

Breeze

AC

Installation Manual

CEILING FAN INSTRUCTION BOOKLET

Thank you for purchasing your Fanco Breeze AC Ceiling Fan.
Please read all instructions carefully before assembly and use.

IMPORTANT SAFEGUARDS:

Read all instructions carefully, even if you feel you are quite familiar with this type of appliance. When using electrical appliances, in order to reduce the risk of fire, electric shock, and/or injury, these basic safety precautions should always be followed:

1. All wiring must be done by a licenced electrician as on-site warranty may be voided if proof cannot be provided. This ceiling fan **MUST** be installed by a Qualified Electrical Contractor in accordance with the local regulations, and all local, state and national electrical codes. Any alterations or additions to building wiring must be completed by a licensed electrical contractor, or person authorised by legislation to work on the fixed wiring of any electrical installation.
2. The fan must be connected to a 240V AC 50Hz power supply.
3. All electrical work 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.
4. The fan must be earthed.
5. The fan must be installed so that the blades are at least 2.1 metres above the floor.
6. The ceiling fan weight is max. 9 kg. The structure that the ceiling fan is mounted to must be solid (e.g., concrete ceiling, steel structure or timber frame) capable of supporting a weight of 45kg and **MUST** be (securely fastened using appropriate fixings) nailed between beams if the timber option is required. This is to ensure the fixing must be able to support the moving weight of the fan and must not twist or work loose.
7. For optimal performance, ensure installation site allows sufficient clearance (minimum 500mm) between the blades and wall or other object present (ex. beams) and sufficient clearance (minimum 600mm) between the ceiling and the top of blades from the highest point of pitch. Insufficient clearance between the blade tip and wall or ceiling, may cause undesired effects such as wobbling or reduced airflow, which is not covered under warranty. The bigger the clearance, the better the airflow output.
8. This product can be installed in a position where it is covered and enclosed by 3 walls ideally (including alfresco areas) and there is a minimum clearance of 1.5m from the blade tip to all edges of the roof or unprotected points or positions which could be exposed to water, moisture or other dangerous external elements (including excessive wind, direct heat and hail). Damage or mechanical failure due to exposure to these elements are not covered by warranty as it would not be deemed a product fault.
9. **DO NOT** connect the fan motor to a dimmer switch. This may give an unsatisfactory performance (motor hum) and cause damage to the motor and/or controller. Use **ONLY** the provided remote control.
10. This appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they **DO NOT** play with the appliance.
11. It is **NOT** recommended that ceiling fans and gas appliances be operated in the same room at the same time.
12. The fan must be turned off and stopped completely before reversing the fan direction. This will prevent any damage to the motor of the fan or controller.
13. Do not insert anything into the fan blades whilst they are spinning. This will damage the blades and upset the balance of the fan causing the unit to wobble.
14. After the fan is completely installed make sure that all base and fan blade fixings are secured and tightened to prevent any problems.

15. Because of the fan's natural movement, some connections may loosen. Check the support connections, brackets and blade attachments twice a year to make sure they remain secured. If any are loose, tighten.
16. If unusual oscillating movement is observed, immediately stop using the ceiling fan and contact the manufacturer, its service agent or suitably qualified persons.
17. The replacement of parts of the safety suspension system device shall be performed by the manufacturer, its service agent or suitably qualified persons.
18. If it is necessary to replace the live or neutral brushes to ensure operation of the motor then both brushes and the earth brush shall be replaced at the same time. The brushes shall only be replaced by a suitably qualified person.
19. A local isolation switch is to be installed into the supply of each ceiling fan with remote operation to ensure that the installation meets all Australian wiring rules and standards. This can take the form of a light switch in the same room. Furthermore, any electrical circuit that a fan is connected to must be protected by a Safety switch.
20. The light source in light kit is not replaceable; when the light source reaches its end of life the whole light kit shall be replaced by the manufacturer, their service agent or a qualified person.
21. The max operating temperature for the fan is 40°C. Installation of the ceiling fan in close proximity to localised heat sources such as an oven, fire place, heater or exposed to direct sunlight can damage the fan and will void the warranty.
22. Reasonable 'wear and tear' is not covered under warranty. For comprehensive warranty terms & conditions visit fanco.com.au

IMPORTANT NOTE:

The important safeguards and instructions given in this manual are not meant to cover all possible conditions and situations that may occur. It must be understood that common sense, caution and care are factors which cannot be built into any product.

FAULT FINDER:

Always check the "Trouble Shooting Checklist" included in this manual before seeking a warranty claim.

A mechanical noise may be noticed on installation. Allow at least 8 hours settling-in period.

Some fans may wobble more than others, even if they are identical. This does not necessarily indicate a fault.

