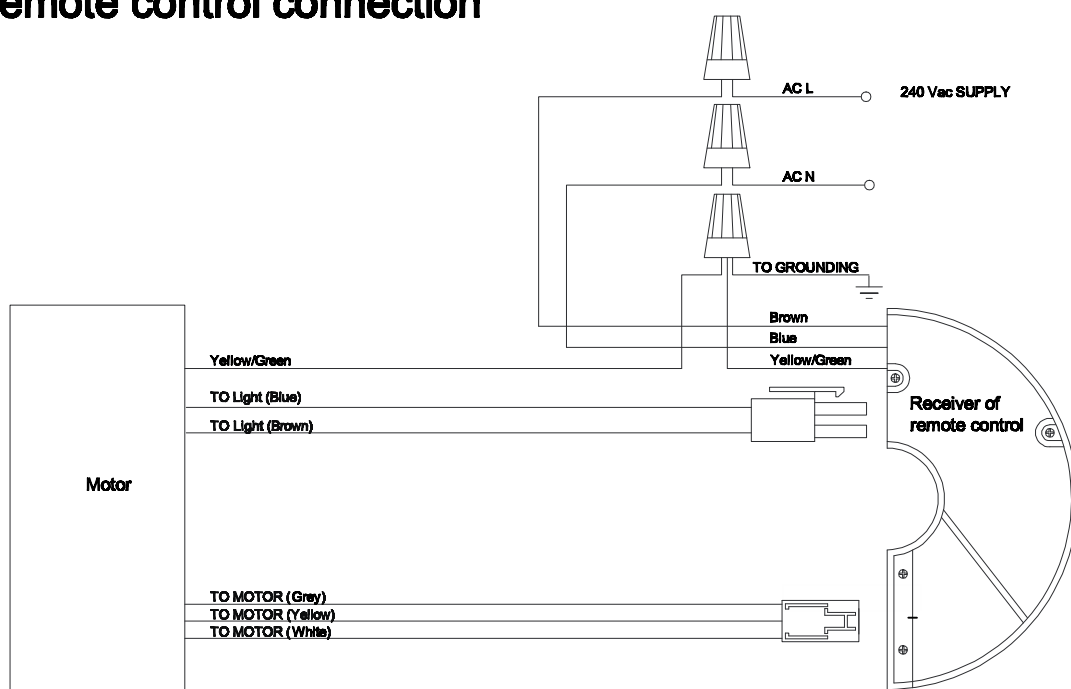


## Assembling and Hanging the Fan

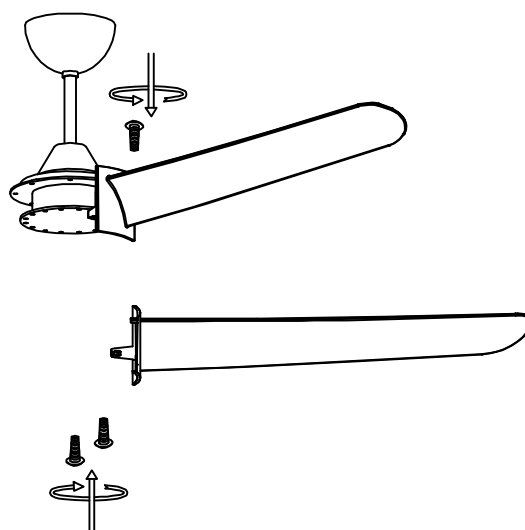
- 1) Thread the motor lead wires through the downrod, and then insert the downrod into the downrod support, align it with the screw holes and tighten the screws.
- 2). After connecting the motor lead wires and the receiver wires, place the receiver in the canopy and secure it, and connect all the wires from the ceiling to the receiver.



