



Superfan D20UM1005 Versa Drives Enabling Motor Control User Manual

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**D20UM1005 Versa Drives
Enabling Motor Control
User Manual**



**INDIA'S FIRST SUPER ENERGY
EFFICIENT CEILING FAN**

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D20UM1005 Versa Drives Enabling Motor Control

Thank you for choosing Superfan!

You are now a part of Superfan's mission to reduce 10000 MW of electricity demand due to ceiling fans!

VERSA DRIVES PRIVATE LIMITED

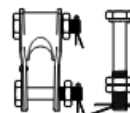
LIST OF ITEMS IN THE BOX



Fan Motor
(Based on the model)



Blade - 3 Nos.
(Based on the model)



Shackle Kit



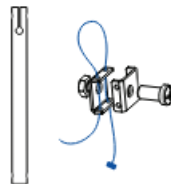
Top
Canopy



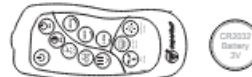
Bottom
Canopy



Canopy
Holder
(Only for
Super Q)



Down Rod &
Safety Rope



Remote
(Only for Remote Model)
(Based on the Model)
CR2032 Battery included



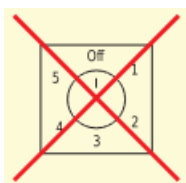
Screws & Washers
(Each 7 Nos.)



Warranty Card
& User Manual



Before opening the carton box of your Superfan, please match the model number printed on the fan motor box and the blade box. Please do not interchange the blade and the fan motor of one model with other models.



Don't connect the regulator



Caution

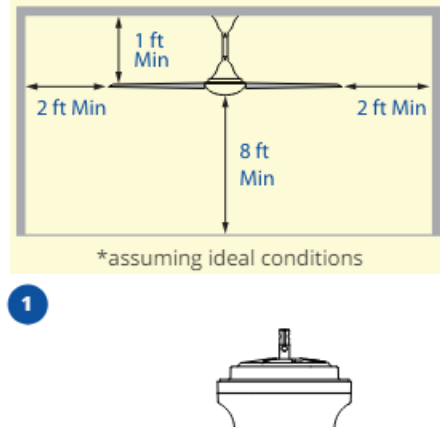
Please bypass the regulator connections while installing the Superfan (except for regulator model).

INSTALLATION INSTRUCTIONS

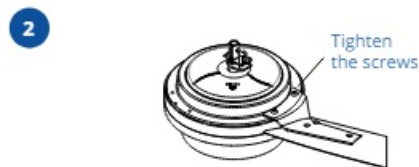
Please read these instructions carefully before handling your Superfan:

- Always ensure that the power to the fan/fan terminal is OFF and is safe to work. Take precautionary steps to the avoid power being restored to the terminal accidentally.
- Electrical wiring to the terminal must be done by a qualified electrician only.

Please install the fan with the minimum clearances given in the figure below to avoid performance loss.

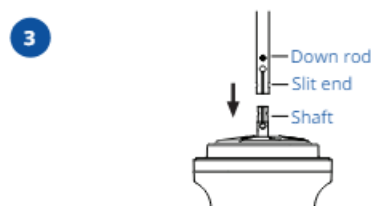


Remove all the items from the box and gently place them on a clean, soft surface. The blades must be carefully handled to avoid deformation resulting in less-than-optimal performance. Hold the motor in a stable position with the shaft pointing upwards.

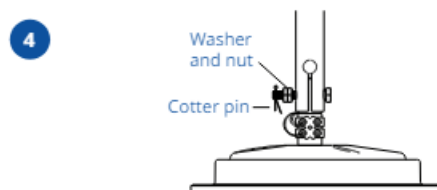


Mount the blades to the motor using the screws and spring washers. Tighten the screws sufficiently. Do not let the fan rest on the blades to avoid deformation.

Note: 60 inch may need the motor to be rested on raised platform to avoid the fan resting on the blade.

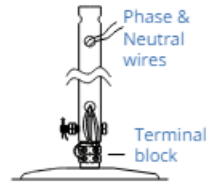


Fix the slit end of the downrod tightly onto the shaft using the bolt, washers, spring washers, and nuts.



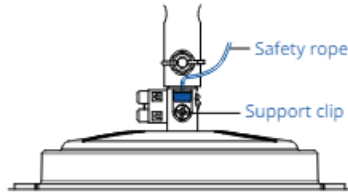
Insert the cotter pin through the bolt hole and bend its ends to fasten it.

5



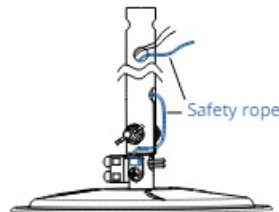
Insert the phase wire (usually red) and the neutral wire (usually black) through the hole on the side of the downrod at the top. Pull them out of the slit and connect them to the terminal block.

6



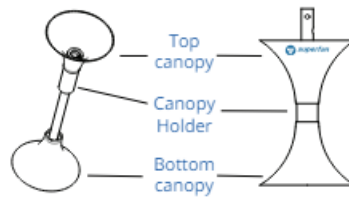
In the safety rope assembly, unscrew the metal clamp to part it into two pieces, and unwind the safety rope. Pass the un-beaded end of the safety rope through the support clip from bottom to top. Pull out through the support clip until the beaded end fastens to the support clip.

7



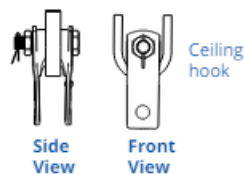
Insert the free end of the safety rope through the hole in the downrod that is free from wires. Push the safety rope through the downrod and pull it out from the hole on the side of the downrod at the top.

