

# **LUCCI AIR ARIA CTC DC CEILING FAN**

- **INSTALLATION**
- **OPERATION**
- **MAINTENANCE**
- **WARRANTY INFORMATION**

**CAUTION**  
**READ INSTRUCTIONS CAREFULLY FOR SAFE  
INSTALLATION AND FAN OPERATION.**

**THANK YOU FOR PURCHASING**

Thank you for purchasing the latest in energy saving ceiling fans. This fan runs on DC (direct current) power which gives it the benefit of being super energy efficient whilst still maintaining high volume air-movement and silent operation.

**Energy saving** - The DC motor is the latest technology in fan design. Its highly efficient motor saves up to 65% more energy than ceiling fans with traditional AC motors.

**Silent operation** – This DC fan motor is programmed with a stabilised current which efficiently reduces motor noise.

**Low operating temperature** – The DC power is managed effectively which brings down the motor operating temperature to less than 50°C. This results in a much cooler motor than a standard AC fan and increases the longevity of the motor.

**6 speed remote control** - Regular AC ceiling fans usually come with only 3 speeds, this DC fan comes complete with a 6 speed remote, which gives a greater choice of comfort levels.

**SAFETY PRECAUTIONS**

1. The 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 the use of the appliance by a person responsible for their safety.
2. Children should be supervised to ensure that they do not play with the appliance.
3. An all-pole disconnection switch must be incorporated into the fixed wiring, in accordance with local wiring rules.

**WARNING:**

**FOR SAFE USE OF THIS FAN AN ALL-POLE DISCONNECTION  
MUST BE INCORPORATED INTO THE FIXED WIRING IN  
ACCORDANCE WITH THE WIRING RULES.**

As outline in clause 7.12.2 of AS/NZS 60335-1 for meeting the minimum electrical safety of this standard.


Please note warranty will be void if installation is without a means for an all-pole disconnection incorporated in the fixed wiring in accordance with the wiring rules.



Example: If a fan is connected to a circuit that can be isolated via an all-pole safety switch at the switchboard, then this is considered to be an all-pole disconnection to the ceiling fan electrical circuit, meeting the requirements of clause 7.12.2 of AS/NZS 60335.1.

**A single-pole switch on the active of the receiver input of remote control must also be included in the wiring, and located the same room as the ceiling fan.**

