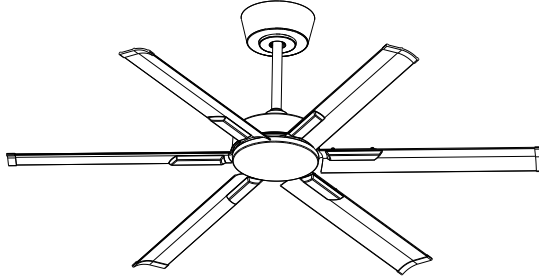




SOVEREIGN^{DC}



The images in this manual are for reference only.
Specifications subject to change without notice.

Ceiling Fan Installation Manual, Rev 1.0

MODELS
SOV1506BL SOV1506WH SOV1806BL SOV1806WH
OPTIONAL LIGHT KITS
SOVLKWH SOVLKBL
OPTIONAL WALL CONTROL
SDC3SPWC
OPTIONAL EXTENSION RODS
SOVEXTR17BL - 170mm Extension Rod - Black SOVEXTR17WH - 170mm Extension Rod - White SOVEXTR90BL - 900mm Extension Rod - Black SOVEXTR90WH - 900mm Extension Rod - White

- INSTALLATION
- OPERATION
- MAINTENANCE
- TROUBLESHOOTING
- WARRANTY

CAUTION

Read Instructions Carefully for safe
Installation and Fan Operation.

**MUST BE INSTALLED BY A
LICENSED ELECTRICIAN.**



NOT FOR DIY
PROFESSIONAL INSTALLATION REQUIRED

THANK YOU FOR YOUR PURCHASE...

Congratulations on selecting a quality Ventair DC ceiling fan! You've invested in superior performance, comfort, and energy efficiency that will benefit you for many years to come.

For the safe, correct, and optimal operation of your new Ventair DC ceiling fan, it's absolutely essential that you take the time to thoroughly read and understand all the instructions provided within this manual before commencing any installation or use.

The detailed information presented in the subsequent pages has been carefully compiled to ensure you experience trouble-free operation of your ceiling fan, allowing you to fully enjoy its benefits.

SAFETY PRECAUTIONS

1. To ensure a successful installation, please read the instructions and study the diagrams thoroughly.
2. For your safety, all electrical work must only commence after the power supply has been isolated. This requires removing fuses or turning off the circuit breaker to ensure an all-pole isolation of the electrical supply.
3. To ensure optimal performance and safety, make sure the rotating fan blades will not come into contact with any objects at your installation site. There should be a minimum clearance of 300 mm from the blade tip to any wall or ceiling. Please note that greater clearance around the fan will improve airflow.
4. The fixing point for the fan must be able to support 4 times the net weight of the fan. Net weights can be found on the next page. If you are mounting the fan to a ceiling junction box, the box and fixing must be able to support the moving weight of the fan and must not twist or work loose.
5. The fan must be earthed.
6. 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 void your warranty.
7. It's not recommended to operate ceiling fans and gas appliances in the same room simultaneously.
8. Do not insert anything into the fan blades while the fan is operating. This will damage the blades and upset the balance of the unit causing the unit to wobble.
9. After completing the fan's installation, check that all connections are secure and tight to avoid any problems.
10. Due to the fan's natural movement, some connections may loosen over time. To ensure continued safety and performance, check the support connections, brackets, and blade attachments twice a year to confirm they are secure. If any are loose, simply tighten them with a screwdriver.
11. Always have your fan installed by a licensed electrician.
12. 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.
13. Children should be supervised to ensure that they do not play with the appliance.
14. For safe and effective operation, Ventair recommends the fan blades be installed at least 2.1m above the floor.