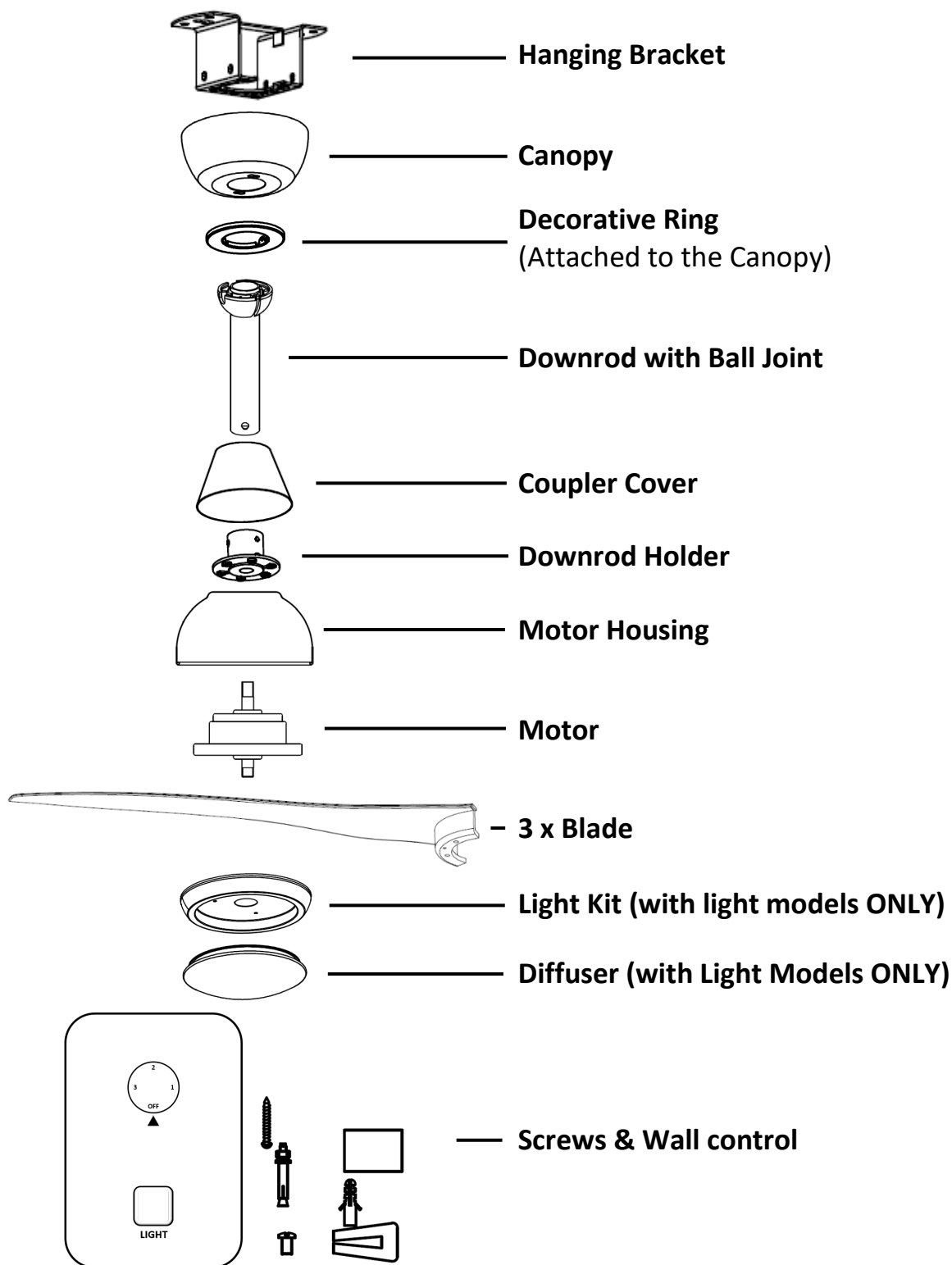
PREPARATION:

1. Unpack your ceiling fan carefully, then remove all parts and components, and lay on a cloth or soft surface to avoid damage.

DO NOT lay the motor housing on its side as the housing may get damaged.

2. Before commencing installation, check that all parts are included.

NOTE: You may need to remove all foam packaging material to ensure there are no missing parts.



INSTALLATION AND ASSEMBLY:

CAUTION! Before installing the fan make sure you have turned **OFF** the electricity supply.

SELECTING A LOCATION:

1. Choose a location for mounting the fan where the blades will have at least 2.1 metres of clearance from the floor.
2. Make sure that the installation site will not allow the rotating fan blades to come into contact with any object and that there is enough space from the blade tip to the wall or ceiling. Please note that insufficient clearance distances might cause wobbling and the bigger this clearance is the better the airflow from your fan will be.
3. Secure the hanging bracket to the ceiling joist or suitable structure that is capable of carrying a load of at least 45kg, with the two long fixing screws provided. Ensure that at least 30mm of the screw is threaded into the support.