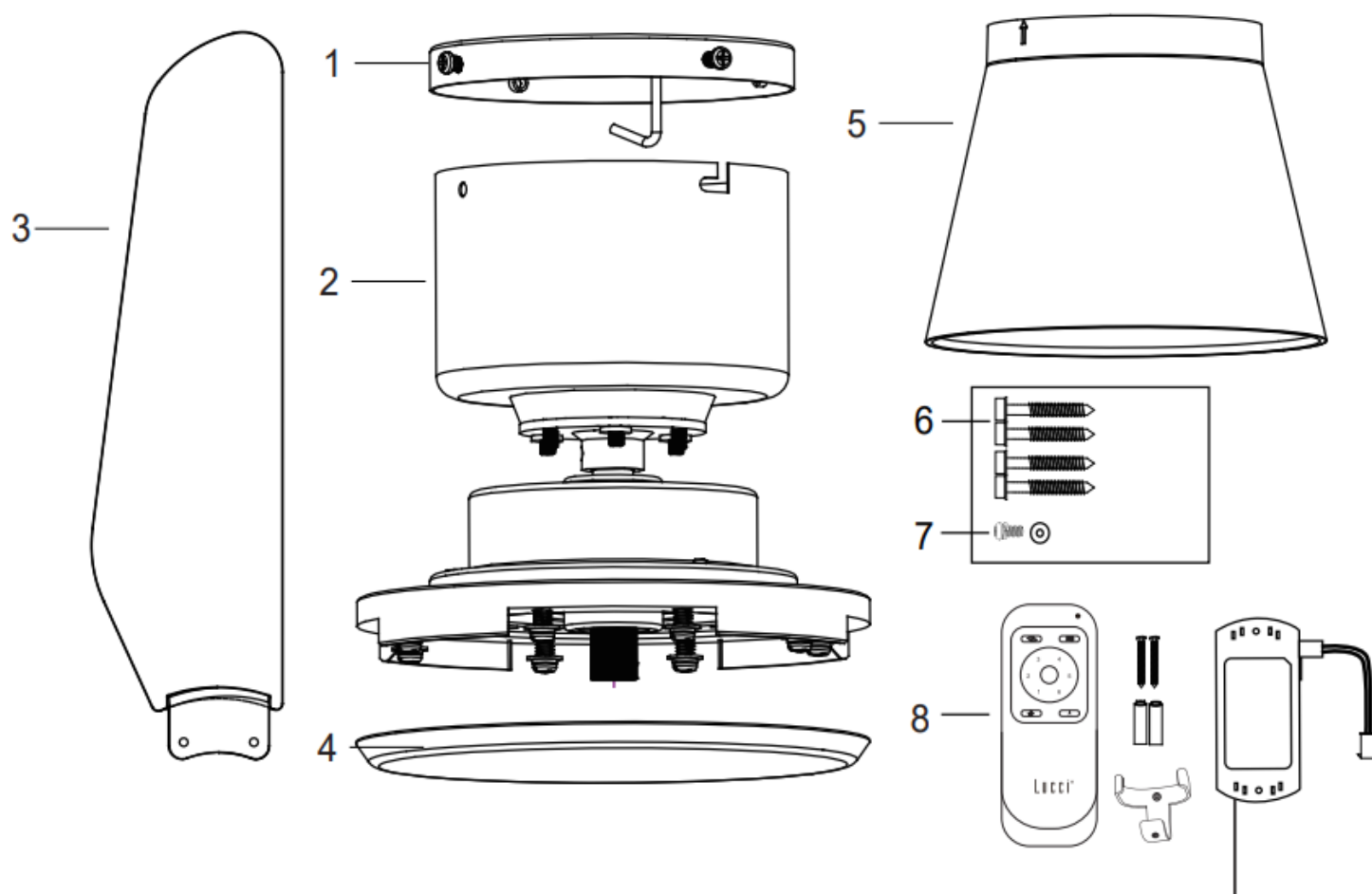


4.  Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities. Contact your local government for information regarding the collection systems available. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the ground water and get into the food chain, damaging your health and well-being.
5. The structure to which the fan is to be mounted must be capable of supporting a weight of 16kg.
6. The fan should be mounted so that the blades are more than 2.1 m above the floor.
7. This fan is suitable for indoor, alfresco and coastal areas where the fan is fully undercover with a minimum of 1 wall. This fan is not waterproof. When installed in an alfresco or coastal area, the ceiling fan must be positioned in a location protected from water, wind and dust. Exposure to these elements will void the warranty. Mounting the fan in a situation where it is subject to water or moisture is dangerous and may increase the risk of damage, injury or electrical shock and will void the warranty.
8. Must be assembled and installed by a licensed electrician.
9. **WARNING:** If unusual wobbling or oscillating movement is observed, immediately stop using the ceiling fan and contact the manufacturer, its service agent or suitably qualified persons.
10. The replacement of parts of the safety suspension system device shall be performed by the manufacturer, its service agent or suitably qualified persons.
11. 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; that the mounting of the suspension system shall be performed by the manufacturer, its service agent or suitably qualified persons.



**PARTS LIST**

- Unpack your ceiling fan carefully. Remove all parts and hardware.
- Lay out all the components on a smooth non-scratch surface and make sure there are no components missing before assembling. If parts are missing, return the complete product to the place of purchase for inspection or replacement.
- Check whether the ceiling fan has been damaged during transport. Do not operate/install any product which appears damaged in any way. Return the complete product to the place of purchase for inspection, repair or replacement.
- Examine all parts, you should have the following:

**Fig. 1**

1	Mounting bracket x 1 set	5	Motor housing x 1 set
2	Fan assembly x 1 set	6	Mounting bracket screws x 4
3	Blades x 4 pcs	7	Spare screw for fan blade x 1
4	Bottom cover x1 set	8	Remote receiver and Remote controller, screw, battery, holder x 1 set

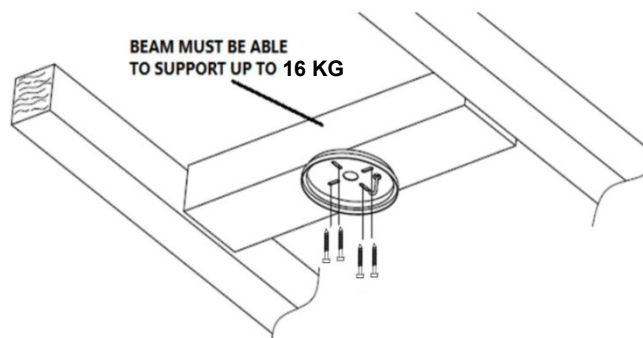


**INSTALLING THE FAN****TOOLS REQUIRED:**

- Phillips / flat head screwdriver
- Pair of pliers
- Adjustable spanner
- Step ladder
- Wire cutter
- Wiring, supply cable as required by local provincial and national wiring codes and regulations

**INSTALLING THE MOUNTING BRACKET**

- The ceiling fan must be installed in a location so that the blades are spaced 300mm from the tip of the blade to the nearest objects or walls.
- Install the hanging bracket to the ceiling joist or structure that is capable of carrying a load of at least 16kg, with 4 long screws provided. Ensure at least 30mm of the screw is threaded into the support. (Fig. 2)

**Fig. 2**

**NOTE:** The bracket screws provided are for use with wooden structures only. For structures other than wood, the appropriate screw type **MUST** be used. Ensure the screws used are suitable for the mounting surface and the surrounding environment.

**ANGLED CEILING INSTALLATION**

The hanging system of this fan is **ONLY** suitable for flat ceiling installation.

**DO NOT** install the fan on an angled ceiling.



### HANGING THE FAN TO MOTOR ASSEMBLY

- Install the motor housing (1) onto the motor assembly. (Fig.3)
- Lift the fan assembly up to the mounting bracket. Hang the fan assembly onto the J-hook (2) of the mounting bracket. (Fig.4)

