

## CAUTION!

**DO NOT THROW AWAY THIS BOOK! READ ALL INSTRUCTIONS CAREFULLY BEFORE INSTALLATION AND FAN OPERATION.**

Minor design changes or otherwise may result in slight variations between the product illustrated and that which is contained within this package

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**INSTALLATION AND OPERATION INSTRUCTION BOOK, REV 3.0**

**INFINITY LED DC SERIES**

**Models: CFFCINI2LWH (FC818123WW)**

**CEILING FANS WITH LIGHT**

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# INTRODUCTION & SPECIFICATIONS

## CONGRATULATIONS ON YOUR CHOICE

Thank you and we are delighted you have chosen a FANCO ceiling fan for your home. Please read all instructions carefully before assembly and use.

## SAFETY NOTICES

### WARNING / CAUTION

A WARNING / CAUTION notice denotes a hazard. It calls attention to an installation procedure, operating procedure, maintenance procedure, or the like, that if not correctly performed or adhered to, could result in damage to this appliance, personal injury or death. Do not proceed beyond a WARNING / CAUTION notice until the indicated conditions are fully understood and met.

## SAFETY SYMBOLS

	Alternating current
	Protective earth
	Warning/Caution

## TECHNICAL SPECIFICATIONS

MODEL	COLOUR	RATED VOLTAGE (V)	MOTOR POWER (W)	LAMP (W)	SIZE (mm)	WEIGHT (kg)	REMOTE BATTERY
CFFCINI2LWH	WHITE	220-240V~	DC 30W	18W LED	1200	3.3	2 x AAA

# SPARE PARTS & ACCESORIES

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## SPARE PARTS LIST

MODEL	BLADES	REMOTE CONTROL	LAMP COVER	SCREWS PACK	HANGER BRACKET
CFFCINI2LWH	FL818123WH	FRM105	FG488123	FR488123WH	FHB48311553

## OPTIONAL ACCESSORIES (SOLD SEPARATELY)

MODEL	600 (mm) EXTENSION RODS	900 (mm) EXTENSION RODS
CFFCINI2LWH	FD598600WH	FD598900WH

# SAFETY PRECAUTIONS

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Please observe the following general safety precautions carefully before and during all phases of handling, installation, removal, operation and maintenance of this product. Failure to comply with these precautions violates safety standards of design, manufacture and intended use of the product. Fanco assumes no liability for customer's failure to comply with these requirements.



## SAFETY WARNINGS

1. Read all instructions and safety information. Review assembly diagrams provided before installing your new ceiling fan.
2. **This fan must be installed by a licensed and qualified electrician according to SAA and local authority regulations.**
3. 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.
4. Children should be supervised to ensure that they do not play with the appliance.
5. **All electrical works must only be undertaken after disconnection of the power by removing fuses or turning off the circuit breaker, to ensure all pole isolation of the electrical supply.**
6. Do not use outdoors where it could be exposed to water or moisture.
7. If unusual oscillating movement is observed, immediately stop using the ceiling fan and contact licensed electrician or Fanco Customer Care.
8. Replacement of parts of the safety suspension system device and mounting of the suspension system shall be performed by licensed electrician.
9. This manual is not intended to instruct or assist untrained or unqualified persons to install this ceiling fan.
10. **It is the responsibility of qualified, licensed installer and user to apply common sense and care at all times during installation and operation.**

## HOW TO CHOOSE A PROPER LOCATION FOR CEILING FAN

1. According to regulations and to provide a safe clearance from the floor, the lowest point on the fan blade must be at least 2.1 metres (7 feet) from the floor.
2. For fan installed enclosed outdoors, the fan must be installed at least 1.5m from the perimeter of roof/eaves of the enclosure to protect the product from direct or indirect rain water or sunlight.
3. The chosen location for the fan must not allow the rotating blades to come into contact with any object.
4. Please check carefully and make sure that ceiling joists are strong enough and of adequate size to support the weight of about 35 kg.
5. To reduce the risk of fire, electrical shock or personal injury, please make sure that the fan hanger bracket is directly supported from the building structure. Do not mount to an outlet box.

