

Installation Guide

Nouvo³

Smart Flush Mount Ceiling Fan

AT2480

FOR YOUR SAFETY

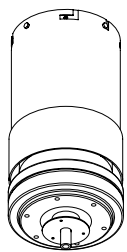
Read and save all instructions before using.

WARNING

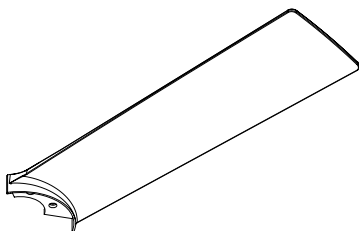
1. To reduce the risk of personal injury, do not bend the blade brackets when installing the brackets, balancing the blades, or cleaning the fan. Do not insert foreign objects in between rotating fan blades.
2. To reduce the risk of fire, electric shock, or personal injury, mount directly to a structural framing member or to an outlet box marked "acceptable for fan support of 31.8kg (70 lb) or less". For outlet box mounting, use mounting screws provided with the outlet box.
3. The fan can be mounted to a structural framing member or an outlet box. When mounted to an outlet box, use the screws provided with the outlet box.
4. The installation is in accordance with the National Electrical Code, ANSI/NFPA 70, and local codes.
5. To avoid possible electrical shock, before installing or servicing your fan, disconnect the power by turning off the circuit breaker to the outlet box and associated wall switch location.
6. To reduce the risk of electric shock, this fan must be installed with an isolating wall control/switch.
7. The wall switch used shall have been investigated and found acceptable for use as a general-use switch.
8. After making the wire connections, the wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and the ungrounded conductor on the other side of the outlet box.
9. After the splices are made, they should be turned upward and pushed carefully up into the outlet box.
10. A grounded conductor is to be connected to a grounded conductor of power supply, a conductor of fan identified as ungrounded conductor is to be connected to an ungrounded conductor of power supply, and a conductor of fan identified for equipment grounding is to be connected to an equipment-grounding conductor.
11. To reduce the risk of electric shock, disconnect the electrical supply circuit to the fan before installing the light kit.
12. This appliance is not intended for use by persons (including children) with reduced physical, sensory, or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
13. Children should be supervised to ensure that they do not play with the appliance.
14. To avoid any accidental losses, all set screws must be checked and retightened, where necessary, before installation.
15. Before installation, check that the outlet box is securely installed in place such that it is able to support at least the fan weight (total fan weight: 6.35kg/14lb).

CAUTION: Modifications not approved by the party responsible for compliance could void user's authority to operate the equipment.

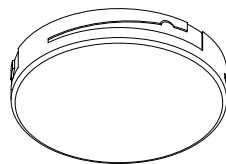
WHAT'S IN THE BOX



Ceiling Fan



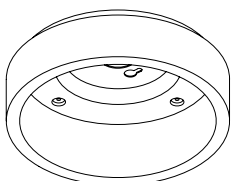
Fan Blade (x3)



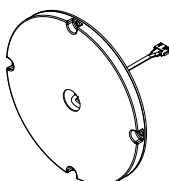
Acrylic Shade

Light Fixture

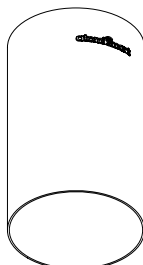
This fixture comes pre-assembled. Please, check step 2 on page 15 for instructions.



Light Ring



LED Board



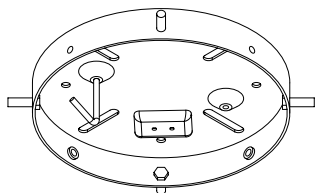
Motor Cover



Bag D
Wire Nut (x3)

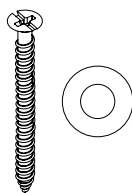
Mounting Bracket Accessory

Bag B1



Standard
Mounting Bracket

Bag B2



Wood Screw (x2)
Washer (x2)

Blades Accessory Bag

Bag A1

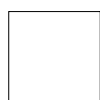


Blade Screw
(x7)

Bag A2



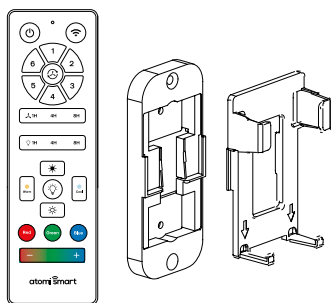
Clip



Balance
Weight (x3)

