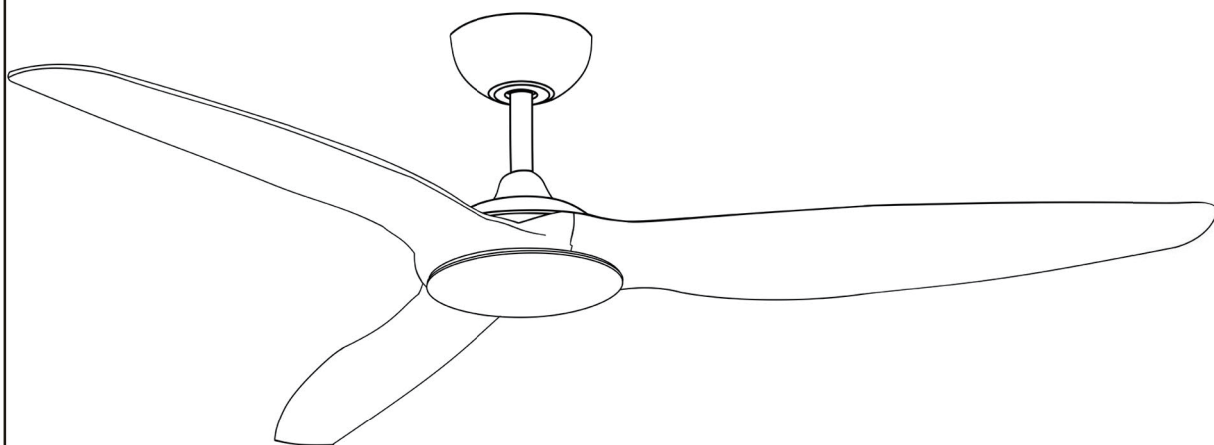


The Flume

60" / 152cm Ceiling Fan



AC Series - Polymer blades

Recommended for living and family rooms.

Model No. FLU60**

OWNER'S MANUAL

READ AND SAVE THESE INSTRUCTIONS

ThreeSixty Fans

Fan Technology that's Innovative and Reliable

ThreeSixty Fans is proud of its range of ceiling fans, accessories and lighting products. We believe these are the best products in their category, reflecting over 30 years collective Australian experience in design, development, manufacturing and distribution of electronics and electrical equipment.

The Flume AC series is a decorator style AC motor ceiling fan intended to operate for long periods and provide very strong airflow directly beneath it. The Flume is optimised for use in living rooms and family rooms.

Distinctly different, Flume caters for a variety of climates and the AC motor is efficient and ultra-reliable.

Our manufacturing is subject to strict quality control and we back our products with a plain-English warranty. We guarantee any problem caused by a fault in the product will be fixed quickly and with the least inconvenience.

We welcome feedback and suggestions. By listening to our customers we aim to continuously improve our products and services.

Important Safety Instructions

WARNING: To avoid fire, shock and serious personal injury, follow these instructions.

1. Read your owner's manual and safety information before installing your new fan. Review the accompanying assembly diagrams.
2. Before servicing or cleaning unit, switch power off at service panel and lock service panel disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a warning device, such as a tag, to the service panel.
3. Be careful of the fan and blades when cleaning, painting, or working near the fan. Always turn off the power to the ceiling fan before servicing.
4. Do not insert anything into the fan blades while the fan is operating.
5. Do not operate reversing switch (if fitted) until fan blades have come to a complete stop.
6. Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.
7. Contact your local government for information regarding the collection systems available.
8. If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being.
9. 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.
10. Children should be supervised to ensure that they do not play with the appliance.

Additional Safety Instructions

1. To avoid possible shock, be sure electricity is turned off at the fuse box before wiring, and do not operate fan without blades.
2. All wiring and installation procedures must comply with AS/NZS 3000 Wiring Rules and any local regulations. The ceiling fan must be earthed as a precaution against possible electrical shock. Electrical installation must be made by a licensed electrician.
3. The fan base must be securely mounted and capable of reliably supporting at least 27kg. See page 4 of owner's manual for support requirements.
4. The fan must be mounted with the fan blades more than 2.1 meters from the floor to prevent accidental contact with the fan blades.
5. Follow the recommended instructions for the proper method of wiring this ceiling fan.
6. This fan is not suitable for use with solid state controllers.
7. If unusual oscillating movement is observed, immediately stop using the ceiling fan and contact the manufacturer, its service agent or suitably qualified persons.
8. That the mounting of the suspension system shall be performed by the manufacturer, its service agent or suitably qualified persons.