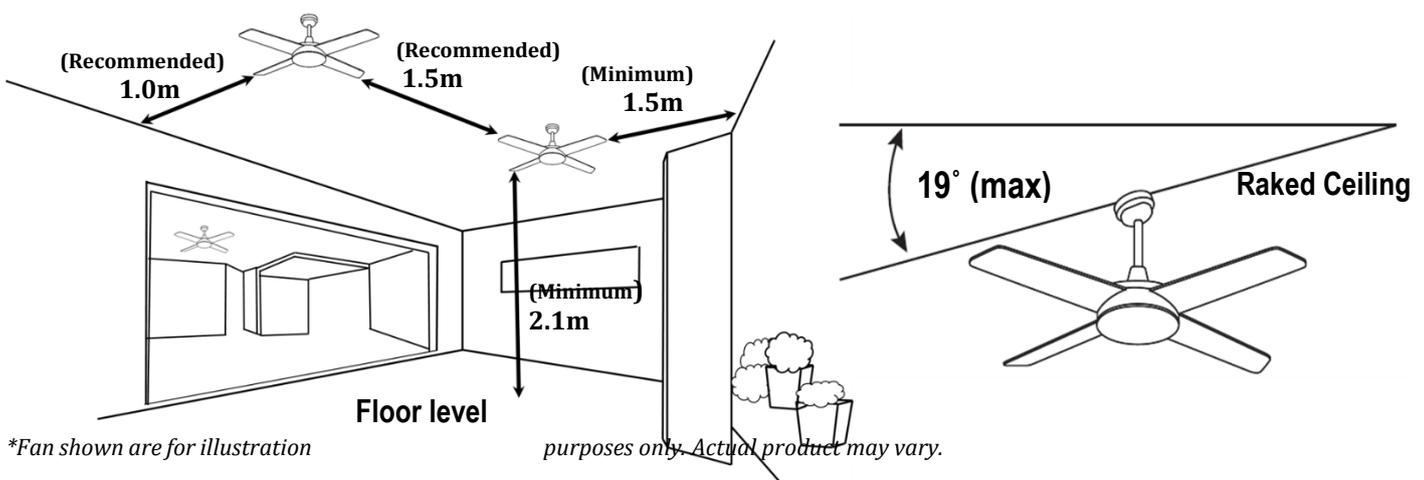
# SAFETY PRECAUTIONS

6. The hanger bracket must be firmly screwed to a load bearing building structure e.g. 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.
7. Attach fan blades after the fan motor housing is installed and properly secured. Keep the fan motor and blades in the original package until it is ready to be installed.
8. Check and confirm, after the fan is completely installed, that all connections are proper and secure to prevent the fan from falling or causing property damages or personal injury.
9. Take care not to bend or damage the motor Drive Shaft or Fan Blades when handling or installing them. If such defect is noticed, please contact the Customer Service before installation of the ceiling fan.
10. Both the fan with light kit and the hanging bracket must be earthed.
11. Do not remove the fan from the ceiling after installation.
12. Make sure electricity is turned off at the main power box before commencing work. Turn off the power by removing fuse or turning off circuit breaker before installing the fan.

## ELECTRICIANS AND INSTALLERS NOTICES

1. The **AUSTRALIAN CONSUMER LAW ACT 2010** mandates consumer protection against defects or poor workmanship in provision of services (such as installing a ceiling fan). To protect yourself and the consumer, these instructions must be followed. Failure to do so may result in the consumer making claim against you for consequential loss or damage.
2. If there are any problems with the products at the time of installation, the installer must contact the Customer Care Hotline (located on the Warranty Card) **BEFORE** leaving the job site.
3. Do not remove the fan from the ceiling once installed, unless instructed to do so.

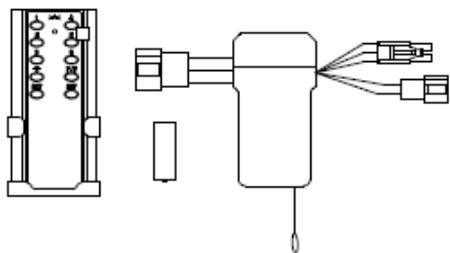
## CLEARANCES AND ANGLED CEILING



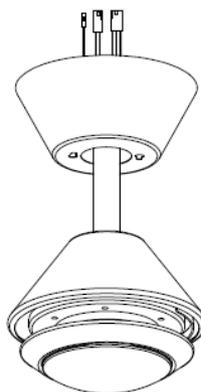
# UNPACKING YOUR FAN

## INCLUDED WITH YOUR FAN

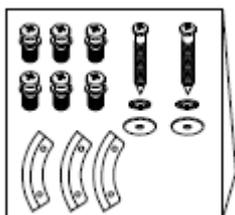
Open the original carton and verify the following items are available for the standard purchase of this product. If there are any missing or mechanically damaged items, contact the Fanco Customer Care. Do not throw away the carton or other packaging material as it may be needed if warranty replacement or repair is ever necessary.