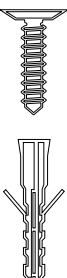
Remote Control Accessory Bag

Bag E1



Remote Control
Remote Control Bracket

Bag E2



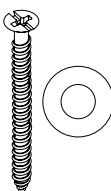
Remote Control
Mount Screw (x2)

Remote Control
Mount Anchor (x2)

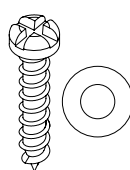
3M

Sticker (x2)

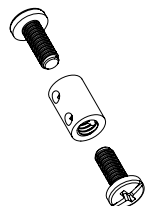
Safety Cable Hardware Bag (For Canadian installation ONLY)



Wood
Screw
Washer



Machine
Screw
Washer

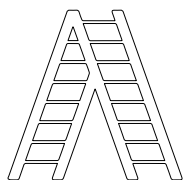


Dual
Cable
Clamp

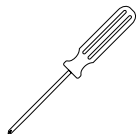


Safety Cable

TOOLS NEEDED FOR INSTALLATION



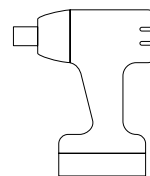
Ladder



Screwdriver



Wire strippers
(If applicable)

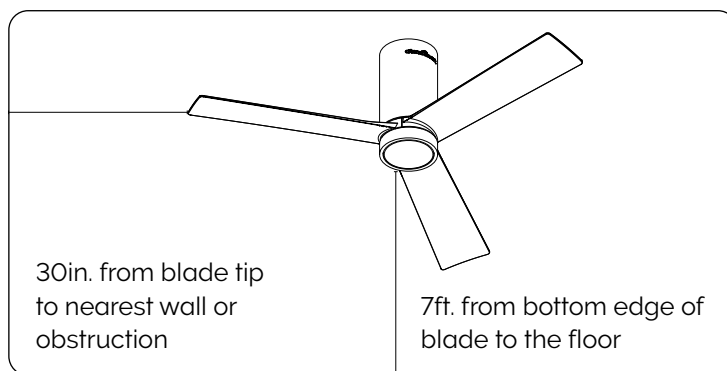


Drill

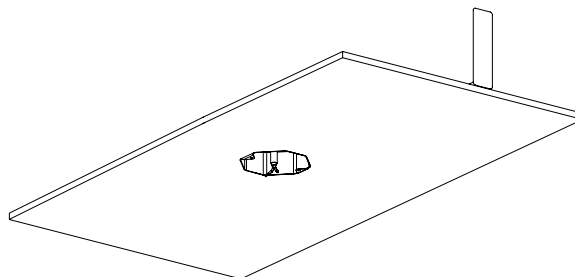
(If mounting to a support structure or concrete. Only concrete-compatible screws are included.)

