



USER MANUAL



MAY 2025

BLDC
FAN

ENERGY
EFFICIENT

LOW
NOISE



Kühl JUWEL
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 bills 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 1/3rd 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











Immerse your living space in the captivating allure of the Kühl Juwel Series Fans, elevating your home's atmosphere to new heights. Designed to enhance the aesthetic appeal of your interiors, these fans feature a Downlight that adds a stylish touch and makes a powerful statement in any indoor space. Despite these impressive features, Kühl Juwel Fans operate on just 29 W, offering up to 65% electricity savings. The series includes the Kühl Juwel J3, boasting a 1200 MM sweep to ensure both functionality and beauty, effortlessly enhancing your home's atmosphere.

FEATURES OF YOUR KÜHL JUWEL 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 frictional losses, it offers long operating life.
- **29 Watt power with 1200 MM Sweep & 350 RPM Speed:** Energy efficient operation with optimal sweep and speed lets you stay comfortable all day long.
- **Low Noise:** Low noise operation without compromising on the speed limit is the most important benefit of Kühl BLDC Fans.
- **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.
- **Remote Operated:** Eliminates the need of regulators to control the speed of your fans. Just use the battery operated remote adjust the speed of Kühl BLDC Fans as per your choice.
- **Higher Air Force:** Its higher airflow ensures unmatched comfort for every corner of the place. It's pathbreaking aerodynamic technology keeps your home environment pleasant.
- **Attractive Design:** Stylish enough to enhance the look of your home, Kühl BLDC Fans feature decorative trims and a sleek surface that become the centre of attention in any space.


SPECIFICATION	Kühl Juwel J3 (1200 mm)
MAX POWER (W)	29
SWEEP (MM)	1200
MAX SPEED (RPM)	350
AIR DELIVERY (CMM)	220
WITH REMOTE	YES

ITEMS IN THE BOX

Fan Motor	1 N	
Light Unit	1 N	
Canopy	2 N	
Down Rod	1 N	
Blades	3 N	
Shackle	1 N	
Down Rod bolt	1 N	
Fan Remote	1 N	
Pencil Cell AAA	2 N	
Supply wires	1 N	

KNOW YOUR REMOTE CONTROL DEVICE

(FOR KÜHL JUWEL FANS)

BUTTON	FUNCTION	
POWER	Single Button for Fan (ON/OFF) Upon Power ON the Fan restarts at last Switch OFF speed.	
BOOST	Fan runs at Maximum Speed	
SPEED 1	Fan runs at Speed level 1	
SPEED 2	Fan runs at Speed level 2	
SPEED 3	Fan runs at Speed level 3	
SPEED 4	Fan runs at Speed level 4	
SPEED 5	Fan runs at Speed level 5	
1H	Fan turns OFF after 1 hour. To activate the Timer, press TIMER ON after pressing 1H	
4H	Fan turns OFF after 4 hours. To activate the Timer, press TIMER ON after pressing 4H	
8H	Fan turns OFF after 8 hours. To activate the Timer, press TIMER ON after pressing 8H	
TIMER ON	Activates the OFF Timer for Fan. This needs be pressed soon after pressing 1H / 4H / 8H button	
TIMER OFF	Cancels the timer	
SLEEP	Speed of Fan decreases by 1 speed level after every two hours. Upon reaching Speed 1, fan keeps running at Speed 1 till switched off	
DOWNLIGHT	The Kühl Juwel Fan features an integrated Downlight, adding style and ambience to your home. - Downlight Feature	

COST SAVING GUIDE

	Ordinary Fans	Kühl Juwel Fans J3 (1200 mm)
Power consumption	75 W	29 W
Assumed usage of fan per day (hours)	16 h	16 h
Power consumption – KWh Units per day	1.2 kWh	0.464 kWh
Electricity bill per day @ Rs 7/unit	Rs 8.4	Rs 3.25
Electricity bill per annum	Rs 3066	Rs 1186
Savings per annum	-	Rs 1880
Cost saving (Up To)	-	61%

