



USER MANUAL

APRIL 2025

BLDC
FAN

ENERGY
EFFICIENT

LOW
NOISE

IS 374

CM/L- 8800112515



Kühl WINDZZ
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 1/3rd 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

Enhance the style quotient of your home with the much awaited wow-factor and make it more amazing than ever with the Kühl Windzz Series Fan. To make your homes aesthetically more appealing, it comes with Down light, which not only adds a stylish touch to your interiors but also makes a powerful statement in any indoor space. Despite these fancy features, Kühl Windzz works on 38 W power, saving up to as much as 65% electricity. The series includes Kühl Windzz K3 that are not just functionally powerful but also beautiful, making them a must to enhance the aesthetic appeal of your home.











FEATURES OF YOUR KÜHL WINDZZ 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.
- **Highest Air Delivery:** Energy efficient operation with around 38 W Power, 1320 MM Sweep, & high 216 RPM speed to fill every corner of your place with fresh air as per your need. Its higher air force ensures unmatched comfort to every corner of the place.
- **Low Noise:** The low noise operation without compromising the speed limit is one of the most desired features of Kühl BLDC Fans. They operate at low speeds while providing high air flow with low turbulence and minimal wind noise.
- **Down Light:** Designed to add light and enhance the ambience of your space, Kühl BLDC Fans exudes sheer elegance with its Down light that can be operated together or individually.

- **One Fan Many Operations:** Kühl BLDC Fans are IoT-enabled, making it efficient and easy to use. Conveniently set to adjust the fan speed, lighting preferences, different modes, set timer, and a lot more via:
 - Remote
 - Smartphoness
 - Alexa/Voice Enabled
 - Wi-Fi/IoT Operated
- **Aerodynamic Blades:** Aerodynamic design helps deliver higher airflow and low noise at a low wattage.
- **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.
- **Attractive Design:** Stylish enough to enhance the look of your place, Kühl BLDC Fans feature decorative trims and a sleek surface that become the centre of attention in any space.
- **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

SPECIFICATION	Kühl WindzzK3 (1320 mm)
Max Power (W)	38
Sweep (MM)	1320
Max Speed (RPM)	216
Max Air Delivery (CMM)	250

Items in the box

Fan Unit Assembly	1 N	
Canopies	2 N	
Down Rod	1 N	
Shackle	1 N	
Down Rod Bolt	1 N	
LED 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

- **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 hour, 4 hours, & 8 hours 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 lower half of the room, where the people are.



IoT/Wi-fi

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

Voice command/Alexa

To set up Alexa:

Simply link your Alexa account to the Kuhl mobile application to setup Alexa with your Kuhl 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 38 W at full speed whereas induction fans run on approx. 75 W.

Cost Saving Guide

	Induction Fans	Kühl Windzz Fans (K3) (1320 mm)
Power consumption	75 W	38 W
Assumed usage of fan per day (hours)	16 h	16 h
Power consumption – KWh Units per day	1.2 kWh	0.60 kWh
Electricity bill per day @ Rs 7/unit	Rs 8.4	Rs 4.2
Electricity bill per annum	Rs 3066	Rs 1533
Savings per annum	-	Rs 1533
Cost saving (Up to)	-	50%

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 1320 MM, it should be 660 MM.
- There should be a minimum clearance of 2 times the fan sweep between the centers of two fans, for example, 1320 MM should be 2640 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 correct position.

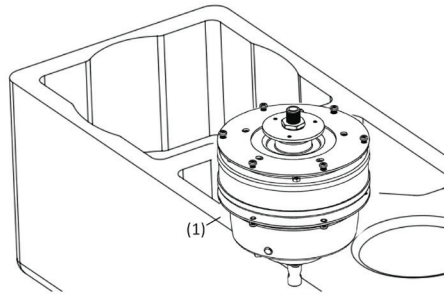
Safety Guidelines

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.

