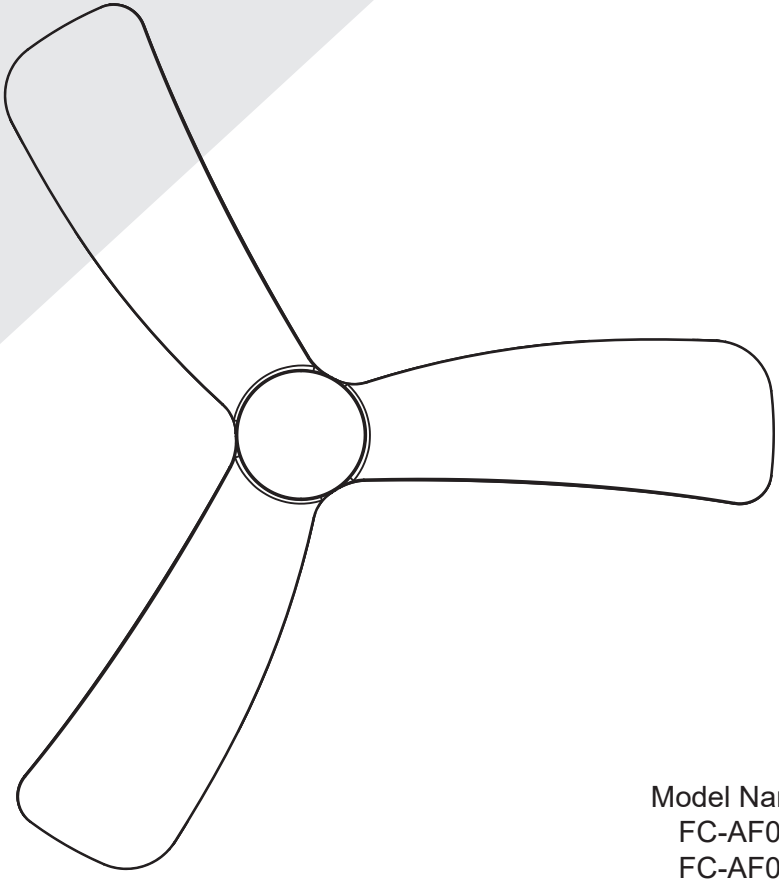
ALKOVA

MILI

3B/52 LED
3B/42 LED
3B/33 LED
3B/22 LED



Model Name:
FC-AF02/B
FC-AF04/B
MILI-3B/33 LED
FC-AF05/B

Version: S-2025 V1

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Safety
Precaution

WARNING

Installation and maintenance work shall only be performed by qualified persons, familiar with local code and regulation, and experienced with this type of appliance.

All field wiring must be installed in accordance with the national wiring regulation.

Ensure that the rated voltage of the unit corresponds to that of the name plate before commencing wiring work according to the wiring diagram.

The appliance must be permanently connected to the electricity supply through a double pole switch having a contact separation of at least 3mm in all poles.

The unit must be GROUNDED to prevent possible hazard due to insulation failure.
The earth wire is approximately 60mm longer than safety wire. This is to ensure at the event whereby the suspension system fails, the (L) and (N) wire will break leaving the fan remain earthed to prevent electrocution.

Tighten the blade firmly using a screw driver.
Blades that are detached from the unit during operation will cause serious injuries and property damages.

Safety **Precaution**

WARNING

This appliance is not intended for use by persons (including children) 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.

Children should be supervised to ensure that they do not play with the appliance.

Confirm that the power supply has been switched OFF before installing or servicing the unit. Ensure that the blade is fully static before doing any maintenance work.

STOP using the ceiling fan when any abnormality or failure occurs.

If unusual oscillating movement is observed, immediately stop using the ceiling fan and contact the manufacturer, its service agent or suitably qualified persons.

CAUTION
Please take note of the following important points when installing.

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.

Safety **Precaution**

CAUTION

The mounting of the suspension system shall be performed by the manufacturer, its service agent or suitably qualified persons.
The fan is to be installed so that the blades are more than 2.5m above the floor.

Safety cord should not be longer than the earthing conductor.
Should failure of the suspension system occur, the supporting of the fan must not rely on the earthing conductor.
The earthing terminal in the fan assembly should be such that should any part of the suspension system fall off, the body of the fan assembly shall effectively earthed.