WARNING: This product is designed to use only those parts supplied with this product and/or accessories designated specifically for use with this product. Using parts and/or accessories not designated for use with this product will void your warranty and could result in personal injury or property damage.

WARNING: To reduce the risk of personal injury, do not bend the blade bracket (flange or blade holder) when installing the brackets, balancing the blades, or cleaning the fan. Do not insert foreign objects in between rotating fan blades.

WARNING: This fan **MUST** be installed with an easily accessible isolating device to disconnect all poles of the fan from the main supply. The contact distance in all pole must be 3mm minimum.



**MUST BE INSTALLED
BY A LICENSED
ELECTRICIAN**

Electricians and Installers

We are here to help you. Please call our support line if you have any questions or need assistance with installing or wiring the product.

Customers and Purchasers

Please call us if you have any questions about your fan or would like advice on the best ways to use your fan to save energy.

ThreeSixty Support and Information Line - 1300 469 326

This manual is designed to make it as easy as possible to assemble, install, operate, and maintain this ceiling fan

Tools Needed for Assembly

- One Phillips head screwdriver
- One small blade screwdriver
- One stepladder
- One wire stripper

⚠ WARNING

Electrical work can only be done by a licensed electrician.

Materials

Wiring and connectors must be of types and sizes required by the wiring rules (AS/NZS3000) and Type Approved (safety approved) if required.

⚠ WARNING

This fan must be connected to an earthing conductor.

Unpacking Instructions

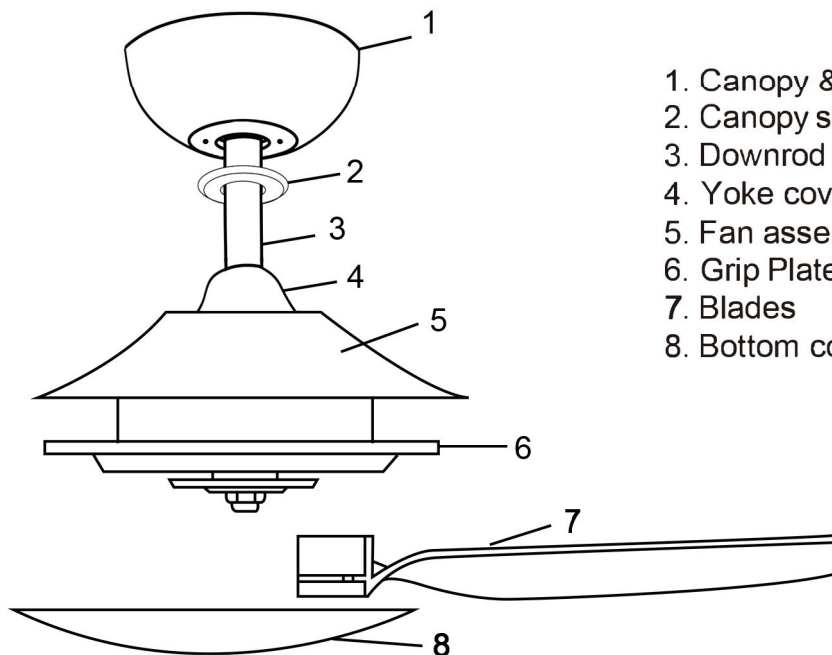
TOOLS AND MATERIALS REQUIRED

1. Phillips screwdriver
2. Blade screwdriver
3. 11mm wrench
4. Step ladder
5. Wire cutters



PACKAGE CONTENTS

Unpack your fan and check the contents.
You should have the following items:



1. Canopy & Mounting Bracket
2. Canopy screw cover
3. Downrod
4. Yoke cover
5. Fan assembly
6. Grip Plate
7. Blades
8. Bottom cover

Please Note:

Wall Switch and Ceiling Hanger Bracket are not shown in the diagram but are included with your ceiling fan.

Before starting the assembly and installation of your fan, please ensure the safety precautions have been read and understood.

Energy Efficient Use of Ceiling Fans

Ceiling fan performance and energy savings rely heavily on the proper installation and use of the ceiling fan. Here are a few tips to ensure efficient product performance.

Choosing the Appropriate Mounting Location -

Ceiling fans should be installed, or mounted, in the middle of the room and more than 2.1 m above the floor and 50 cm from the walls. If ceiling height allows, install the fan 2.4-2.7 m above the floor for optimal airflow.

Turn Off When Not in the Room

Ceiling fans cool people, not rooms. If the room is unoccupied, turn off the ceiling fan to save energy.