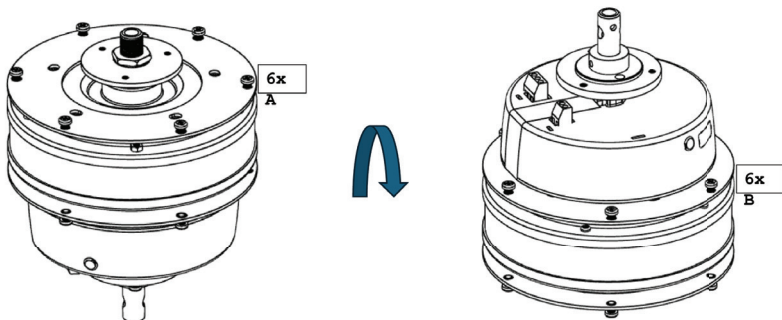
ASSEMBLY INSTRUCTIONS KÜHL WINDZZ SERIES FAN

STEP 1 : PLACE FAN UNIT FOR ASSEMBLY



Place Fan Unit Assembly (1) in Reverse on Packing Thermocol, as shown

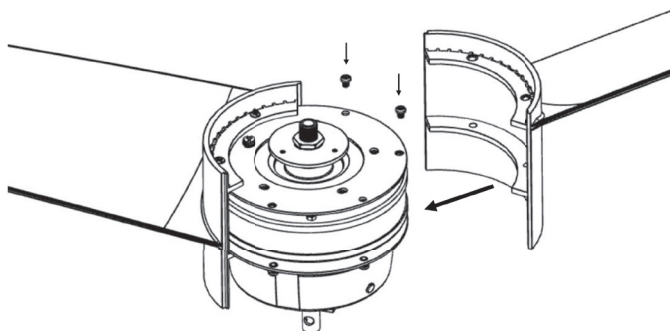
STEP 2 : OPEN THE BLADE SCREWS



Place the Motor Assembly as shown and remove all 6 Blade screws (A) from bottom side of motor.

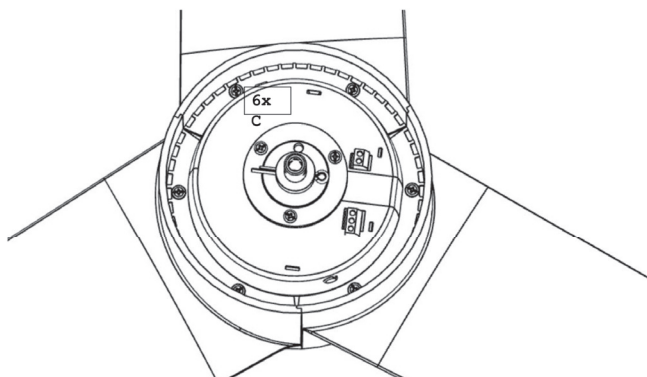
Turn the motor around and open 6 blade screws (B) from Top side also.

STEP 3. ASSEMBLE BLADE



Place the Motor with Light side up, and install all blades with blade screws provided on Blade Housing

STEP 4. SCREW THE 6 BLADE SCREWS ON TOP SIDE



Turn the Fan over with Controller side up, fasten back with 6 blade screws (C)

STEP 5. OPEN THE LIGHT HOUSING

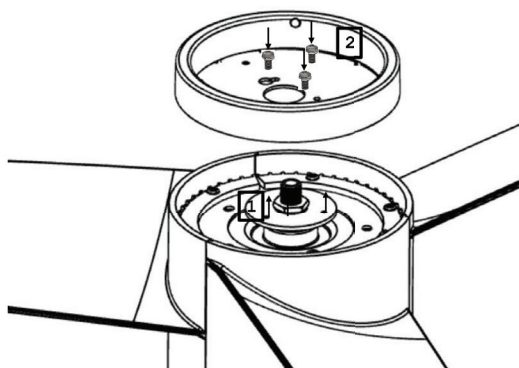


Open the Diffuser (A) from Light Unit



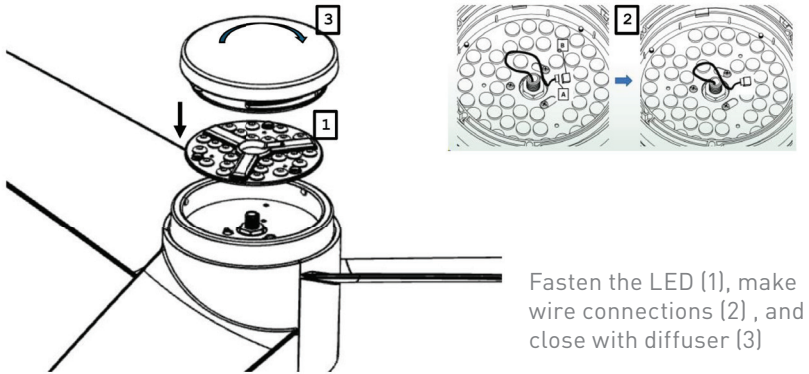
Take out the LED disk from Light housing