Ensure that the unit's panel is closed after service or installation.
Unsecured panels will cause the unit to operate noisily.

Sharp edges and coil surfaces are potential locations which may cause injury hazards. Avoid from being in contact with these places.

Before turning off the power supply set the remote controller's ON/OFF switch to the "OFF" position.

Safety **Precaution**

If this is not done, the unit's fans will start turning automatically when power resumes, posing a hazard to service personnel or the user.

Do not operate any heating apparatus too close to the ceiling fan unit or use in room where mineral oil, oil vapour or oil steam exist, this may cause plastic part to melt or deform as a result of excessive heat or chemical reaction.
Avoid the ceiling fan unit from exposing to direct sunlight, this may cause degradation of plastic material as a result of excessive heat and UV radiation

Ensure the colour of wires of the outdoor unit and the terminal markings are same to the indoors respectively.

Do not use joined and twisted wires for incoming power supply.

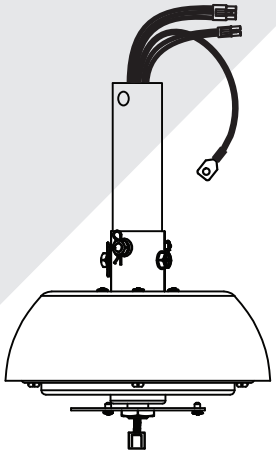
Do not place any object in the path of the blades. Avoid raising objects or your arms near the ceiling fan.

The fan suspension system and blade screw tightening shall be examined yearly.

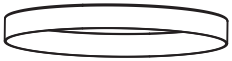
Replacement of parts of the safety suspension system device shall be performed by the manufacturer, its service agent or suitably qualified persons.

Torque value for screw/bolts for securing primary suspension system for motor is 2Nm.

Parts & **Accessories**

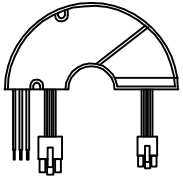


Motor Assembly x 1

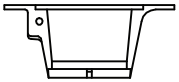


LED Light Kit x 1

Lamp Shade x 1

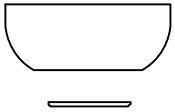


Receiver x 1



Mounting Bracket x1

Notch Ball x 1



Canopy & Canopy Cover x 1

Coupling Cover x 1

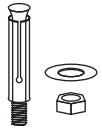
Parts & **Accessories**

Blade x 3

Blade Screw x 7

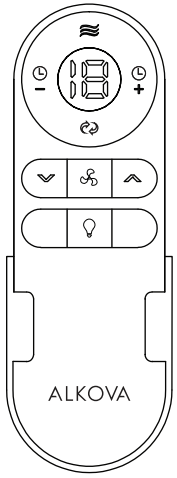
Light Kit Screw x 4

Bolt x 2



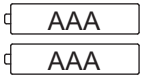
Expansion Screw x 4

Expansion ‘J’ x 1



Transmitter & Holder x 1

Wall Screw x 2



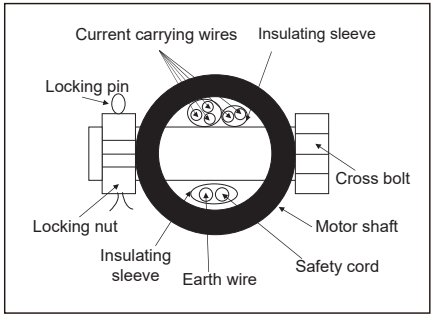
Battery x 2

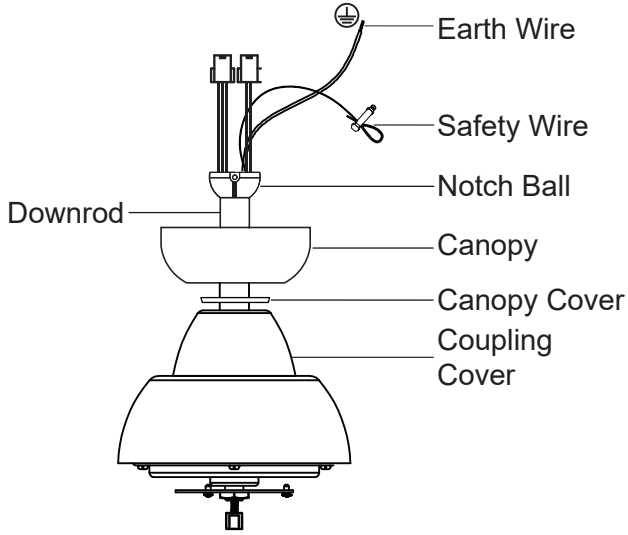
Installation
Instruction

1

Assemble the Coupling Cover, Canopy Cover, Canopy and the Notch Ball through the Fan rod.