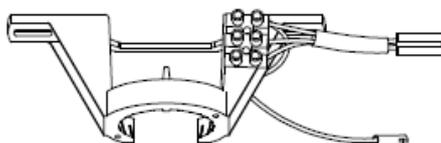
1 x Remote Controller Set



1 x Motor Assembly



Balancing Kit & Screws Package



1 x Hanger Bracket



3 x Blades



1 x Instruction Manual & Warranty Card



1 x Acrylic Diffuser



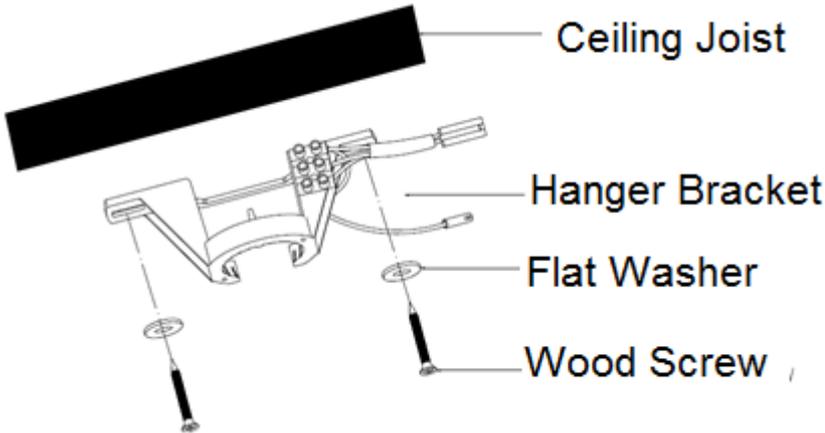
- *Use of an unapproved remote controller will void the warranty. Therefore do not control the operation of this fan from any remote controller that is not approved for use with this fan.*
- *Do not use solid state controllers.*