SELECT YOUR INSTALLATION LOCATION

Measure room dimensions



Check the outlet box



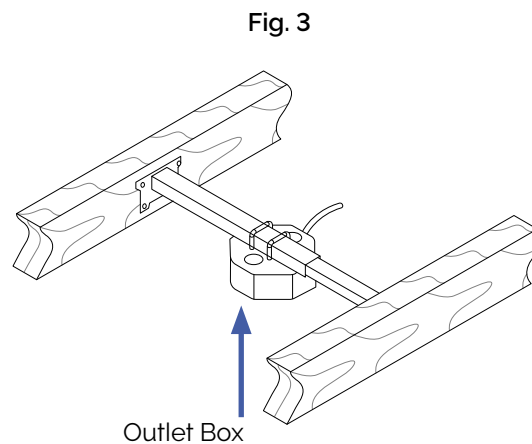
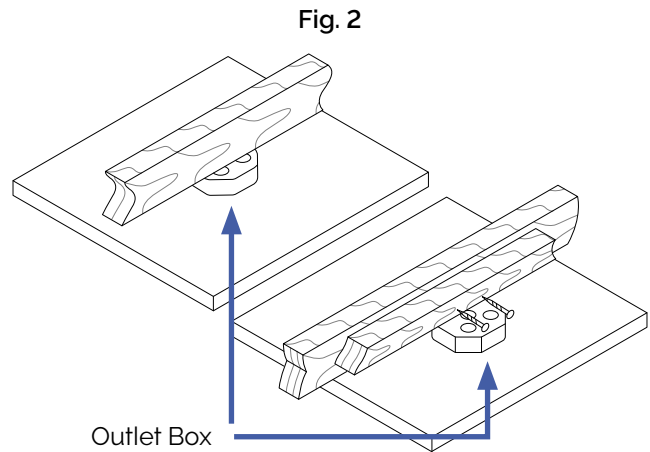
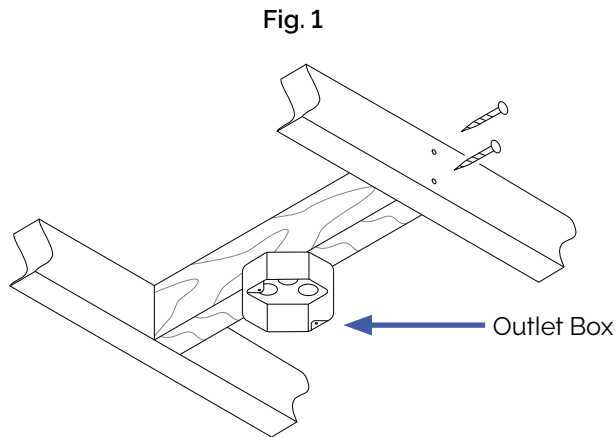
The fan must be secured to a fan-rated outlet box capable of supporting 31.8kg (70lb).

Mounting Box

If there isn't an existing UL (cUL for Canadian Installation) listed mounting box, then read the following instructions.

- Disconnect the power by removing fuses or turning off circuit breakers.
- Secure the outlet box directly to the building structure. Use appropriate fasteners and building materials.
- The outlet box and its support must be able to fully support the moving weight of the fan (31.8kg or 70lb). Do not use plastic outlet boxes.

Figures 1 and 2 are examples of different ways to mount the outlet box.



Depending on the location selected for installation, you may need to purchase and install a "Joist Hanger" for the support of the outlet box. Make sure the joist hanger you purchase has been designed for use with ceiling fans. (Fig. 3)

If your outlet box is not mounted or if you do not have proper wiring in your outlet box, hire an electrician. You will need a hot (black), neutral (white), and ground (green or bare copper) to operate this fan.

INSTALLING THE STANDARD BRACKET



ATTENTION

PREVENT POSSIBLE ELECTRIC SHOCK.

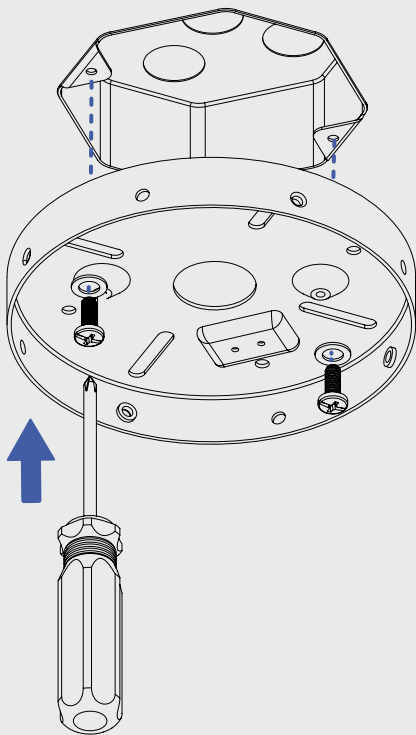
Before installing your fan, disconnect the power by turning off the circuit breakers to the outlet box associated with the wall switch location.

Only use the provided Atomi Smart ceiling bracket that comes with your fan. Remove any existing brackets from your ceiling prior to installation. Secure the bracket to a ceiling box that is acceptable for fan support of 31.8kg (70lb).

There are two options for the bracket installation so please choose which option works best for your location. Use option 1 for standard ceiling installation using a fan-rated outlet box.