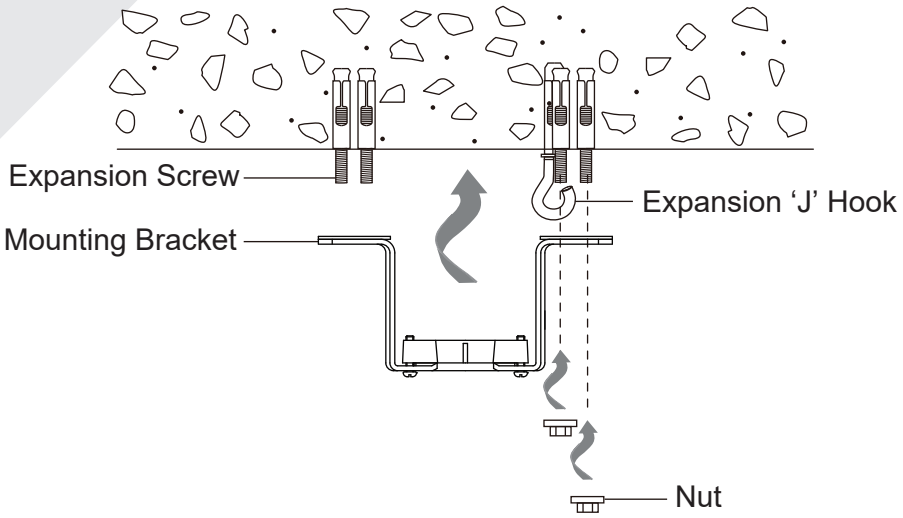
The diagram below shows the assembly of wires through downrod.





Installation **Instruction**

2

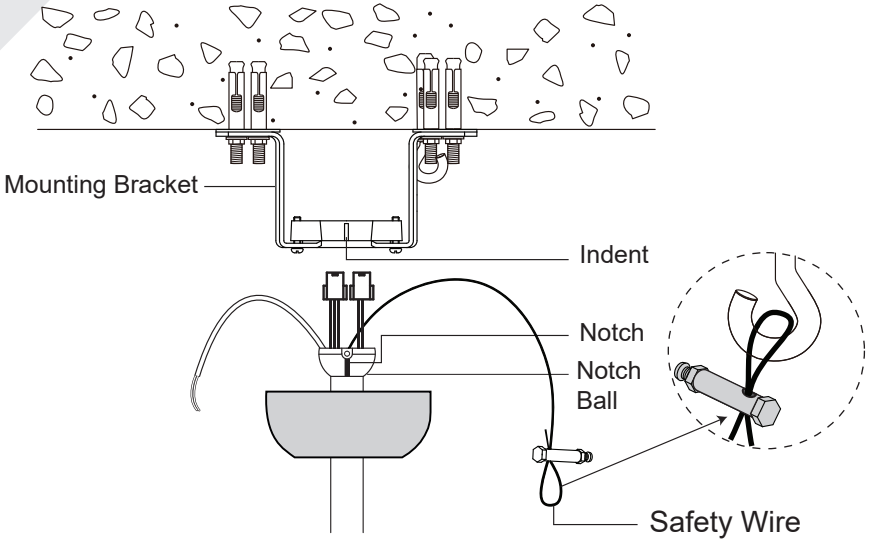


Drill for the 4 Expansion Screws and 1 Expansion ‘J’ Hook provided to the concrete ceiling. Align the slotted holes in the Mounting Bracket with the Expansion Screws and secure with the washer and nuts.

IMPORTANT : THE EXPANSION SCREWS, EXPANSION ‘J’ HOOK AND NUT MUST BE TIGHTENED UNTIL SNUG.