Remember to adjust your air conditioner when using your ceiling fan-additional energy and dollar savings could be realized with this simple step!

Electrical and Structural Requirements

⚠ WARNING

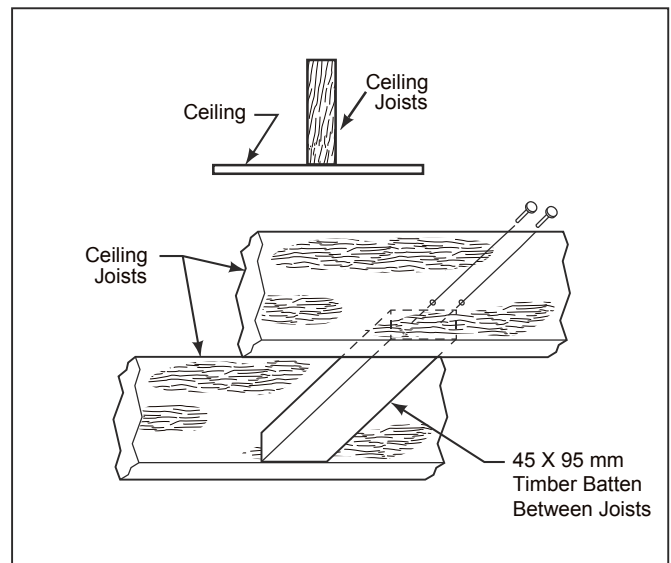
Electrical work can only be done by a licensed electrician.

⚠ WARNING

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. All wiring must be in accordance with AS/NZS 3000 "The Wiring Rules" and the ceiling fan must be properly grounded as a precaution against possible electrical shock.

This new ceiling fan requires an earthed electrical supply of 230-240 volts AC, 50 Hz circuit.

The bracket must be securely anchored and capable of supporting a load of least 28kg. If your fan is to replace an existing ceiling light fixture, turn electricity off at the main fuse box at this time, remove the existing light fixture and verify there is a suitable rafter or structural member in the positions for each screw.



Illustrates a typical structural configuration that may be used for securely mounting the fan.

NOTE: The stability and strength of the ceiling structure will influence safety and long term user satisfaction. If the structure is weak, flexes or drums this will make the fan wobble, hum or even work loose.

⚠ WARNING

NEVER USE SCREWS WITH ANGLED OR COUNTERSINKING HEADS
THESE WILL DAMAGE THE BRACKET AND MAKE THE FAN WOBBLE.
ONLY USE PAN HEAD SCREWS OR ROOFING TYPE SCREWS

How to Hang This Ceiling Fan

⚠ WARNING

To avoid possible fire or shock, be sure electricity is turned off at the main fuse box before wiring (Figure 1).

⚠ WARNING

The hanger bracket must be securely mounted and capable of supporting at least 28 kg. If bracket and/or timber batten are not securely attached, the fan could wobble or fall.

⚠ WARNING

The fan must be hung with more than 2.1m of clearance from floor to blades (Figure 2).

1. Drill a hole in the ceiling board and batten for wiring. Securely attach the hanger bracket to a rafter, beam or other structural support using pan head fasteners (for use with flat surfaces). Never use countersinking screws or those without flat contact to the bracket. (Figure 3)

2. Carefully lift the fan and seat the downrod/hanger ball assembly on the hanger bracket that was just attached to the timber batten. Be sure the groove in the ball is lined up with tab on the hanger bracket. (Figure 4)

⚠ WARNING

Failure to seat tab in groove could cause damage to electrical wires and possible shock or fire hazard.

⚠ WARNING

To avoid possible shock, do not pinch wires between the hanger ball assembly and the hanger bracket.

