



USER MANUAL

MAY 2025



- |                    |                 |
|--------------------|-----------------|
| • BLDC FAN         | • LOW NOISE     |
| • ENERGY EFFICIENT | • 1320 MM SWEEP |

IS 374  
  
CMI/L - 8800112515

# Kühl TWIST

STYLISH FANS FOR MODERN HOMES

# Welcome to Kühl

Dear Customer,

Thank you for choosing Kühl BLDC Fans! It is indeed a wise decision as Kühl BLDC Fans are based on the new BLDC technology that offers energy efficiency, high airflow & low noise operation even at a high speed. This feature not only helps to keep your home comfortable but also keeps the electricity bill in check. We believe that customer satisfaction is at the core of our values as each Kühl BLDC Fan is delivered to you after going through an extensive and complete series of testing procedures that examine every area of its operation, effectiveness, and efficiency under various working situations.

Kühl BLDC Fans are here with everything you need from a fan and much more to give you all-round performance. With 1/3 the energy consumption, it is a pioneer in energy efficiency and brings you world class comfort. It's time to say goodbye to high electricity bills and be part of the smart future.

Thank you!  
Kühl BLDC Fans

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# INTRODUCTION










Experience the essence of elegant style and innovation with Kühl Twist Fans, with an aerodynamic twisted blades creation inspired by the science of windmills. Kühl Twist Fans integrated with down light, also bring high airflow with sophisticated style to your home. Embrace the convenience with its smart features for easy control via Remote, Smartphone, Wi-Fi/IoT, or Alexa. Not only summers, these fans allow you to stay cosy in winters with their reverse mode, efficiently circulating warm air. Elevate your living spaces with Kühl Twist Fans - a harmonious fusion of art and science.

## FEATURES OF YOUR KÜHL TWIST FAN

- **BLDC Technology for Energy Saving:** Kühl BLDC Fans offer better speed versus torque characteristics. It ensures high dynamic response and efficiency. Thanks to its lack of electrical and friction losses, it offers long operating life and ensures one more step towards building a sustainable future.
- **Twisted Aerodynamic Blades:** Twisted Aerodynamic design inspired by the windmills, uses the same science to deliver higher airflow and low noise at a low wattage.
- **5 Star Rated:** All Kühl BLDC Fans are 5 Star Rated that helps bring down the power consumption, thus, saving a lot of energy and money.
- **High Air Delivery:** Energy efficient operation with around 30 W Power, 1320 MM Sweep, & 175 RPM speed to fill every corner of your place with fresh air as per your need.
- **Low Noise:** The low noise operation without compromising the speed limit is one of the desired features of Kühl BLDC Fans. They operate at low speeds while providing high airflow with low turbulence and minimal wind noise.
- **Down Light:** Designed to add light and enhance the decor of your space, Kühl BLDC Fans exudes sheer elegance with its IoT-enabled down light, which can be switched ON or OFF using phone, remote, Wi-Fi/IoT operated or Alexa.
- **Reverse Mode:** Kühl BLDC Fans come with reverse mode to have a comfortable and warm winter, and have a cosy environment as per your requirements.

SPECIFICATION	Kühl Twist L3
Max Power (W)	30
Sweep (MM)	1320
Air Delivery (CMM)	260
Speed (RPM)	175

## ITEMS IN THE BOX

Items	Images	Quantity
Motor Assembly		1 N
Canopies		2 N
Down Rod		1 N
Shackle		1 N
Down Rod Bolt		1 N
Light Assembly		1 N
Blades		3 N
Fan Remote		1 N
Pencil Cell AAA		2 N
Supply Wires		1 N

# KNOW YOUR CONTROL DEVICE

## Remote Control

- **SPEED SETTINGS:** Speed varies for five different levels, wherein S1 is the lowest fan speed and S5 is the highest. Press as per your requirement.
- **SLEEP MODE:** Auto speed control for uninterrupted comfortable sleep. Select this setting before going to bed, and the speed will automatically drop to the minimum pace you specify.
- **BUILT-IN TIMER:** You can use timer settings for 1 h, 4 h, & 8 h, accordingly.
- **BOOST MODE:** Press this button to accelerate the fan past its maximum speed directly when it's too hot.
- **REVERSE MODE:** When you put the fan into reverse, it draws air upward. This brings the warmer air near the ceiling back down into the lower half of the room, where the people are.