Installation **Instruction**

3

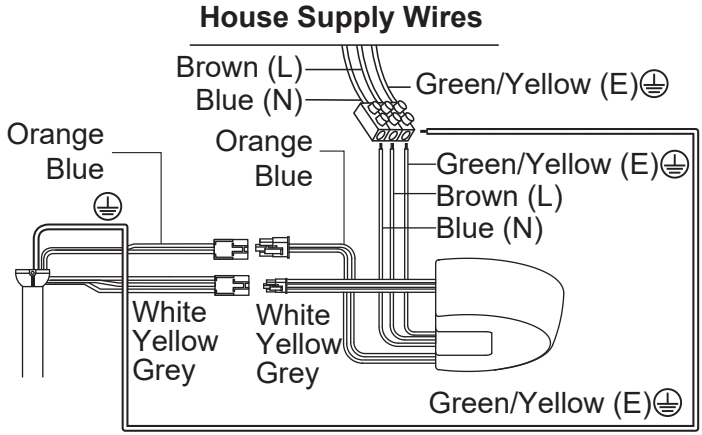


Raise the fan and place the Notch Ball into the Mounting Bracket.
Align the notch on the Notch Ball with the indent in the Mounting Bracket until you hear the Notch pop into place.
Hook the Safety Wire onto the Expansion ‘J’ Hook.

Installation **Instruction**

4

a. Connect the Connectors from Fan and Receiver.
b. Connect the wires from the Receiver.
c. Connect Earth Wire to House Supply Earth Terminal.



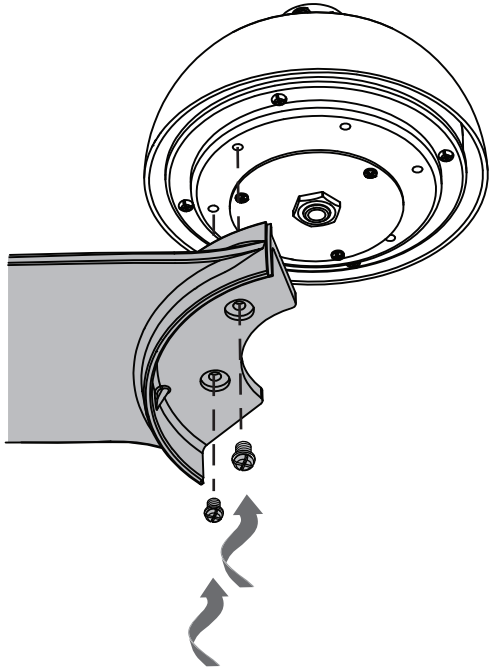
d. Insert the receiver into the canopy and store all wires neatly.

Installation **Instruction**

5

Install the Blades on Motor with Blade Screw and Washer. Two pieces Blade Screw and Washer for each Fan Blade.

IMPORTANT : ASSEMBLE THE BLADES ONLY AFTER THE CEILING FAN IS MOUNTED ON THE HOOK.



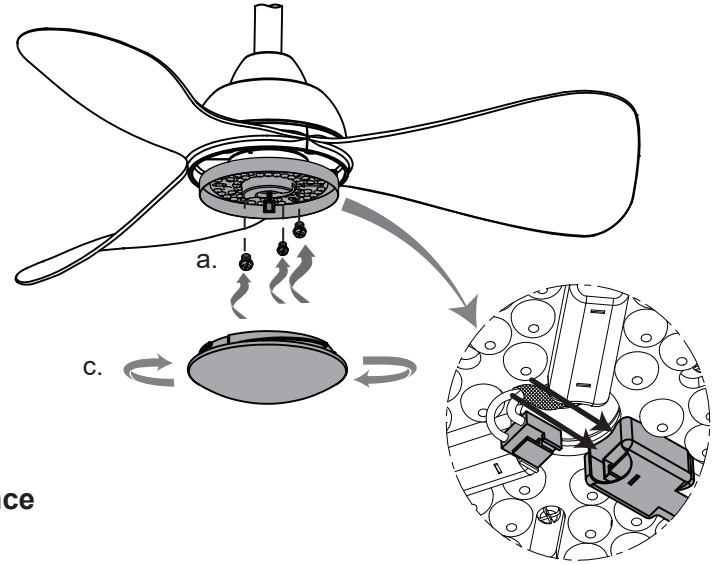
Installation **Instruction**

6

Install the LED Light Kit on Motor with Light Kit Screw.