MOUNTING RECOMMENDATIONS & MAINTENANCE

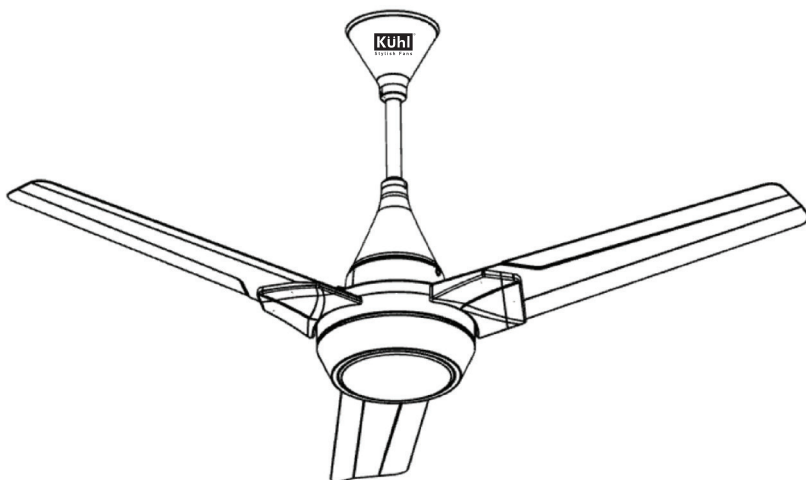
- A minimum height of 2.3 m above the ground is required for mounting the fan. Allow enough room from the ceiling for the high-level cabinet doors to open. At least 0.25 m should separate the blade from the ceiling.
- The horizontal distance from the nearest wall to the blade tip should be around 0.5 times the fan sweep, for example, from 1200 MM, it should be 600 MM.
- There should be a minimum clearance of 2 times the fan sweep between the centres of two fans, for example, 1200 MM should be 2400 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 solvents, abrasives, or hard detergents.
- To prevent the fan from wobbling or dropping, never exert too much pressure while cleaning the blades. To prevent any inconvenience, frequently check that the nuts, bolts, screws, and washers are in the correct position.

SAFETY GUIDELINES

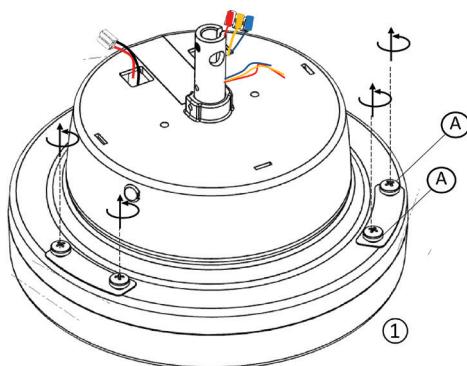
Read the safety guidelines carefully to understand the installation, use, and maintenance.

- 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 fastened

ASSEMBLY INSTRUCTIONS KÜHL JUWEL SERIES FANS

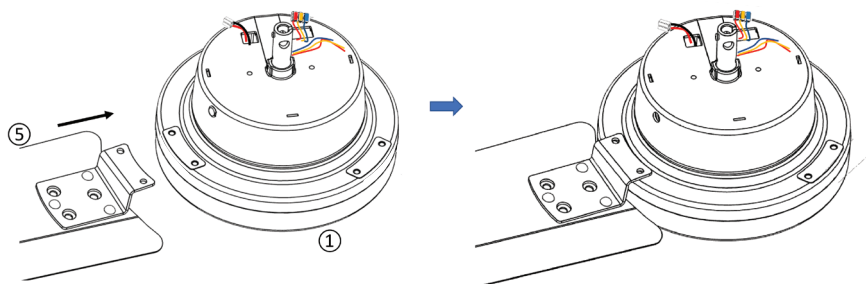


STEP 1: OPEN MOTOR SCREWS FOR BLADE FIXING



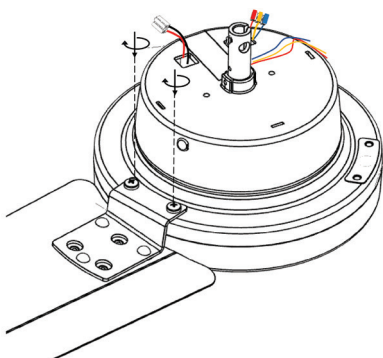
Place the Motor unit (1) over a soft and thick cloth or a Towel to prevent scratches, and open the 6 Blade screws as shown