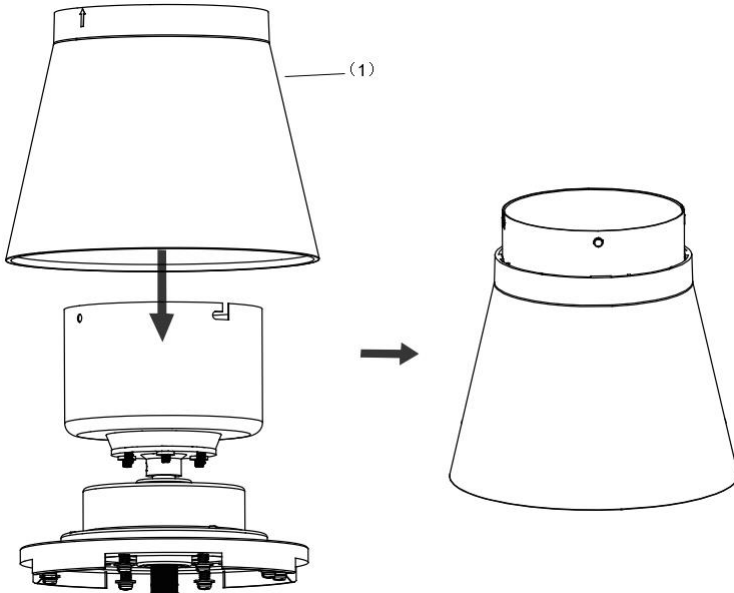


Fig. 3

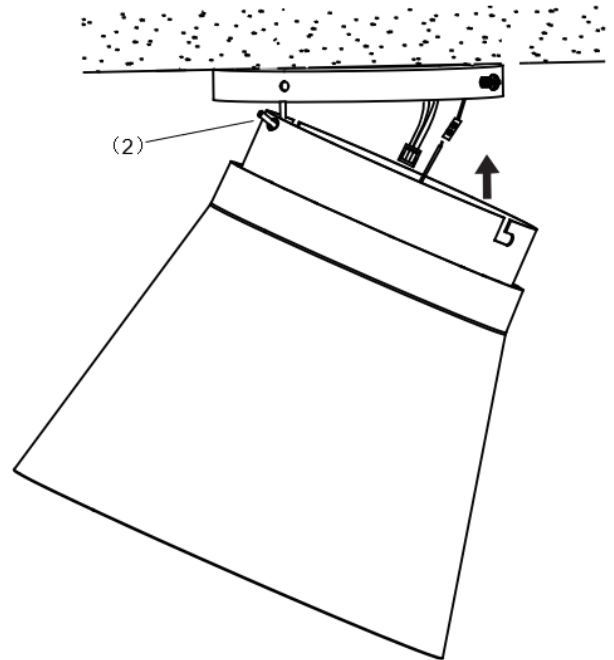


Fig. 4

- Complete the electrical wiring according to the 'ELECTRICAL WIRING DIAGRAM' section below.

### • ELECTRICAL WIRING DIAGRAM THE FAN

#### **PREPARE AND COMPLETE THE ELECTRICAL WIRING --- WIRING DIAGRAM (FIG. 5)**

**WARNING:** FOR YOUR SAFETY ALL ELECTRICAL CONNECTIONS MUST BE UNDERTAKEN BY A LICENSED ELECTRICIAN.

**NOTE:** AN ADDITIONAL ALL POLE DISCONNECTION SWITCH MUST BE INCLUDED IN THE FIXED WIRING.

**NOTE:** IF THERE ARE TWO OR MORE DC CEILING FANS INSTALLED IN THE ONE LOCATION, AN ISOLATION SWITCH IS REQUIRED FOR EACH CEILING FAN. THIS IS REQUIRED WHEN PROGRAMMING THE REMOTE AND RECEIVER TO PAIR TOGETHER.

Ensure the motor earth wire is connected to the single earthing terminal block "1" in the diagram below. (Fig. 5)