## IoT/Wi-fi

**Please follow the given steps to connect K hl fan to Wi-Fi Network:**

- Use a Paired Remote.
- Switch ON Fan.
- Press & hold "Boost" button.
- On remote for 10s.
- 2 Beeps indicate success.
- Use K hl mobile app for Wi-Fi Pairing.

## Voice command/Alexa

**To set up Alexa:**

Simply link your Alexa account to the K hl mobile application to setup Alexa with your K hl fan.

# POWER SAVING & ENERGY EFFICIENT GUIDE

Kühl BLDC Fans come with revolutionary and super energy-efficient BLDC motor technology that consumes less energy. Our fans consume only 1/3rd of the power consumed by induction fans. Kühl BLDC Fans run on just 30 W at full speed whereas induction fans run on approx. 80 W.

## COST SAVING GUIDE

	Ordinary Fans	Kühl Twist Series
Power consumption	75 W	30 W
Assumed usage of fan per day (hours)	16 h	16 h
Power consumption – KWh Units per day	1.2 kWh	0.48 kWh
Electricity bill per day @ Rs 7/unit	Rs 8.4	Rs 3.36
Electricity bill per annum	Rs 3066	Rs 1226
Savings per annum	-	Rs 1840
Cost saving (Up to)	-	60%

## MOUNTING RECOMMENDATIONS & MAINTENANCE

- A minimum height of 2.3 m above the ground is required for the fan's mounting. Allow enough room from the ceiling for the high-level cabinet doors to open. At least 0.25 m should separate the blade from the ceiling.
- The horizontal distance from the nearest wall to the blade tip should be around 0.5 times the fan sweep, for example, from 1500 MM, it should be 750 MM.
- There should be a minimum clearance of 2 times the fan sweep between the centres of two fans, for example, 1500 MM should be 3000 MM.
- Turn the fan OFF before cleaning, to prevent any harm or damage. Be extremely cautious while working around the fan. There is no additional type of maintenance needed except routine dusting. To prevent scratches, use a soft brush or a lint-free cloth. Avoid using solvent, abrasive, or hard detergent.
- To prevent the fan from wobbling or dropping, never exert too much power while cleaning the blades. To prevent any inconvenience, frequently check that the nuts, bolts, screws, and washers are in the correct position.

## SAFETY GUIDELINES

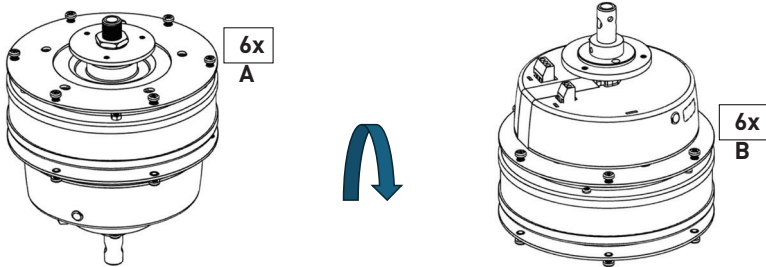
Read the safety guidelines carefully to understand the installation, use, and maintenance.

- Never place any part of the packaging within the reach of children/differently abled.
- Avoid using moist or damp hands while switching ON/OFF this appliance.
- Before cleaning and doing other maintenance procedures, be sure to turn OFF the fan's power supply.
- To prevent mishaps, it is advised to inspect the suspension system of the ceiling fan every six months to ensure that the fasteners are properly tight.



