

FANTECH^{TRADE} ///

MADE FOR TRADE

ATMOS CEILING FAN

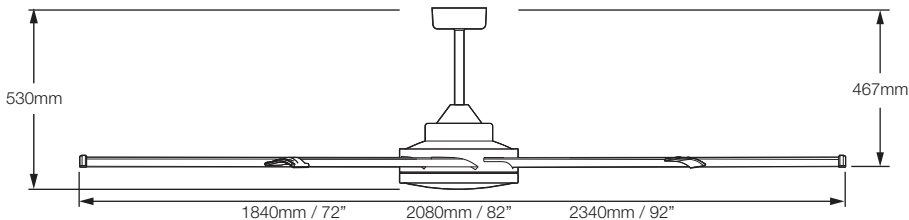
INSTALLATION & MAINTENANCE INSTRUCTIONS



ATMDCM__ - FAN MOTOR
ATMDC__BLADE__ - BLADE KIT
ATMDCLEDKIT__ - LED KIT*

*Optional Accessory

DIMENSIONAL DRAWINGS



Model	Diameter
ATMDC72	1840mm
ATMDC82	2080mm
ATMDC92	2340mm

SPECIFICATIONS

Model	Atmos DC		
Watts	80		
Volts	220-240		
Hertz	50		
Phase	1		
Body Material	Metal		
Blade Material	Aluminium		
Blade Number	8		
LED Light Specifications*			
LED Watts	33		
Light Colour Temperature	3000K	4000K	5000K
Lumens	2000	2300	2200

*Optional Accessory

SAFETY

INSTRUCTIONS

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- 1.1. It is important that these Installation and Maintenance Instructions are fully adhered to.
- 1.2. All electrical installations must be carried out by suitably qualified and competent personnel in accordance with all statutory requirements.
- 1.3. This appliance is not intended for use by persons (including children) with reduced physical, sensory, 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. Children should be supervised to ensure that they do not play with the appliance.
- 1.4. An all-pole disconnection switch must be incorporated into the fixed wiring, in accordance with local wiring regulations.
- 1.5. The fan must be mounted to a solid structure that is capable of supporting a weight of at least 60Kg.
- 1.6. The fan must be installed such that the fan blades are at least 2.1m above the floor, as per Australian regulations.
- 1.7. The fan must be installed so that the fan blades are a minimum of 300mm from the nearest wall or permanent object.

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 outlined 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 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.

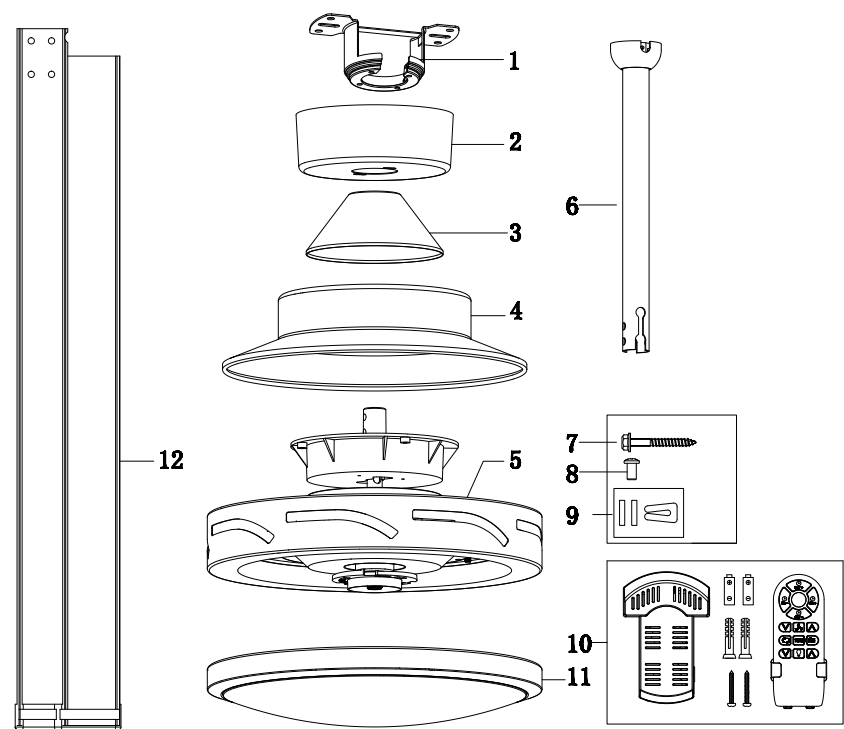
A single-pole switch also must be placed in the same room as the fan as per local wiring regulations AS/NZS 3000

