Kühl

Stylish Fans

BLDC FAN | ENERGY EFFICIENT | LOW NOISE | 1400 MM SWEEP

Kühl Glanz Series

STYLISH FANS FOR MODERN HOMES

User Manual

Dear Customer,

Thank you for choosing **Kühl Stylish Fans!** It is indeed a wise decision as **Kühl Stylish Fans** are based on the New Technology named BLDC that offers energy efficient and low noise operation. This feature not only helps to keep the room cool but also keeps the electricity bill in check. The fans operate at a high speed and without noise. We believe in customer satisfaction as each **Kühl Stylish 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 Stylish Fans are here with everything you need from a fan and much more to give you all-round performance. With 1/3rd 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 a part of the smart future.

Thank you!

Kühl Stylish Fans

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Introduction

Style has never been defined in a better way than the Kühl Glanz Series Fans that not only enhances the style quotient of your home but also makes it more awe-inspiring than ever. Designed to make your space more aesthetically pleasing and stylish, they are designed with a classy combination of stylish finish and new-edge features. Despite their stylish appearance, Kühl Glanz Fans work on 30 Watt power as against heavy 80-W induction fans. Kühl Glanz is not just functionally powerful but also beautiful, making them a must to enhance the aesthetic appeal of your home.

Features of your Kuhl GLANZ BLDC Fans

1. **BEE Star Rating:** Your fan is with 5 star rating, the highest provided for energy efficiency by Power Ministry.

2. **Fan Sweep:** This is tip to tip maximum diameter of fan including blades. For your fan, this diameter is 1400 mm, or 56 inches.

3. **Low Noise:** A low noise operation without compromising speed limit is one of the most desired features of Kühl Stylish Fans. They operate at low speeds while providing high air flow with low turbulence and minimal wind noise.

4. **Winged Blades (F3):** Featuring a gorgeous design inspired by the style and aesthetics of nature, these fans have winged blades just like an aeroplane to deliver higher airflow.

5. **One Fan, Many Operations:** Kühl Stylish Fans are IoT-enabled, making them highly efficient and easy to use. Conveniently set to adjust the fan speed, lighting preferences, different modes, set timer, and a lot more via:

    - Remote
    - Voice Enabled Devices, such as Alexa, Bluetooth
    - Smartphones
    - Alexa

6. **Aerodynamic Blades:** Aerodynamic design helps deliver higher airflow and low noise at a low wattage.

7. **Reverse Mode:** During winters, when hot air gets stuck at the top of the ceiling, you can switch on the reverse mode for air circulation, so you can feel warm air consistently spread across the place.

8. **Attractive Design:** Stylish enough to enhance the look of your place, Kühl Stylish Fans feature decorative trims and a sleek surface that become the centre of attention in any space.

9. **5 Star Rated:** All Kühl Stylish Fans are 5-Star Rated that helps bring down the power consumption, thus, saving a lot of energy and money.

SPECIFICATION	Kühl Glanz F3
Power (Watt)	30
Sweep (mm)	1400
Air Delivery	232
Speed in RPM at 5th position	220

Items in the box

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	2 N	
Pencil Cell AAA	2 N	
Supply wires	1 N	

Know your Controller

• Remote

1. **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.

2. **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 as you specify.

3. **BUILT-IN TIMER:** You can use timer settings for 1 hour, 4 hours, & 8 hours accordingly.

4. **BOOST MODE:** Press this button to accelerate the fan past its maximum speed directly when it's too hot.

5. **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.

    NOTE: Sleep mode, Built-In timer mode, and Reverse mode are available through KUHL Fan's App.

• IoT/Wi-fi

Please follow the given steps to connect Kühl 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 Kühl mobile app for Wi-Fi Pairing

• Voice command/Alexa

To set up Alexa:

Simply link your Amazon/Alexa account to the Kühl mobile application to setup Alexa with your Kühl fan.

Power Saving & Energy Efficient Guide

Kühl Stylish 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 ordinary fans. Kühl Stylish Fans run on just 30 watt at full speed whereas ordinary induction fans run on approx. 80 watt.

	Ordinary Fans	Kühl Glanz 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%

1. A minimum height of 2.3 meters 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 meters should separate the blade from the ceiling.

2. The horizontal distance from the nearest wall to the blade tip should be around 0.5 times the fan sweep, for example, from 1200 mm, it should be 600 mm.

3. There should be a minimum clearance of 2 times the fan sweep between the centers of two fans, for example, 1200 mm should be 2400 mm.