SPECIFICATIONS

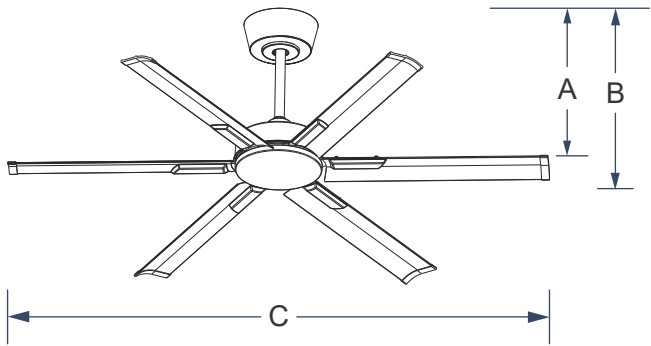
IMPORTANT:

This fan is suitable for indoor / fully covered outdoor use only.
An all-pole disconnection switch must be incorporated into the fixed wiring, in accordance with local wiring rules.

MODEL	Light Wattage (W)	Fan Wattage (W)	Voltage (VAC)	Frequency (Hz)	Net Weight (kg)
SOV1506WH SOV1506BL	24 watts (with optional light kit)	60 watts	220-240 V~	50 Hz	10.27 kg
SOV1806WH SOV1806BL	24 watts (with optional light kit)	75 watts	220-240 V~	50 Hz	10.86 kg

Maximum Mounting Angle 18°

DIMENSIONS



		A (BLADE)	B (TOTAL)	C (SWEEP)
1500 MM	NO LIGHT	458 mm	458 mm	1500 mm
	WITH LED	458 mm	470 mm	1500 mm
1800 MM	NO LIGHT	458 mm	458 mm	1800 mm
	WITH LED	458 mm	470 mm	1800 mm

Carefully unpack the fan and check all parts are present and free from any damage.

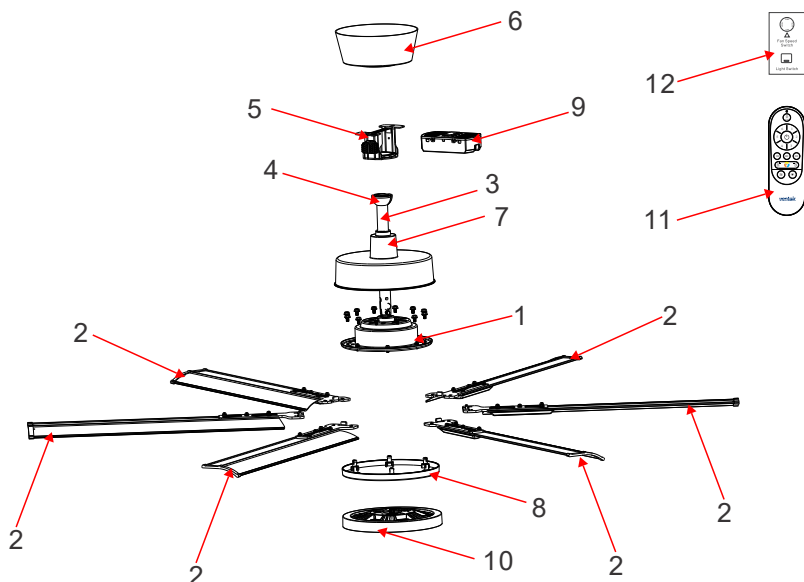


Figure 1 - Parts Diagram

Part	Quantity
01. Motor Assembly	1
02. Blade set	1(set of 6)
03. Downrod	1
04. Hanging Ball*	1
05. Hangsure Bracket	1
06. Upper Canopy	1
07. Lower Canopy	1
08. Motor Cover Disc*	1
09. Motor Driver	1
10. LED Light Kit	*
11. Remote	1
12. Wall Control	*

*Not used if using optional light kit

*Optional Accessory

* 300 mm length

OPTIONAL ACCESSORIES

EXTENSION RODS:

SOVEXTR17BL - 170mm Extension Rod to suit

Sovereign DC - Black

SOVEXTR17WH - 170mm Extension Rod to suit

Sovereign DC - White

SOVEXTR90BL - 900mm Extension Rod to suit

Sovereign DC - Black

SOVEXTR90WH - 900mm Extension Rod to suit

Sovereign DC - White

LIGHT KITS:

SOVLKWH - SOVEREIGN DC - Light Kit - White

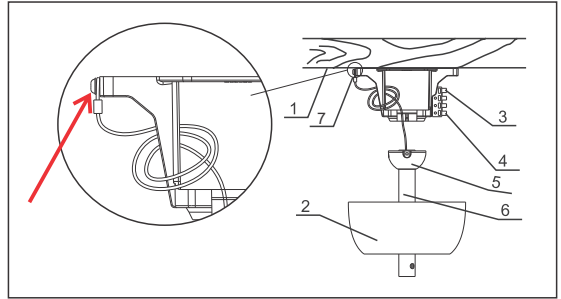
SOVLKBL - SOVEREIGN DC - Light Kit - Black

WALL CONTROL:

SDC3SPWC - 3 Speed Wall Control to suit Sovereign DC

INSTALLATION

1. Ceiling Joist
2. Canopy
3. Mounting Bracket with Terminal Block
4. Earth Terminal
5. Hanging Ball
6. Downrod
7. Safety tether



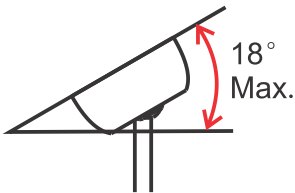
Ensure the fixing tab is securely seated in the groove of the hanging ball.

Minor design changes may result in slight variations between the product illustrated and what is contained in this package.



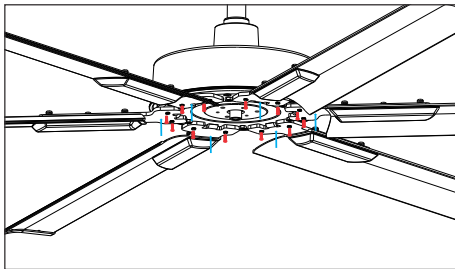
INSTALLATION ON A RAKED CEILING

1. Please ensure the groove on the fan hanging ball is securely locked into the fixing tab on the hanging bracket.
2. Ensure the fixing tab is set at the highest point.

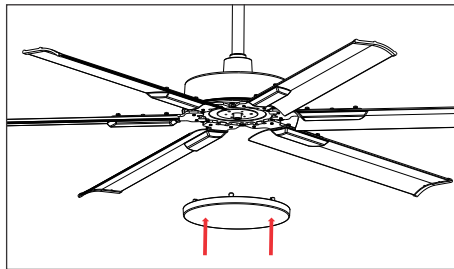


HOW TO INSTALL THE FAN

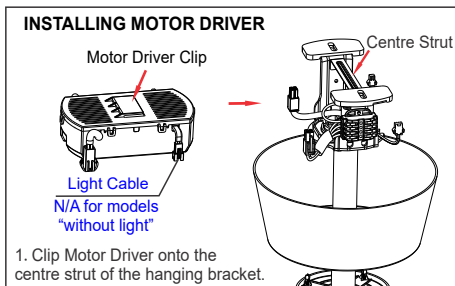
Secure the upper canopy into position using the provided screws. Once complete, the canopy should sit approximately 5 mm off the ceiling.



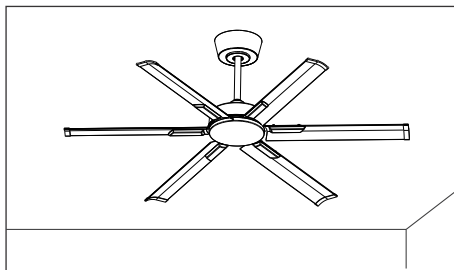
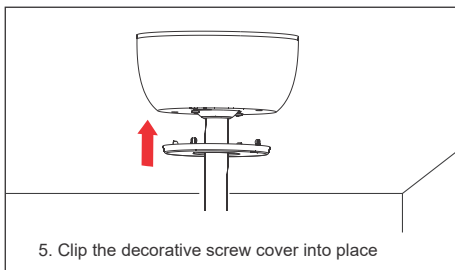
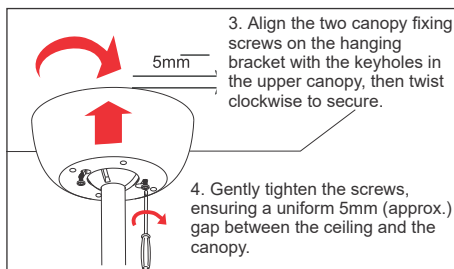
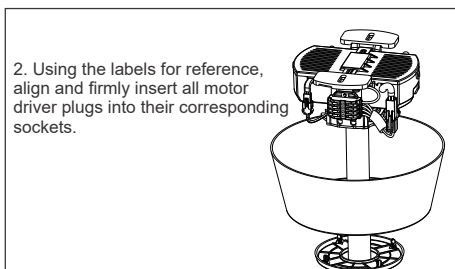
1. Before starting, ensure you have the 12 blade fixing screws ready. Insert the blades into the motor, then secure each blade using 2 fixing screws (inserted from the bottom). Confirm that all blades are held securely and that all screws are tight.



