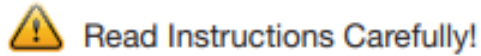




FANS

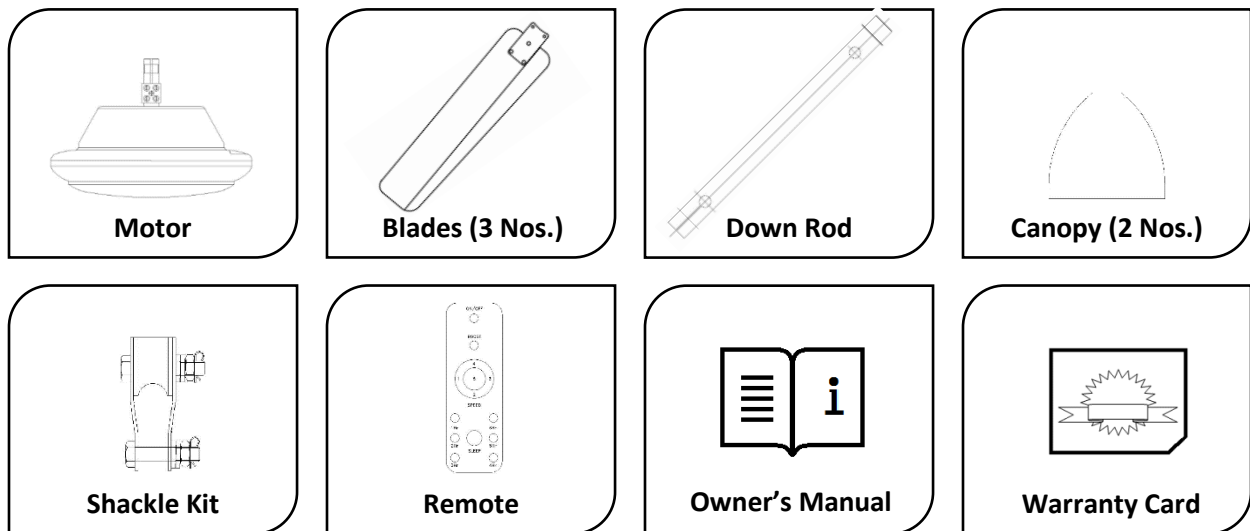
OWNER'S MANUAL



Dear Customer,

Congratulations on purchase of DSPWorks' Vayu, super-efficient ceiling fan. Please read this guide before using this product. It would also be advisable to store this guide safely for future reference.

PACKAGE CONTENTS



Please read **WARNING** and **SAFETY INSTRUCTIONS** carefully, to avoid injury or electrical shock during installation, operation, maintenance and cleaning.

WARNING

- Do not install or use fan if any part is missing or damaged.
- This product is designed to be used only with those parts or accessories supplied with this product and/or any accessories designed especially for use with this product by DSPWorks. Any

such use of parts or accessories may turn the product warranty null and void, and may result in personal injury or property damage as well.

➤ Installation

- If the blades are not properly secured with the screws and the washer, then it may cause injury when in operation. Also, any imbalanced fan may cause damage to the motor and reduces the life time of the fan.
- Any damage caused by the incorrect installation and wrong practices followed while connecting fan is not covered under warranty terms. Please check the warranty terms in detail.
- Do not start the fan, until the blades are securely fastened to the ceiling fan.
- Any connection to wires must be securely sealed using the electrical insulation tapes to prevent any shock or fire hazard.
- Avoid pinching of wires between the shackle kits, down rod or ceiling hook assembly to prevent any shock or fire hazard.

➤ Using the fan:

- The performance of the fan gets affected if regulator is not bypass and may lead to speed variation, restart, and low speed. Eliminate regulator by using direct connection from the switch to the fan.
- **Do not use the fan regulator as the fan is operated using a remote. Eliminate regulator by using direct connection from the switch to the fan.**

➤ Cleaning:

- Do not use water when cleaning your ceiling fan. It could damage the motor by causing short circuit and create a possibility of an electrical shock.
- Do not bend the blades while cleaning. Bent in the blade may result in an unstable fixing and fan wobbling affecting the air delivery.

SAFETY INSTRUCTIONS

- Be careful of the fan and blades while cleaning, painting, or working near the fan. Always turn off the power to the ceiling fan before servicing.
- Do not put your hand or any object near the fan blades while the fan is running.
- Do not modify the blade design to change the airflow.
- Product must be used along with the speed control unit/remote provided with the fan. Do not use standard regulator used for ordinary fans.
- Use your remote to operate the ceiling fan.
- If you are going out of room /facility for long duration or on holiday then power 'OFF' the ceiling fan using the switch on the panel. When switched off from panel you do not see the LED indicator glowing on the fan.