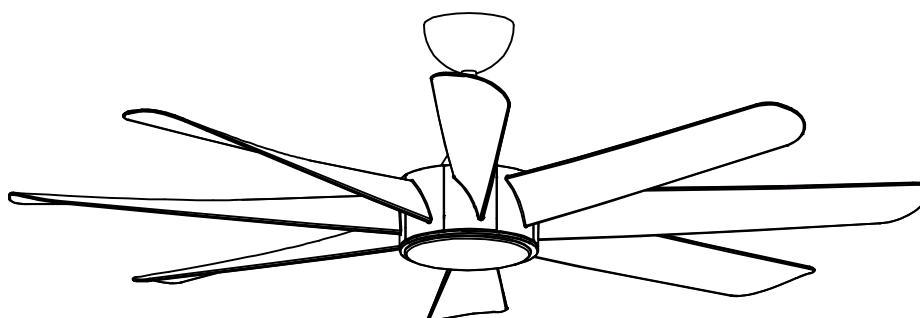
## Remote control connection

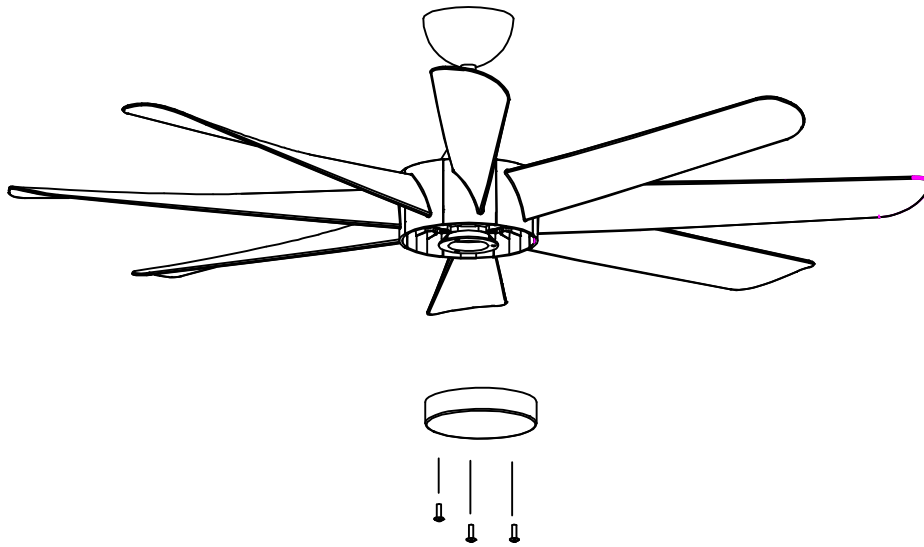


## Installation Preparation

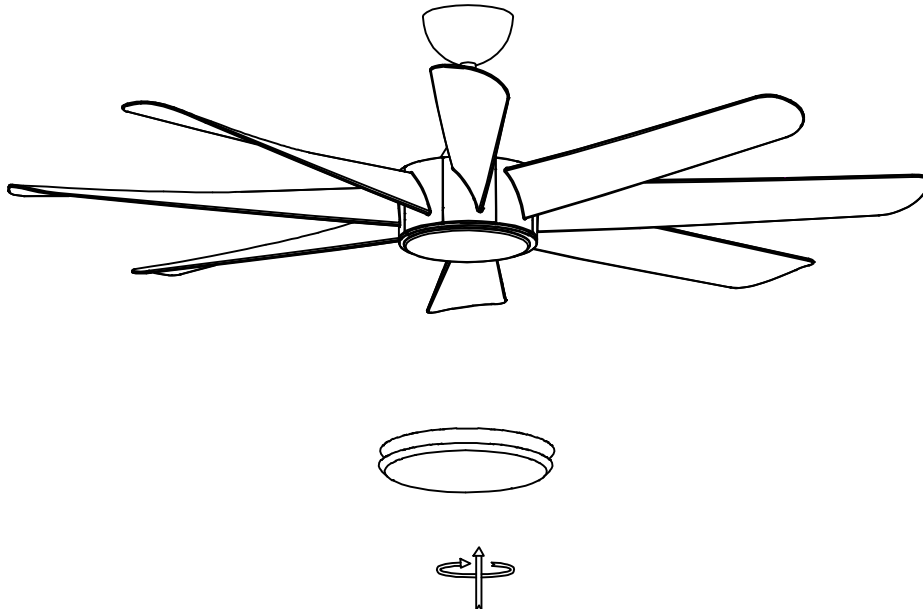


**Install the blades Lock each blade on the iron plate in sequence**



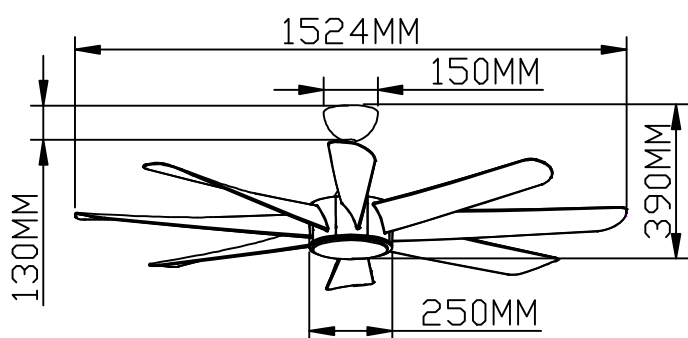
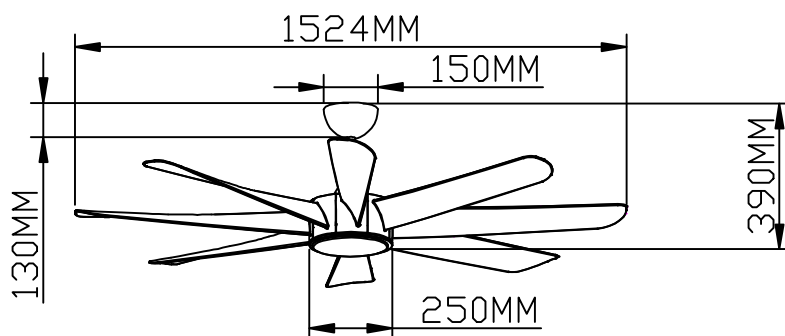


**1.Lock the lamp panel with three screws**

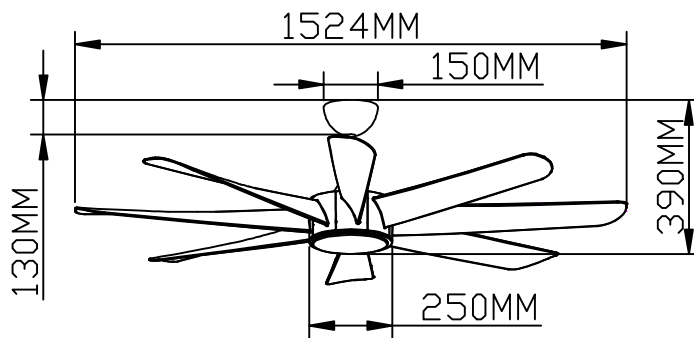


**1.Screw the lamp cover on the light pan and install it**

# PRODUCT DIMENSION DIAGRAM /DIAGRAM DIMENSI PRODUK

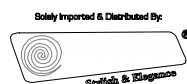


**With Light**



**No Light**

**Sapphire®**  
Since 1993



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