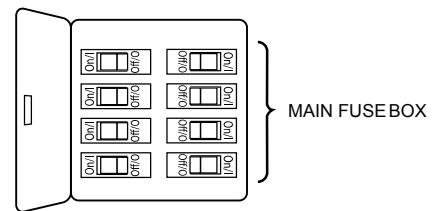


Figure 1

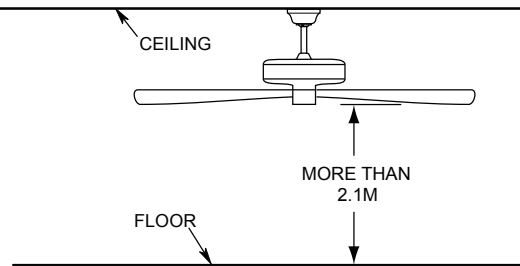


Figure 2

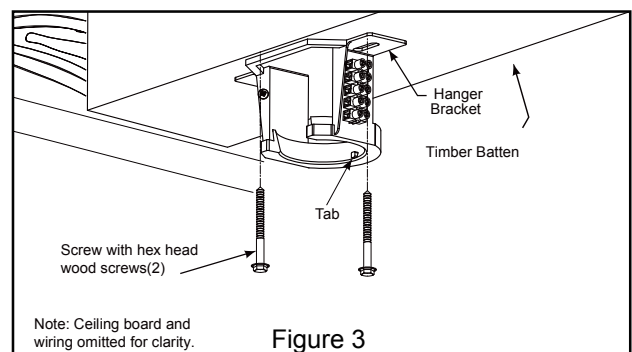


Figure 3

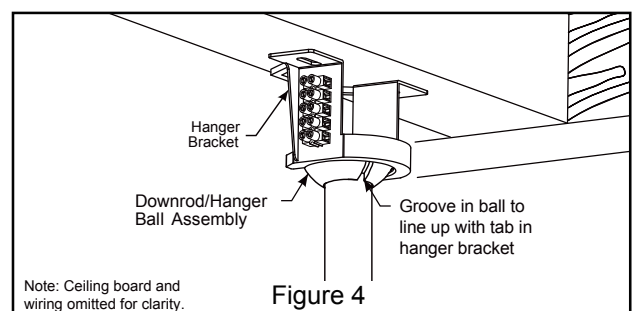


Figure 4

Ceiling Types and Mounting Methods

Ceilings may be constructed from a variety of materials. Some materials may not be suitable for mounting a ceiling fan, or the structure behind the ceiling may cause noise or movement in your fan.

Concrete ceilings that are covered with render or gap filler may not be smooth and the surface compound may not be sound enough to suspend a fan from. Make sure concrete anchors are set deep enough and when tightened the ceiling fan bracket is pulled tight against the ceiling. If the anchor pulls out slightly, before the bracket is sitting flush to the ceiling, the fan may wobble.

Plasterboard ceilings must be rigid and not have any movement. If the plasterboard sags or has any movement it could hum or drum, magnifying the noises made by most ceiling fans.

Foam sandwich ceiling panels require proper structural bracing to prevent ceiling fans from wobbling and making excessive noise.

In all cases the ceiling canopy must not touch the ceiling. There should be a gap of 2 mm (minimum) between the edge of the canopy and the ceiling. If necessary a thin shim or spacer may be needed between the the foot of the bracket and the ceiling to prevent the ceiling canopy touching the ceiling. Noise and vibration can be transmitted to the ceiling if the canopy touches the ceiling.

How to Wire This Ceiling Fan

⚠ WARNING

To avoid possible fire or shock, be sure electricity is turned off at the main fuse box before wiring.
(See Figure 1)

⚠ WARNING

Check to see that all connections are tight, including earth, and that no bare wire is visible at the wire connectors. Do not operate fan motor for long periods unless the blades are in place.