INCLUDED IN THE BOX

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Before Installation, check that all parts listed are included.



Item No.	Description	Qty
1.	Mounting bracket	1
2.	Canopy	1
3.	Coupling cover	1
4.	Top housing	1
5.	Fan assembly with motor	1
6.	Down rod	1
7.	Mounting screw	4
8.	Motor screw	33 (incl. spare)
9.	Balancing kit	1
10.	Remote with battery	1
11.	Bottom cover	1
12.	Blade*	8

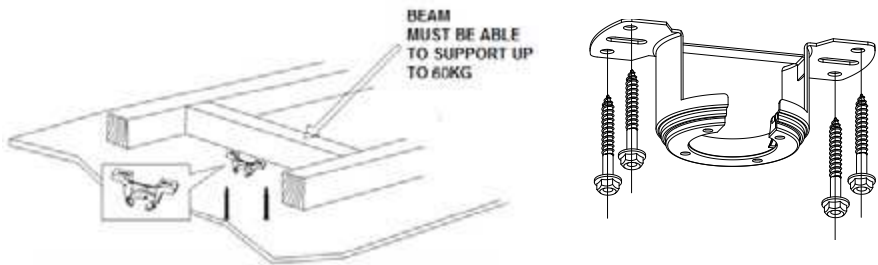
* Blades Sold Separately

INSTALLATION

WARNING: The fan must be isolated from the power supply during installation and maintenance.

Upon receipt, the fan should be inspected for any damage.

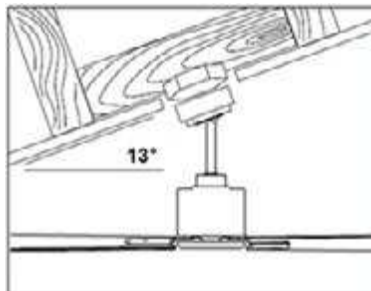
- 2.1. The fan is suitable for mounting on the ceiling only and the installer should ensure that the installation location is adequately supported.
- 2.2. Ensure that the power supply is as rated on the specifications. An incorrect power supply will lead to permanent damage of the fan motor.
- 2.3. Install the Mounting Bracket. Secure the bracket to the ceiling joist or similar structure. If fitting to a timber frame, ensure that the included wood screws are threaded at least 30mm into the support.



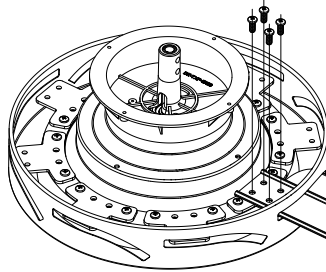
NOTE: THIS PICTURE IS FOR REPRESENTATION ONLY AND DOES NOT REPRESENT THE ACTUAL BEAM STRUCTURE

NOTE: Screws that are supplied with the fan are for use in timber structures only. For other materials, please ensure the appropriate fasteners are used.