Connect connector from Motor onto LED Light Kit.

Install Lamp Shade by twisting in.



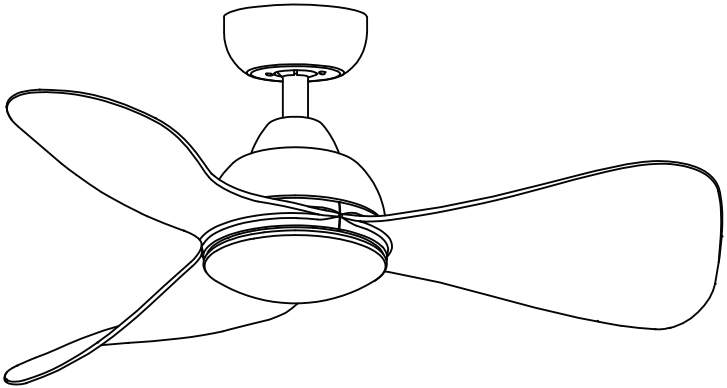
b. Light Kit Connection

WARNING:
1. The luminaire should positioned so that prolonged staring into the luminaire at a distance closer than 0.3m is not expected.
2. The light source contained in this luminaire shall only be replace by the manufacturer or its service agent or a similar qualified person.

Installation **Instruction**

7

Below shows a complete installation diagram



Transmitter
Learning Process

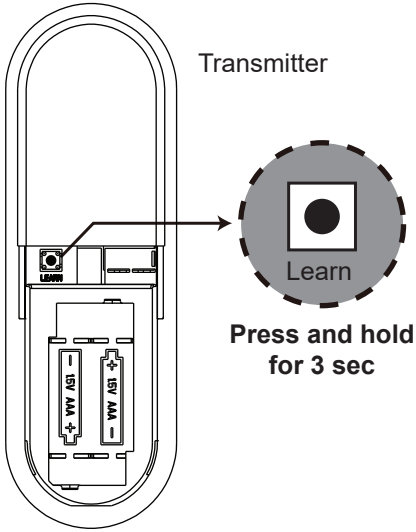
The receiver & transmitter is pre-programmed in factory. If you wish to control 2 or more fans using 1 transmitter, the below steps are required.

DO NOT PRESS ANY OTHER BUTTON DURING THIS PROCESS

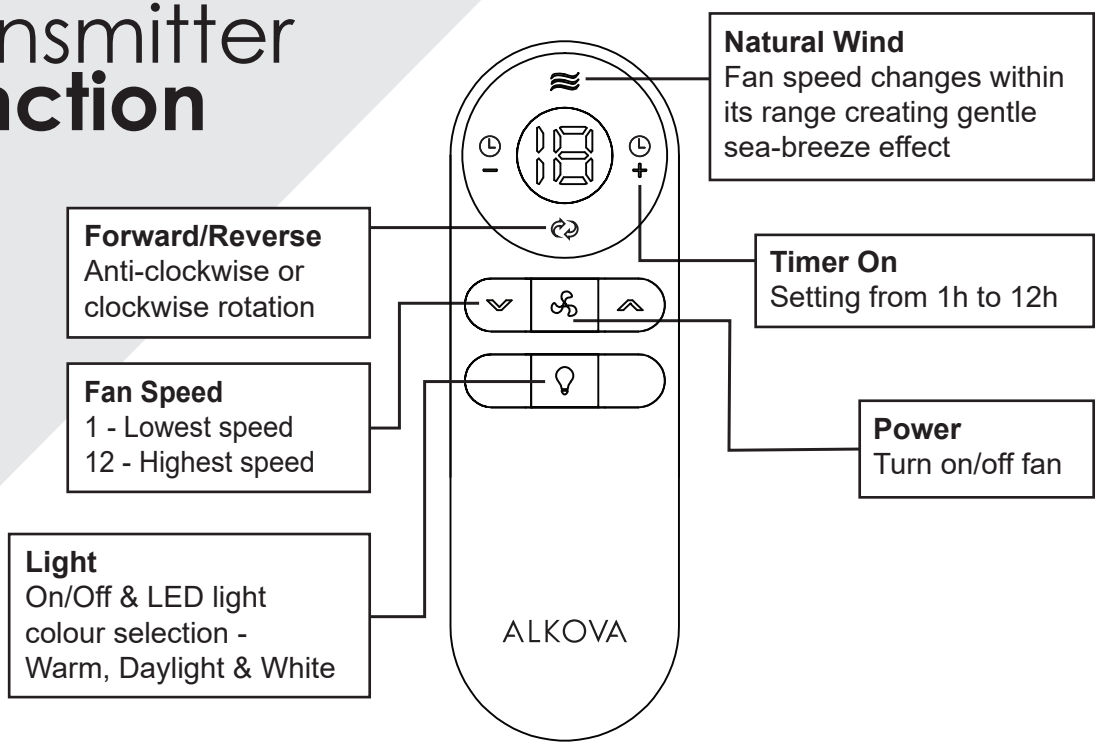
Turn on power to fan.