2. Attach the cover disc (if no light kit is being used) or the light assembly (if a light kit is installed) to the motor and firmly press it into position. Next, lift the fan into the bracket, making certain the fixing tab aligns with the groove in the hanging ball.



Follow the electrical diagram on page 8 for all connections.

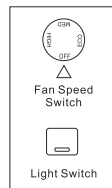


STEP DIMMING INSTRUCTIONS (with optional light kit)

Using the OPTIONAL Wall Control (4 steps)

1. Flick light switch to 'ON' - Light will be at 100% brightness.
2. With the light on, flick the switch 'OFF' then 'ON' again within 2 seconds, Light will be at 75%.
3. Repeat the same process and the light will continue to dim to 50% then 25% and finally back to 100%.

NOTE: If the light switch remains 'OFF' for more than 2 seconds, the light will operate at its previous setting when next operated.



Operating Instructions (using the included remote).

1. Fan Off (light remains unchanged)
2. Adjust the fan speed from 1 (lowest) to 6 (highest).
3. Breeze Mode: Varies the fan speed to create a natural breeze effect.
4. Light ON/OFF.
5. Forward / Reverse alters the direction of blade rotation (Summer / Winter).
6. Adjust light colour (Cool, Natural or Warm).
7. Adjust the light intensity up to maximum brightness.
Adjust the light intensity down to minimum brightness.
(Remote Dimming: 9 Levels)
8. One, four, and eight hour Fan off timer.



Remote Control Pairing:

How to pair the remote control (without wall control):

Step 1: Preparation Turn the isolation switch 'OFF' for a minimum of 1 minute.

With wall control (SDC3SPWC): Ensure the fan speed dial and the light switch are set to the 'OFF' position OFF for a minimum of 1 minute.

Step 2: Turn the isolation switch or speed dial / light switch on and within 2 seconds, press and hold the fan off '' button for 3-4 seconds until you hear a 'beep, beep' sound to indicate pairing succeeded.

Pairing a second remote with your fan:

One fan can be paired with a maximum of two remote controls (two pairing operations). To pair a second remote, follow the above pairing procedure with the new handpiece.

Removing a remote from your fan memory:

To remove one remote when your fan is paired with two, simply re-pair the first remote. This action will overwrite the data for the second remote in the fan's memory, meaning only the first remote will continue to operate the fan.



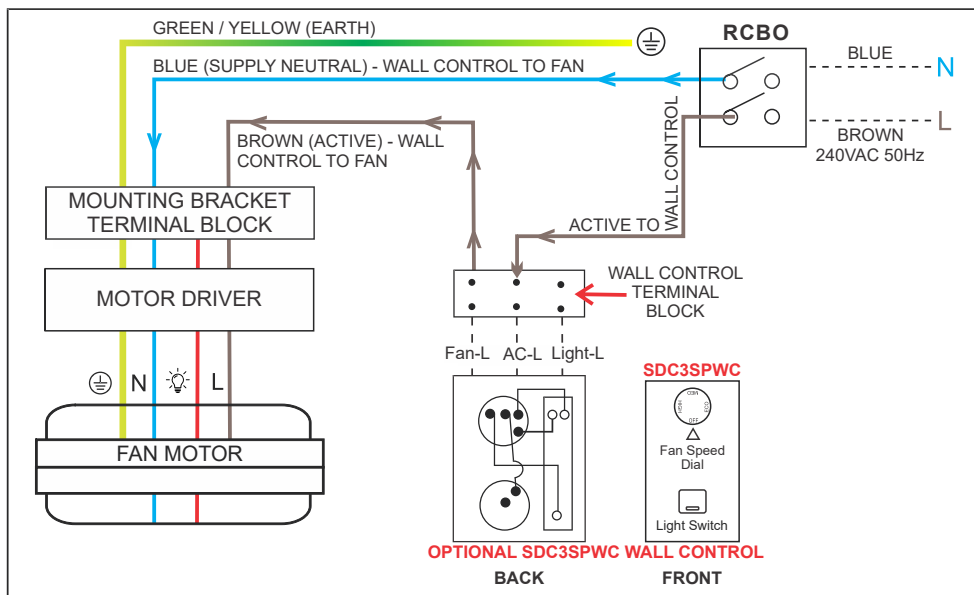
Two AAA batteries supplied.