STEP 6. ASSEMBLE THE LIGHT HOUSING

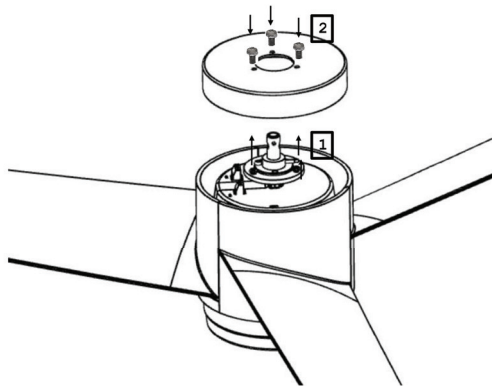


Remove 3 screws from LED fixing plate (1), place the Light Housing on it, and tighten with the same 3 screws (2)

STEP 7. COMPLETE LIGHT UNIT ASSEMBLY

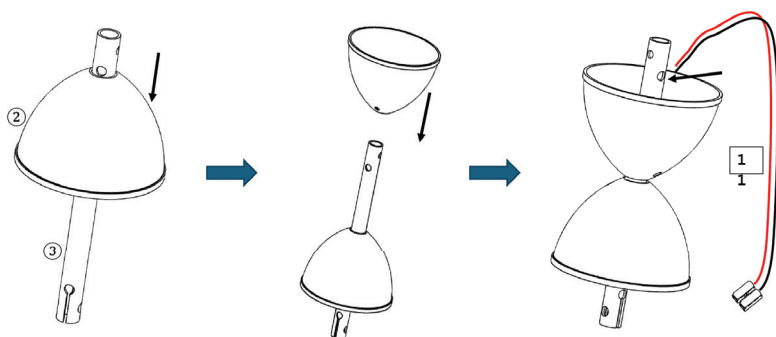


STEP 8. ASSEMBLE FALSE COVER



Remove 3 screws from False Cover Fing Bracket (1), Place the False Cover on it, and tighten with the same 3 screws (2)

STEP 9. ASSEMBLE DOWN ROD AND CANOPIES

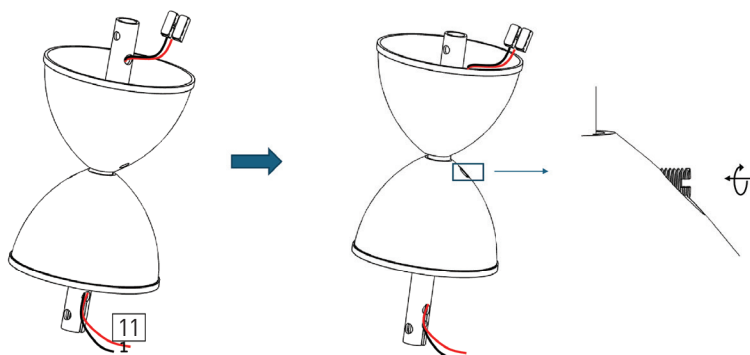


Insert Bottom (2) Canopy from Top (3) end of Down Rod (no-slit end)

Insert Top Canopy also from same end

Insert Supply Wire provided through the lower one of the Top side holes in Down Rod

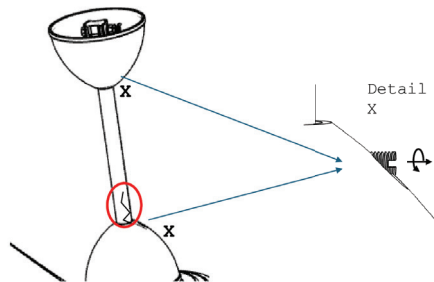
STEP 10. INSERT SUPPLY WIRE



Take the Supply wire (11) out from the slit-end of Down Rod

Raise the Canopies Up and lock in place by tightening the lower canopy screw

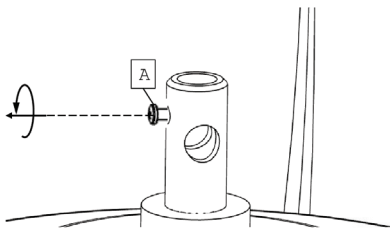
CAUTION : DON'T MOVE CANOPY WHILE SCREW IS TIGHTENED



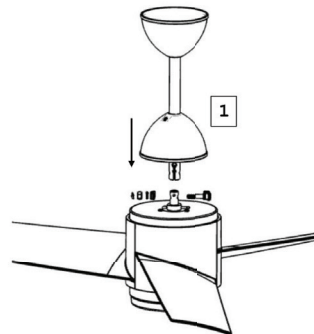
With screws X tightened, there can be scratches incurred on Down Rod on movement of canopy.