# ASSEMBLY INSTRUCTIONS Kühl TWIST SERIES FAN

## STEP 1. OPEN THE BLADE SCREWS

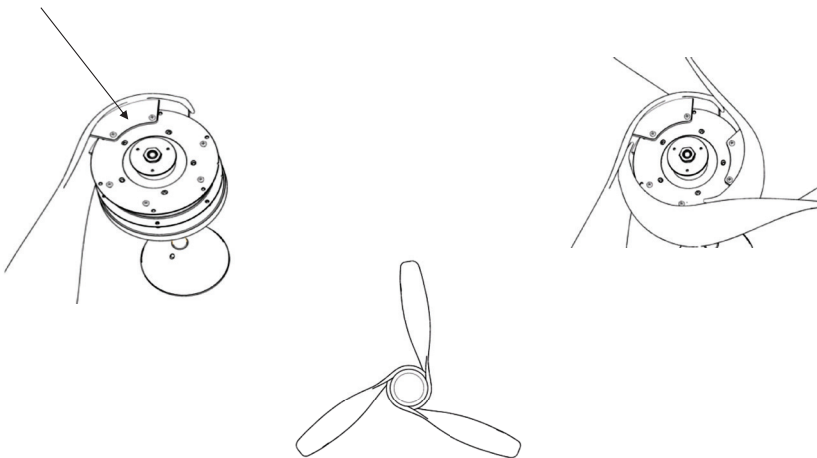


Place the motor assembly as shown and remove all 6 blade screws (A) from bottom side of motor.

Turn the motor around and open 6 blade screws (B) from top side also.

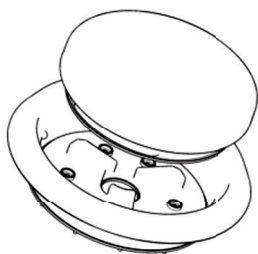
## STEP 2. ASSEMBLE BLADES

Screw the 6 blade screws on top plate.

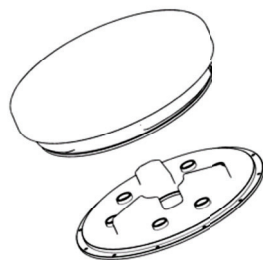


Screw 6 blade screw on bottom plate. Place the motor with light side up, and install all blades with blade screws on top and bottom plate.

## STEP 3. OPEN THE LIGHT HOUSING

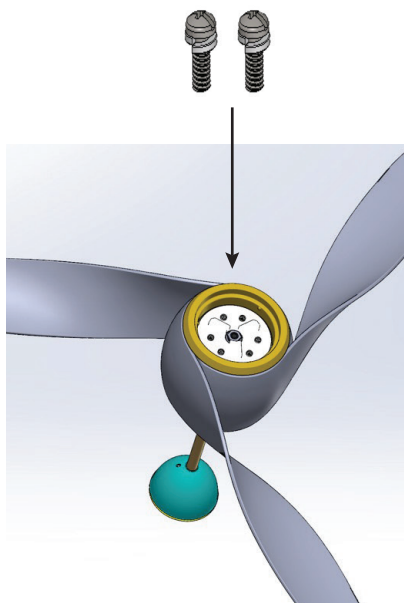


Open the diffuser  
(A) from light unit.



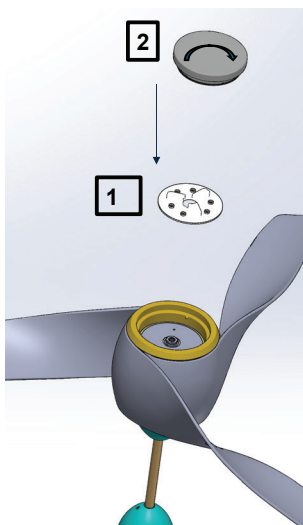
Take out the LED disk from  
light housing.

## STEP 4. ASSEMBLE THE LIGHT HOUSING



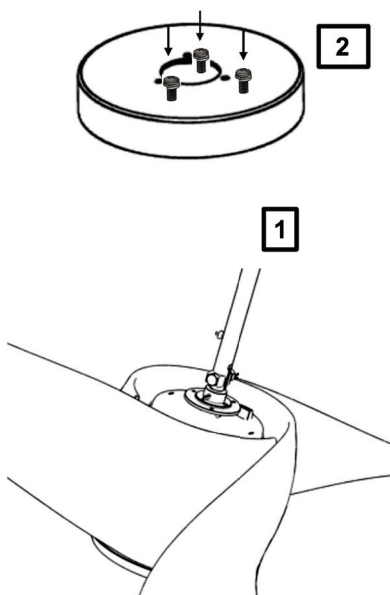
Remove 3 screws from LED fixing plate (1), place the light housing on it, and tighten with the same 3 screws (2).