FEATURES

- India's most energy efficient ceiling fan
- More than 65% energy saving as compared to an ordinary fan.
- Super silent and energy efficient BLDC motor
- Highest service value (air delivery / power consumption) in India, which is more than 7.
- Runs 3 times longer on inverter resulting in longer battery runtime
- Sensor-less technology for more reliability
- No heating of fan even after long hours of runtime resulting in an extra-long life.
- Consistent speed even at low voltage
- Easy speed controls using smart remote
- LED indication for easy remote use
- Timer features to set speed or ON/OFF the fan
- Sleep mode reduces the speed after the preset duration and saves energy
- Aluminum body and blades prevent rust
- 2 years replacement warranty
- Zinc plated parts/accessories for rust free life
- Protective coating over electronics for better resistance against moisture
- Every fan is tested for durability in extreme conditions before shipping

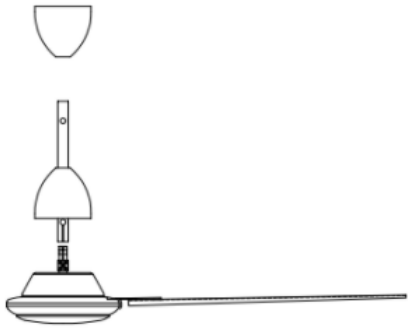
SPECIFICATIONS

Input Voltage (V)	165-270
Power Consumption (W)	28
Frequency (Hz)	50 +/- 2Hz
Air Delivery(CMM)	
Rated Speed (RPM)	350
Power Factor	>0.98
Service Value (CMM/W)	
Warranty (in Years)	3
Regulator	No
Remote	Yes
Timer Mode	Yes
No. of Blades	3

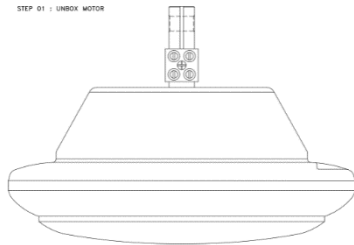
INSTALLATION

Assembly

Image below shows the exact order of placement of various parts.

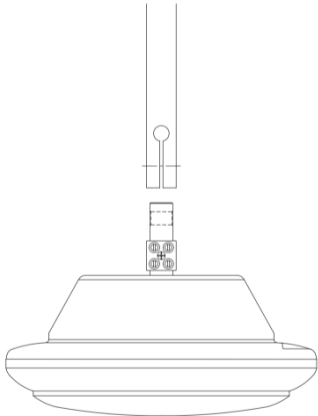


STEP 01 : UNBOX MOTOR



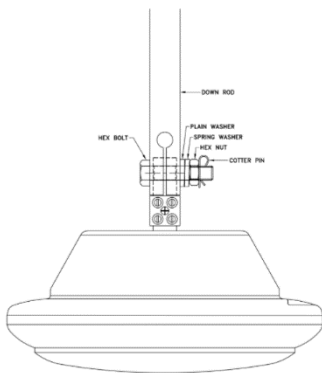
STEP 01

Carefully take out the motor body from the box and keep it over soft padding to prevent it from getting scratched.



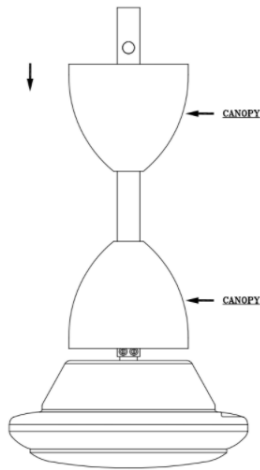
STEP 02

Insert the down-rod over the motor shaft, as shown in the adjacent picture.



STEP 03

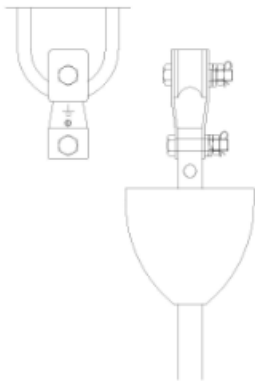
Insert the hex bolt through the down rod and tighten it. Insert plain washer, spring washer, hex nut and cotter pin in the sequence provided



In the adjacent illustration. The down rod and motor shaft should be securely fastened, and should not remain loose. This is a MANDATORY STEP from safety point of view.

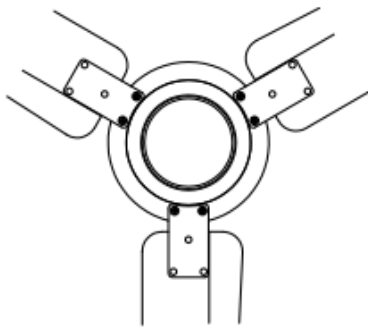
STEP 04

Insert the canopies as shown in the picture beside.