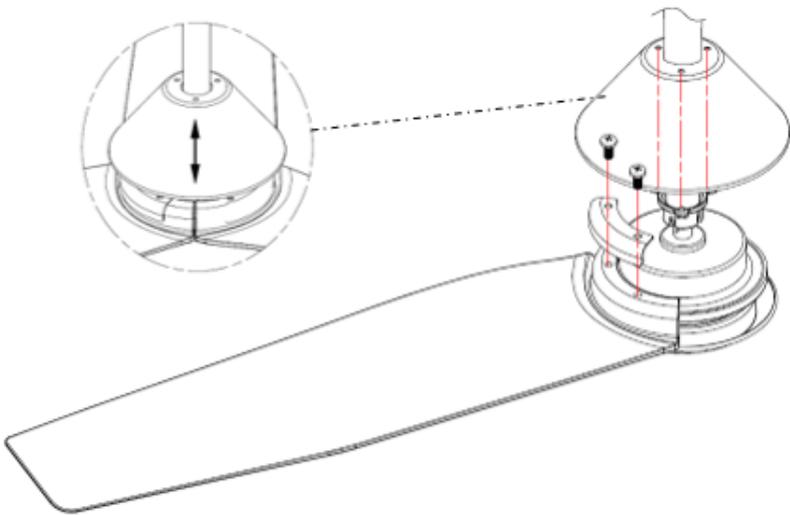
# FAN INSTALLATION INSTRUCTIONS



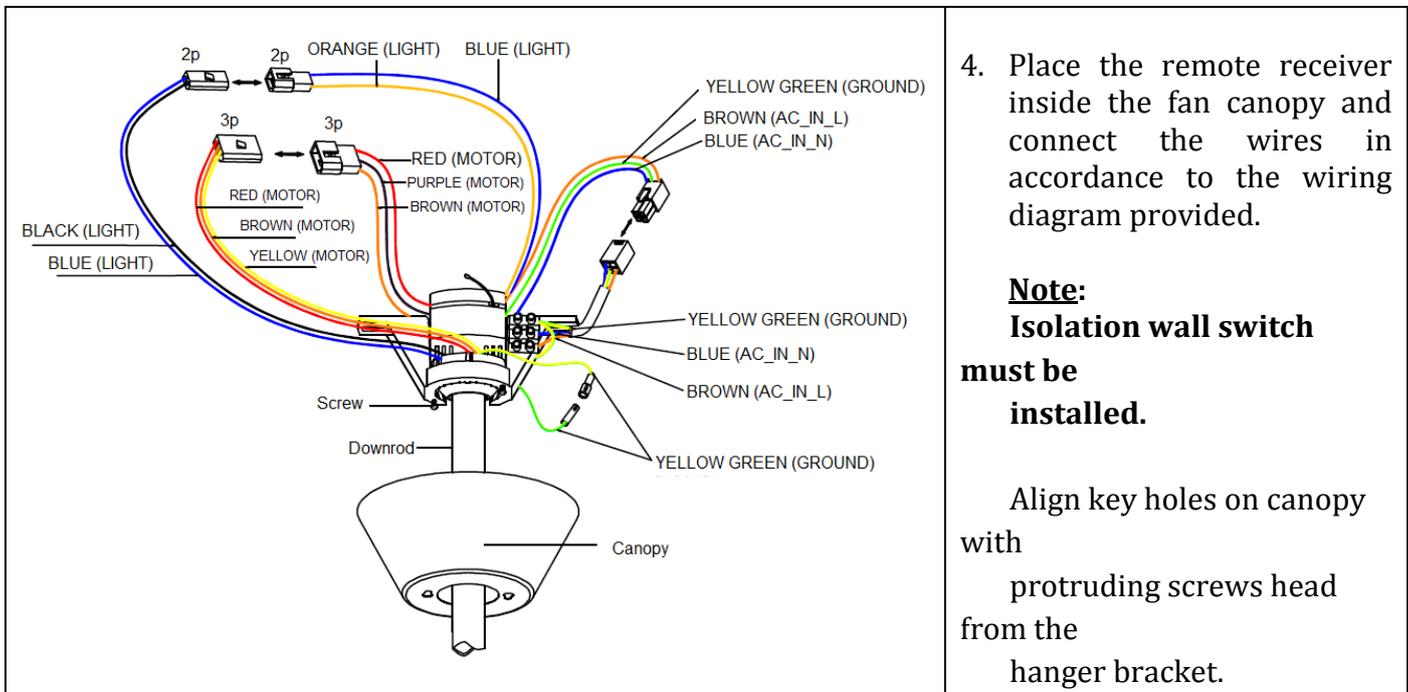
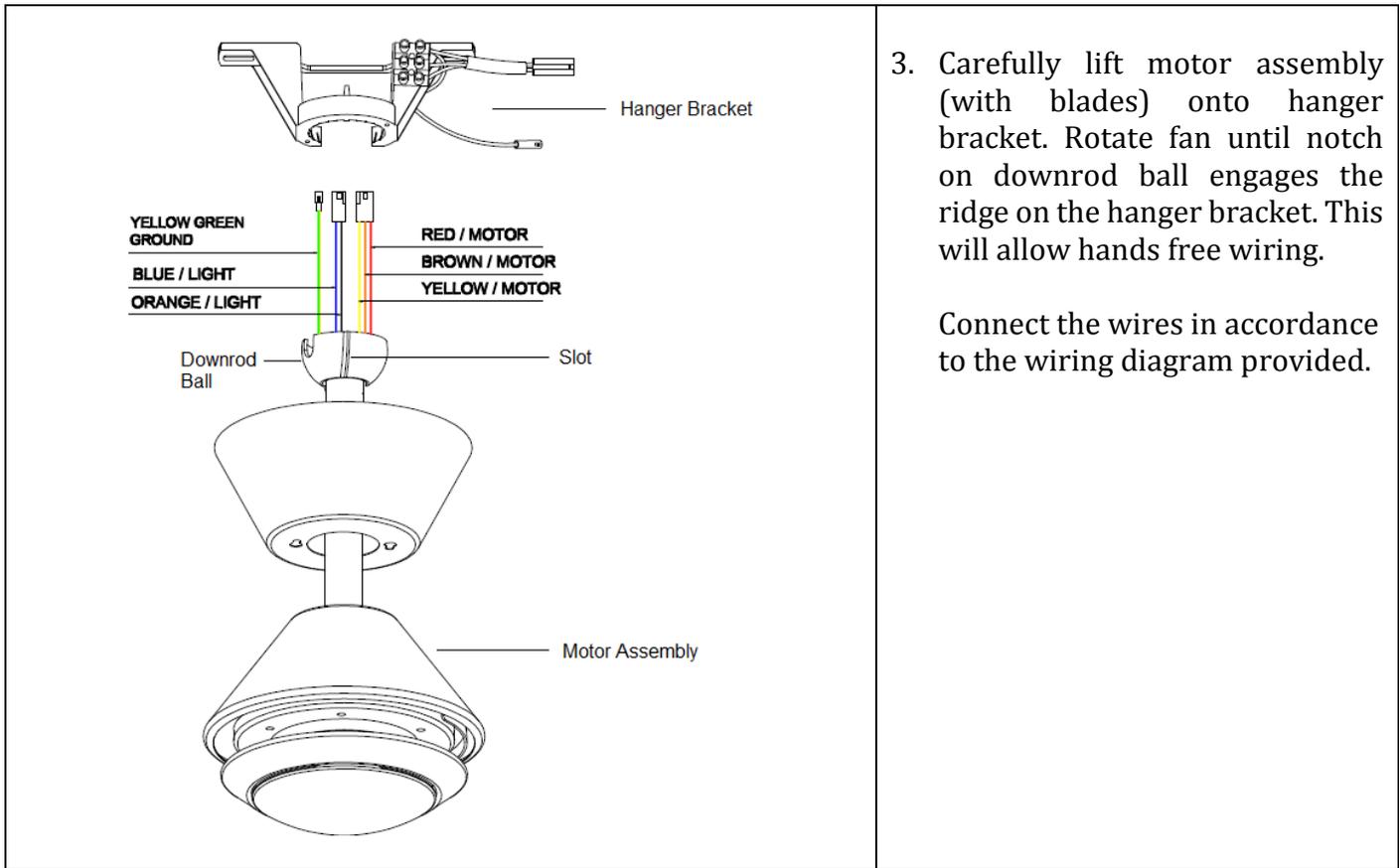
- Make sure electricity is turned off at the main power box before commencing work. Turn off the power by removing fuse or turning off circuit breaker before installing the fan and replacing the lamp.
- The lowest point on the fan blade must be at least 2.1 metres (7 feet) from the floor.
- Make sure that ceiling joists are strong enough and of adequate size to support the weight of the fan of about 35 kg.