STEP 2A. ASSEMBLE 1ST BLADE



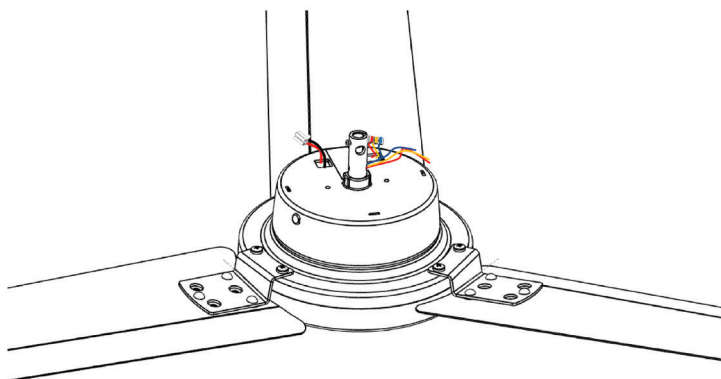
Bring 1st Blade (5) towards fan Motor (1), and align with Blade holes on Motor unit

STEP 2B. ASSEMBLE 1ST BLADE



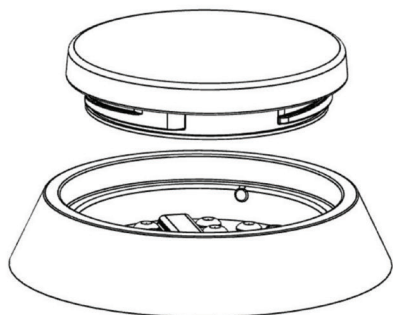
After alignment of Blade assembly holes and motor holes, tighten the screws.

STEP 2C. ASSEMBLE ALL 3 BLADES



In a similar manner as done for the 1st blade, assemble the other 2 blades

STEP 3A. OPEN THE LIGHT HOUSING

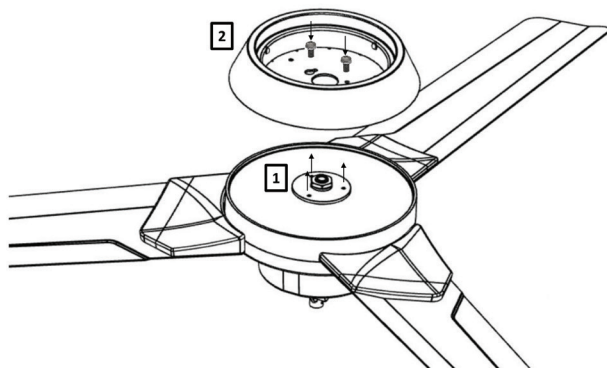


Open the Diffuser from Light Unit



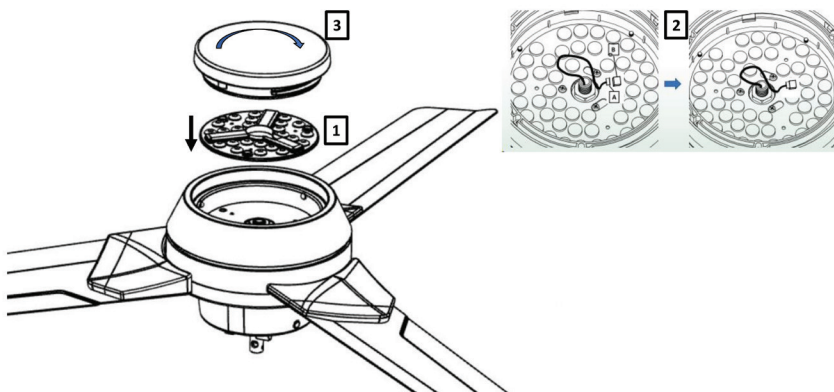
Take out the LED disk
from Light housing

STEP 3B. INSERT CANOPIES OVER DOWNROD



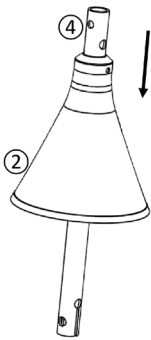
Remove 3 screws from LED Fixing Plate (1), Place the Light Housing on it, and tighten with the same 3 screws (2)

STEP 3C. ASSEMBLE THE LED

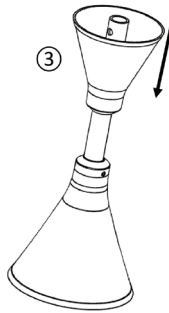


Fasten the LED (1), make wire connections (2) , and close with diffuser (3)