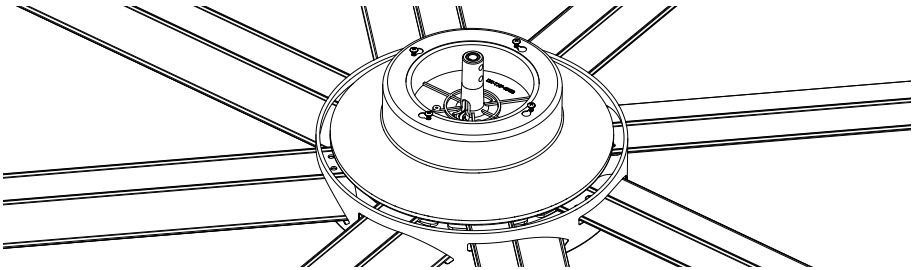
- 2.4. For angled ceilings, the fan hanging system can support a maximum mounting angle of 13 degrees. Check that the fan will be fitted to a mount less than this angle.



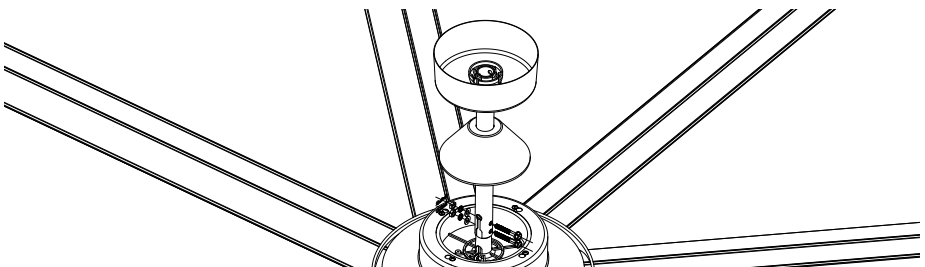
- 2.5. Connect secure wiring for the fan to the terminal strip of the mounting bracket. Refer to the wiring diagrams for the correct wiring arrangement.
- 2.6. Attach the blades. Insert the blade through the slot on the side of the motor housing, and align the blade holes with the holes on the motor hub. Secure the blade to the hub with the 4 bolts. Do not over-tighten the bolts, as that may damage the blade or the hub. Repeat process for all 8 blades.



- 2.7. Install the hub cover. Place the cover over the motor hub and position the holes so that the 4 screws pass through. Rotate the cover and tighten the screws to lock it in place.



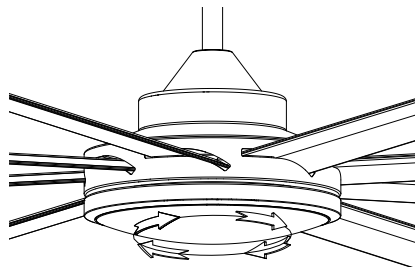
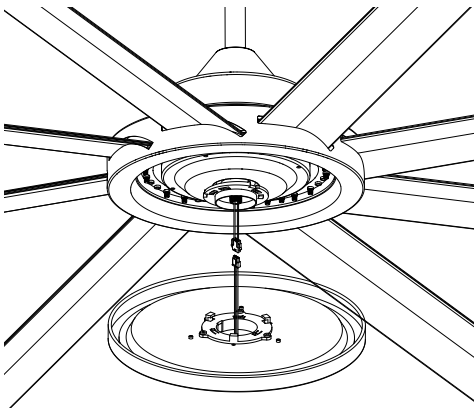
- 2.8. Install the downrod onto the motor. Remove the downrod ball from the downrod, and feed the motor wiring through the downrod. Position the downrod over the motor shaft, and insert the bolts through the two matching holes in the downrod and motor shaft. Secure bolts in place with washers, nuts and safety locking pins as shown in the diagram below.



- 2.9. Install the coupling cover and canopy. Slide the coupling cover onto the downrod and position it at the base of the downrod. Then slide the canopy onto the downrod. Re-install the downrod ball back onto the downrod in it's initial position. Check that the downrod ball is secure and will support the weight of the fan before attempting to hang the fan.
- 2.10. Lift the fan assembly onto the fan mounting bracket (C). Position the top of the downrod ball so the notch (A) rests over the pin on the mounting bracket (B). This will prevent the entire fan assembly from rotating during operation.