## INSTALLING THE FAN

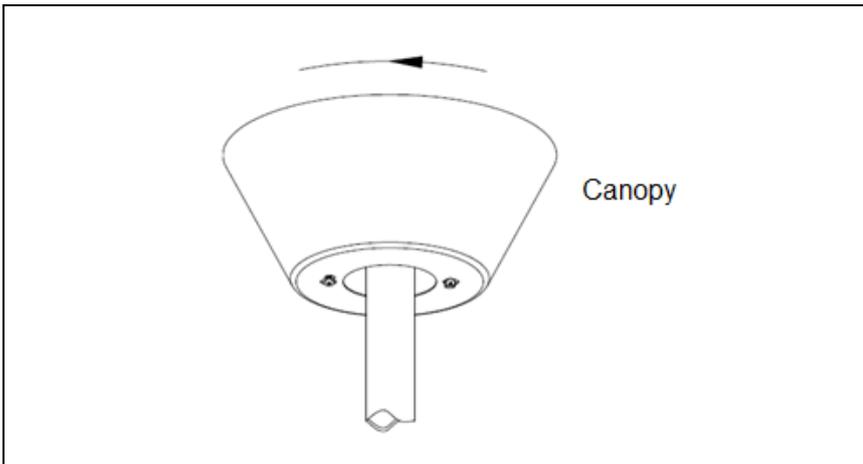
	<ol style="list-style-type: none"><li>1. Fan and hanger bracket must be earthed during installation. Secure the hanger bracket to the ceiling joist or suitable piece of timber inserted between the ceiling joists. The bracket should be attached with two timber screws and washers supplied.</li></ol>
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	<ol style="list-style-type: none"><li>2. Align blade holes with holes at the bottom of the motor assembly. Hold blade into position, then insert the blade buckle and screws in position. Tighten the screws. Repeat the same step until all blades are installed.</li></ol> <p><b>Caution:</b> Do not over-tighten the screws.</p> <p><b>Tips:</b> Life up the yoke cover for easier blade installation.</p>
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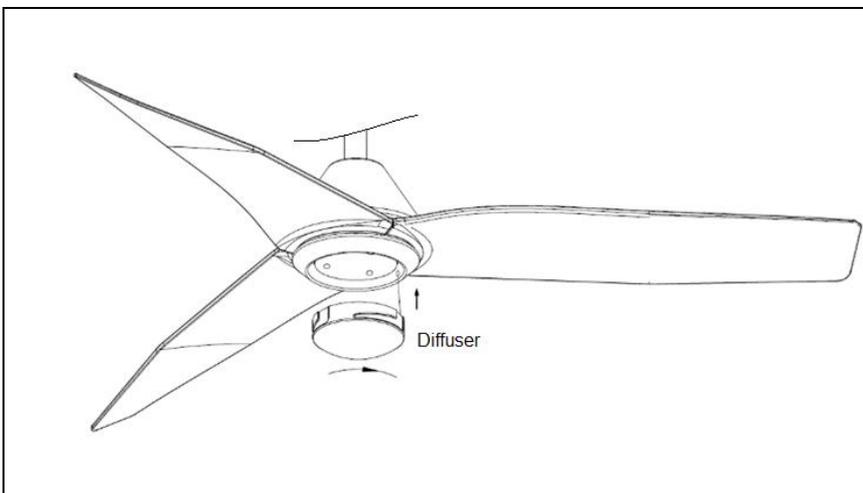
# FAN INSTALLATION INSTRUCTIONS



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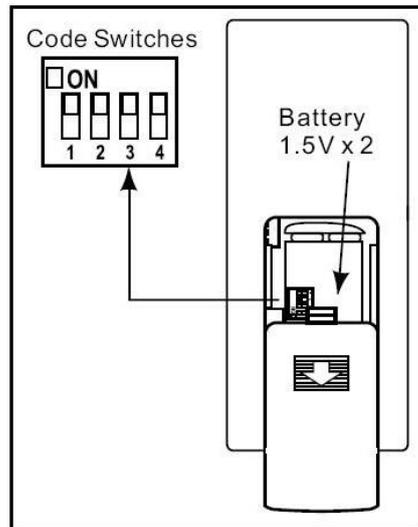
5. Rotate the canopy counter-clockwise until screw heads engage the key slots fully. Tighten the screws. Be careful not to damage or cut the wiring.