NOTE: Using high-quality Lithium batteries will extend the time between replacements.

NO LIGHT

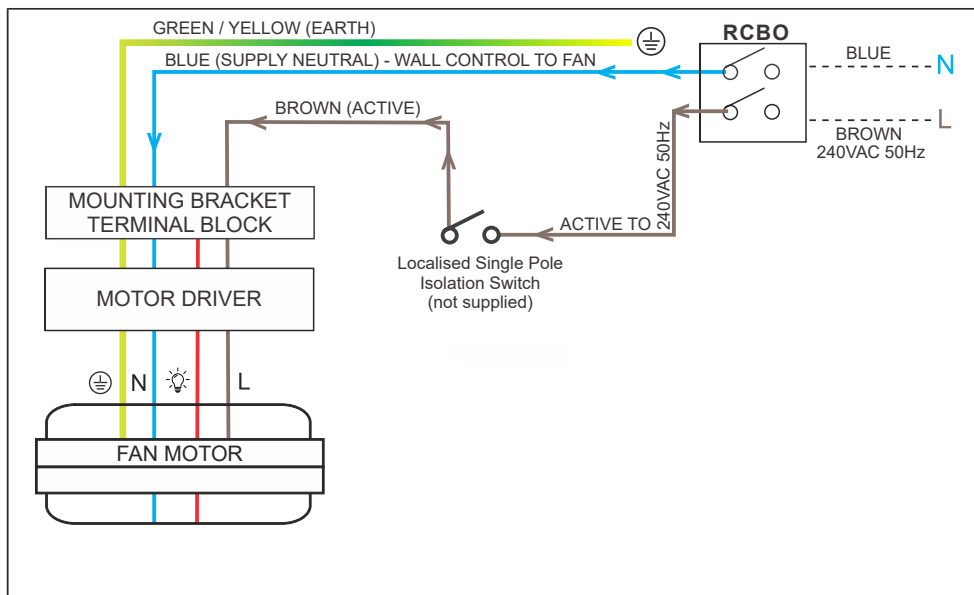
Recommended fan wiring for installations without the optional light kit.

Fan control is managed using only the **optional SDC3SPWC wall control** or a combination of the **SDCRC remote control** and **SDC3SPWC wall control**.



Recommended wiring for installations without the optional light kit.