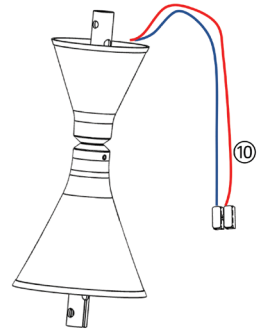
STEP 4. INSERT CANOPIES OVER DOWNROD



Insert larger Canopy (2) from Non-Slit end of Down Rod (4)

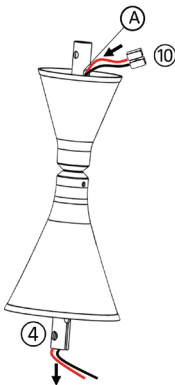


Insert smaller Canopy (3) also from Non-Slit end, as shown

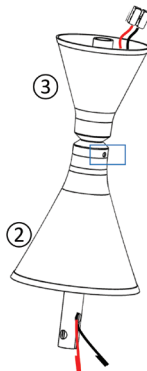


Bring the Supply wire(10) to insert into Down Rod.

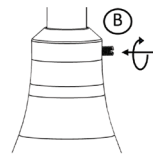
STEP 5. INSERT SUPPLY WIRE INTO DOWNROD



Insert Wires (10) from lower one of the Top holes (A) and pull them out from slot-end of Down Rod (4) at bottom



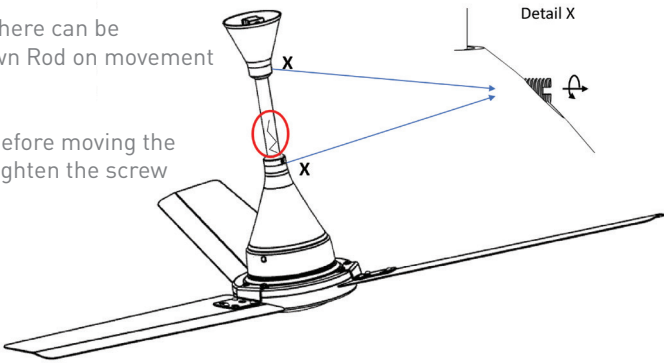
Raise the Canopies (2)(3) and lock in place by tightening the screw (B) in Lower canopy



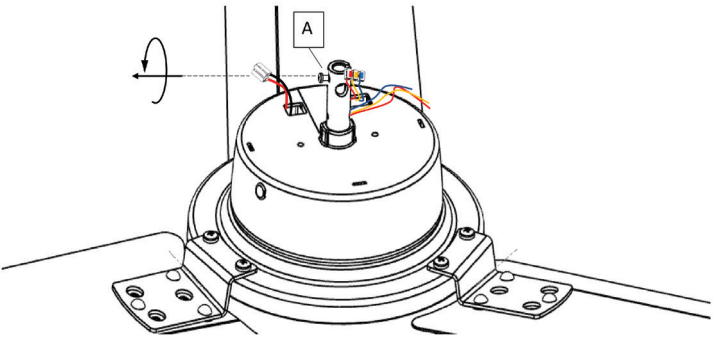
CAUTION- DON'T MOVE CANOPY WHILE SCREW IS TIGHTENED

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 retighten the screw after desired