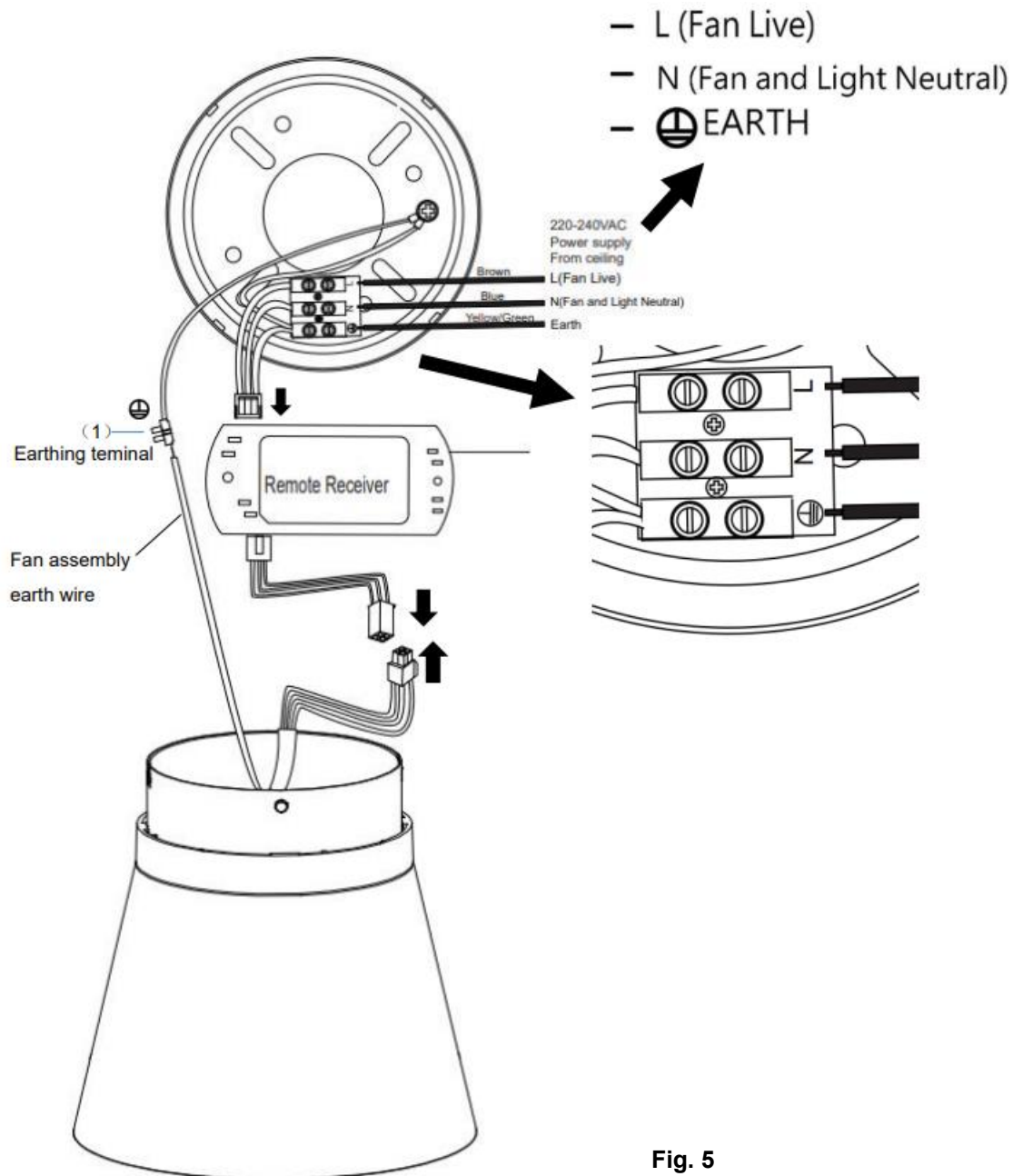


Fig. 5

**From mains supply to mounting bracket terminal block:** (Fig. 5)

1. Connect the live supply wire to the “L” terminal of the terminal block on the mounting bracket.
2. Connect the neutral supply wire to “N” terminal of the terminal block on the mounting bracket.
3. Connect earth wire to the earth terminal of the terminal block on the mounting bracket.

**From mounting bracket to receiver and motor:** (Fig. 5)

4. Click together the supply wires from the mounting bracket to the input of the DC motor receiver.
5. Click together the output wires of DC motor receiver to the input wires of the fan motor via the quick connector plugs.
6. Connect the earth wires from the fan motor to the single earthing terminal block “1” in the diagram.





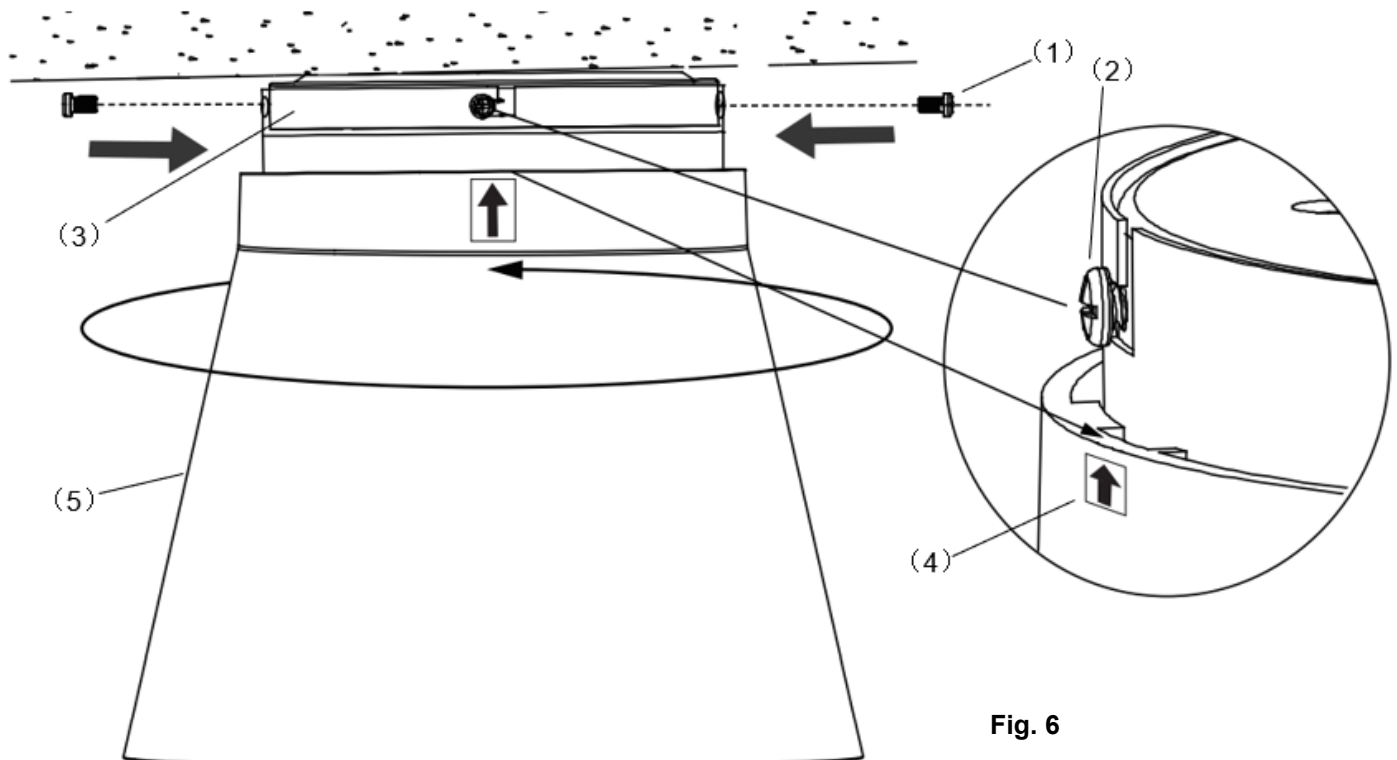
**INSTALL THE FAN ASSEMBLY TO THE MOUNTING BRACKET**

- After completing the electrical connection at the mounting bracket terminal block, connect the ceiling fan wiring via the quick connector plugs.