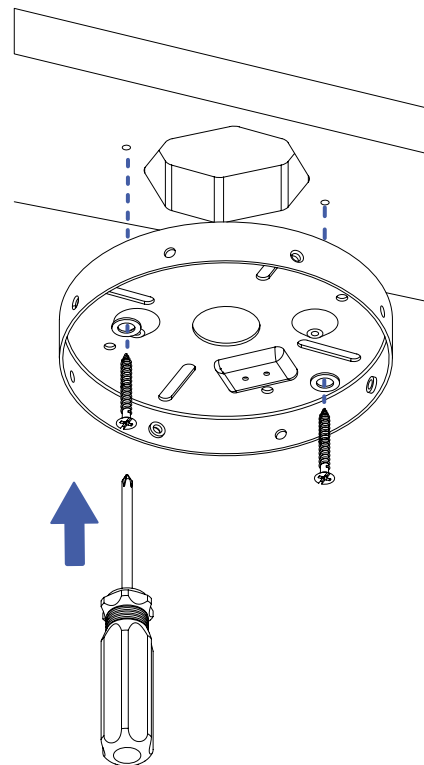
Option 1: Machine Screws

Use machine screws (provided with your outlet box) and washers when securing to existing ceiling fan-rated outlet box.



Option 2: Wood Screws

Use wood screws and washers (included in Bag B2) when securing to support structure with approved electrical outlet box. Drill $\frac{5}{64}$ " pilot holes in support structure to aid in securing the ceiling bracket.

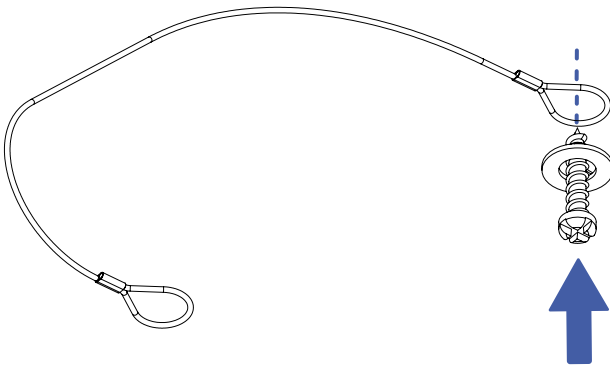


2

INSTALLING THE SAFETY SUPPORT (PART ONE)

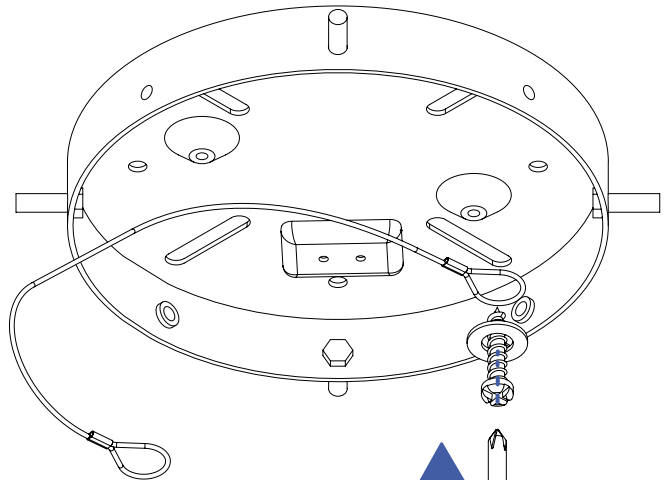
1

Place the washer onto the wood screw and pass the screw through one of the loops on the safety cable.



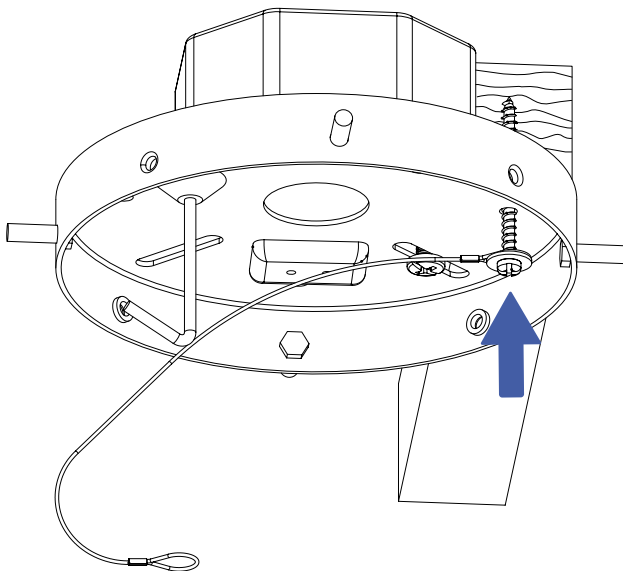
2

Install the screw with washer through an unused slot in the bracket at the outermost end of the slot. Ensure that the screw passes OUTSIDE of the fan mounting box in the ceiling and that it does not contact any wires entering/exiting the fan mounting box.