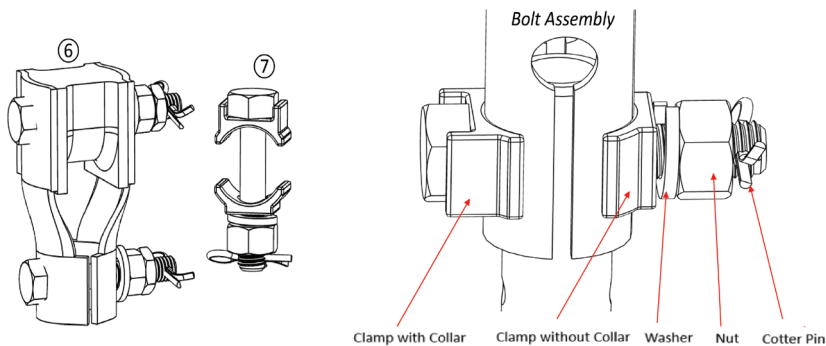


STEP 6. PREPARE FOR DOWNROD ASSEMBLY



Unfasten Safety screw (A) on shaft

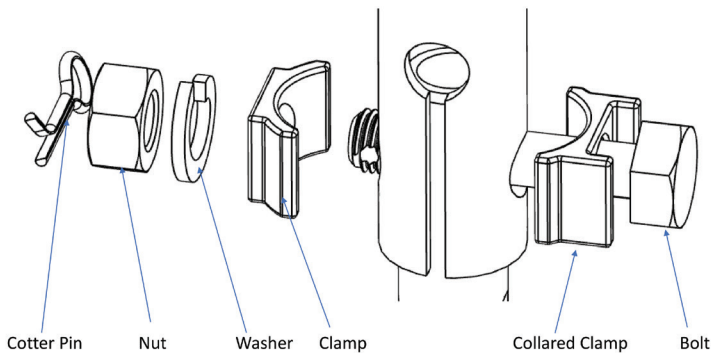
THE DOWN ROD BOLT



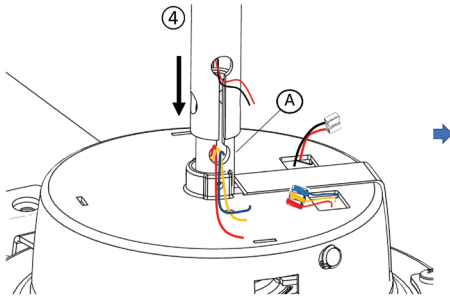
Take the Down Rod Bolt(7)
from Shackle kit(6)

Bolt Assembly Details

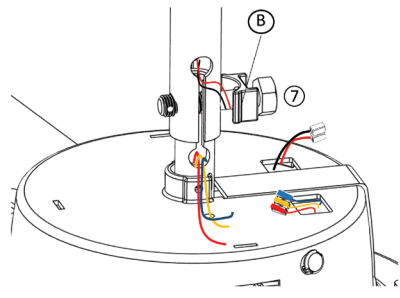
BOLT ASSEMBLY SEQUENCE



STEP 7A. DOWN ROD ASSEMBLY

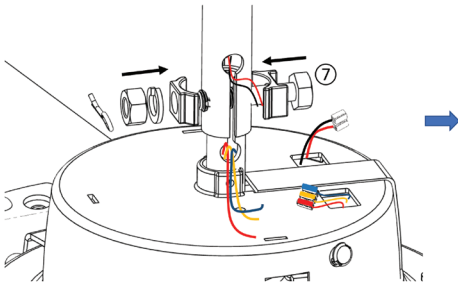


Insert Down Rod(4) slit-end downwards over Motor Shaft (A)

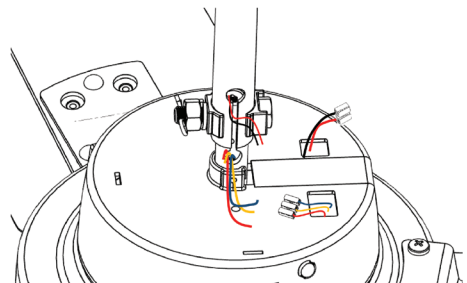


Insert Down Rod Bolt (7) with Collared Clamp (B)