## STEP 5. COMPLETE LIGHT UNIT ASSEMBLY



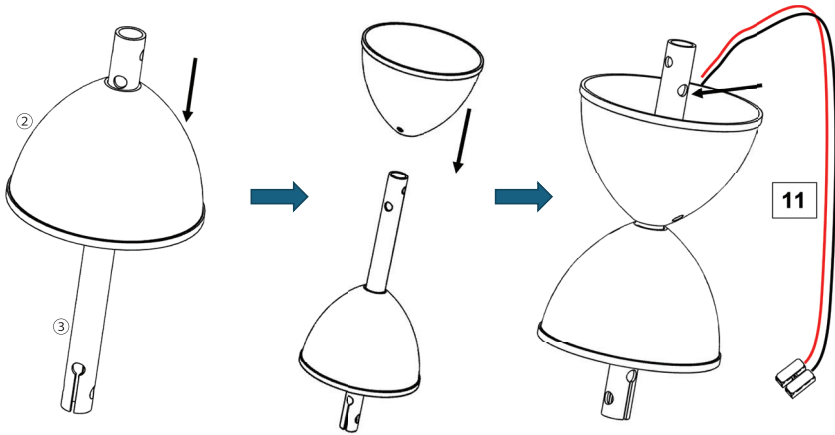
Fasten the LED (1), make wire connections , and close with diffuser (2).

## STEP 6. ASSEMBLE FALSE COVER



Remove 3 screws from false cover fing bracket (1), place the false cover on it, and tighten with the same 3 screws (2).

## STEP 7. ASSEMBLE DOWN ROD AND CANOPIES

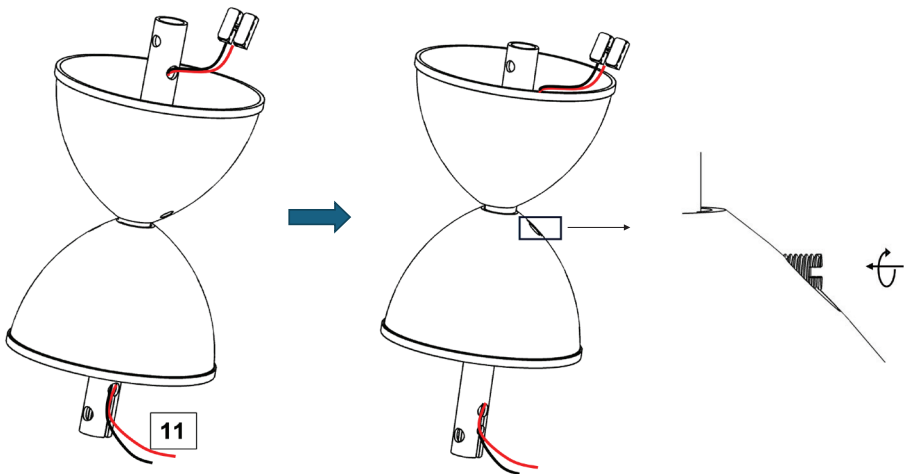


Insert bottom canopy ②  
from top end  
of down rod ③ (no-slit end).

Insert top canopy also  
from same end.

Insert supply wire provided  
through the lower one of the  
top side holes in down rod.