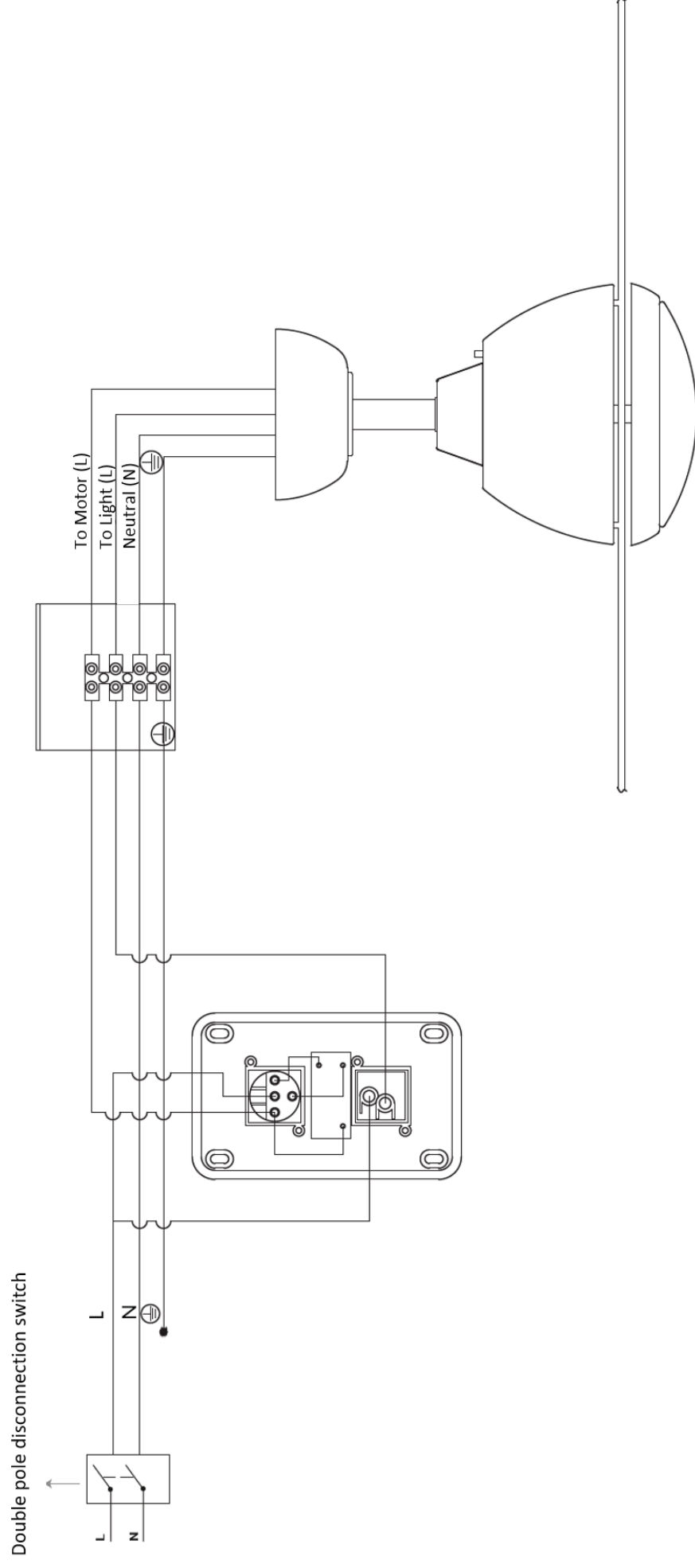
NOTE: The fixing screws included are designed for use when ceiling fan is secured onto timber joists. For all other surfaces, additional and suitable fixing screws for that surface will need to be purchased.

4. This product can be installed in a position where it is covered or enclosed alfresco areas and there is a minimum clearance of 1.50m from the blade tip to all edges of the roof or positions where could be exposed to water, moisture or other dangerous external elements.
5. Wear and tear, including exposure from the elements, is not covered under warranty.
6. Vigorous cleaning or rough handling of the fan may cause threaded components to work loose or the blades to become unbalanced which may cause the fan to wobble or may result in additional noise over time. It is normal for a fan to develop minor noise over time dependent on its level of use and maintenance provided. These issues can be reduced through slight internal adjustments by your electrician. **THEY ARE NOT COVERED UNDER WARRANTY.** However, proper care and maintenance of the fan can reduce or prevent issues.