STE 7B. DOWN ROD ASSEMBLY

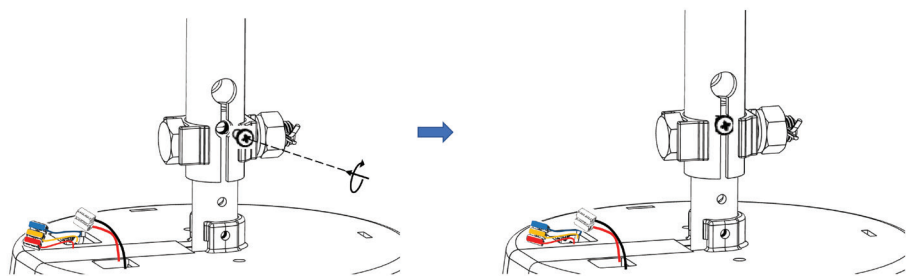


Fasten the Down Rod bolt(7) as shown



Down Rod bolt fastened

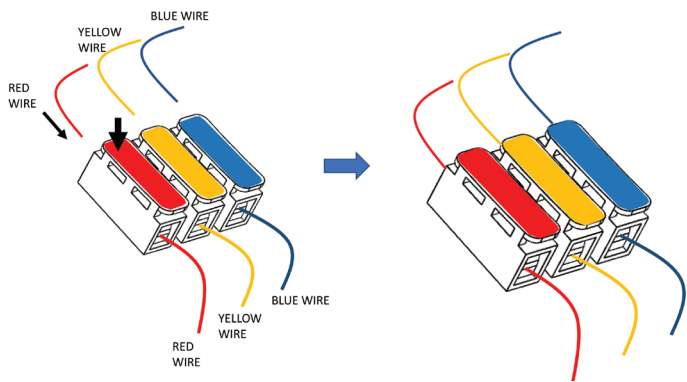
STEP 7C. DOWN ROD ASSEMBLY



Reinsert the Safety screw

Safety screw tightened

PUSH FIT 3-WAY CONNECTOR

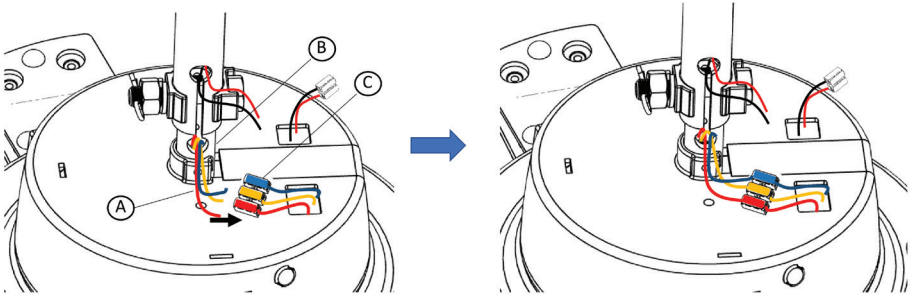


Wire Connection Method
वायर कनेक्शन का तरीका

- Press दबाएं
- ↓
- Insert Wire तार डालें
- ↓
- Release दबाव हटाएँ

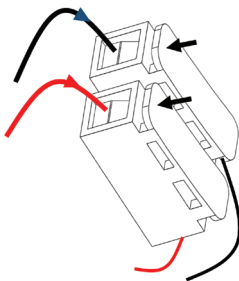
Connect RED wires into both sides of RED connector, YELLOW wires into both sides of RED connector, and BLUE wires into both sides of BLUE connector

STEP 8. MAKE MOTOR WIRE CONNECTIONS



Connect 3 Motor Wires [A] from Shaft [B] into 3-way push connector [C] .
Make sure that same color wires are paired matching with Connector colour

PUSH FIT 2-WAY CONNECTOR



Wire Connection Method
वायर कनेक्शन का तरीका

Press दबाएं



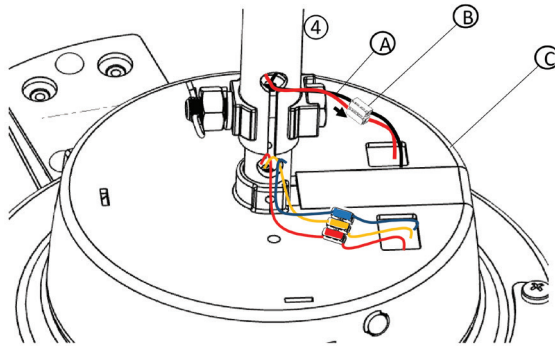
Insert Wire तार डालें



Release दबाव हटाएँ

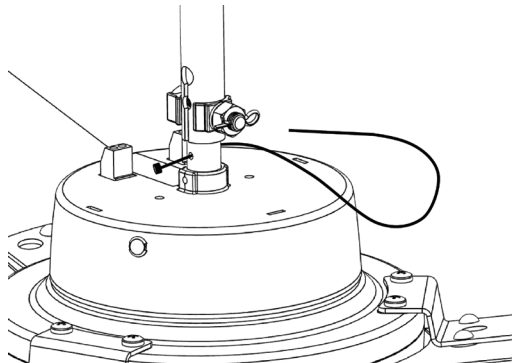
There is no need of matching wire colours in 2-way Push Fit Connector