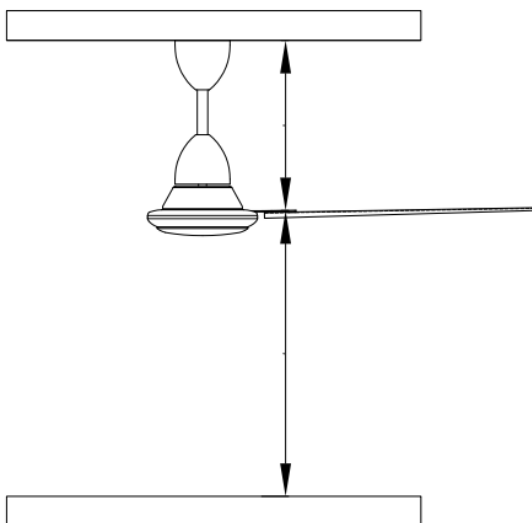
STEP 05

Insert the shackle to the ceiling hook using the screws provided within the box. Tighten the nuts with spanner. Then put the washer and cotter pin to prevent slipping. This is a MANDATORY STEP from safety point of view.



STEP 06

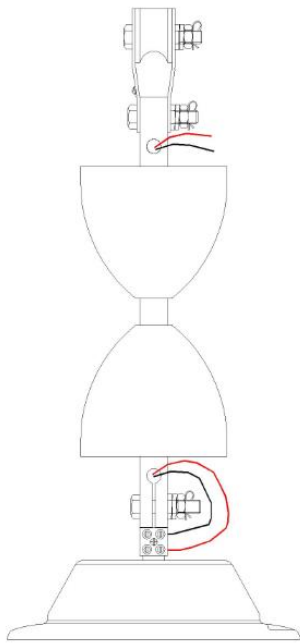
Securely assemble and fasten the blades using the spring washers and screws provided, as shown in the picture beside.



STEP 07

The fan blade must be hung with at least 1 foot of clearance from the ceiling for the optimal performance and safety. Any object next to the fan must be at least 2 feet away from the tip of the fan blade to reduce any chances of risk or injury.

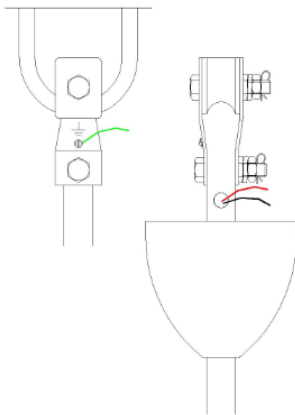
The fan must be hung with at least 7 feet of clearance from the floor to the blades.



STEP 08

Insert the wires from the mains through the top hole of the Down rod. The top canopy can then be shifted up to cover the wire connections.

Take the wires out from the bottom hole of the down rod. Securely connect the red wire to the phase/live and black wire to the neutral coming from mains as shown in the adjacent image. Securely fasten the screws on the connector to avoid any sparks due to poor connections.



STEP 09

Connect the earth wire to the terminal on the shackle kit as shown here.

(Color code of the wires may vary from the region to region, please check with your state notifications in this regard).

USING YOUR DSPWorks' Vayu FAN

Congratulations! You have successfully installed your new ceiling fan using the instructions provided in the guide.

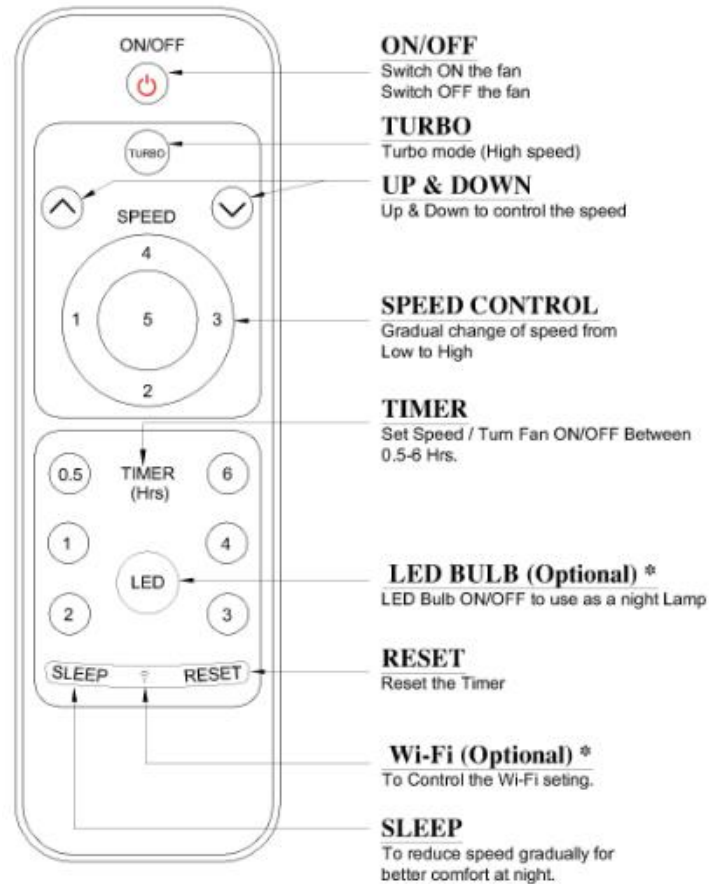
1. Restore the electrical power.
2. Power 'ON' the ceiling fan using switch on the panel in the room. The LED indicator comes ON when power supply is connected.