4. 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.

5. 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 correct position.

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

1. Never place any part of the packaging within the reach of children/differently abled.

2. Avoid using moist or damp hands while switching On/Off the appliance.

3. Before cleaning and doing other maintenance procedures, be sure to turn off the fan's power supply.

4. 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 Glanz Series Fans
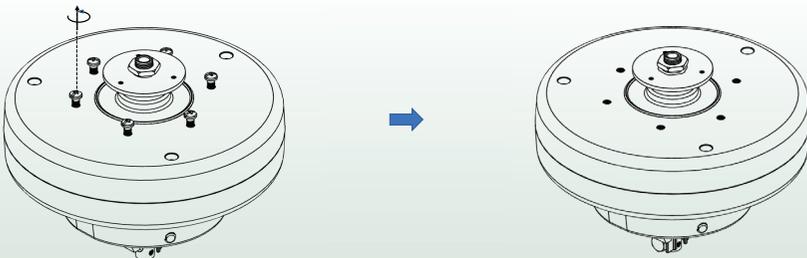
Fix the 6 screws of the blades from Motor Assembly Bottom Cover

6 Screws of the blades removed
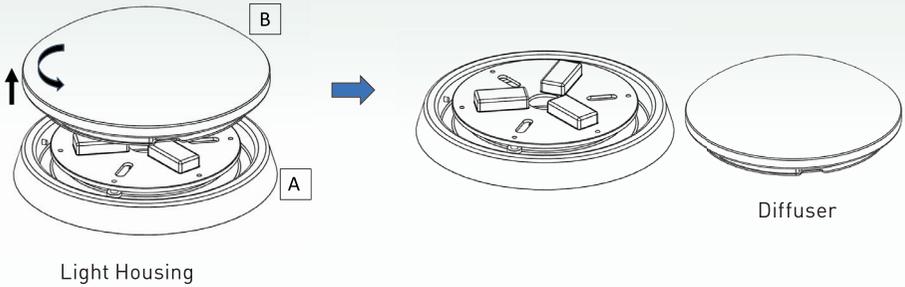
Install First Blade
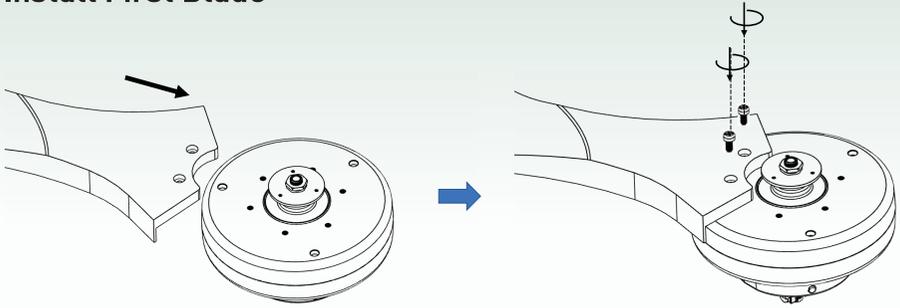
Bring the Blade towards Motor Assembly, as shown