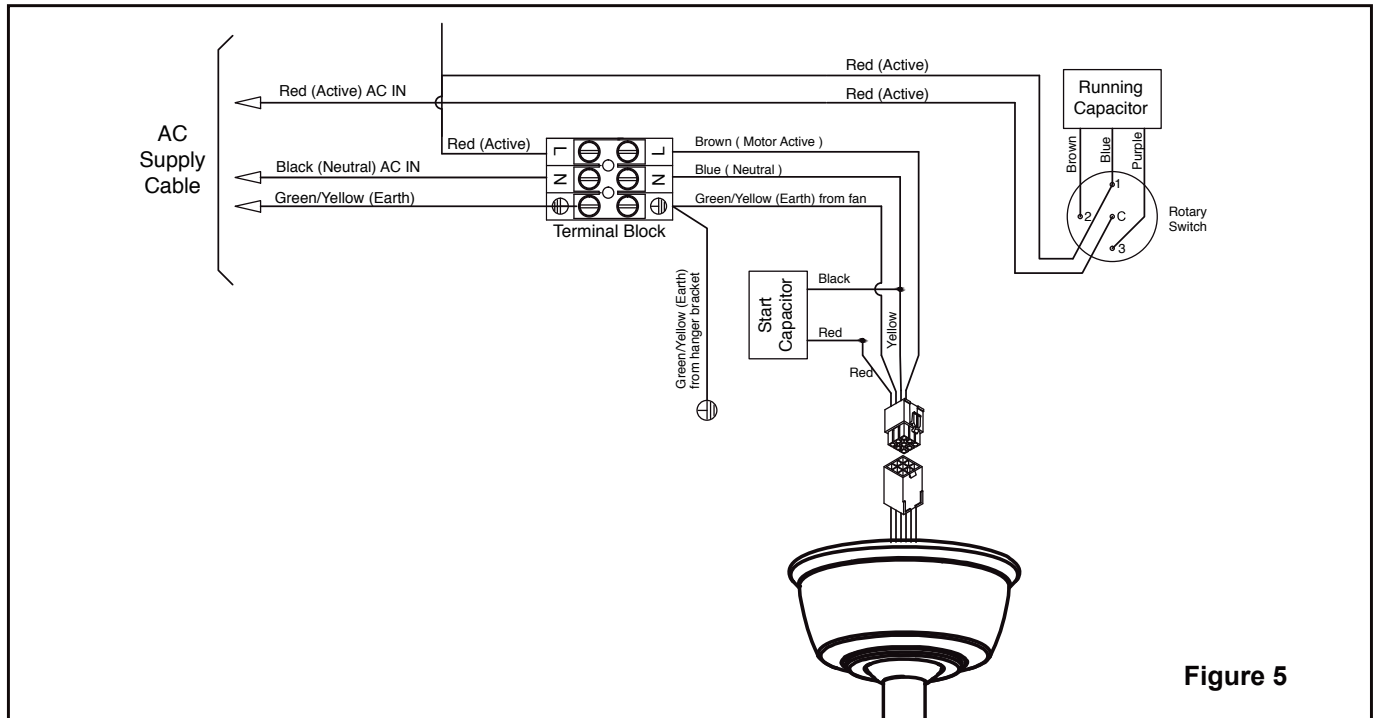


Figure 5

WIRING THIS CEILING FAN

1. Securely connect the green/yellow earth wires from the hanger ball and the hanger bracket and the supply green/yellow earth wire to the terminal block as shown in Figure 5.
2. Securely connect the the black supply neutral to the "N" terminal of the connector block as shown in Figure 5.
3. Securely connect the Red Supply Active wire to the "L" terminal on the connector block as shown in Figure 5.
4. Hang the fan into the ceiling bracket.
5. After connections have been made, carefully push wires into the recess above the fan hanging ball.

INSTALLING WALL CONTROL (ROTARY) SWITCH

1. With electrical power still disconnected, route fan supply wiring to desired location on wall.
2. Ensure wiring connections are as shown in Fig 5. The Active (Red) supply wire must be connected to terminal "C" on the rotary switch. Return switched wire to ceiling fan to be connected from terminal "1" on the rotary switch to "L" terminal on the connector block.
3. Fit the wall control (rotary) switch to a face plate (not supplied) and attach to wall.

INSTALLATION NOTE: The "O" and the small corner cut-out on the front of the switch mechanism must be at the top and top left respectively (See Figure 6).

Home automation and complex switching systems must ensure the active and neutral come from the same circuit to avoid problems with safety switches or shock hazards.

4. Restore electrical power by turning on the electricity on at the main fuse box.

5. Check the operation of the fan by rotating the control through the four positions marked 0 - III ("0" position is OFF) (Figure 6).

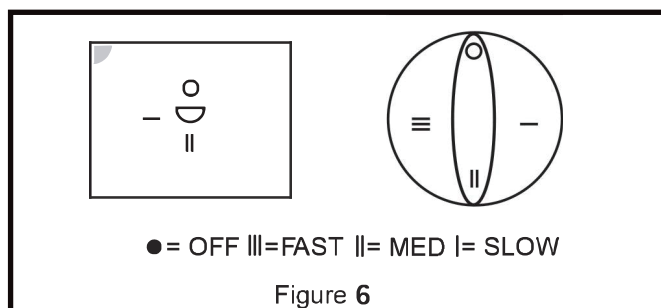


Figure 6

Installing the Canopy Housing

NOTE: This step is applicable after the necessary wiring is completed.

1. Loosen the two shoulder canopy screws without fully removing them from the hanger bracket. Assemble canopy by rotating key slots in canopy over screws in hanger bracket. Tighten both shoulder screws.