**NOTE: Ensure the earth wiring is secure and correct, by performing an earthing continuity test from the fan's accessible metal body back to the earth terminal at the terminal block on the mounting bracket.**

Install the fan assembly to the mounting bracket (Fig.6)

- There are 4 screws pre-installed on the mounting bracket:
  - Loosen two canopy screws with star washer (2) by half thread from the mounting bracket. (For L-shape slot on canopy to be mounted).
  - Loosen two canopy screws (1) and remove from the mounting bracket.
- Lift the hanging canopy of the fan assembly up to the mounting bracket and let the L-shape slot on the hanging canopy go through the two canopy screws with star washer (2).
- Turn the hanging canopy until it locks in place at the end section of the L-shape slot, ensure the star washer are between the hanging canopy (3) and screw head. Secure it by tightening the two canopy screws with star washer (2).
- Secure and tighten the canopy screws (1) to the mounting bracket. The hanging canopy (3) shall have 4 screws (1) & (2) in total. Avoid damaging the electrical wiring prepared previously when hanging the canopy.
- Align the arrow mark (4) on the hook surface of the motor housing (5) up to the screws (2) of hanging canopy (3).
- Finally attach the motor housing (5) to the mounting bracket, secure it by pushing the hooks of the motor housing into the slot holes of the hanging canopy and turn it anti clockwise.