Place as shown, align Blade holes with Cover holes, and reinsert the Blade Screws
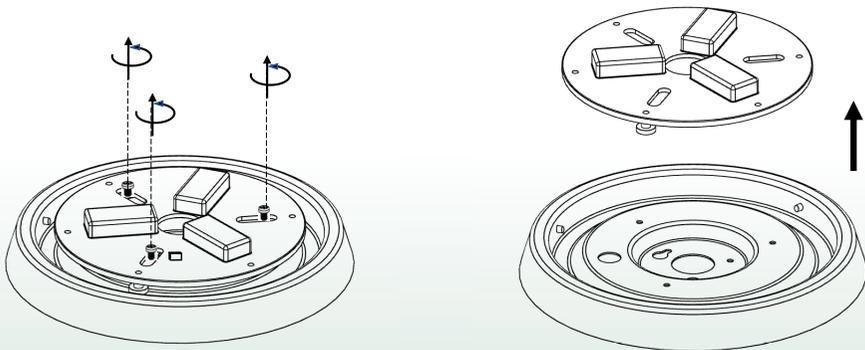
Install All Blade
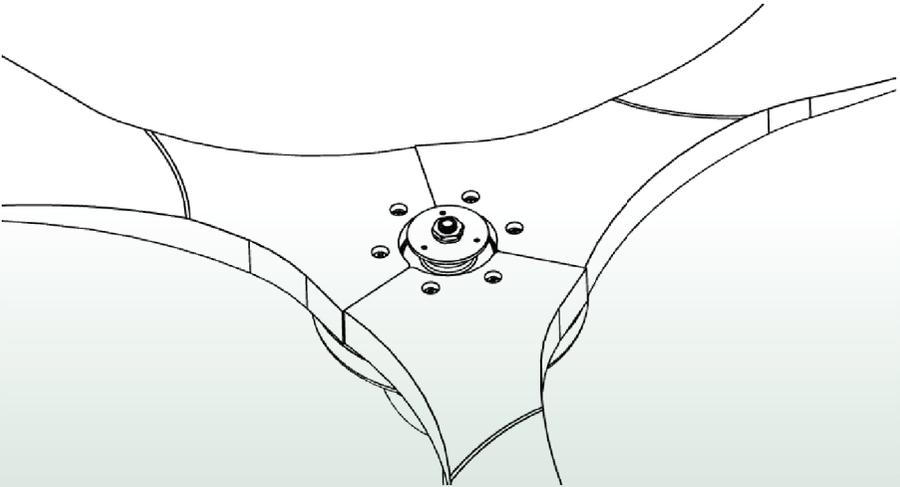
Install all 3 blades in similar way
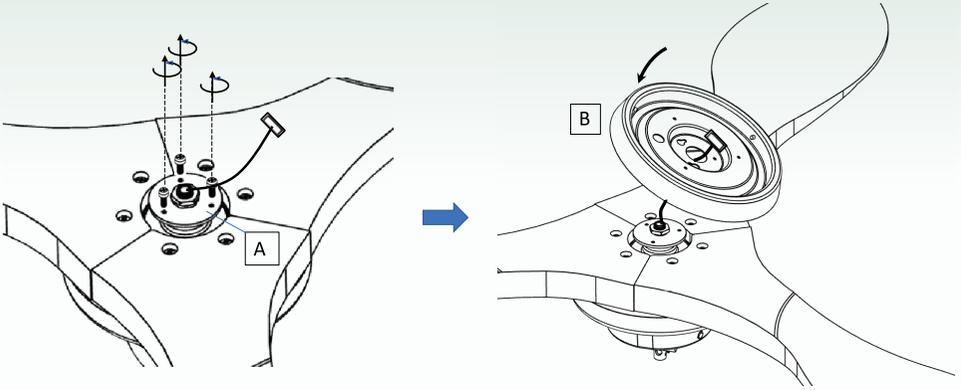
Open Light Unit

B

A

Light Housing

Diffuser

• Flip Light Unit Upside Down
• Hold Bottom half **(A)**, and turn Upper half **(B)** (LED Diffuser) Anticlockwise
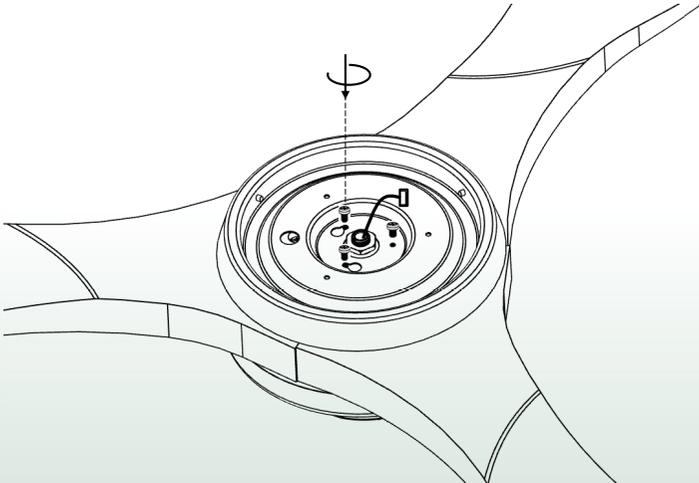• The Light Unit will open in Two parts, Housing and Diffuser

Remove LED

Open the 3 LED Nuts and remove LED, place aside.