3

Ensure that the screw directly engages the wooden beam in the ceiling.



7



This step is required for
Canadian installation only.

BAG
D

3

WIRING THE FAN

Carefully follow these steps to get your fan wired safely and quickly.
If you are unfamiliar with wiring or uncomfortable doing it yourself,
please contact a qualified electrician.



WARNING

THE CEILING FAN MUST BE GROUNDED.

If the ground wire for the installation site is not present or you're unsure what this means, immediately STOP installation and consult a qualified electrician.



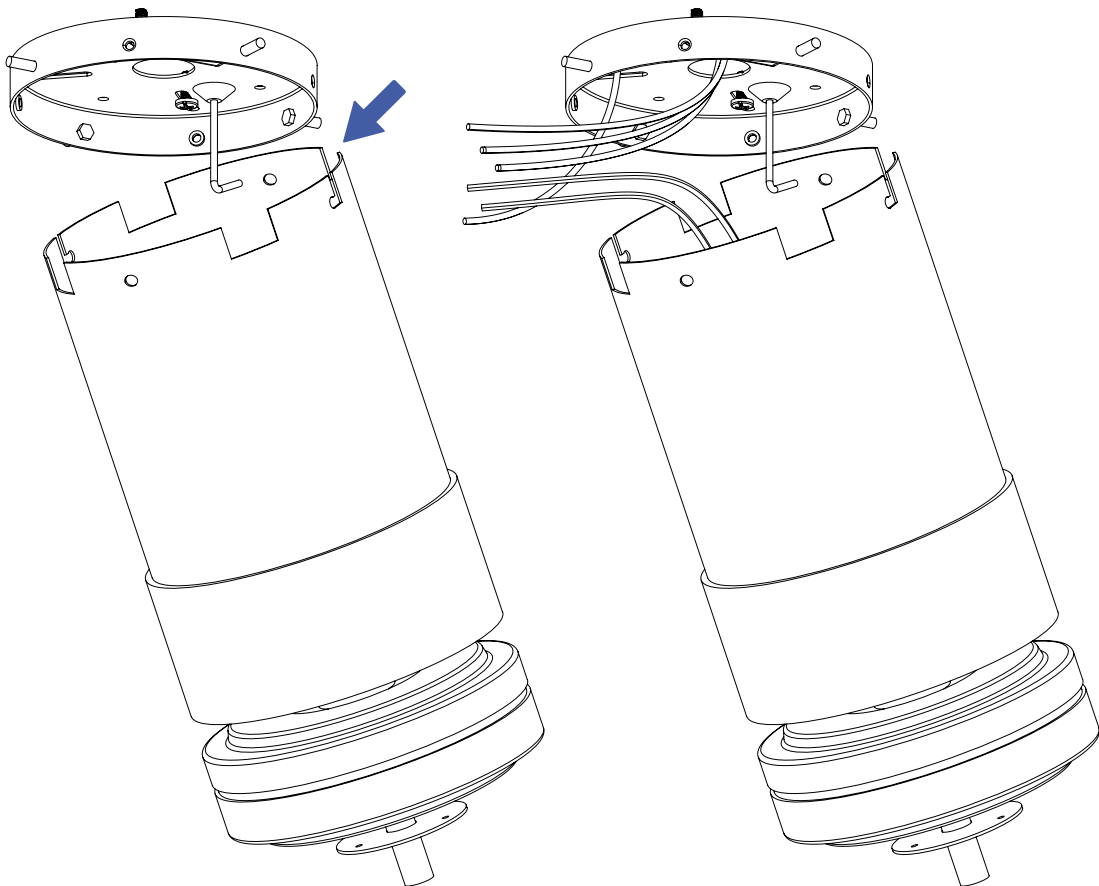
WARNING

WIRING MUST BE UP TO CODE.