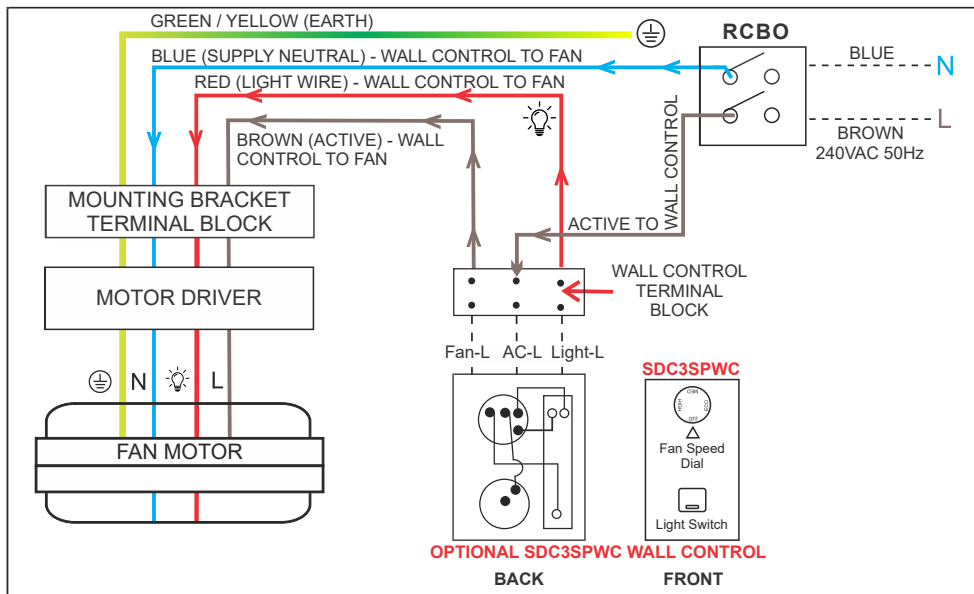
Fan control is managed solely by the supplied **SDCRC** remote control



WITH LIGHT

Recommended wiring when using the optional **SOVLKBL** or **SOVLKWH** light kit.

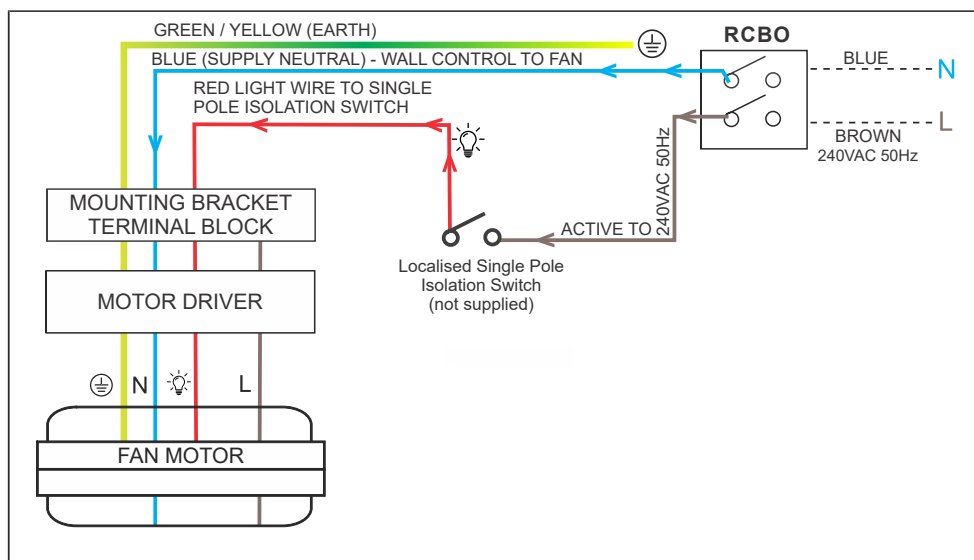
Control is managed using only the optional **SDC3SPWC** wall control or a combination of the **SDCRC** remote control and **SDC3SPWC** wall control.



Recommended wiring when using the optional **SOVLKBL** or **SOVLKWH** light kit.

Control is managed solely by the supplied **SDCRC** remote control.

NOTE: With the below wiring method, the switch cuts all power to the fan, including the light. When the switch is turned back on, the light and fan will return to its last state.



WIRING DIAGRAM FOR OPTIONAL WALL CONTROL

WARNING: For your safety, switch off the mains supply at the circuit breaker before undertaking any electrical tasks.

Step A: Connect the EARTH wire to the mounting bracket terminal block marked with the earth symbol (⏚).

Step B: Connect the LIVE supply wire to the wall control terminal labelled "TO 240V/50HZ".

Step C: Connect a wire from the Fan Live "L" terminal of the hanging bracket to the terminal labelled "FOR FAN-L" on the wall controller.

Step D: Connect a wire from the Light Live "L" terminal of the hanging bracket to the terminal labelled "FOR LIGHT-L" on the wall controller.