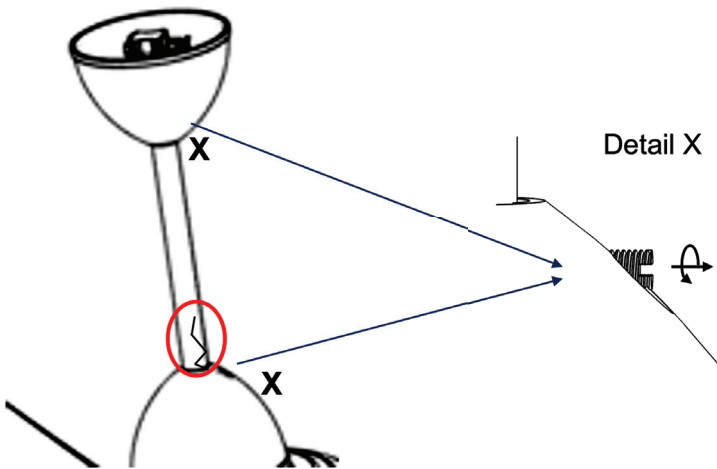
## STEP 8. INSERT SUPPLY WIRE



Take the supply wire [11] out from  
the slit-end of down rod. ③

Raise the canopies up and lock in place  
by tightening the lower canopy screw.

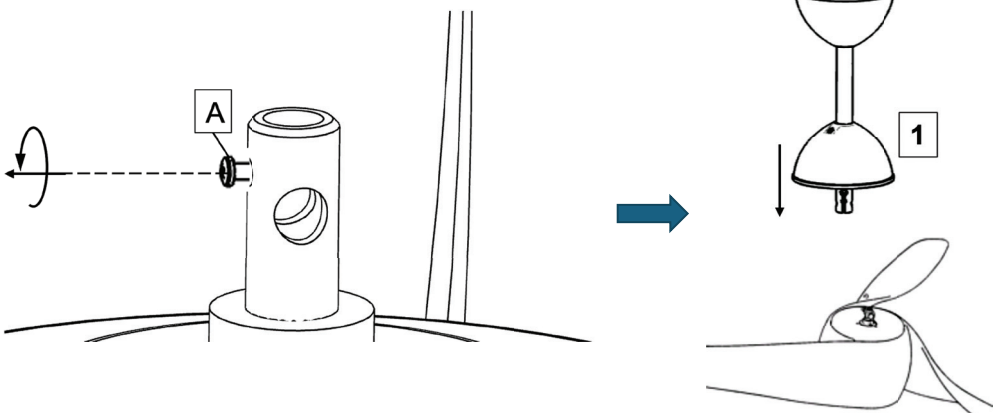
## CAUTION : DON'T MOVE CANOPY WHILE SCREW IS TIGHTENED



With screws [X] tightened, there can be scratches incurred on down rod on movement of canopy.

Always loosen the screw before moving the canopy up / down, and re-tighten the screw after desired placement.

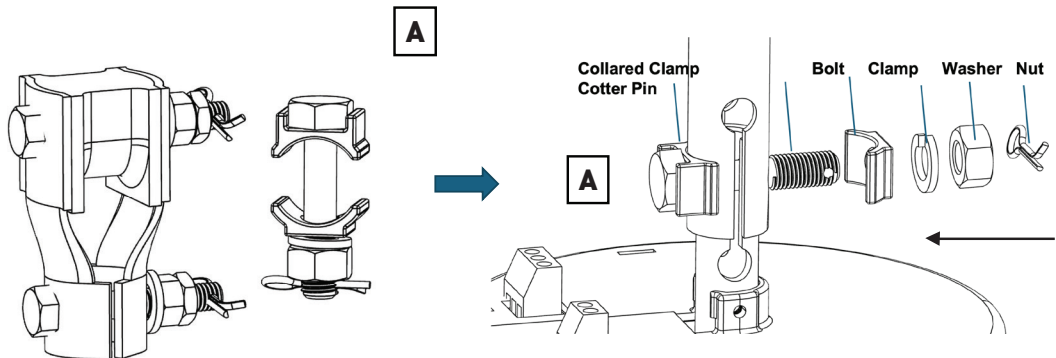
## STEP 9. START DOWN ROD ASSEMBLY



Unfasten safety screw (A) on shaft.

Place down rod (1) over motor shaft, with slit-end downwards, as shown.