All wiring must be in accordance with national and local electrical codes. If you are unfamiliar with wiring or in doubt, consult a qualified electrician.

1

Hang fan motor assembly on bracket hook. Be sure to leave wires accessible for later connection.



2

Push the bare metal ends of the wires together and slide a wire nut over them. Twist the wire nut clockwise until tight. Give it a gentle pull to ensure none of the wires come apart.

1

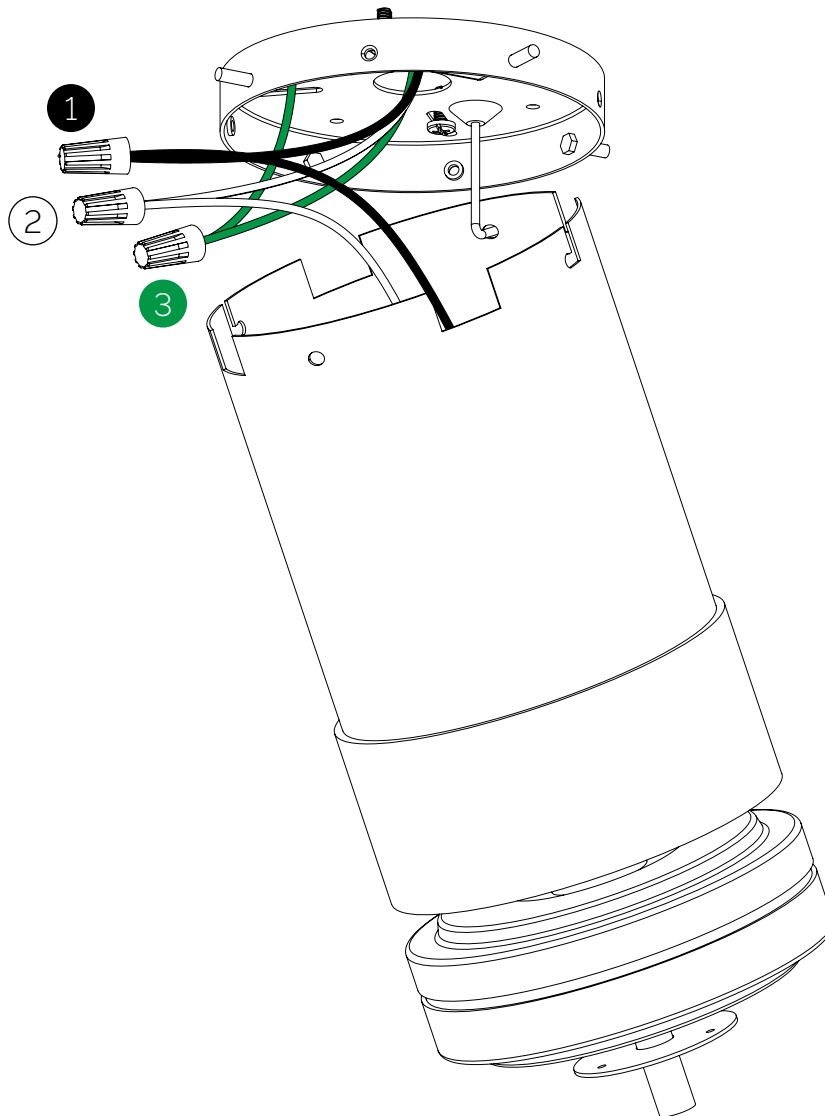
Connect the **BLACK** (ungrounded Z) wire from the **RECEIVER** to the **BLACK** wire from the **CEILING**.

2

Connect the **WHITE (W)** wire from the **RECEIVER** to the **WHITE** wire from the **CEILING**.

3

Connect the **GREEN** (grounded G) wires from the **FAN** and **BRACKET** to the **GREEN OR BARE** wire from the **CEILING**.