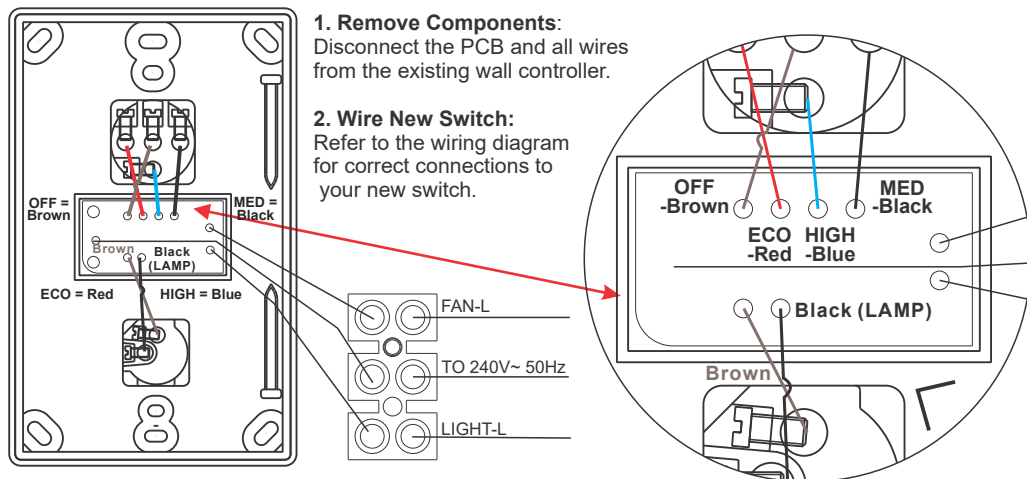
NOTE: *Light wiring only applicable to fan models with add-on light kit.*

Step E: Connect the supply Neutral wire to the terminal port marked "N".

See **Page 11** for instructions on how to connect multiple fans to the one wall control

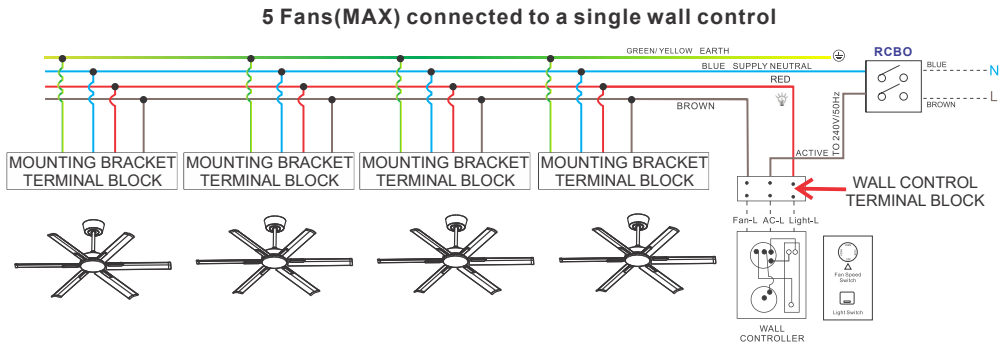
Using aftermarket wall switches:

To install an aftermarket wall switch, follow the steps below:



MULTIPLE FANS ON ONE WALL CONTROL

A single wall control or PCB module is capable of operating as many as 5 Sovereign DC fans. The diagram below details the wiring for models with lights; however, you have the flexibility to mix fans with lights and those without.



INSTALLATION TIPS:

The fixing point for the fan must be able to support the weight of 4 times that of the net weight of the fan. If you are mounting the fan to a ceiling junction box, the box and fixing must be able to support the moving weight of the fan and must not twist or work loose.

Do not use a solid-state dimmer control.

Do not use the light switch to control the fan motor.

The wall control should fit into existing gang block or wall plate. If you do not flush mount the control, use a standard single gang mounting block.

Be careful not to mix up the supply Active and the fan Active connections. Reversing the speed control connections will prevent the fan from operating correctly.

With the wiring connections finished, please ensure that all wires are organised neatly and the ball is firmly in place within the bracket. This step is vital for minimising fan wobbling.