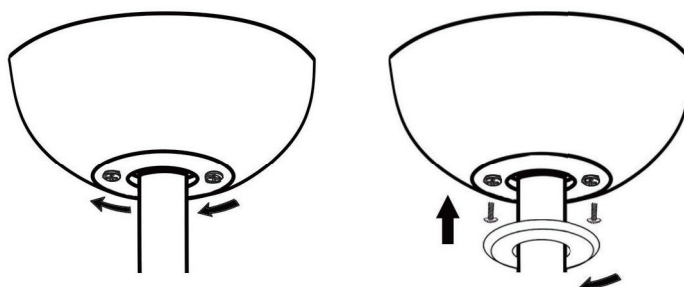
2. Slide the screw cover up the rod and locate the keyways over the canopy screws. Rotate the cover to click it into place.

The canopy shape may vary depending on fan model. Canopy shape may vary based on exact model.

Important: The canopy must not touch the ceiling. Refer to last paragraph on **Page 6: Ceiling Types and Mounting Methods**.

⚠ WARNING

To avoid possible fire or shock, make sure that the electrical wires are completely inside the canopy housing and not pinched between the housing and the ceiling.



ASSEMBLE THE CEILING FAN BLADES

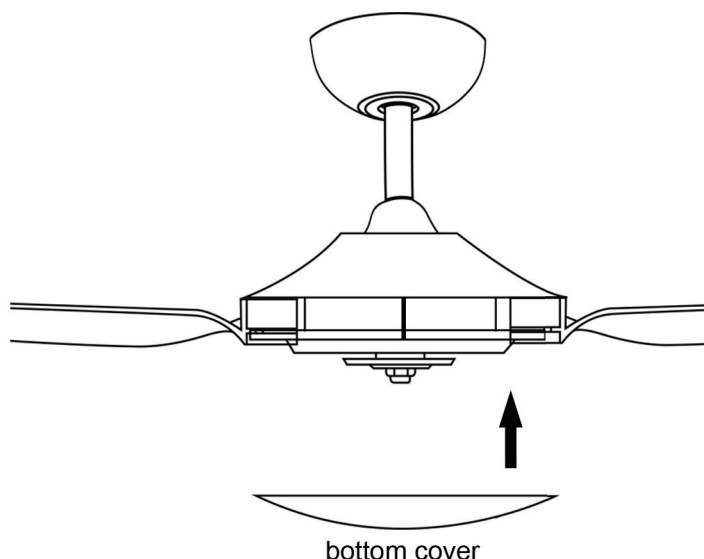
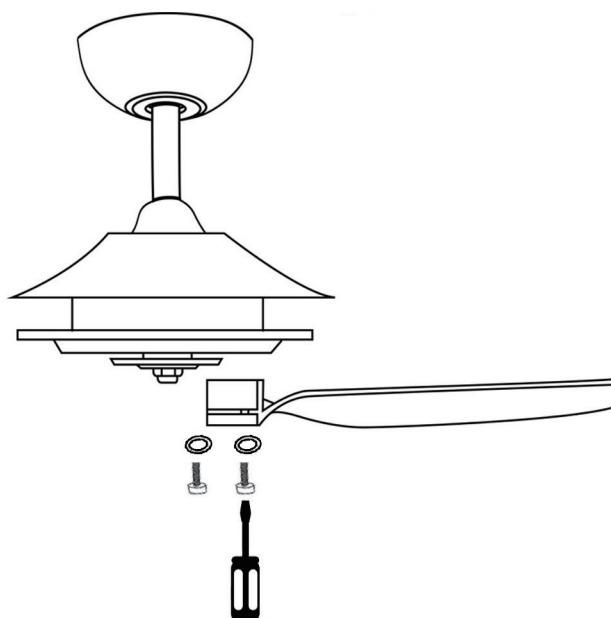
INSTALLATION NOTE

Do not attach fan blades until the fan is completely installed. Installing the fan with blades assembled may result in damage to the fan blades.

⚠ WARNING

To reduce the risk of personal injury, do not bend the blades when installing, balancing or cleaning the fan. Do not insert foreign objects in between the rotating blades.

1. Position the first blade on motor, align the screw holes and insert the screw but do not tighten.
2. Position the other two blades and likewise, insert the screws without tightening.
3. With all three blades in place tighten all the blade screws. Make sure the blades do not have any movement under the grip plate after all screws have been tightened. If movement evident then slacken screws and slightly move the blades and re-tighten.
4. Install the bottom cover onto fan, after all blades secured firmly.



Testing and Operating your Fan

If the instructions have been followed you will have years of trouble free use of your fan.

If no immediate problems are apparent allow the fan to run for 6 hours on high speed. A slight smell may be noticeable for the first few hours and this is normal for most electric motors.