Within 30 sec, press and hold “LEARN” button for 3 sec.

Once receiver has detected the frequency, transmitter with “Beep Beep” twice. Programming process is completed and fan is ready to use.



Transmitter **Function**

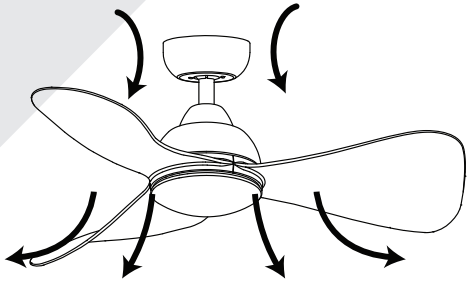


The transmitter & receiver is incorporated with last memory function. This function stores your last setting in memory and the next time you turn on the fan, fan will operate as the last setting.

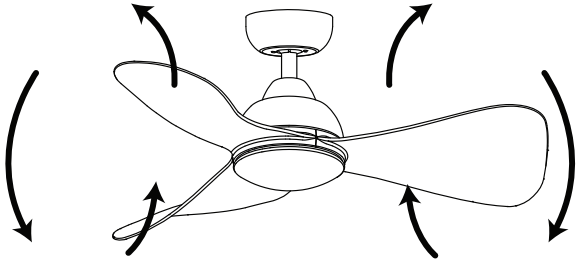
Function of **Forward & Reverse**

Fan must be turned on and rotating.

Press and hold Forward/Reverse button for 3 sec. Fan will slow down and then change direction (approx. 15 sec). When the fan is slowing down to change direction, the Fan Speed function is disabled until direction has been changed.



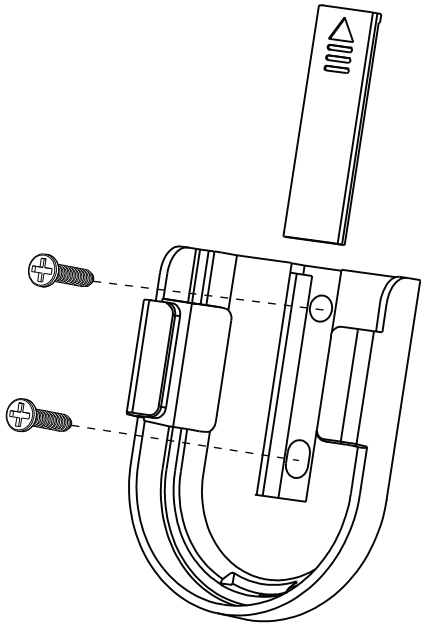
Forward
Fan rotates anti-clockwise blowing the air downwards creating the wind chill effect. **Suitable for hot weather condition.**



Reverse
Fan rotates clockwise drawing the air towards the ceiling circulating the warm air downwards. This function works best at low speed. **Suitable for air-conditioned condition.**

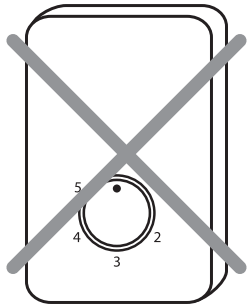
Transmitter **Assembly**

Install the Transmitter Holder to wall with the 2 Screws provided.