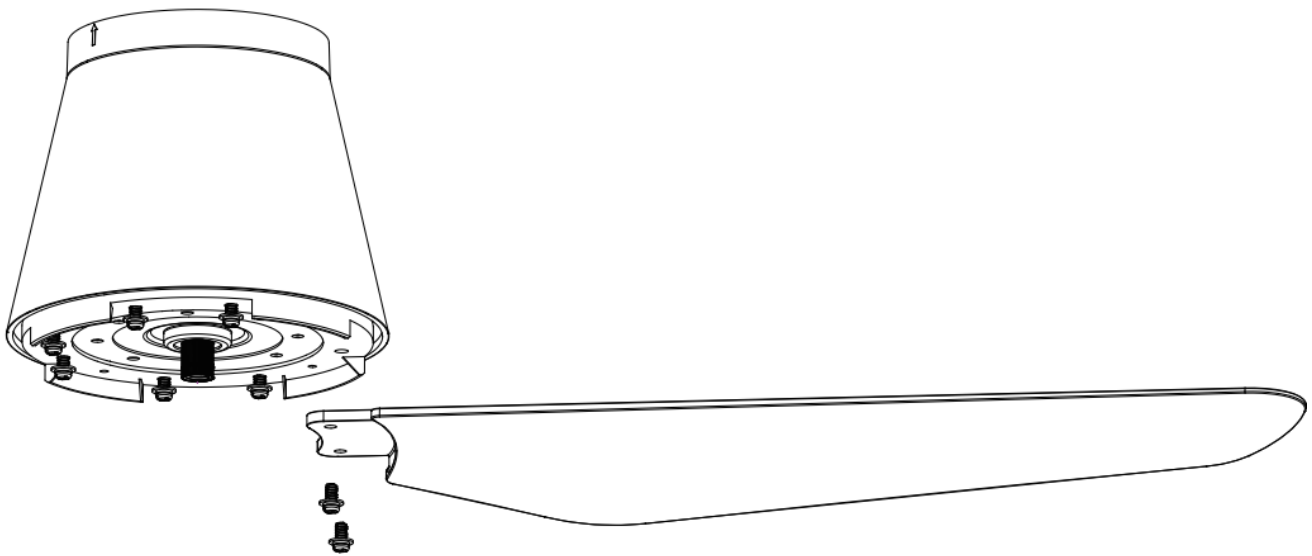
**Fig. 6**



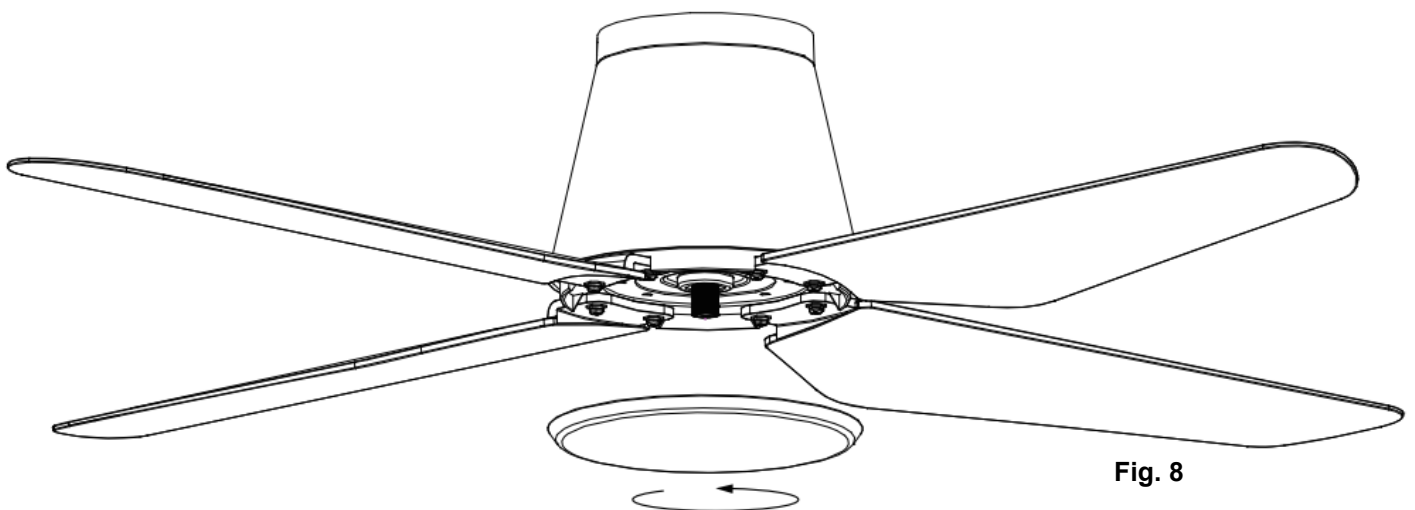


**INSTALLING THE FAN BLADE AND LIGHT KIT****BLADE ATTACHMENT (Fig.7)**

1. Before installing the blades, remove the blade screws and flat washers from the bottom of the fan motor.
2. Align the 2 holes on the blade with the 2 holes on the rotating member of the fan motor assembly and using the 2 blade screws and flat washers in step 1, to secure the blade to the fan motor assembly. Ensure all screws are tightened evenly to reduce the chance of warping or unbalancing. Take care not to over tighten the screws, as this can damage the blades.
3. Once completed, repeat the process on the remaining blades.

**Fig. 7****INSTALLING THE BOTTOM COVER ( Fig.8)**

Secure the bottom cover to the fan by turning it clockwise.

**Fig. 8**

**INSTALLATION OF THE REMOTE CONTROL HOLDER (Fig. 9)**

1. Locate a suitable wall to fix the remote control holder with the 2 screws. (Fig.9a).
2. Slide the remote into the holder to rest the remote. (Fig. 9b)

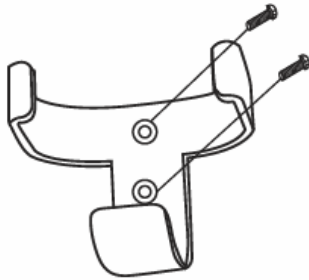


Fig. 9a



Fig. 9b

**USING YOUR CEILING FAN**


**NOTE:** The remote and receiver will need to be paired after the installation of the ceiling fan.

**NOTE:** When two or more ceiling fans are installed in one location, please refer to the instruction on the next page.

**PAIRING REMOTE & RECEIVER – WHEN 1 DC CEILING FAN IS INSTALLED IN ONE LOCATION**

**NOTE:** Ensure that you have installed a single pole disconnection switch in the fixed wiring for the fan.

**NOTE:** Ensure power to the receiver is ON prior to pairing the remote with the receiver.

- Turn OFF the mains supply to the fan by on/off wall switch.
- Install the batteries into the remote. Please make sure the polarity of the battery is correct.
- Turn ON the power to the receiver.
- Press and hold the  button on the remote for 3-5 seconds within 30 seconds of switching the power ON to the receiver of the ceiling fan.
- There will be a notification 'beep' sound from the receiver to indicate that the pairing process is successful.
- Turn ON the fan and change the speed of the ceiling fan via the remote to check the operation and successful pairing.
- If pairing has been unsuccessful, repeat these set of steps again




**PAIRING REMOTE AND RECEIVER – WHEN 2 OR MORE DC CEILING FANS ARE INSTALLED IN ONE LOCATION**

When two or more ceiling fans are located near each other, you may desire to have the remote/receiver for each fan paired so that the operation of one fan does not affect the operation of the other fans.