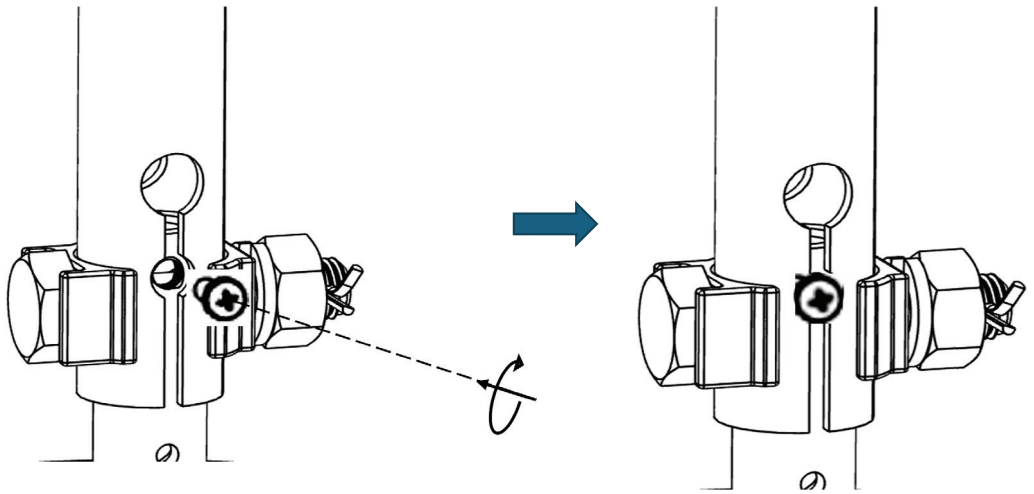
# STEP 10. INSERT THE DOWN ROD BOLT



Take the down rod bolt (A) from shackle kit.

Insert the down rod bolt with collared clamp through down rod and shaft holes. Assemble other bolt parts.

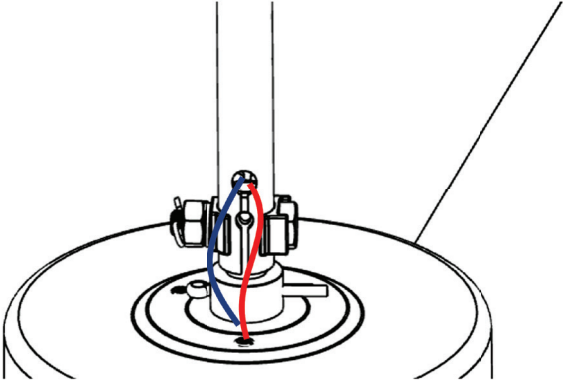
# STEP 11. SAFETY SCREW ASSEMBLY



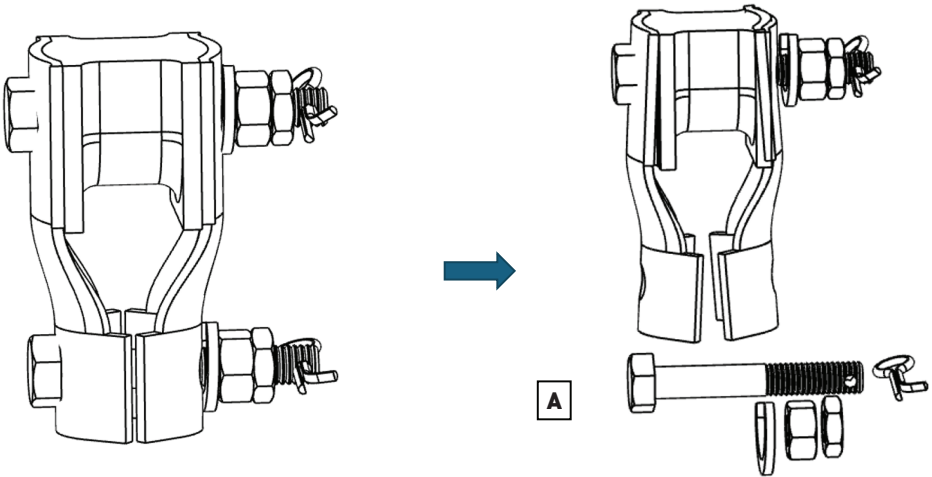
Re-insert the safety screw.