STEP 9. MAKE SUPPLY WIRE CONNECTIONS



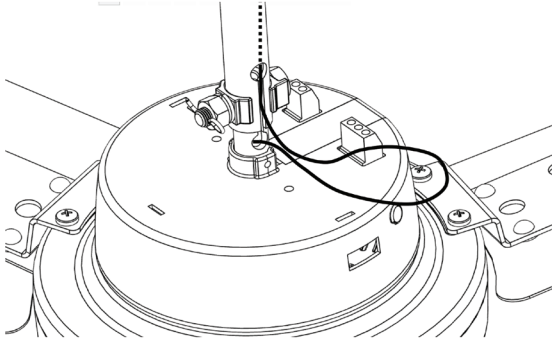
Now connect the 2 Supply wires (A) coming from Down Rod (4) into 2-Way Push connector (B) from PCB Box (C) . The color matching is not required here.

SAFETY WIRE ASSEMBLY -1



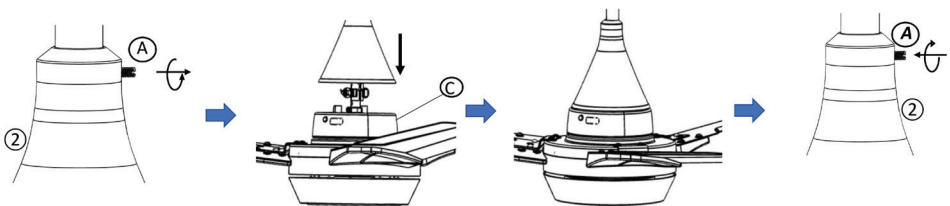
Insert the safety wire through 3mm hole in shaft as shown and take out from other end.

SAFETY WIRE ASSEMBLY -2



Loop the Safety Wire through slot in Shaft-Down Rod assembly and push upwards. Pull the wire out from top of Down Rod.

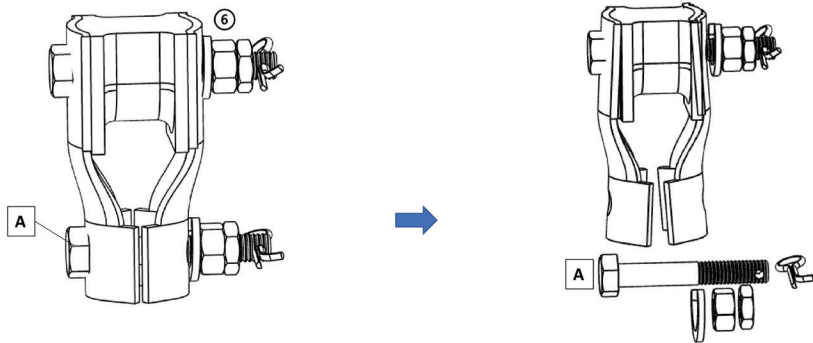
STEP 10. BRING LOWER CANOPY DOWN



Loosen The Screw (A) and Bring the Bigger / lower Canopy ② down till it sits on PCB Box (C)

Fasten back the Screw (A) to lock the canopy ② in position

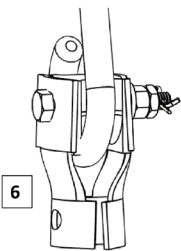
STEP 11. OPEN LOWER BOLT FROM SHACKLE



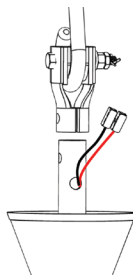
Open the Lower Bolt (A) from Shackle (6), and remember the assembly sequence – Washer, Nut, Lock Nut and Cotter Pin

STEP 12. INSTALL SHACKLE AND HANG THE FAN

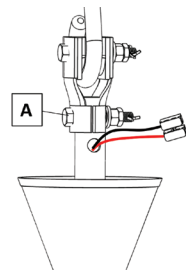
Insert Shackle (6) into Ceiling Hook



Raise Fan to Shackle

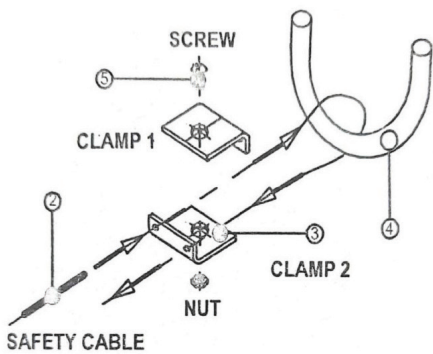


Re-insert Lower Bolt (A)