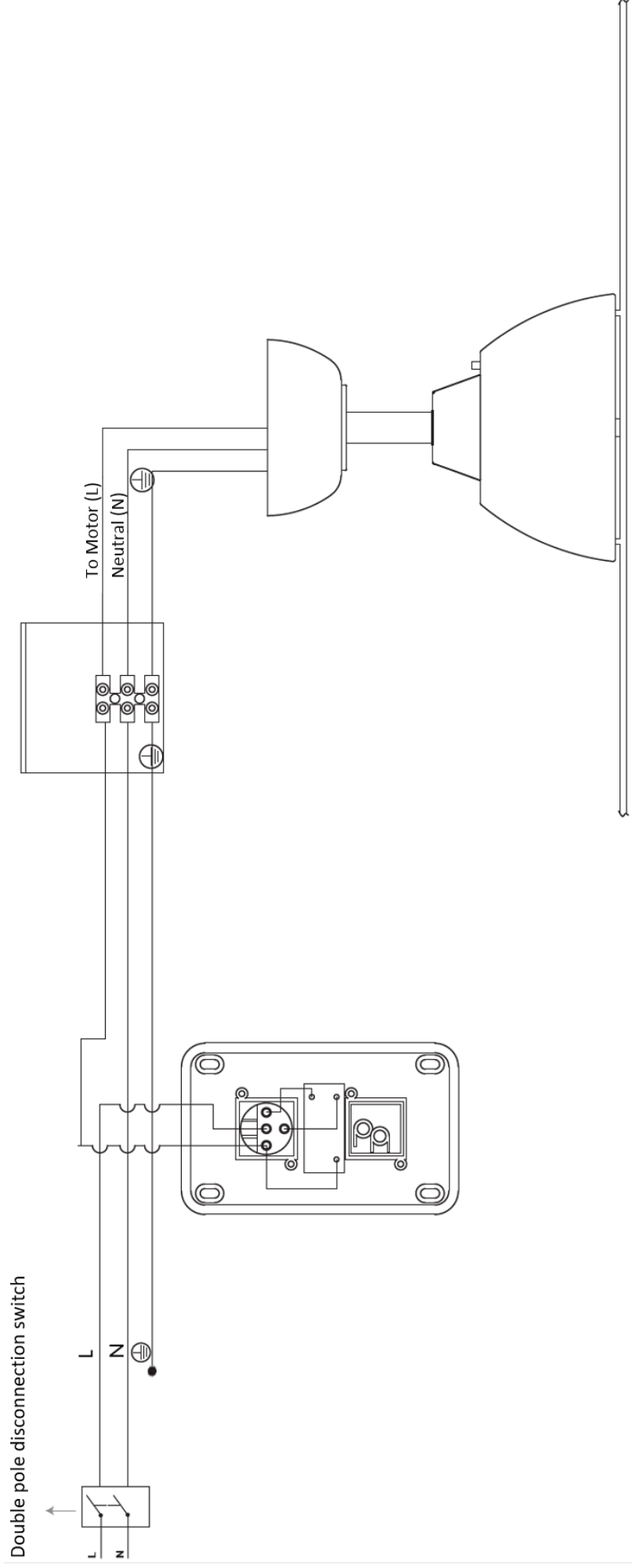
ELECTRICAL CONNECTIONS

Ensure the power is **OFF** when installing this fan.

WIRING DIAGRAM - LED LIGHT



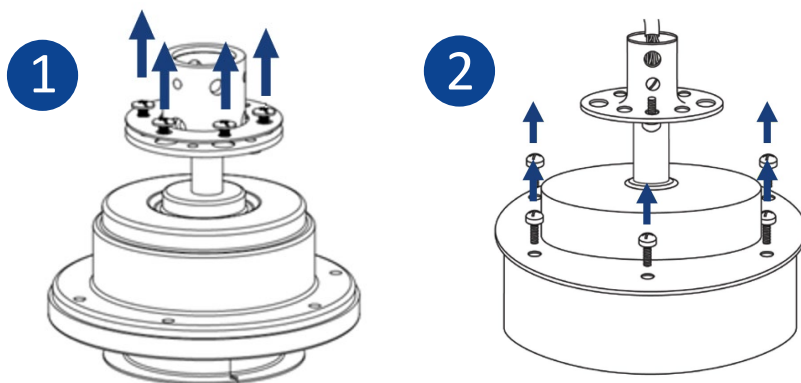
WIRING DIAGRAM - NO LIGHT



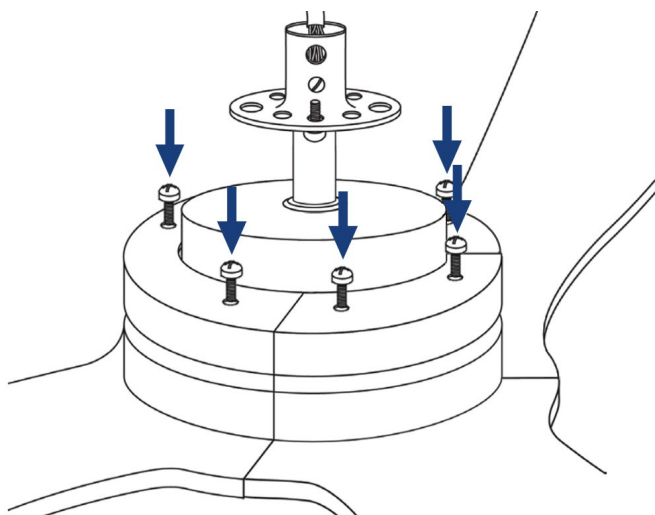
INSTALLATION STEPS

Ensure the power is **OFF** when installing this fan.