- 2.11. Once the fan has been correctly hung from the mounting bracket and all blades are fitted, gently rotate the fan by hand to ensure it spins freely.
- 2.12. Join the quick-connect wiring terminals on the fan assembly and mounting bracket with the remote control unit, ensure it is connected between the mounting bracket and fan assembly terminals, as outlined in the included wiring diagram.
- 2.13. Fit the lower cover/LED diffuser to the fan. If installing with the optional LED light kit, first connect the LED plug to the plug fitted to the motor hub. Then secure the cover to the motor hub by locating it into position and rotating it clockwise.



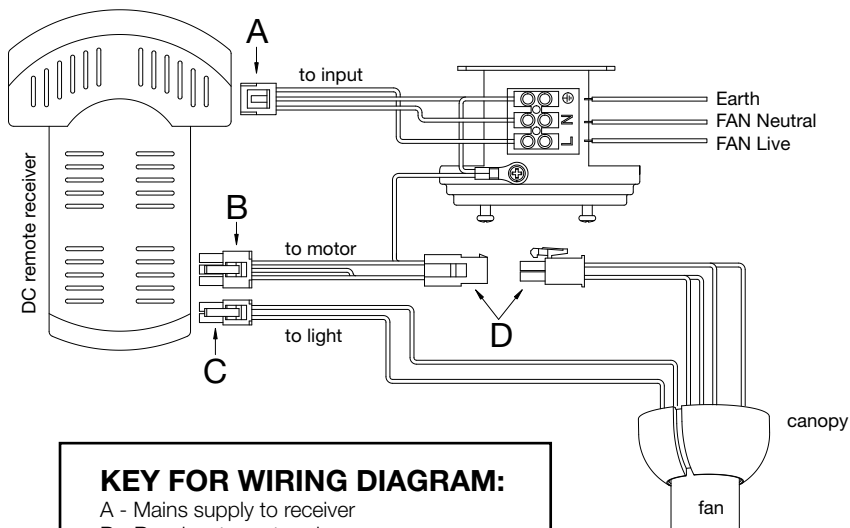
- 2.14. Insert the remote receiver into the mounting bracket. Connect all of the quick-connect plugs between the mounting bracket, receiver and fan as per the wiring diagram.

ELECTRICAL WIRING DIAGRAM

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WARNING: For your safety, **ALL** electrical connections must be fitted by a licensed Electrician.



KEY FOR WIRING DIAGRAM:

- A - Mains supply to receiver
- B - Receiver to motor plug
- C - Receiver to LED
- D - Motor plug connection

- 3.1. Connect the mains power supply to the terminal block. Live to "L" terminal, Neutral to "N" terminal Earth to "⊕" terminal. Ensure the wires are secure and no bare wires are exposed.
- 3.2. Insert the DC remote receiver into the mounting bracket.
- 3.3. Insert the 3-port fixed wire quick connector (A) to the receiver power input socket.
- 3.4. Insert the 3-port DC motor input wire connector (B) to the receiver motor power output socket.
- 3.5. Insert the 2-port light wire connector (C) to the receiver light power output socket. (This light diagram and operation is omitted for fan without light)
- 3.6. Join the receiver output wire and the motor power input wire together via the 4-port quick connectors (D).

ATMOS REMOTE

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REMOTE CONTROL BUTTON FUNCTIONS



Fan ON/OFF

- Press once to turn fan on/off.
- Within 30 seconds of powering up the fan, press and hold for 5 seconds to pair the remote to the receiver.



Fan Speed Decrease

- Press to reduce the fan speed.



Fan Speed Increase

- Press to increase fan speed.



Fan Turbo Speed Mode

- Press to activate max fan speed.



Forward/Reverse

- Press to change the fan direction. The fan must be running for this function to work. The fan will gradually come to a stop before starting up in the opposite direction.



Natural Wind Mode

- Press to activate 'Natural Wind' mode. This mode randomly varies the fan speed to simulate a changing breeze. Pressing any speed control button will cancel this function.