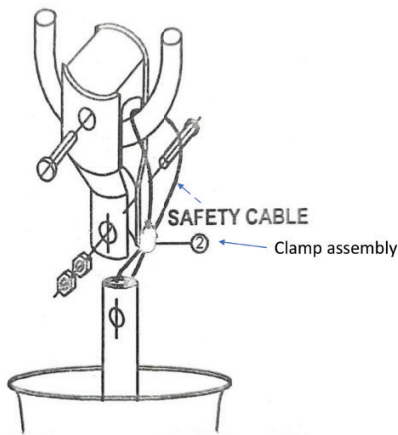
Tighten Bolt (A) with Washer, Nut, Lock Nut and Cotter Pin in sequence as written

INSERT SAFETY WIRE IN CEILING HOOK



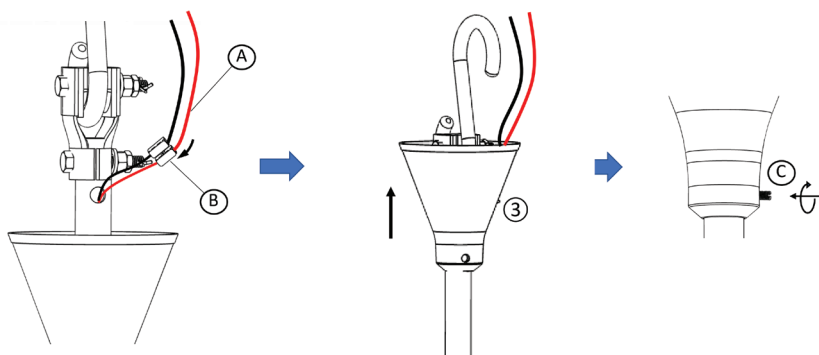
1. Insert the Safety Wire through two holes of Clamp 2
2. Loop it through Ceiling Hook
3. Thereafter insert the wire through other two holes of same Clamp 2
4. Finally tightly fasten Clamp 1 over Clamp 2 with screw and nut

INSERT SAFETY WIRE IN CEILING HOOK



Take care that there is some slack in Safety wire, and it does not support the fan directly.

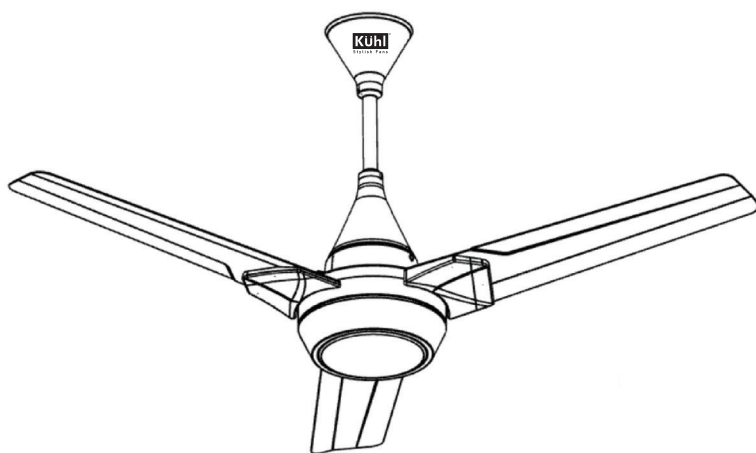
STEP 13. MAKE CONNECTION TO ELECTRIC SUPPLY



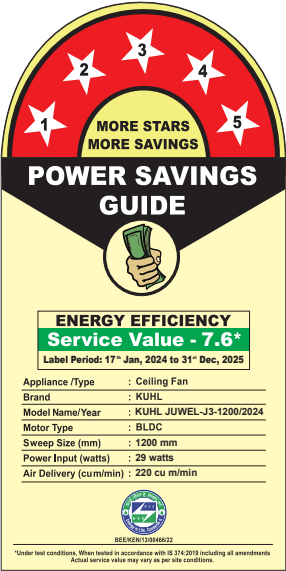
Connect the wires from Main Supply (A)
into Fan connector (B)

Raise the upper Canopy (3) and tighten
the Canopy screw (C)

ASSEMBLY AND INSTALLATION COMPLETE



All Kühl JUWEL Fans are 5- Star Rated By BEE



Kühl JUWEL J3
(1200 mm)



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