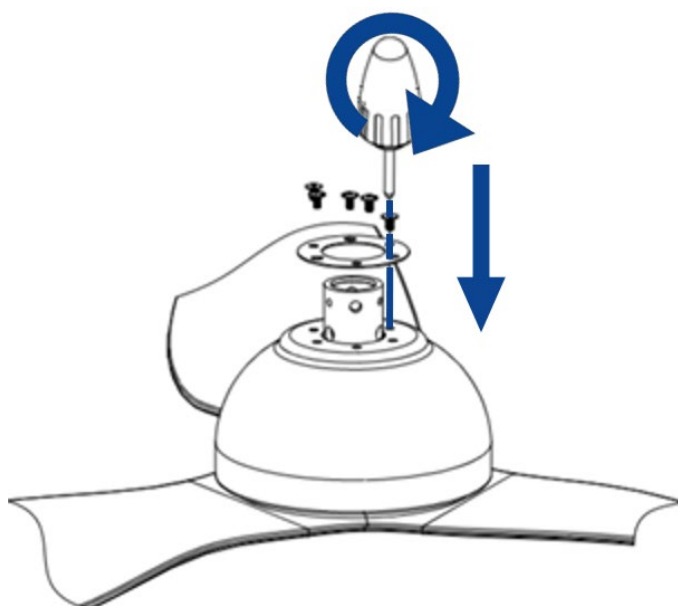
1. Remove 6 screws and plate washer from downrod holder.
2. Remove 6 blade screws from the motor housing.



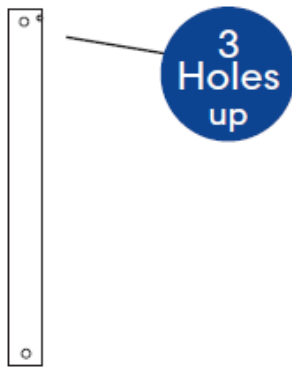
3. Align the blades with screw holes on the motor housing and secure with the 6 screws.



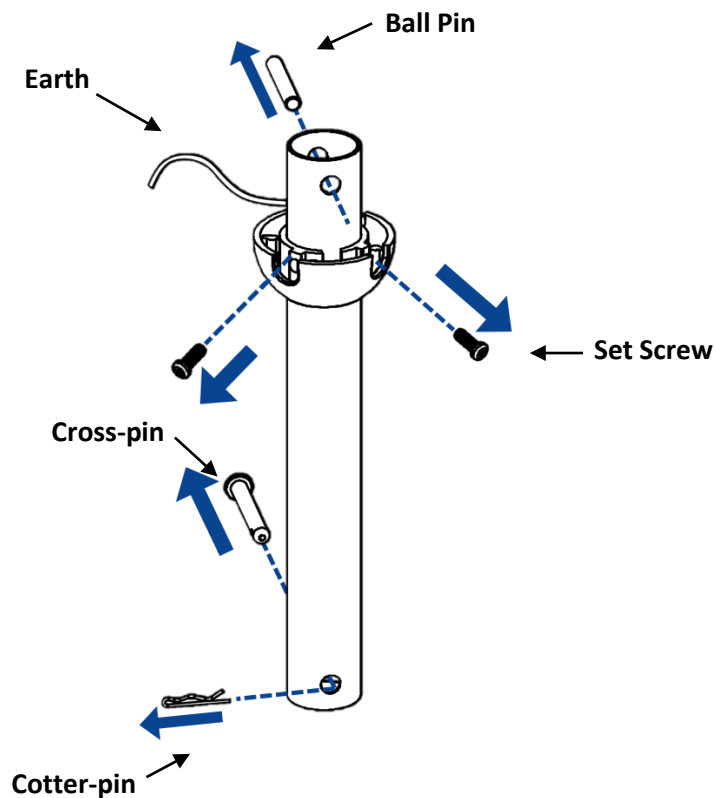
4. Take off side screws from downrod holder. Put the motor housing and plate washer on downrod holder and secure it with 6 screws.



5. This fan comes with two rod options for installation - 125mm and 250mm. Select a rod to install (ensuring your fan is above the 2.1m required height). The rod installs with the 3 holes up (closest to the roof).



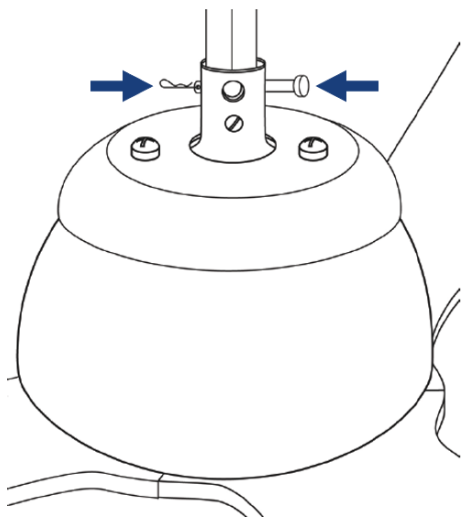
6. Remove cotter-pin and cross-pin from the bottom of the downrod. At the top of the rod loosen the two set screws and remove ball pin. Ensure all pieces are carefully put aside.