6. Install acrylic diffuser to light kit through clockwise rotation.

# REMOTE PAIRING INSTRUCTIONS

## PAIRING REMOTE RECEIVER & TRANSMITTER FOR FAN OPERATION



To prevent potential communication interference between multiple devices within a close proximity, remote transmitter (handset) for this ceiling fan incorporates DIP switches for setting individual Identity (ID) Code for each set of radio frequency remote controller. DIP switches are located inside battery compartment of remote handset. The DIP switch setting is user changeable by sliding code switches to your choice of ON or OFF position. Slide each switch firmly UP or DOWN. The code switches can be set to one of the sixteen (16) possible code combinations:

<b>Possible DIP Switch Setting (ON setting represented by 1; OFF setting represented by 0)</b>			
<b>0000</b>	<b>0100</b>	<b>1000</b>	<b>1100</b>
<b>0001</b>	<b>0101</b>	<b>1001</b>	<b>1101</b>
<b>0010</b>	<b>0110</b>	<b>1010</b>	<b>1110</b>
<b>0011</b>	<b>0111</b>	<b>1011</b>	<b>1111</b>

A remote receiver must undergo an “ID code learning” process before it recognises and is able to communicate with remote transmitter but this process had been completed in factory so you can start using the remote controller once electrical installation is complete.

**However, you will be required to perform an “ID code learning” process manually if:**

- Your remote controller is not responding or if you are getting a new replacement for transmitter/receiver.
- You have 2 or more ceiling fans of the same model in one or nearby location, and you wish to be able to control each fan independently without affecting operation of the other fans.
- You have 2 or more ceiling fans of the same model and you wish to control by one remote handset.

To perform an ID code learning process manually, follow instructions on next page:

# REMOTE PAIRING INSTRUCTIONS

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## **INSTRUCTION: IF USING INDIVIDUAL REMOTE CONTROLLER FOR EACH INDEPENDENT FAN**

1. Turn OFF the power to each receiver of ALL fans in the same or nearby location. Electrician MUST install all poles disconnection / isolation wall switch in the fixed wirings for each fan.
2. Turn ON **ONLY** the power to the receiver of each fan per time. DO NOT TURN ON THE POWER FOR ALL OTHER FANS.
3. Press the transmitter's "SET" & "4" buttons and hold both buttons for over 5 seconds.
4. The receiver will beep once it has detected the new code setting. Beeping indicates the code learning process has been completed.
5. Try different speed setting on remote handset to ensure the fan is now fully functional. If not, repeat the process starting from STEP 1 again.
6. If you have more than one fan for which you want to control independently, perform the same procedure starting from STEP 1 to STEP 3 for each fan and remote controller in turn. Remember to change the DIP Switch setting on each remote handset. Make sure to only power ON one fan receiver per time, and power OFF all the nearby fans to avoid picking up the same ID code signal.

## **INSTRUCTION: IF USING ONE REMOTE CONTROLLER FOR MULTIPLE FANS**

1. Turn OFF the power to each receiver of ALL fans in the same or nearby location. Electrician MUST install all poles disconnection / isolation wall switch in the fixed wirings for each fan.
2. Turn ON the power to all receivers for all fans.
3. Press the transmitter's "SET" & "4" buttons and hold both buttons for over 5 seconds.
4. The receiver will beep once it has detected the new code setting. Beeping indicates the code learning process has been completed.
5. If all the other fans are out of range, repeat STEP 1 to STEP 3 using the same remote handset. Make sure you do not change the DIP Switch settings.
6. Try different speed setting on remote handset to ensure all fans are now fully functional. If not, repeat the process starting from STEP 1 again.