Light ON/OFF

- Press to turn light on/off.
- Press the button repeatedly within three seconds to cycle through the light colour temperature options.



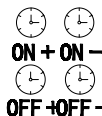
Light Brightness Increase

- Press to increase light brightness



Light Brightness Decrease

- Press to decrease light brightness



Timer controls

- Press either the increase or decrease buttons to activate the function
- Press the Fan ON/OFF button to cancel the function



ON +

Delay ON Increase

- Press to increase the length of the Delay On timer function



ON -

Delay ON Decrease

- Press to decrease the length of the Delay ON timer function



OFF +

Delay OFF Increase

- Press to increase the length of the Delay OFF timer function



OFF -

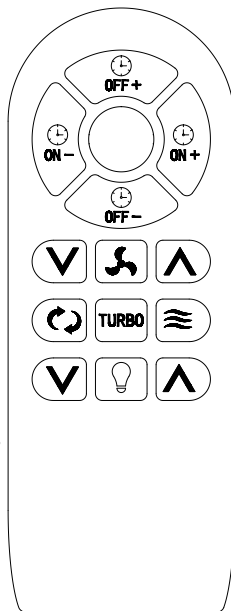
Delay OFF Decrease

- Press to decrease the length of the Delay OFF timer function



LED Display

- Shows fan speed setting (1 lowest; 7 highest) and time delay in hours (1-12 hour range)

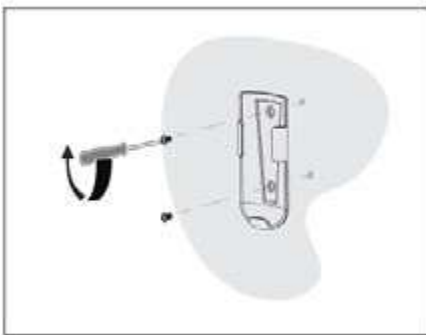


BATTERY INSTALLATION

- 4.1. Loosen the screw on the battery cover, and remove the cover from the remote.
- 4.2. Insert the supplied 2x AAA batteries, ensuring they have the correct orientation as shown in the battery compartment.
- 4.3. Fit the cover back into place and tighten the screw to secure the cover. It is recommended to remove the batteries from the remote if the fan is not expected to be used for an extended period of time.

REMOTE BRACKET INSTALLATION

- 5.1. Install the fan remote handset bracket on the wall as shown.



REMOTE PAIRING

- 6.1. The supplied remote control and receiver have been paired during production, so there should be no requirement to pair them during installation. If using a new remote, or if the remote does not control the fan correctly, then re-pair the remote as per the below:
- 6.2. Switch off mains supply to the fan.
- 6.3. Within 30 seconds of turning the mains supply on, press and hold the Fan ON/OFF button for at least 5 seconds. The receiver will sound an extended beep sound to indicate the remote has been paired.
- 6.4. Try using the remote to ensure it has paired correctly.

FAN MOVEMENT AND NOISE

Ceiling Fans are not rigidly mounted to the ceiling, and as such may move or 'wobble' slightly during operation. In order to minimise the likelihood of this wobble occurring, ensure all mounting screws and other fasteners on the fan blades are tight, and there is no dust or other build-up on the rotating components.

Due to variations in the electrical supply, some slight changes in motor noise will be noticeable during operation in quiet spaces. This is a normal occurrence and does not indicate a fault with the fan.

FAN MAINTENANCE

- 7.1. Inspection of the fan at least once every 12 months is recommended to ensure that the motor, fan blades, and supporting guards, are clean. Any build up of dust and deposit on the blades or guards should be removed using a non-abrasive cleaner.
- 7.2. All fastenings should be checked for tightness. In addition, all rotating items should be checked.
- 7.3. Bearings are of the 'sealed for life' type and will not need a detailed inspection.

WARRANTY



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www.fantechtrade.com.au

www.fantechtrade.co.nz

info@fantechtrade.com.au

Australia: 1300 387 587

New Zealand: 0800 106 266