Place Light Housing on Fixing Plate

- Open 3 screws on Fixing Plate **(A)**
- Place the Housing **(B)** of opened LED on Fixing Plate **(A)** The Light wire should come out of Light center hole

Fix Light Housing on Fixing Plate

Fix Light Housing on Fixing plate with the 3 screws opened before

Reconnect LED on Light Housing
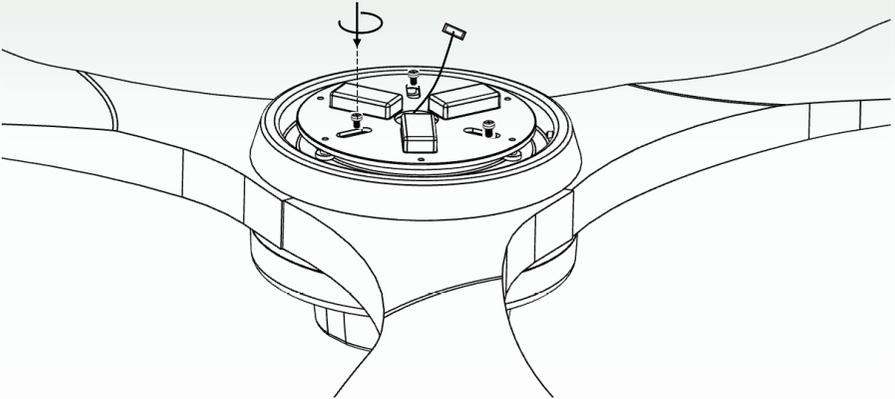
Use the three nuts opened earlier to reassemble LED on the Light Housing

Connect Harness wire connector from Fan Unit into LED-disk Connectors
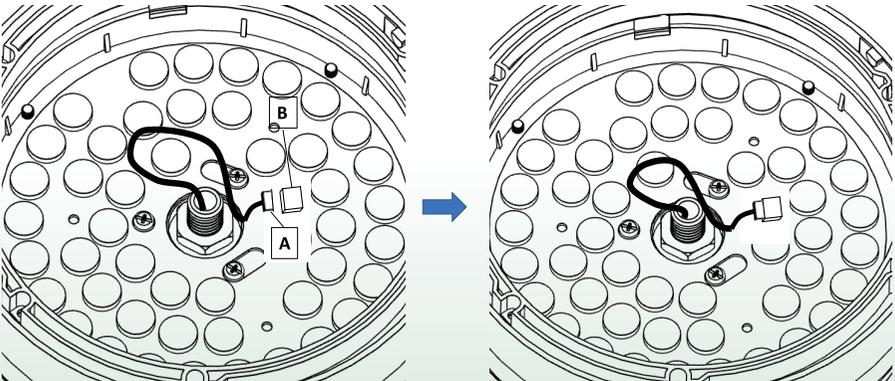
Insert the Wire connector **(A)** into corresponding connector socket **(B)** on LED Plate

Assemble Down Rod and Canopies
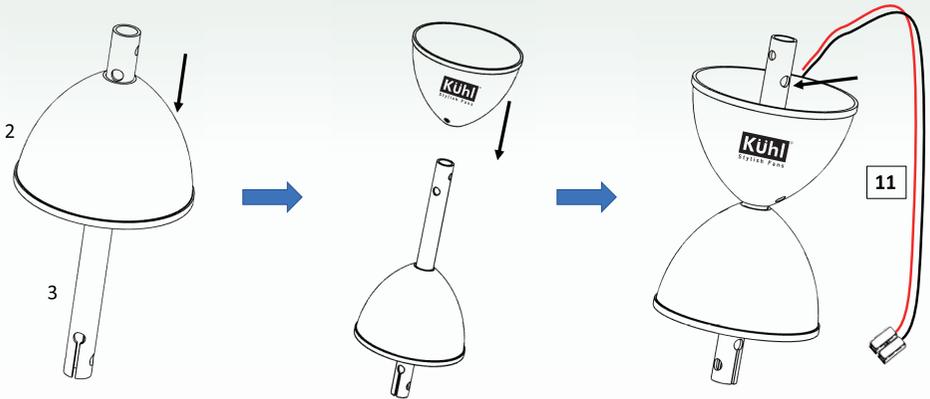
- Insert Bottom Canopy **(2)** from Top end of Downrod **(3)** (no-slit end)
- Insert Top Canopy also from the same end
- Insert Supply Wire provided through the lower one of the Top side holes in Downrod