Safety screw tightened.

**STEP 12. MAKE INPUT ELECTRIC CONNECTION INTO THE CONNECTOR COMING OUT OF FAN**



**STEP 13. OPEN LOWER BOLT (A) FROM SHACKLE**

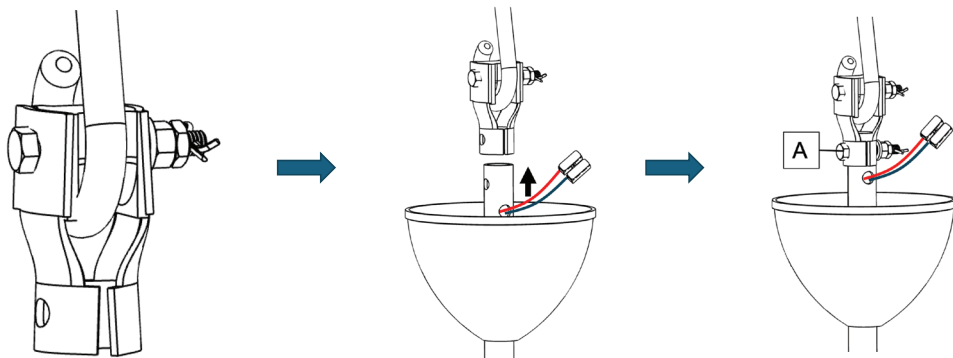


## STEP 14. INSTALL SHACKLE AND HANG THE FAN

Insert shackle into ceiling hook.

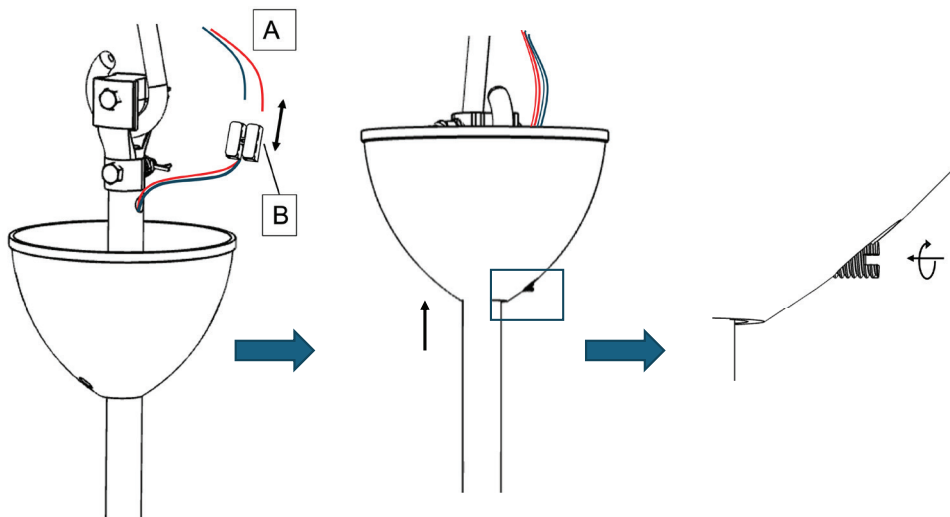
Raise fan to shackle.

Re-insert lower bolt (A).



Tighten with washer, nut, lock nut and cotter pin in sequence as written.

## STEP 15. CONNECT TO ELECTRIC SUPPLY

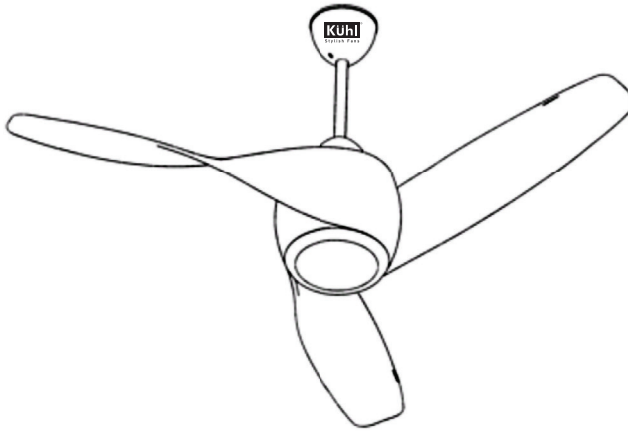


Connect the wires from main supply (A) into fan connector (B).