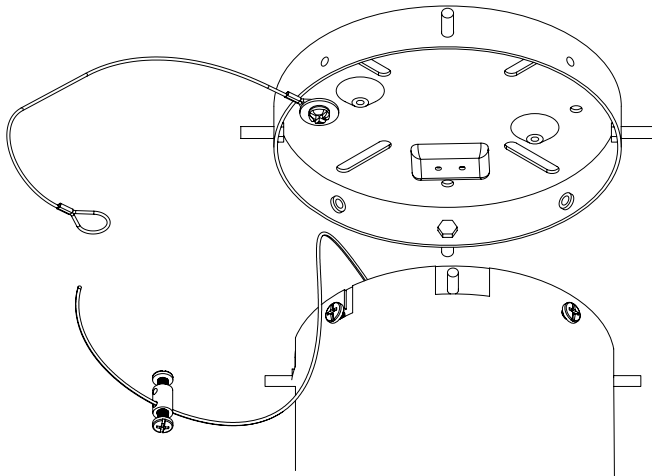


INSTALLING THE SAFETY SUPPORT (PART TWO)

Install the second part of the safety cable.

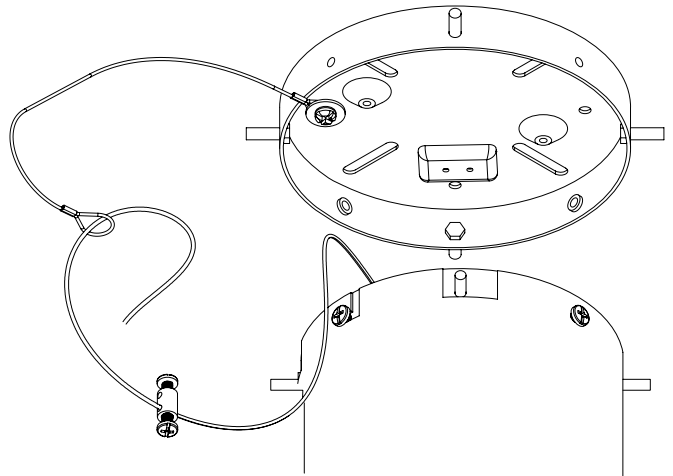
1

Place the motor cable through one hole in the dual cable clamp.



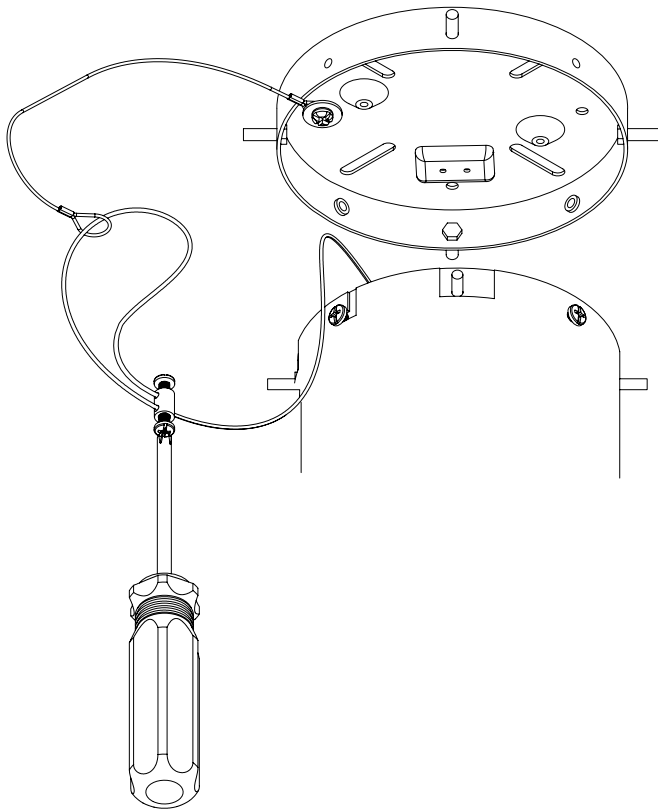
2

Then place the motor cable through one loop of the safety cable.