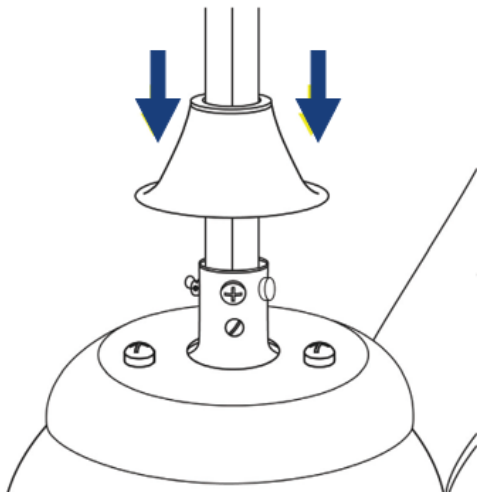
7. Feed the main motor wire and light wire plug (light models only) up through the inside of the downrod, then insert the downrod into the downrod holder. Gently push the cross-pin through the holes aligned with the base of the downrod holder and downrod.

CAUTION: DO NOT force the cross-pin, gently wiggle and rotate it until it glides through both holes.

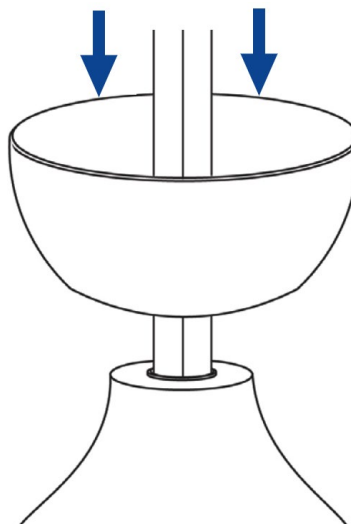
8. Place the cotter-pin on the other side of the cross-pin to secure the downrod to the downrod holder. Put back on side screws and tighten up to make the downrod rigid in the downrod holder.



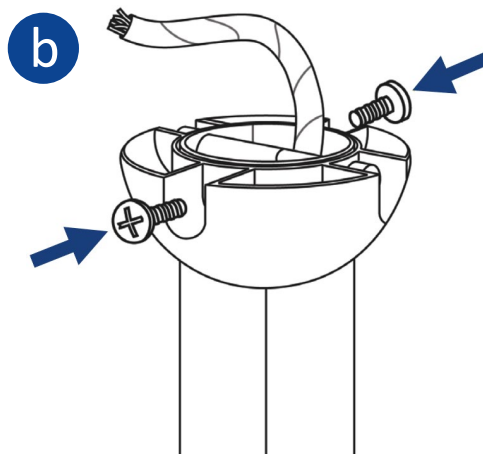
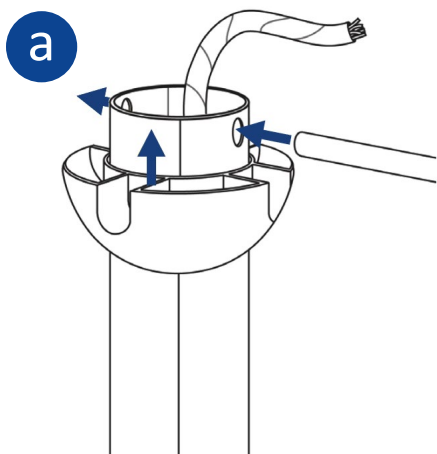
9. Snuggle the coupling cover down onto the top of the motor housing.
CAUTION: DO NOT remove the rubber gasket on top of the coupling cover.



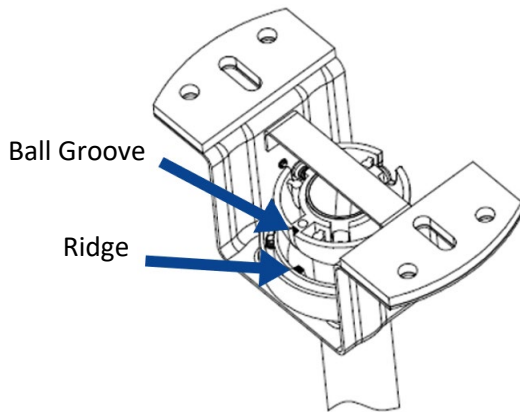
10. Put the down rod through the decorative ring and canopy.



11. Place the hanging ball on top of the down rod and secure it with the ball pin and two screws.
CAUTION: Secure one screw through holes on the hanging ball and the down rod.



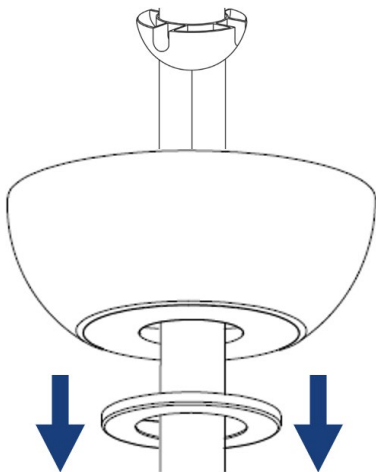
12. Hang the fan into hanging bracket. Align ball groove on hanging ball with ridge on hanging bracket. Ensure hanging ball sitting into hanging bracket correctly. If fan doesn't sit properly, hold the downrod and twist it until fan has been secured into hanging bracket.