## **NOTES:**

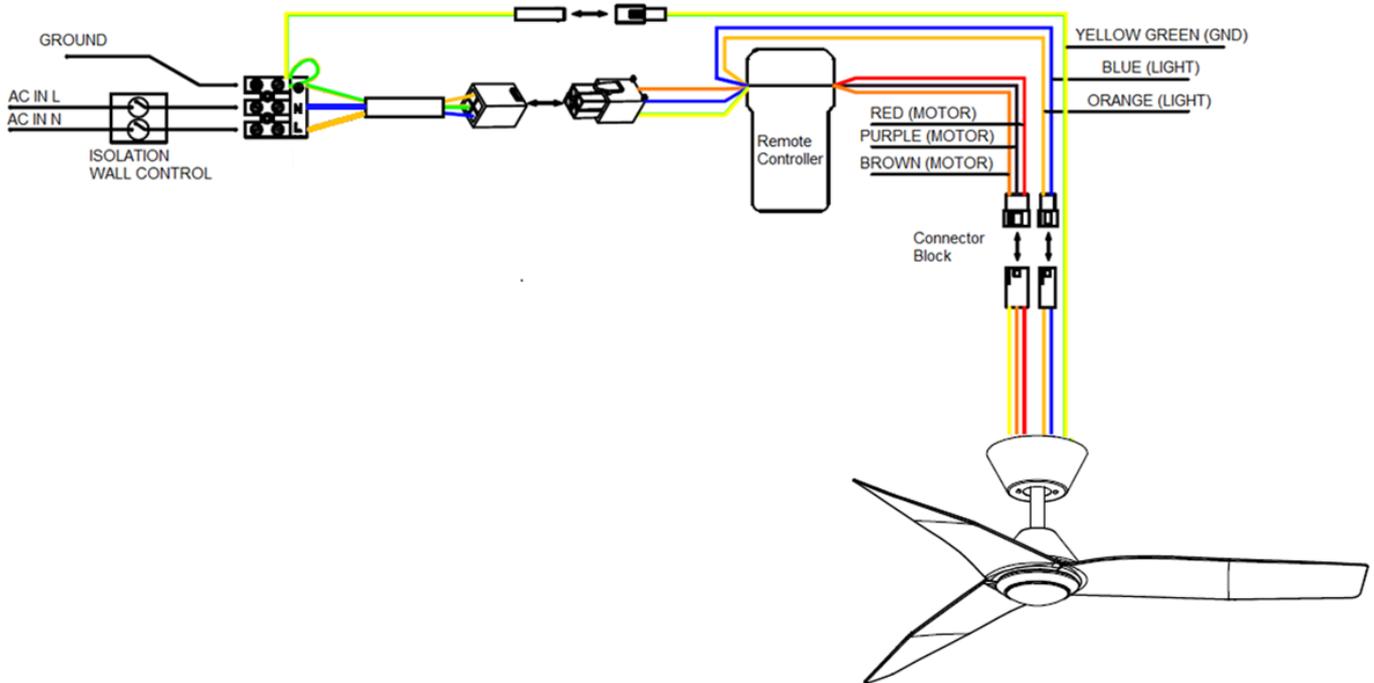
- I. After the AC power is ON, do not press any other button on the transmitter before pressing the "SET" & "4" buttons as doing so will cause the procedure to fail. After completing the steps above, you should be able to operate the ceiling fan. If the fan is not responding to the transmitter, please turn the power off to the receiver and repeat all the steps again.
- II. When performing code learning, ensure that the distance from receiver to transmitter does not exceed the range of 10 metres.
- III. If you find your transmitter controlling more than 1 fan, this means that the other "fan" in the nearby location has pick up the same ID code. This is not a fault. Make sure only fan that needs to perform ID code learning are power ON, and the rest of nearby fans are power OFF. See above instructions on how to control independent or multiple fans.
- IV. Check that battery is properly installed.
- V. Remove the battery if not used for long period of time to prevent damage to the hand held remote.