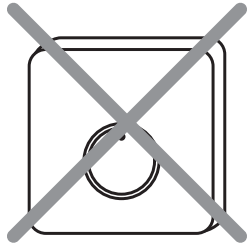


Power **Supply Connection**

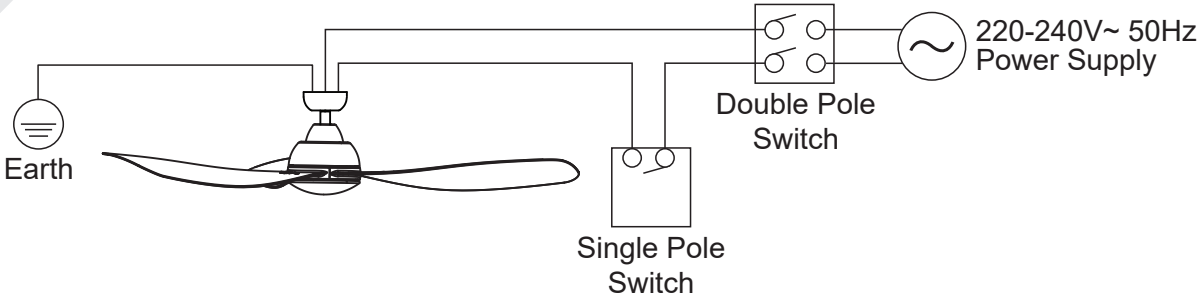
IMPORTANT : DO NOT CONNECT THIS REMOTE CONTROL CEILING FAN TO REGULATOR OR DIMMER SWITCH.



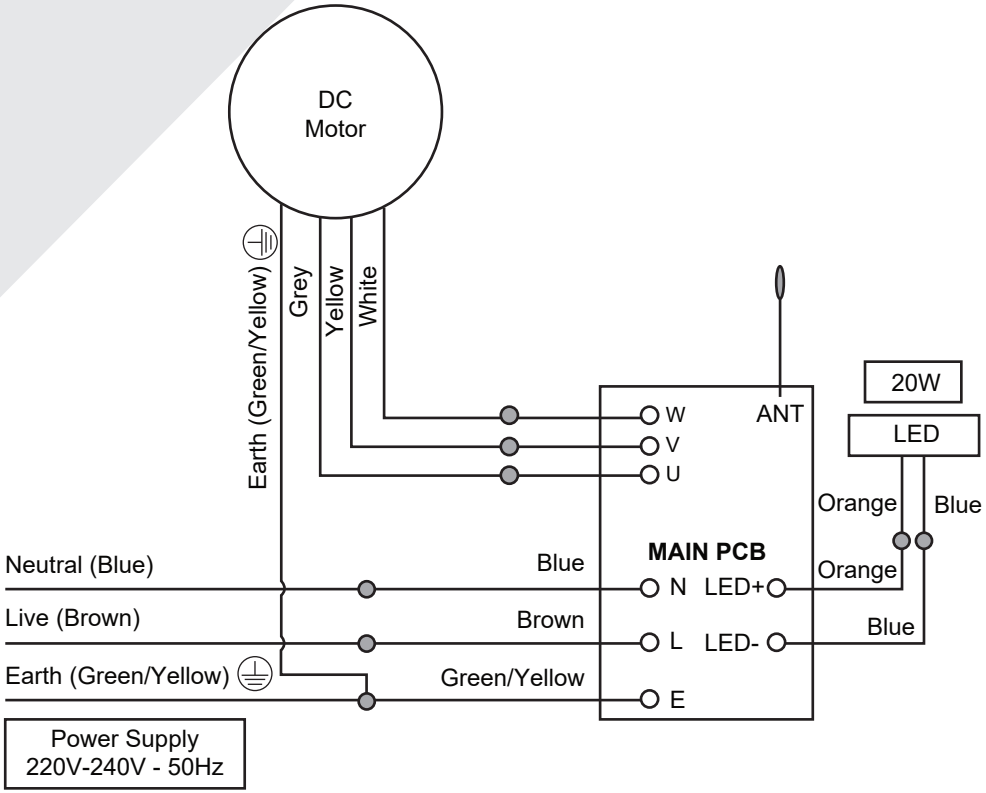
Regulator



Dimmer Switch



Circuit **Diagram**



Maintenance

Due to the fan's natural movement, connections may get loose after a period of usage. To ensure a proper and safety usage, it is highly recommended to inspect and tighten all connections every 6 months.