**NOTE:** Ensure that you have installed a single pole disconnection switch in the fixed wiring for each fan.

**NOTE:** Ensure power to the Receiver is **ON** prior to pairing the remote with the receiver.

**Remote / Receiver pairing for ceiling fan 1:**

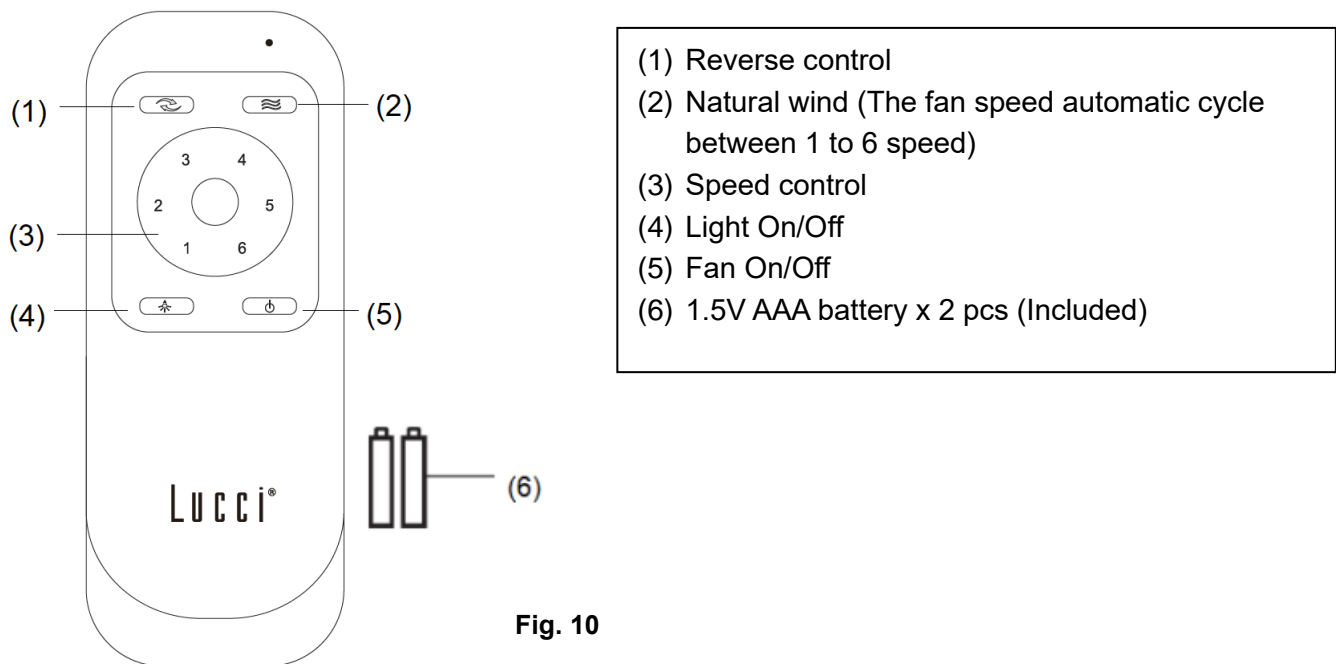
- Turn OFF the mains supply to the receivers of both ceiling fans 1 and 2.
- Install the batteries into the remote. Please make sure the polarity of the battery is correct.
- Turn ON the power to receiver 1. Keep the power OFF to receiver 2. (Each ceiling fan must have its own isolation switch, so that only the ceiling fan that needs to be paired with the remote will be ON).
- Press and hold the “” button of **remote 1** for 3-5 seconds within 30 seconds of switching the power ON to the receiver of ceiling fan 1.
- There will be a notification ‘beep’ sound from the receiver to indicate that the pairing process is successful.
- Turn ON the fan and change the speed of the ceiling fan 1 by the remote to check the operation and successful pairing.
- If pairing has been unsuccessful, repeat these set of steps again

**Remote / Receiver pairing for Ceiling fan 2:**

- Turn OFF the mains supply to the receivers of both ceiling fans 1 and 2.
- Install the batteries into the remote. Please make sure the polarity of the battery is correct.
- Turn ON the power to receiver 2. Keep the power OFF to receiver 1. (Each ceiling fan must have its own isolation switch, so that only the ceiling fan that needs to be paired with the transmitter will be ON).
- Press and hold the “” button of **remote 2** for 3-5 seconds within 30 seconds of switching the power ON to the receiver of ceiling fan 2.
- There will be a notification ‘beep’ sound from the receiver to indicate that the pairing process is successful.
- Turn ON the fan and change the speed of ceiling fan 2 by the remote to check the operation and successful pairing.
- If pairing has been unsuccessful, repeat these set of steps again



### REMOTE CONTROL (Fig. 10)



The remote has a memory function. If the fan is turned off by the isolating switch, the next time to turn on the fan will be on the last setting.

### REPAIRING THE REMOTE & RECEIVER PAIRING – WHEN 1 CEILING FAN IS INSTALLED

- If the remote and receiver lose control after installation or during use, the pairing of the remote and the receiver must be repaired.
- Below are the operating symptoms and the steps to repair the pairing of the remote and receiver.

#### Symptoms:

- Loss of control - Fan is only running at high speed after installation
- Loss of control - No reverse function after installation
- Loss of control - Remote cannot communicate with the receiver

#### Repairing Steps:

- Switch OFF the main power to the ceiling fan for 30 seconds.
- Switch ON the main power of the ceiling fan. Follow the same process as described in the 'Pairing remote & receiver' section to repair the pairing.
- Turn on and select the different speed of the ceiling fan to check the operation of the fan.



**AFTER INSTALLATION**

**NOTE:** Ceiling fans tend to move during operation due to the fact that they are mounted on a rubber grommet. If the fan was mounted rigidly to the ceiling it would cause excessive vibration. Movement of a few centimetres is quite acceptable and DOES NOT suggest any problem.

**TO REDUCE THE FAN WOBBLE:** Please check that all screws which fix the mounting bracket and down rod are secure.

**BALANCING KIT:** A balancing kit is provided to balance the ceiling fan on initial installation. Please refer to the instruction on how to use the balancing kit. The balancing kit can be used to assist re-balancing should the ceiling fan become un-balanced again. Store your balancing kit away after installation for future use if required.

**NOISE:**

When it is quiet (especially at night) you may hear occasional small noises. Slight power fluctuations and frequency signals superimposed in the electricity for off-peak hot water control, may cause a change in fan motor noise. This is normal. Please allow a 24-hour “settling-in” period, most noises associated with a new fan disappear during this time.

The manufacturer’s warranty covers actual faults that may develop and NOT minor complaints such as hearing the motor run – All electric motors are audible to some extent.