If a wobble develops very soon after the fan reaches full speed, swap 2 of the blades that are next to each other (ie. swap blades 1 & 2, or 2 & 3). If a wobble develops after several hours, days or weeks then the mounting bracket is not tight against the ceiling, the ceiling is moving or the fans blades may have been struck by something.

During extended use the motor will become quite warm.

The wall control provides three distinct speeds but the actual motor RPM will vary slightly depending on household voltage fluctuations.

Cleaning and Maintenance

DANGER
Do not use water when cleaning your ceiling fan. It could damage the motor or the blades and create the possibility of electric shock.

Clean your fan as you would any other household electrical appliance. Use a soft dry cloth to lightly remove dust and debris at least every 3 months.

Built up grime such as pet dander or dirt caused by moisture (condensation) will cause metal parts (especially blades) to corrode or rust. Regularly remove grime with a dampened (not wet) cloth and dry afterwards.

Metal bodies and blades can be coated with a polymer base car polish (do not use cutting agents) to protect the finish.

In humid climates air conditioning will make the fan blades cold and when warm, humid air enters the room it will cause moisture to condense on the fan blades. This may cause dirt and corrosion to form more quickly.

Polymer blades will be less susceptible to condensation. but still must be cleaned regularly.

Chipped paint can be touched up with automotive paint, applied sparingly with a cotton tip or micro sprayer. Do not sand the damaged area. A blade should be taken to the paint shop for colour matching.

Before discarding packaging materials, be certain all parts have been removed

HOW TO ORDER PARTS
When ordering repairs or parts, always give the following information: • Fan Model and Size • Part Description • Date of Purchase For parts and advice please call: 1300 469 326

Trouble Shooting

WARNING		
Remedies in bold can only be checked/done by a licensed electrician.		
Trouble	Probable Cause	Suggested Remedy
1. FAN WILL NOT RUN	1. Fuse or circuit breaker tripped 2. Loose power connections to the fan, or loose switch wires going to or in the wall switch housing.	1. Check main and branch circuit fuses or circuit breakers. 2. Check line wire connections to fan and switch wire connections in the switch housings.
2. FAN SOUNDS NOISY	1. Blades not attached to fan. 2. Loose screws in motor assembly. 3. Screws securing fan blade to motor assembly are loose. 4. Check the ball joint pin and set screw are not loose or rattling.	1. Attach blades to fan before operating. 2. Check to make sure all screws in motor assembly are tight. 3. Check to make sure the screws which attach the fan blade to the motor assembly are tight. 4. Lower ceiling canopy and check ball joint screw and pin. Rotate ball joint 180 degrees and refasten screw.
3. FAN WOBBLER EXCESSIVELY	1. Setscrew in downrod support is loose. 2. Setscrew in downrod/hanger ball assembly is loose. 3. Screws securing fan blade to motor assembly are loose. 4. Hanger bracket and/or timber batten is not securely fastened. 5. Countersunk screws used to fasten hanger bracket.	1. Tighten both setscrews securely in downrod support (under yoke cover). 2. Tighten the setscrew in the down rod - hanger ball assembly. 3. Check to make sure the screws which attach the fan blade to the motor assembly are tight. 4. Tighten the hanger bracket screws and check timber batten is stable. 5. Remove incorrect screws and replace with roofing or pan head.
4. NOT ENOUGH AIR MOVEMENT	1. Typically, airflow can be increased by lowering fan blades further from ceiling using a longer downrod. 2. The fan is too close to the ceiling or is boxed into a corner or placed in the peak of the roof.	1. If possible, consider using a longer downrod. Please be aware blades must be at least 2.1 m above floor level. 2. The fan should be moved at least 0.5m from any wall and no closer than 300mm to the ceiling (leaving 2.1m between blades and floor). If in the peak of the roof the fan must be lowered to achieve good airflow.

ThreeSixty Fans Pty Ltd - Plain English Ceiling Fan Warranty Terms

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a refund or replacement for a major failure and for 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.

Mechanical and Structural Components

Your ThreeSixty Product is covered against mechanical and structural defects that prevent it from working by a limited 36 month on-site warranty. This warranty covers only the product itself and excludes workmanship or materials related to its installation or any modifications. A major failure may be, for example, a motor defect preventing a product from operating shortly after it was first installed or if it was damaged while in the original packaging. If the product stops working due to a mechanical or structural defect within the first 36 months we will repair or replace the product at our discretion.