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

STEP 11. START DOWN ROD ASSEMBLY

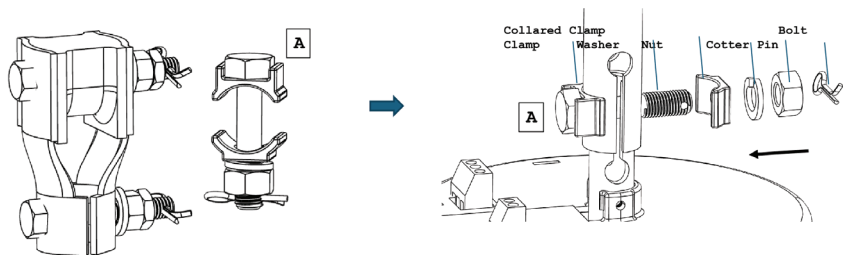


Unfasten Safety screw (A) on shaft



Place Down Rod (1) over Motor Shaft, with slit-end downwards, as shown

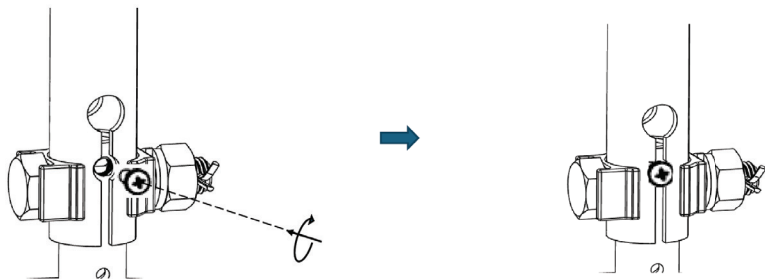
STEP 12. INSERT THE DOWN ROD BOLT



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.