Insert Supply Wire
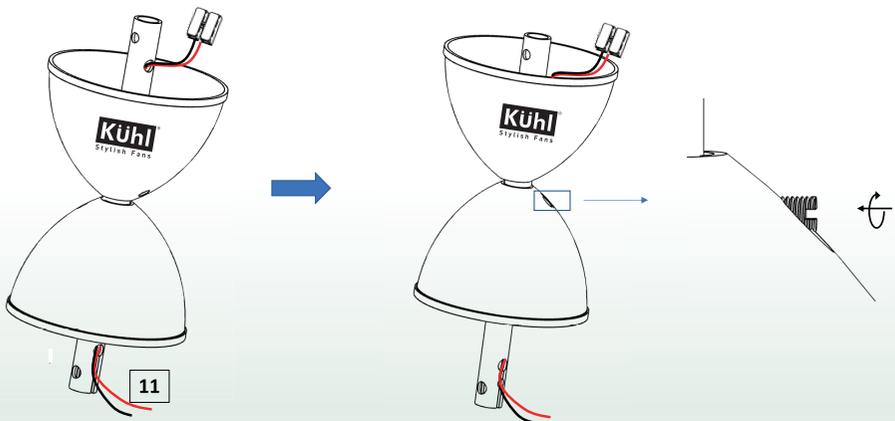
- Take the Supply wire **(11)** out from the slit-end of Downrod **3**
- Raise the Canopies up and lock in place by tightening the lower canopy screw

10

Caution : Don't move canopy while screw is tightened

Detail X

X

X
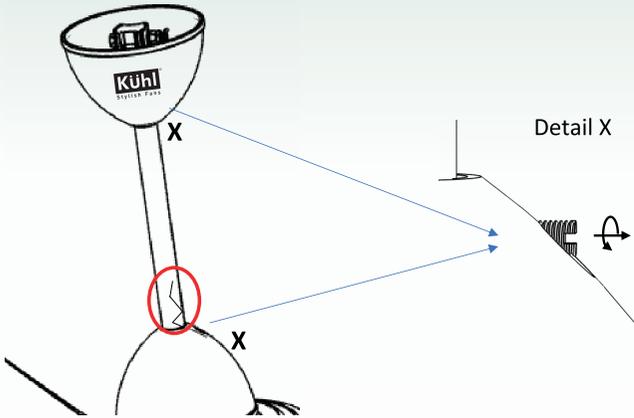
With screws **X** tightened, there can be scratches incurred on Down Rod on movement of canopy.

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

Start Down Rod Assembly

A

1
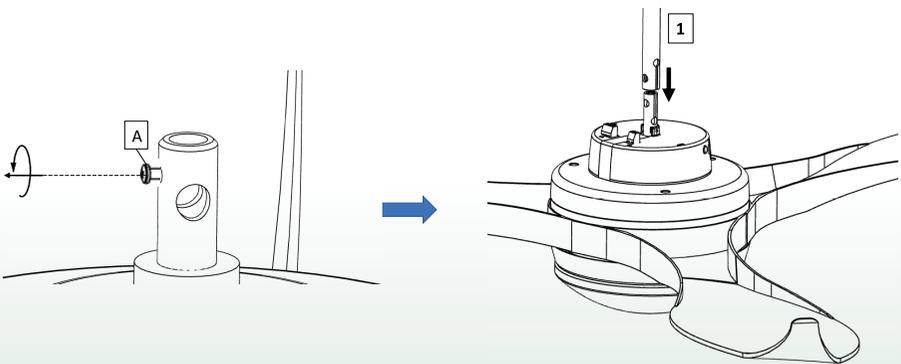
• Unfasten Safety screw **(A)** on shaft
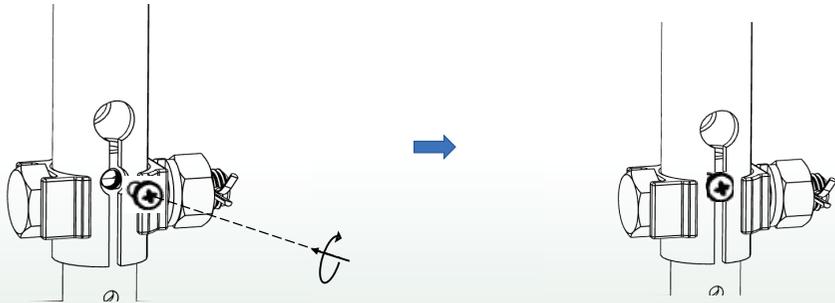• Place Down Rod **(1)** over Motor Shaft, with slit-end downwards, as shown