Cleaning
Cleaning your fan periodically will prolong its new appearance. Basic cleaning procedures are as follows :

1. Use only lukewarm water. Do not use detergent, corrosive or acidic solution.

2. Damp the cloth lightly. Use only soft or lint-free cloth to clean the fan. Rough fabric will scratch the surface.

3. Do not bend the blades while cleaning. At the event where blades are bent or damage, order new set of blades from service centre or dealer shop.

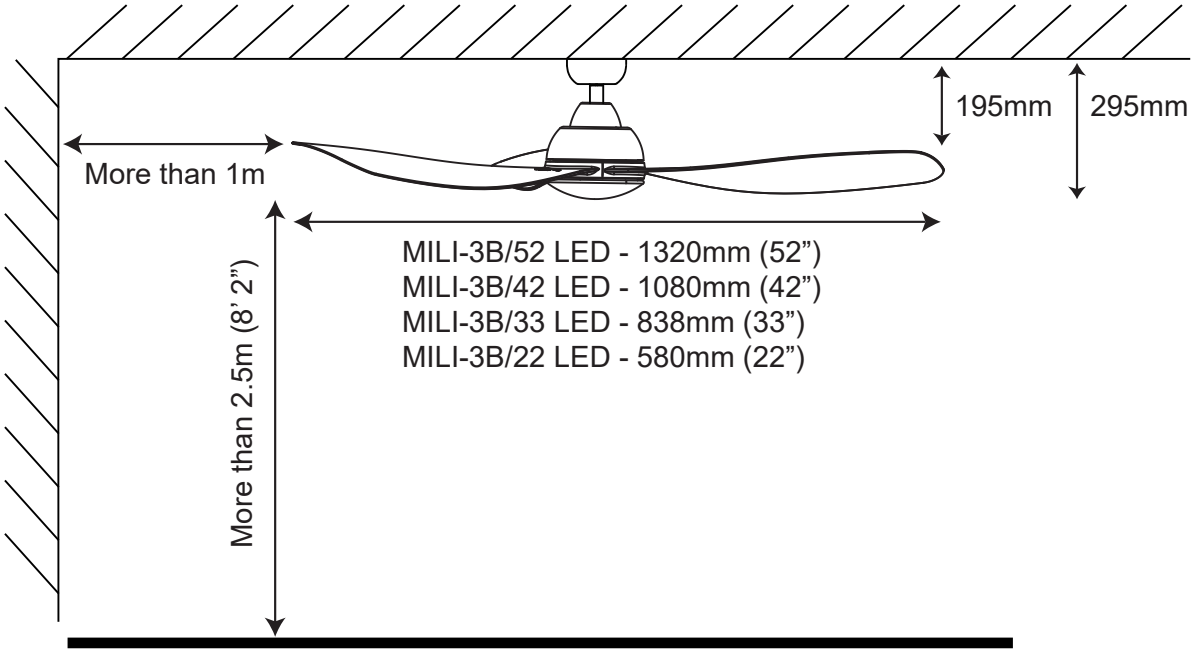
4. There is no need to oil the fan.

Technical **Specifications**

MODEL	FC-AF02/B	FC-AF04/B	MILI-3B/33 LED	FC-AF05/B
Alt. Model Name	MILI-3B/52 LED	MILI-3B/42 LED	MILI-3B/33 LED	MILI-3B/22 LED
No. Of Blades	3			
Fan Width	1320mm (52”)	1080mm (42”)	838mm (33”)	580mm (22”)
Motor RPM	51 - 202	51 - 202	90 - 236	138 - 400
Voltage	220-240V~ 50Hz			
Motor Wattage	2W - 50W	2W - 40W	4W - 30W	3W - 25W
LED Wattage	20W			
Nett Weight	5.55kg	4.75kg	4.5kg	3.8kg

Information may subject to 5% variation.

Technical
Specifications



Customer **Service**

If you need any technical assistance or faulty report, please contact our customer service centre at :

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