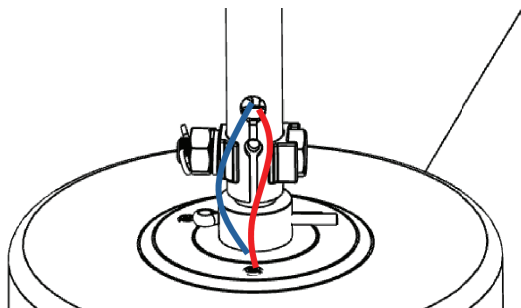
STEP 13. SAFETY SCREW ASSEMBLY



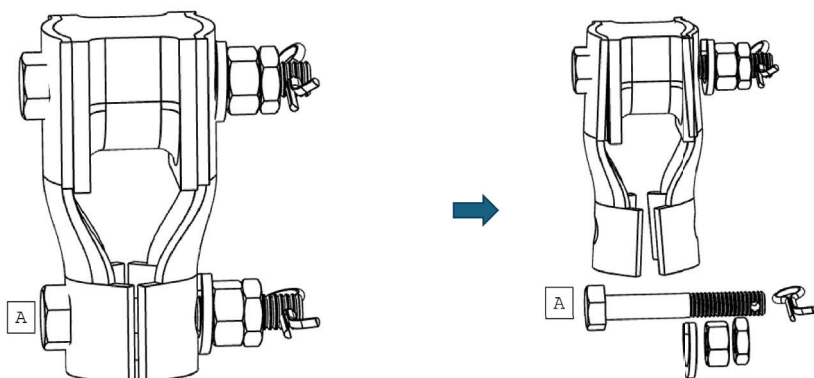
Reinsert the Safety screw

Safety screw tightened

STEP 14. MAKE INPUT ELECTRIC CONNECTION INTO THE CONNECTOR COMING OUT OF FAN

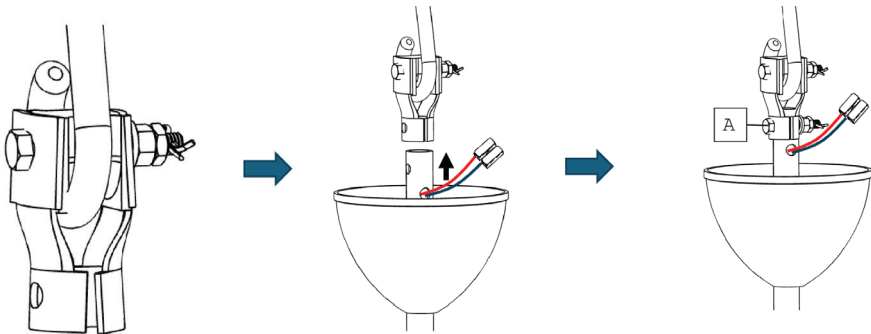


STEP 15. OPEN LOWER BOLT (A) FROM SHACKLE



STEP 16. INSERT THE DOWN ROD BOLT

Tighten with Washer, Nut, Lock Nut and Cotter Pin in sequence as written

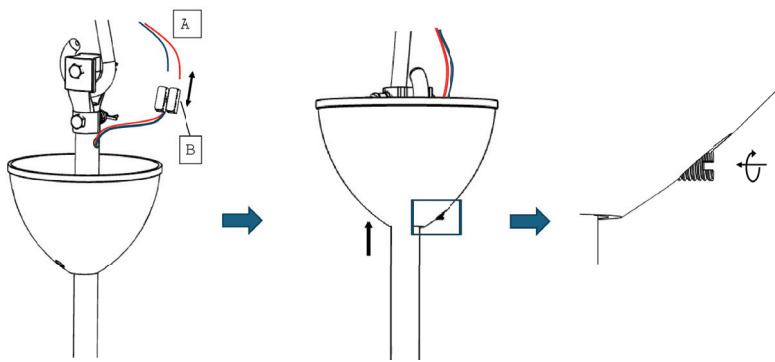


Insert Shackle into Ceiling Hook

Raise Fan to Shackle

Re-insert Lower Bolt (A)

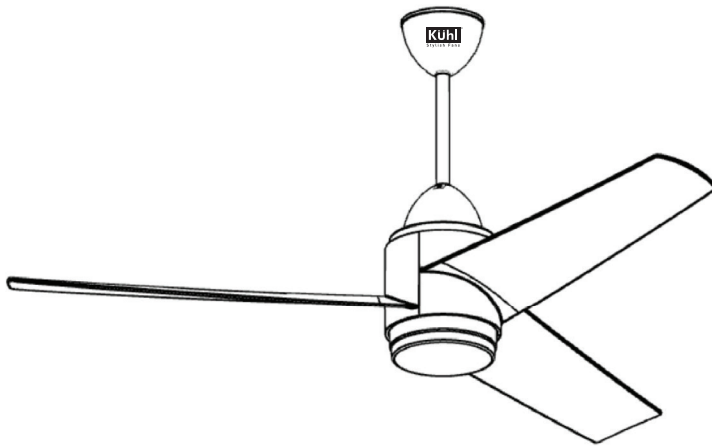
STEP 17. CONNECT TO ELECTRIC SUPPLY



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

Raise the Canopy and tighten the Canopy screw

ASSEMBLY AND INSTALLATION COMPLETE



How to operate Kuhl Windzz 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 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 Nos. AAA Batteries provided into the Remote Unit's slot provided at back.
- Switch ON the fan from switch board to operate it with Remote as explained hereafter.

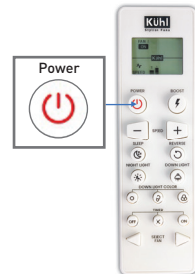
Pair the Remote with Fan, if not paired already.

- 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:
- 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.



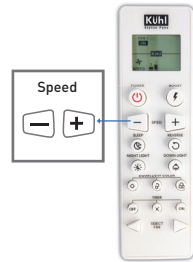
Power ON/OFF Button

- 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 have to 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.



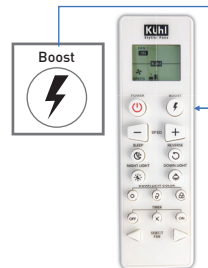
Speed Buttons

- Kuhl BLDC Fans comes 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.

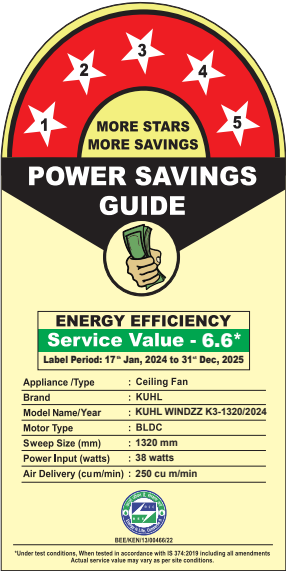


Down Light Button

- 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 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 WINDZZ Fans are 5-Star Rated By BEE



KÜHL WINDZZ K3
(1320 mm)



CONTACT US AT:

E-6,7 & 8, Sector-59, Noida, U.P.-201 309, India. Call: 92-789-12345

E-mail: service@kuhl.in or visit us at www.kuhl.in