# WIRING DIAGRAM

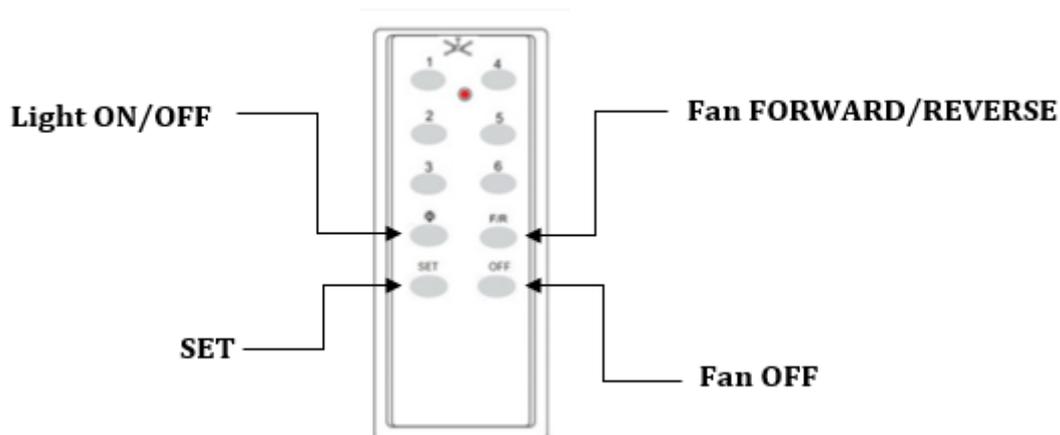
## WIRING DIAGRAM FOR FAN CONTROLLED WITH REMOTE CONTROLLER

### NOTE

1. Isolation wall switch must be installed



# REMOTE CONTROLLER INSTRUCTIONS



<p>Battery 1.5V x 2</p>	<p><b>Install Battery:</b> Open battery cover by pressing down and sliding the cover. Install two 1.5V (AAA) batteries (included) into the hand held remote transmitter battery compartment. (if not use for long period of time, remove the batteries to prevent damage to the transmitter).</p>
<p><b>SET</b></p>	<p><b>ID Code Pairing:</b> Press the SET button and Number 4 button together for over 5 seconds to initiate the code learning process between the handset and the receiver.</p> <p><i>NOTE: This button is only functional when press with number 4 button.</i></p>
<p><b>F / R</b></p>	<p><b>Fan Reversing:</b> Press this button on the remote controller handset to toggle between SUMMER and WINTER settings. The fan should ideally be set to move blades in anticlockwise direction for downwards airflow during summer seasons, and to move blades in clockwise direction for upwards airflow during cooler seasons.</p>
	<p><b>Light ON/OFF:</b> Press the button once to toggle the fan light to ON or OFF. By default, light is ON after power to the fan is turned ON.</p> <p><i>NOTE: This button is only functional on remote handset for ceiling fan equipped with light. The button is NOT functional on remote handset for ceiling fan WITHOUT light.</i></p>
<p><b>OFF</b></p>	<p><b>Fan OFF and SPEED CHANGE:</b> Press the OFF button once to turn OFF the fan. By default, fan is OFF after power to the fan is turned ON.</p> <p>Press buttons with numbers (1, 2, 3, 4, 5, and 6) to turn ON the fan at the corresponding speed setting. Speed 1 is the lowest speed. Lower fan speeds consume considerably less power than higher fan speeds. Operate ceiling fan at a lower speed to generate comfortable wind for a restful sleep.</p>

# INFORMATION FOR LICENSED ELECTRICIAN AND FAN OWNERS

## TROUBLESHOOTING GUIDE

Please read fault finder before calling for warranty.

### 1. FAN WILL NOT START

- I. Check that mains circuit breakers are in the ON position.
- II. Check that isolation wall switch is in the ON position.
- III. Check that batteries in the remote handset (if any) are in good condition.
- IV. Perform the code learning process manually
- V. Check that live, neutral and ground wires from isolation wall switch, remote receiver (if any) through to fan are all wired correctly in accordance with wiring diagram.
- VI. Check that all wire connections at wall switch, wire connector and/or terminal block are secured (not loosened).

### 2. FAN SOUNDS NOISY.

- I. Check suggested bulbs and fully tighten light fitting (version with light).
- II. Re-tighten all screws on fan blades (do not over tighten).
- III. Re-tighten all screws in the hanging bracket and covering plate.

### 3. MECHANICAL NOISE

- I. Let the fan run for about 8 hours for settling in period.

### 4. FAN TURNS BUT DOES NOT MOVE MUCH AIR

- I. The fan may be running in reverse (for fans with reverse running option).
- II. The distance from the ceiling to the fan blades is too small.
- III. The room may contain items which obstruct the air flow.
- IV. The fan may be too small for the size of the room.

### 5. FAN WOBBLES

Check for wobble after each step.

- I. Check that all blade brackets are tightened securely.
- II. Most wobble problems result from inconsistent blade level. To check blade level, measure the distance from each blade tip to the ceiling. If measurements are inconsistent, adjustments of brackets will be required.
- III. Wobble problem could also result from deviations in distance from blade to blade. To check blade separation, measure the distance from blade tip to blade tip. Should measurements vary, loosen screws connecting blades and brackets (one at a time) then shift the blade to proper position and re-tighten screws.

# IMPORTANT FACTS

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All electric motors, including fan motors make some noise and may feel hot to touch - this is not a fault. Ceiling fans tend to move during operation as they are not generally rigid-mounted. Rigid mounted ceiling fans generate excessive vibration and stress on their mountings.

Movement of a couple of centimetres is quite normal and does not suggest the fan will fall down.

Please note - all ceiling fans are not the same, even in the same model some may move more or less than others.

Fan lights can rattle, if they are not supplied with the fan. They are not covered by warranty.

## FAN OPERATION

A ceiling fan is an environmentally smart choice when it comes to cooling as well as helping to warm your room. You should see a reduction in both cooling and heating costs by regular use of your fans. Do not hesitate to use your fans in both summer and winter months.

In summer place the reverse switch in the downward position (fans should spin in anti clockwise direction) so cool air is blowing down producing a cool breeze.

In winter, reverse the switch (fan should spin in clock wise direction) so that an upward airflow will push warm air off the ceiling and circulate it downwards into the living areas. In winter months use the fan on a lower speed than in summer.

## CLEANING & MAINTENANCE

Clean the fan using a clean, lint-free cloth or soft brush to prevent scratches to the finish of fan. Do not use abrasive agent for fan cleaning as it can damage the fan finish. To remove accumulated dust, use a slightly dampened cloth.

## NORMAL WEAR AND TEAR

Threaded components working slightly loose, or blade carriers becoming slightly bent due to vigorous cleaning or bumping can cause extra wobble and noise. This is not covered under warranty, but a little care and maintenance can reduce or prevent this problem.

## NIGHT NOISES

This is the biggest cause of service calls, which are outside the manufacturer's warranty. If a fan has a fault it will be noticeable at all times. Naturally when everything is quiet at night you will be more inclined to hear small noises, which may not be noticeable at other times. Even slight signals super imposed in your electricity supply for off peak hot water control may cause a change in the fan motor noise. This is normal.



**PLEASE RECYCLE ALL PACKAGING MATERIAL SUPPLIED WITH THIS PRODUCT**