Raise the canopy and tighten the canopy screw.



## ASSEMBLED TWIST FAN



## HOW TO OPERATE KÜHL TWIST BLDC FAN

### Important Instructions regarding Regulator:

- Fan regulator is not required for this BLDC fan because it is operated by remote.
- You should ask your electrician to bypass the regulator in switch board wiring. Otherwise the fan may not operate properly.
- If the fan wiring is already through a regulator in the switch board, then make sure that the regulator is always set at max speed, and any change in speed should be done by remote.

# HOW TO OPERATE REMOTE CONTROL DEVICE

## Get the Remote ready.

- Insert 2 Nos. AAA batteries provided into the remote unit's slot provided at back.
- Switch ON the fan from the switch board to operate it with the remote as explained hereafter pair the remote with fan, if not paired already.
- Press the POWER button on remote to start the BLDC fan.
- In case the fan starts running, your remote is already paired.
- However if the fan does not run, the remote requires pairing with the fan.

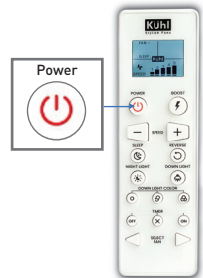
## Do the following:

- Switch OFF the fan from the switch on the wall, and switch it ON again.
- Within 45 sec of switch ON, press the POWER button on the remote and keep it pressed for 10 sec. You'll hear a double beep. The fan is now paired and can be operated with the remote.



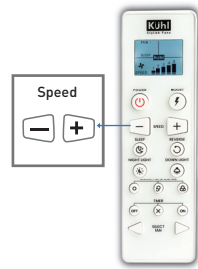
## Power ON/OFF Button

- Press POWER button on remote to start the BLDC fan.
- Beep sound will indicate that it is switched ON.
- Press POWER button again to switch ON/OFF the BLDC fan.
- BLDC fan always re-starts at last switch OFF speed.
- In case there is a power failure, the fan will automatically restart at previous speed.
- If you want to switch OFF the fan during power failure, you have to switch it OFF from the Main board switch in the wall, as remote is not operational without power.
- It is recommended to switch OFF the fan from the wall mounted switch when going out of home.



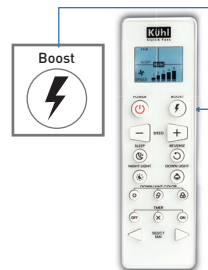
## Speed Buttons

- Kuhl BLDC Fans come with five different speed settings. You can control the speed, with the help of the (-) & (+) buttons. For instance, to decrease the speed press (-) and vice – versa.



## Boost Button

- If you want to run the BLDC fan at maximum speed press BOOST button on remote. A beep will confirm the action.



## Down Light Button

- To turn on the down light, press the down light button from the fan remote, as soon as you press it, the down light of the fan will turn on.
- Pressing the down light button again will change the colour of light. Pressing yet again will again change the colour of light to third light mode. Pressing once again will switch OFF the light.



ALL Kühl TWIST FANS ARE 5-STAR RATED BY BEE

1

2

3

4

5

MORE STARS

MORE SAVINGS

POWER SAVINGS

GUIDE

ENERGY EFFICIENCY

Service Value - 8.7\*

Label Period: 17<sup>th</sup> Jan, 2024 to 31<sup>st</sup> Dec, 2025

Appliance /Type : Ceiling Fan

Brand : KUHIL

Model Name/Year : KUHIL TWIST-L3-1320/2024

Motor Type : BLDC

Sweep Size (mm) : 1320 mm

Power Input (watts) : 30 watts

Air Delivery (cu/m/min) : 260 cu m/min

BEE/KEN/1300446/22

\*Under test conditions. When tested in accordance with IS 374:2019 including all amendments

Actual service value may vary as per site conditions.

Kühl TWIST L3  
(1320 mm)



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