Electronic Components

Your ThreeSixty Product is covered against electronic defects that prevent it from working by a limited 12 month on-site warranty. This warranty covers only the electronics supplied with the product and excludes workmanship or materials related to its installation or any modifications. A major failure may be, for example, a power module that failed shortly after it was first installed or if it was damaged while in the original packaging. If the product stops working due to an electronic defect within the first 12 months we will repair or replace the electronic part at our discretion.

Compensation for reasonably foreseeable loss

Compensation normally comprises us paying associated labour costs to replace the defective product if it's installed within a reasonable distance from our repair agent. If beyond a reasonable distance (30km) you can arrange your own electrician and we will compensate you for this up to a maximum of \$115.50 inc GST. Note, we do not pay extra for extended travelling time or additional costs when the job requires a longer than average time to complete.

To prevent or limit costs you may incur for service calls, you must notify us of the intention to use your own contractor and not engage one until we have spoken to them (to arrange parts that may be required). ***If the problem is not a defect covered by our warranty terms you will have to pay all costs.*** To reduce cost and inconvenience for all involved we will do our best to diagnose the fault and supply parts before the contractor visits the site.

Eligibility for In-Home Service Calls

Hard wired electrical products must (by law) be installed by a licensed electrician. To obtain in-home warranty service **you must be able to provide a copy of the installing electricians invoice or the Certificate of Compliance given to you when the product was first wired up and tested.** If you cannot provide this information we limit our warranty to repair or replacement of the product at our workshop and you will bear the costs of removal, shipping to us and reinstallation. We will pay the freight to send the rectified unit back to you.

Access to products

Products installed on ceilings 4m and above may require special access equipment or WH&S measures. All costs for this equipment must be borne by the site owner and the ceiling height given when booking a service call. If a service agent chooses not to access a product installed at height due to WH&S concerns the owner must remove and reinstall the product at their own expense.

Isolation Switches

Australian Standards require our instructions to state an isolation switch must be fitted. This allows the product to be physically switched off in case of faults or to prevent damage from surges, lightning, etc. Emergency disconnection and/or remote control re-programming that can't be performed due to lack of an isolation switch is not covered by warranty.

Commencement

The warranty period begins from date of purchase and in-home warranty service is available only at the site of original installation. If the product is installed as part of a project or development the warranty period commences when the product was delivered to the site.

Damage

Damage from Force Majeure, electrical surges, wind, rain, lightning, power grid fluctuations, water ingress, condensation or use with incompatible power sources will not be rectified under warranty. Likewise solid state or dimmer type speed controls may damage ceiling fans or cause them to make unusual noises. Genuine parts and advice are available through our online and telephone support services.

ThreeSixty Fans Pty Ltd - Plain English Ceiling Fan Warranty Terms

Cosmetic defects

Carefully inspect your product prior to installation and notify us as soon as possible if there are cosmetic defects. Cosmetic defects are generally not covered by warranty unless present when the product is initially unpacked. Damage from being struck by objects or not being kept clean is not covered by warranty.

Corrosion

Deterioration of finishes, including rusting, pitting, corrosion, fading, tarnishing or peeling is not covered by warranty beyond six months. Products specified as corrosion resistant or made from Stainless Steel are not corrosion proof and will discolour or deteriorate if not cleaned. As a guide, maintain your product as you would your kitchen appliances (clean every 3 months).

Noise

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.

Wobbling

Wobbling is generally not caused by a defective fan but by air currents in the room. After a fan has been running for a long period it will cause air currents to form and, depending on the shape of the room and its furnishings, the air returning to the fan may be uneven.

Improper mounting will also cause a fan to wobble. Every mounting bracket screw must be secured to solid materials in the ceiling. Metal C section rafters may need to be doubled to form a box section to prevent flexing. Foam sandwich ceiling panels will require reinforcing to stop flexing. Unless a product is defective wobbling will not be rectified under warranty

Airflow

The amount of airflow produced by a fan is dependent on where it's installed because room shape, mounting height and furnishings will affect the perceived air movement. A product is deemed to be functioning normally if it is running within 15% of the specified RPM when installed.

Installation Records – we will ask for this information when diagnosing a problem

Purchase Date: _____

Seller Name: _____

Product Model: _____

Installed by: _____

License/Certificate No: _____

Phone numbers: _____

Light type and model: _____

Remote control type: _____

Height of Fan and Ceiling: Fan: _____ (at blades) Ceiling: _____ (in metres)

Circuit breaker numbers: _____ **Circuit Type:** Lighting / Power

RCD Details: ☐ One RCD covers whole installation
 ☐ Separate RCDs for power and lighting
 ☐ No RCD fitted on fan or lighting circuit