Once all the above steps have been followed, you are now ready to restore the mains power supply. Make sure there is nobody near or under the fan, then turn ON the fan (and light switch if included in your model) to test.

HOW TO OPERATE

To turn the fan on, simply turn the speed dial to the desired speed. To turn off, rotate the knob to the OFF position.

MAINTENANCE

Safety First: Always isolate the power supply to the fan before performing any cleaning or maintenance.

Guards: Always isolate the power supply to the fan before removing any guards or covers.

Cleaning: To clean your fan, don't use harsh solvents like mineral turpentine, white spirit, or petrol. These can damage the fan and are a fire hazard. Instead, simply use a clean, soft cloth dampened with ordinary soap and water, then wipe it dry straight away.

Troubleshooting: Shaking, Vibration, or Noise

Except for an actual manufacturing fault, which is extremely rare, noises and vibrations can often be rectified by checking and adjusting various components. If your fan is experiencing excessive movement, wobbling, or unusual noise, please follow these steps:

- 1. Check all fasteners:** Securely tighten all screws, bolts, and nuts. Ensure the two blade fixing screws on each of the six blades are tight, along with any other fasteners on suspended parts.
- 2. For models with a light:** Ensure the light kit and diffuser are securely tightened; for non-light models, ensure the cover disc is securely attached. See page 4 for parts identification.
- 3. Inspect blades for damage:** Check all blades carefully for any signs of damage. If a blade is deformed, it needs to be replaced. For best balance, replace all 6 blades as a complete set.
- 4. Ensure canopy clearance:** Confirm that the fan's canopy isn't touching the ceiling surface.
- 5. Swap blade positions:** To balance the fan, you may need to swap the blade positions. Move blade 1 to position 2, blade 2 to position 3, blade 3 to position 4 and so on (**Fig. A**).
- 6. Check blade height:** Rotate the fan slowly and measure the distance from the ceiling to each blade tip to check for consistent height. If a blade is too high or low, loosen its screws, adjust the position, and then re-tighten them (**Fig. B**).
- 7. Obstructions:** Placing a ceiling fan too close to a wall or other fixed obstructions can induce wobble by creating unequal air pressure and aerodynamic turbulence as the blades rotate. To correct this move the fan to a different position that has greater clearance from walls, beams, cabinets etc...

WARNING: If the fan wobbles excessively or shows any unusual side-to-side movement, immediately stop using it. Contact the manufacturer, their service agent, or a suitably qualified professional straight away.

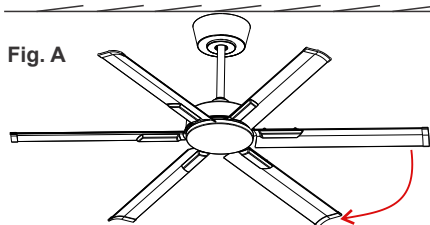


Fig. A

Swap Blade Positions

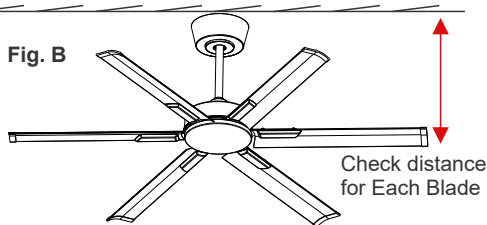


Fig. B

Check distance for Each Blade

8. OPTIONAL LIGHT KIT: The light assembly in your fan (where fitted) is intended for many years of reliable operation. Should the diffuser require removal, extreme care must be exercised, as rotating the entire light assembly will result in damage to the internal fan wires, which is not covered by the warranty. Please contact the Ventair support team for any required assistance.

For technical assistance please contact Ventair support via email support@ventair.com.au or call 1300 665 926.

If you suspect a manufacturing defect, submit a warranty by visiting www.ventair.com.au/warranty

VENTAIR

4 CAPITAL PLACE,
CARRUM DOWNS, VIC, 3201
PHONE: (03) 9775 0556
support@ventair.com.au
<https://ventair.com.au>

Please do not dispose of this product in your household rubbish. Recycle it responsibly at a designated e-waste collection point to protect the environment. Contact your local council for details.