11

Insert The Down Rod Bolt

Collared Clamp　　　Bolt　Clamp　Washer　Nut　Cotter Pin
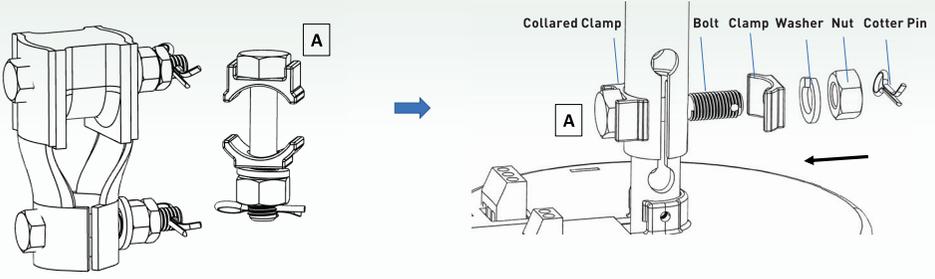
Take the Down Rod Bolt **(A)** from Shackle kit Shackle

Insert The Down Rod Bolt with Collared Clamp through Down Rod and Shaft Holes. Assemble other bolt parts.
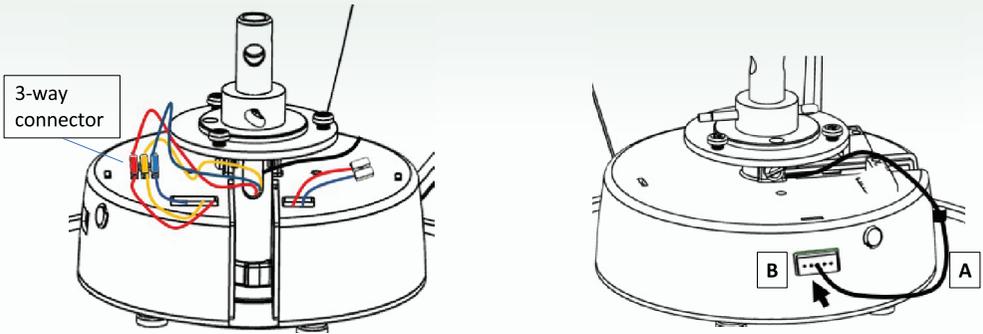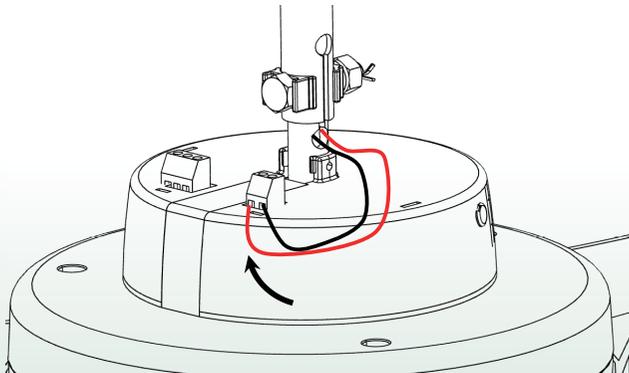
Safety Screw Assembly

Reinsert the Safety screw

Safety screw tightened

## Check Output Wire Connections from Controller

3-way connector

B   A

• Make sure that same color wires are paired –
  Red to Red on either end of paired connector, Yellow to Yellow, Blue to Blue
• Check Connection of LED wire **(A)** from Motor into PCB Box Light connector **(B)**