8



Insert the bottom canopy (one without the logo) through the downrod. Place the canopy holder on top of the bottom canopy such that it rests on the inner step of the canopy. Now insert the top canopy (one with the logo) through the downrod and pull it down through the canopy holder until it is obstructed by the bottom canopy. The top of the downrod must be visible as shown in the figure.

9

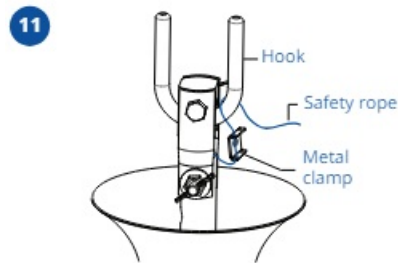


Fix the shackle kit in the ceiling hook. Ensure the tightness of the shackle nut so that the rubber support holds the clamp in the ceiling firmly.

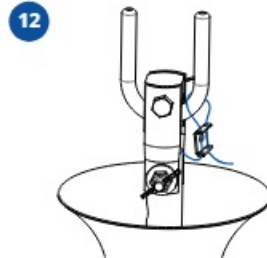
10



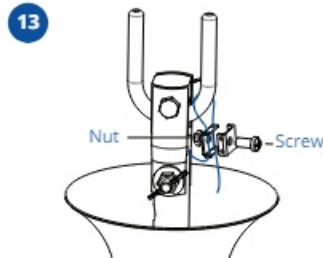
Fix the fan assembly onto the shackle using bolt, washer, spring washer, nuts and ensure tightness. Put the cotter pin into the bolt hole and bend its two ends apart to lock.



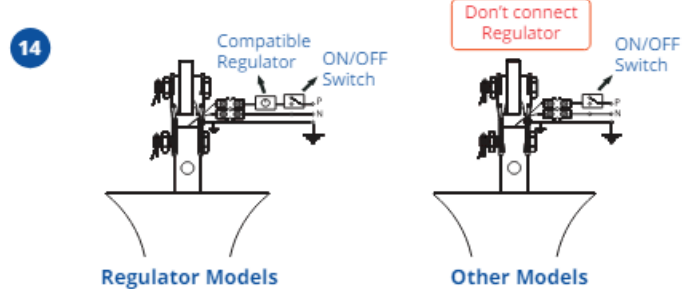
After the fan is secured by the shackle kit, pass the safety rope through one pair of holes in one piece of the metal clamp as shown in the figure.



Loop through the ceiling hook and pass the free end through the other pair of holes in the same piece of the metal clamp. Leave a slack on the loop so the fan is not supported by the safety rope alone.



Fasten the other piece of the metal clamp onto the looped piece using the screw and nut to secure the safety rope. Fold the free end of the safety rope back into the downrod from the top and raise the canopy to the ceiling.



Connect the Phase and Neutral wires coming out from the downrod to the ceiling rose.
Connect (Green/Yellow) mains earth wire to the screw marked as on the Shackle kit.

⚠ Note: Adjust the canopies such that the top canopy covers the shackle assembly near the ceiling and the bottom canopy covers the terminal block connector of the fan. Canopy touching the fan motor will lead to rubbing noise. Safety rope holds the fan temporarily to the ceiling hook during the primary suspension system's failure. The failure may occur due to improper installation, material failure, improper ceiling, etc. In case of primary suspension system failure, turn OFF the fan and secure the ceiling fan.

All models:

Rated Input Voltage (VAC) : 230, 1 Ph

Input Voltage Range (VAC) : 160 to 265

Rated Frequency (Hz) : 48 to 52

Power Factor : >0.9

Remote Battery: Lithium Coin Battery 3V (CR2032) or Equivalent

Scan the QR code for additional information, remote functions, installation procedure, trouble shooting and maintenance procedures.

www.superfan.in/usermanual



<https://superfan.in/usermanual.html>

WARRANTY CONDITIONS

VDPL guarantees to the purchaser that this product carries a limited warranty for three years, commencing from the date of purchase. In case of product registration, two years extended warranty will be provided in addition to three years (hence a total of five years warranty). Register the product online at www.superfan.in or scan the QR code given or send SMS to +91 94890 78737 with the serial numbers & bill date of the products purchased.



<https://superfan.in/customercare.php>

If you require assistance, please contact us.

CONTACT US



COIMBATORE Home of superfan

Coimbatore city is the third-largest urban agglomeration in the state of Tamil Nadu, India. It is situated at the banks of the Noyyal River surrounded by the Western Ghats. The recorded history of the region can be dated back to the 1st century AD Sangam period as a part of a region ruled by the famous Chera dynasty.

Through the ages, the area was known as Kongu Nadu and it passed through many famous rulers of the region like Cholas, Vijayanagar Empire, Nayaks, and Tipu Sultan. After the defeat of Tipu Sultan, the region was brought under Madras Presidency by the British, forming a district with Coimbatore as the capital.

There was a surge in the cotton industry in the region in the 1930s, which made the region an important economic hub and prompted rapid industrialization, especially in textiles and manufacturing. Today, Coimbatore is known for its premier manufacturing, education, and healthcare institutions and innovations in pumps, wet grinders, fans.

The city is surrounded by scenic nature reserves, water bodies, and hills, with popular places like Ooty, Saravana. Due to its long history, Coimbatore has a distinct Tamil dialect, cuisine, and culture.



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References

- [User Manual](#)

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