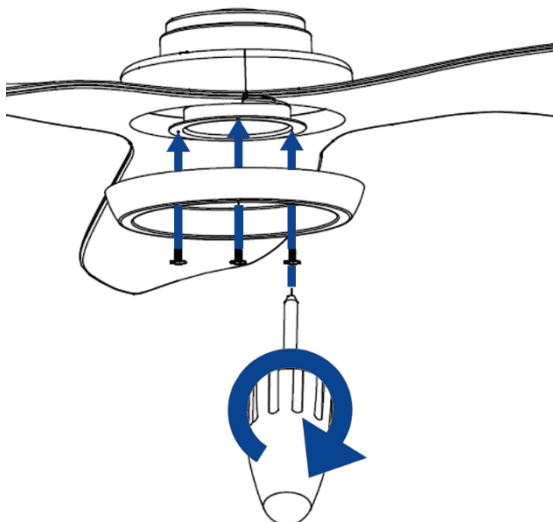
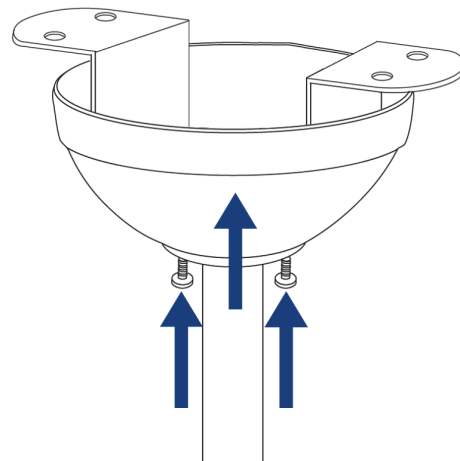
13. Connect power and the fan as electrical wiring diagram.

IMPORTANT: The fan must be earthed! Double pole disconnection switch and wall switch must be connected.

14. Remove the decorative ring from the canopy (if attached).



15. Place the canopy over the bracket, align the canopy holes with the screws and tighten. Clip it in to secure it onto the canopy.



MODELS WITH LIGHT

- Take off 3 screws on light kit fixing plate.
- Align the light kit with screw holes on motor housing, and secure with the screws.
- Connect the push plug wire attached on the light kit with the push plug attached to the motor.
- Line the diffuser up with the bottom of the motor and rotate clockwise until it locks securely into place.

CARE & CLEANING:

- Periodic cleaning (approximately every 6 months) of your ceiling fan is the only maintenance required.
- Use a soft brush or lint free cloth to avoid scratching the finish. Please turn off electricity when you do so.
- Do not use water when cleaning your ceiling fan. It could damage the motor or the blades and create the possibility of an electrical shock.
- The motor has a permanently lubricated ball bearing and as such, is maintenance free.

NOISE:

The manufacturer warranty covers actual faults that may develop, but NOT minor complaints, e.g. motor operation noise - **ALL ELECTRIC MOTORS ARE AUDIBLE TO SOME EXTENT**; this is more obvious when the fan is operating at low speeds.

Signals sent through the power grid by the electricity supplier may cause intermittent noises in your product. These noises are not the result of a fault and filters to reduce this noise may be available at additional expense.

Clicking, ticking and creaking noises from fans are usually caused by the mounting bracket not being correctly attached or when blades screws are loose. Only use the hardware provided to install ceiling fans. If the mounting bracket is attached using counter-sunk screws it will work loose and cause unwanted noise and movement in your fan. Wooden bladed fans may need their blade screws periodically tightened. Unless a product is defective noise will not be rectified under warranty.

BLADE BALANCING:

Whilst every precaution is taken at the factory to ensure your fan is of the highest quality, imbalance may occur. This may be due to slight irregularities in the blades or material densities. Further problems can be caused by deviating from the correct installation instructions. See troubleshooting further below.

WOBBLE:

- Ceiling fans are designed to move during operation because they are not generally rigidly mounted
- Movement of a couple of centimetres is acceptable for safe operation.
- Balancing kits included should be used to adjust the balancing when first installed.

NORMAL WEAR AND TEAR:

Vigorous cleaning or rough handling of the fan may cause threaded components to work loose or blade carriers to bend. This may cause the fan to wobble or may result in additional noise over time. **THIS IS NOT COVERED UNDER WARRANTY**; however, proper care and maintenance of the fan can reduce or prevent this problem.