Make Input Electrical Connection

Connect the Supply wires from Down Rod into 2-way Wire connector

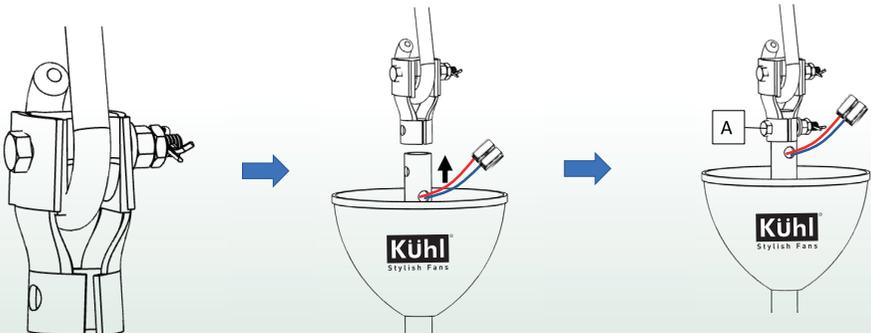## Open Lower Bolt (A) from Shackle
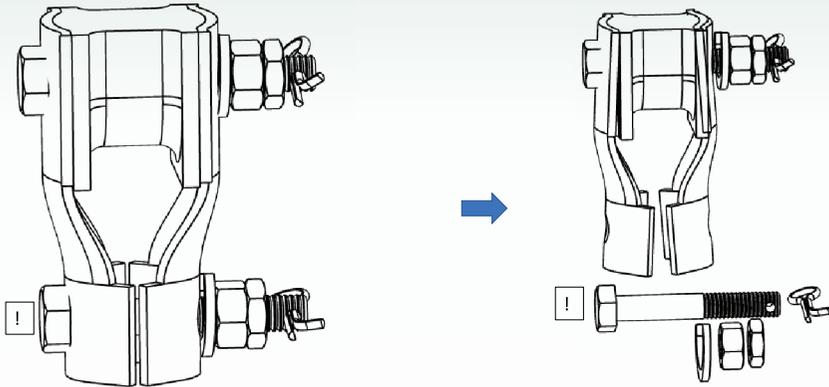
Install Shackle and hang the Fan
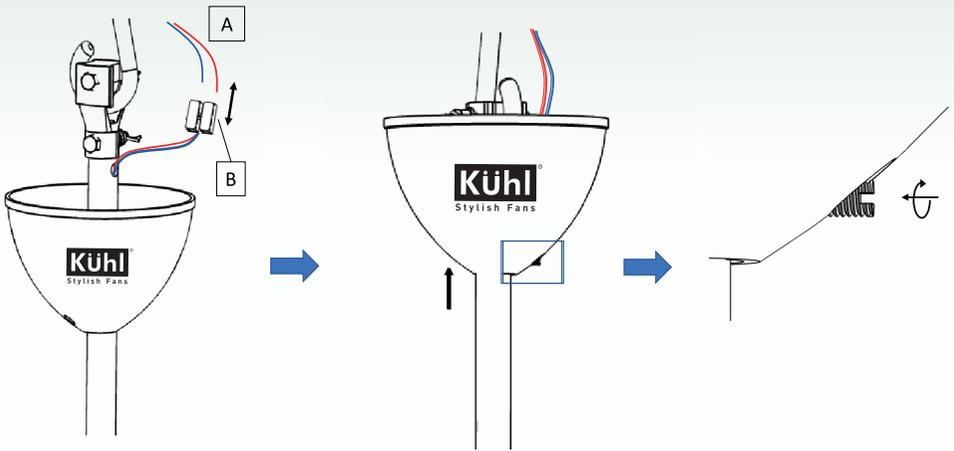
Insert Shackle into Ceiling Hook   Raise Fan to Shackle   Re-insert Lower Bolt **(A)**
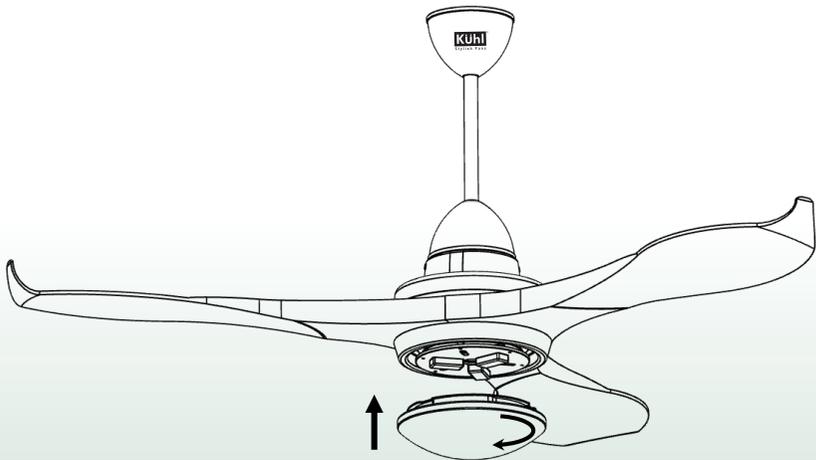

Tighten with Washer, Nut, Lock Nut and Cotter Pin in sequence as written
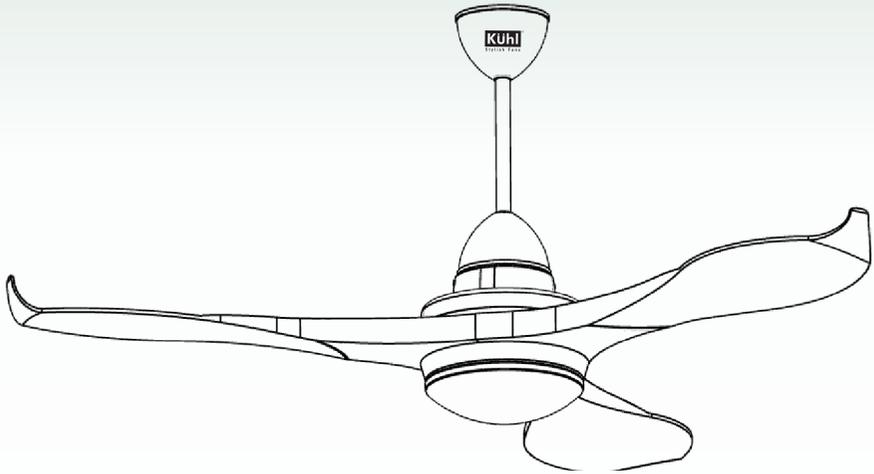
Connect to Electric supply