EFFICIENT USE OF THE CEILING FAN

- Ceiling fan performance and energy savings also rely on the proper installation. Here are few tips to ensure quality and best performance.
- Choosing appropriate mounting locations: ceiling fans should be installed or mounted in the middle of the room and at least 1 foot from the ceiling and at least 7 feet above the floor. A height of 9 feet from the floor gives optimal performance of the fan. If you have a high ceiling, use longer rods available in the neighborhood hardware shops to lower the height. Use the shackle kit with fasteners and washers to mount it. Insert R-pin at the end to prevent it from falling off accidentally.
- Turn off when not in use or out of room: when leaving the room switch off the fan using remote or directly from the panel. LED glows steady when switched off using remote but power is on from the mains. When going out for longer duration then you must switch off the fan from the panel, as this will stop the electricity flow to the fan and save every unit of energy.
- Using smart timer and sleep mode: for more information on how to use it refer section 'HOW TO USE YOUR REMOTE'. With the use of sleep button on the remote, you can program the fan to automatically reduce the speed after you sleep. This helps in saving more energy.
- Sleep mode adds smart comfort to you when temperature drops late night and you wish to auto reduce the speed.
- With timer buttons, you can switch off the fan automatically after set hours to further save energy.

HOW TO USE YOUR REMOTE

Remote provided with your ceiling fan is ergonomically designed. The soft controls on the remote are designed to last long. Last lasting AAA batteries are used in the remote.



REMOTE

* This feature is available in select models.

*Note:

- **Timer Function:** You can control the speed using the timer function. You can increase or decrease the fan speed after a specific time by setting a timer. And you can also turn the fan ON/OFF automatically after a specific time by setting a timer.
- **Timer Description:** If you want to control the speed using the timer, set the timer first and press the speed button. Your fan will rotate after a set time at the speed you choose. Or if you press the power button by setting the time, the fan will turn ON/OFF automatically after the scheduled time.

TROUBLESHOOTING

Your ceiling fan is designed to last very long with strong body and well tested electronics, however verify any problem arise please refer to the guide line shared. Please contact local electrician or service engineer if you need any help.

Trouble	Cause	Solution
Fan does not start	Fuse blown / MCB tripped	Check fuse or MCB on the mains panel /switch board
	Loose wire connection to fan or to the switch on the panel	Check the wire connection and restore the connection
	Fan still does not start	Please contact service line number provided on the first page of this manual
	Regulator is connected to the fan	It is recommended that the regulator should not be connected to this ceiling fan and it's controlled using a remote provided with it.
Fan making noise	Bearing inside the housing having problem	This ceiling fan is designed for very long use. However, over many years of use, the bearing may wear off and need to be replaced.
	Fan blades are not seated properly on the motor	Make sure that the blades are properly fastened to the body. Loose connection may cause accident.
	Shackle kit rattling	Make sure that the screws, nuts are securely fastened along with washer provided.
	Canopy is touching body	Make sure the canopy and the wire that connects the fan is touching the body of the motor.
Fan is wobbling	Nut holding motor shaft & the down rod is loose	Securely fasten the nut and bolts along with washers as per instructions provided in this manual
	Screws in shackle kit & the ceiling hook is loose	Securely fasten the nut and bolts along with washers as per instructions provided in this manual
	Fan blades are not seated properly on the motor	A common mistake is fixing the blade reverse direction. Please set it correct and securely fasten the screws.
	Fan blades are out of balance	Make sure blades are not bent during cleaning. Also interchanging them helps in balancing the blades.
Restart/Speed Variation	Regulator not bypass	Make sure the regulator is eliminated from the connection.
	Blades with wrong sweep	Check the sweep of blades with the fan sweep before assembling.

MAINTENANCE

- Periodic cleaning of your ceiling fan is the only maintenance needed.
- With cleaning, use only a soft lint free cloth or brush to avoid scratching the smooth paint finish. You can use moist cloth to remove stains if any. However, do not use water directly. Abrasive cleaning agents are not required and should be avoided to prevent damage to outer finish.



Purchase Date	
Serial Number	
Registration Contact	

Do Register your device at:
<https://www.dspworks.in/VayuBLDC>