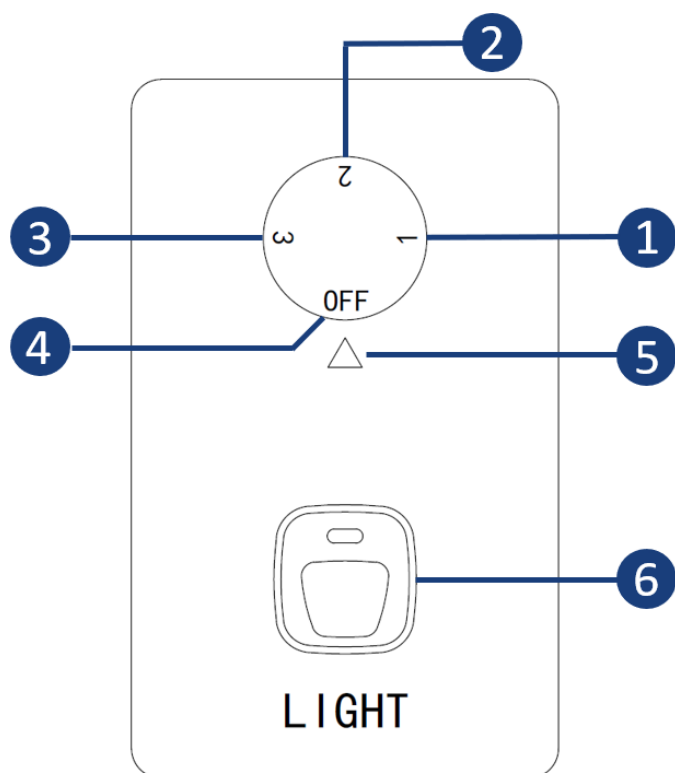
REVERSE FUNCTION:

The "Summer/Winter" reverse function is included to make the fan rotate in an anti-clockwise direction during summer.

In winter, this can be reversed, so that the blades now move in a clockwise direction.

Adjust "Forward/Reverse" button on the motor housing to change "Summer/Winter" mode.

FUNCTIONS OF THE WALL CONTROL:



- 1 Fan Speed - High
- 2 Fan Speed - Medium
- 3 Fan Speed - Low
- 4 Fan Speed - OFF
- 5 Current Speed Indicator
- 6 Light ON/OFF
To switch between light colours (Warm, Natural, Cool), simply switch the light OFF and ON again within 3 seconds.

To turn the fan ON/OFF or to change fan speeds, simply turn the Speed Dial clockwise or anticlockwise to the desired speed. The speed is noted by the Current Speed Indicator.

TROUBLESHOOTING:

Issue	Possible Cause	Suggested Remedy
Fan does not start	Loose wire connections or plugs to fan/receiver	Check wire connections and ensure plugs are positively connected
	No power goes into the fan	Check RCD/Switch board and wiring on premises
Fan with remote keeps beeping, but will not start	Loose wire connections or plugs to fan/receiver	Check wire connections and ensure plugs are positively connected
Fan wobbles	Screws on downrod are not tightened	Retighten the screws on down rod
	Blades are not balanced	Use the balancing kit to balance the blades
	Blades are not tightened	Check all the blades are firmly tightened onto the motor
	Hanger bracket is not firmly in place.	Changing over two adjacent blades - may correct any imbalance causing wobble
	The downrod is not firmly locked in.	Check the hanger bracket and adjust as necessary. The hanger bracket must always be tight against the ceiling so that movement can occur
Fan makes clicking sound	Coupling cover does not sit securely on motor housing	Make sure the downrod is firmly locked into the hanger ball on top of the fan. The locking screw should be securely tightened
	Rubber ring on coupling cover is removed	Adjust coupling cover and ensure it sits properly on the motor housing
		Check coupling cover and ensure there's a rubber ring on the top of the cover

Model Number	Rated Voltage	Motor Consumption	Rated Light Power
F0110/101A	220-240 VAC	Max. 65W	n/a
F0110/121A	220-240 VAC	Max. 65W	n/a
F0111/101A	220-240 VAC	Max. 65W	Max. 18W
F0111/121A	220-240 VAC	Max. 65W	Max. 18W
F0110/101B	220-240 VAC	Max. 45W	n/a
F0110/121B	220-240 VAC	Max. 45W	n/a
F0111/101B	220-240 VAC	Max. 45W	Max. 18W
F0111/121B	220-240 VAC	Max. 45W	Max. 18W
F0100/202A	220-240 VAC	Max. 70W	n/a
F0100/205A	220-240 VAC	Max. 70W	n/a
F0100/101A	220-240 VAC	Max. 70W	n/a
F0100/121A	220-240 VAC	Max. 70W	n/a
F0101/202A	220-240 VAC	Max. 70W	Max. 18W
F0101/205A	220-240 VAC	Max. 70W	Max. 18W
F0101/101A	220-240 VAC	Max. 70W	Max. 18W
F0101/121A	220-240 VAC	Max. 70W	Max. 18W
F0100/202B	220-240 VAC	Max. 45W	n/a
F0100/205B	220-240 VAC	Max. 45W	n/a
F0100/101B	220-240 VAC	Max. 45W	n/a
F0100/121B	220-240 VAC	Max. 45W	n/a
F0101/202B	220-240 VAC	Max. 45W	Max. 18W
F0101/205B	220-240 VAC	Max. 45W	Max. 18W
F0101/101B	220-240 VAC	Max. 45W	Max. 18W
F0101/121B	220-240 VAC	Max. 45W	Max. 18W

fanco●