• Connect the wires from Main Supply (A) into Fan connector (B)
• Raise the Canopy and tighten the Canopy screw

Install Light Diffuser

Inset Diffuser in Light Housing and turn Clockwise to tighten

GLANZ Fan fully assembled and installed

How to operate Kühl Glanz BLDC Fan

Important Instructions regarding Regulator:

- Fan regulator is not required for this BLDC fan because it is operated by remote. It also operates on Smart Phone, Alexa, & Voice-enabled devices.
- You should ask your electrician to bypass the Regulator in Switch Board wiring. Otherwise, fan may not operate properly.
- If Fan wiring is already through a Regulator in switch board, then make sure that Regulator is always set at max speed, and any change in speed should be done by Remote
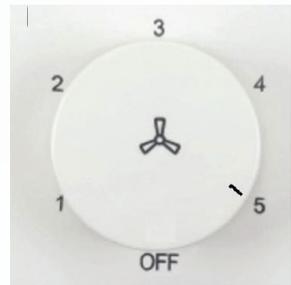
How to Operate Remote Control Device

Get the Remote ready.

• Insert 2 AAA Batteries into the Remote Unit's slot provided at the back.

• Switch ON the fan from switch board to operate it with Remote as explained hereafter.

Pair the remote with fan, if not paired already

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

Power ON/OFF Button

• Press power button on remote to start BLDC Fan

• Beep sound will indicate that it is switched ON.

• Press power button again to switch off / on 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 must switch it off from the
   main board switch in wall, as remote is not operational without power.

• It is recommended to Switch off the fan from wall mounted switch when going out
   of home.

Speed Buttons

• Kühl Stylish Glanz fans comes with five different speed
   settings from slowest (1) to fastest (5). To vary speed, press
   SPEED button (1 to 5) on Remote. A beep will confirm the action.

• Upon Switching On after a switch off, the fan will restart at same
   speed it was running before the switch off.

Boost Button

• If you want to run this fan at maximum speed, press
   BOOST button on Remote. A beep will confirm the action.

Troubleshooting

If Fan does Not Run / gives Beep sounds / Stops while running

1. First check the Wiring connections below the two canopies

2. Change remote to see if the supplied remote is faulty.

3. If changing remote does not help, change PCB Controller card to see if the original
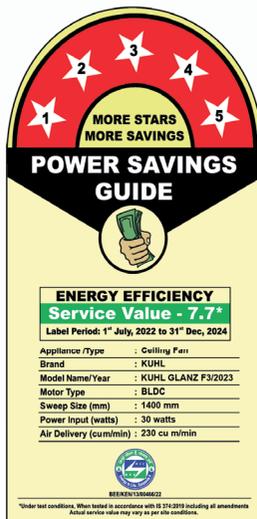   card had any issues.

If Light does not work

1. Ensure Input Voltage is between 200V and 255V. Light may not work outside these limits due to inbuilt protection logic.
2. Thereafter check the wiring harness connection into Down LED, and into Side of PCB controller box
3. Change LED and check
4. Change remote to see if the supplied remote is faulty.
5. If changing remote does not help, change PCB controller card to see if the original card had any issues

If Fan is Wobbling

1. Check that shackle is free and not touching the roof. Use Kühl-supplied Shackle.
2. Check that Down Rod is vertical and not touching false ceiling. Enlarge false ceiling hole if needed.
3. Use Kühl-supplied Down Rod. Customer's Down Rod may not fit properly.
4. Fan Blades must be installed carefully, with no eccentricity.

If Fan gives Humming sound

1. Ensure that Down Rod and Shackle are free and vertical, and not touching roof / false ceiling.
2. Ensure all screws / nuts are properly tightened.
3. Change controller and check the sound again
4. Sound may be coming from bearings – consider changing the bearings

Kühl Glanz F3 is 5-Star Rated By BEE

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