**CARE & CLEANING**

**NOTE:** Always turn OFF the power at the mains switch before performing any maintenance or attempting to clean your fan.

- Every 6 months periodic cleaning of your ceiling fan is the only maintenance required. Use a soft brush or lint free cloth to avoid scratching the paint finish. Please turn off electricity power when you do so.
- Do not soak or immerse your ceiling fan in the water or other liquids. It could damage the motor or the blades and create the possibility of an electrical shock.
- Ensure that the fan does not come in contact with any organic solvents or cleaners.
- To clean the fan blade, wipe with only a damp clean cloth with NO organic solvents or cleaners.
- The motor has a permanently lubricated ball bearing so there is no need to oil.

**SAFETY PRECAUTIONS FOR BATTERY**

- **WARNING** – Keep new and used batteries away from children.
- **CAUTION** – Do not ingest battery—Chemical burn hazard.
- Always use 2 x AAA battery type with this ceiling fan remote controller.
- Ensure the batteries are inserted with the correct polarity.
- To prevent false operation during battery insertion or replacement, this ceiling fan must be disconnected from the supply mains.
- non-rechargeable batteries are not to be recharged;



- different types of batteries or new and used batteries are not to be mixed;
- the supply terminals are not to be short-circuited.
- Remove batteries from the product when not in use for long periods of time.
- Batteries must be removed from the remote transmitter before it is discarded.
- Dispose of exhausted batteries immediately and safely (so they cannot be retrieved by children). Batteries can still be dangerous. Contact your local council to safely dispose of the battery.
- Regularly check the product and make sure the battery box lid is correctly secured. If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention. If you suspect your child has swallowed or inserted a button battery, immediately call the 24-hour Poisons Information Centre on **13 11 26** for fast, expert advice.
- Battery Leaks: Battery contains chemicals and should be treated as any chemical would. Take precautions when handling leaked battery chemicals. Battery chemicals should not be placed near the eyes or ingested. Contact Poisons Information Centre on **13 11 26** for fast, expert advice.

## TECHNICAL INFORMATION

Fan	48" ARIA DC CTC fan without light	52" ARIA DC CTC fan without light
Fan Models	SKU# 213112 / SKU#213145	SKU# 213131 /SKU#213147
Rated Voltage	220-240V~ 50Hz	
Rated Wattage (Motor)	30W	
Rated wattage (Lamp)	N/A	
Battery for remote	2 x AAA (Included)	
Weight	3.9kg	4.0kg
Canopy Dimensions	H:95mm Dia:130mm	



## LUCCI CEILING FAN WARRANTY DETAIL

### LUCCI FAN WARRANTY CONTACT INFORMATION:

Online Warranty Form: <https://www.beaconlighting.com.au/warranty-claims>

Email: [warranty@beaconlighting.com.au](mailto:warranty@beaconlighting.com.au)

Lucci Fan Warranty Hotline: (Free Call) 1800 602 243

### THIS WARRANTY IS VALID IN AUSTRALIA ONLY

In the event of service being required, please call the Lucci Fan Warranty Hotline on 1800 602 243 between 9am & 5pm (EST) Monday to Friday. Please make sure you have all the ceiling fan details filled out at the end of the manual before making the call.

Every Lucci ceiling fan is thoroughly inspected and tested before being released for sale. In addition to any warranty rights or conditions under statutory regulations, Lucci warrants all its ceiling fans against defective workmanship and faulty materials for two (2) years from the date of purchase. Following this, an additional seven (7) years motor replacement warranty applies. Lucci undertakes, at its option, to repair or replace, free of charge, each product or part thereof on condition that;

1. The fan or relevant part has not been subjected to misuse, neglect, or been involved in an accident.
2. The repairs are not required as a result of normal wear and tear.
3. The product was installed by a licensed electrical contractor.
4. A copy of the original receipt of purchase is presented.
5. 12 month warranty applies when used in any non-domestic applications.
6. This warranty does not cover stains, scratch and scuff marks, or dents if the product is purchased through a factory outlet or to refurbished items.

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

**Lucci Design cannot be held responsible for any repair other than those carried out by it or one of its Authorised Service Agents. Please keep this warranty information in a safe place. This information must be produced in the event of service being required.**

#### Distributed by:

Beacon Lighting

140 Fulton Drive

Derrimut, Victoria, 3026, Australia

Ph +613 9368 1000

Email: [warranty@beaconlighting.com.au](mailto:warranty@beaconlighting.com.au)





## CEILING FAN WARRANTY INFORMATION

### LUCCI FAN WARRANTY CONTACT INFORMATION:

Online Warranty Form: <https://www.beaconlighting.com.au/warranty-claims>

Email: [warranty@beaconlighting.com.au](mailto:warranty@beaconlighting.com.au)

Lucci Fan Warranty Hotline: (Free Call) 1800 602 243

Complete and retain this form for your personal records and warranty purposes.

NAME.....

ADDRESS.....

.....POSTCODE.....

MODEL NUMBER.....

(PO# + DATECODE Sticker here)

PO NUMBER or DATECODE .....

DATE OF PURCHASE.....

INSTALLING LICENSED ELECTRICIAN.....

LICENCE No.....

ATTACH PROOF OF PURCHASE HERE

THIS COMPLETED DETAIL PAGE SHOULD BE PRODUCED AND SENT TO THE WHOLESALE OR THEIR AUTHORISED AGENTS BEFORE OBTAINING WARRANTY SERVICE