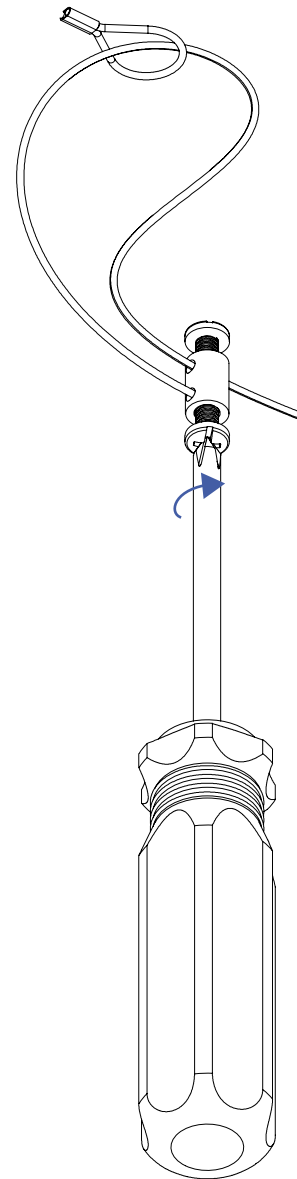
3

Loop the safety cable through the other hole of the dual cable clamp and feed the cable all the way through.



4

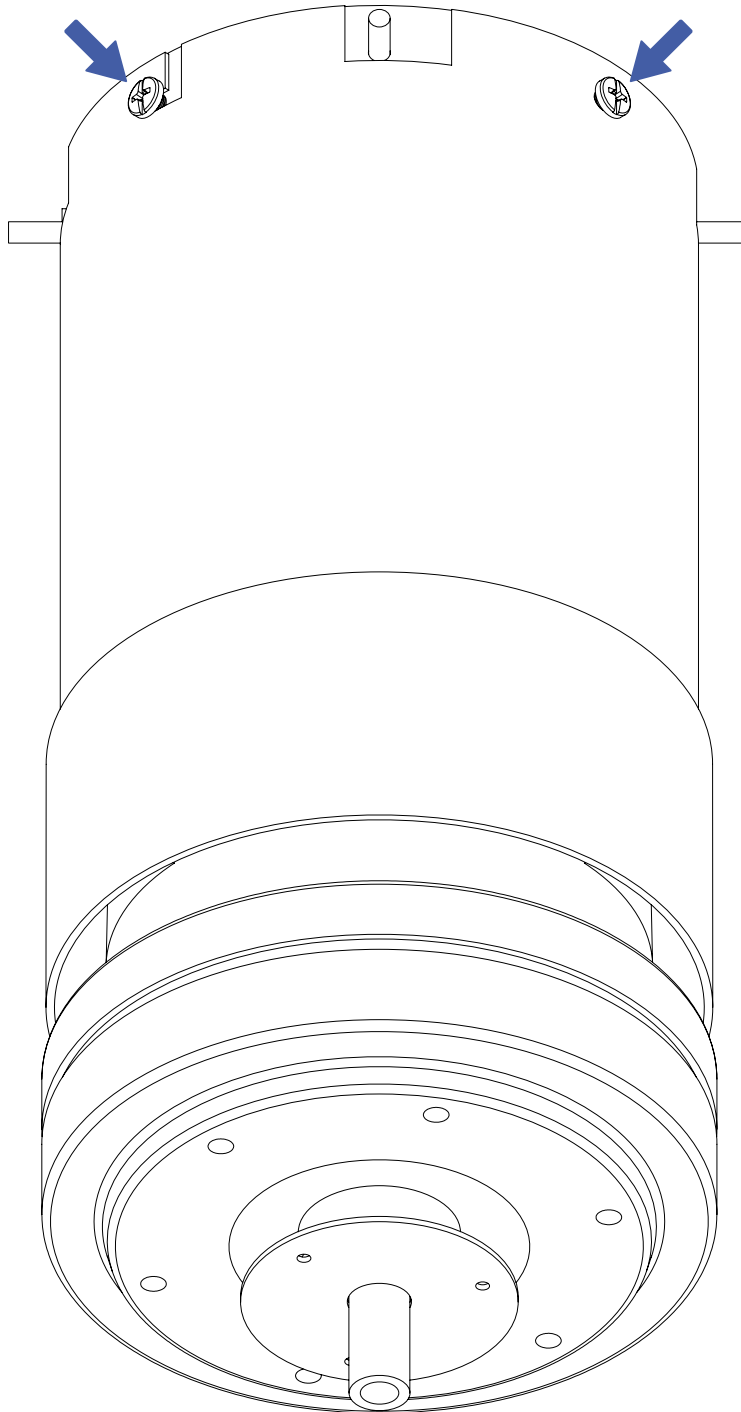
Use a screwdriver to tighten each screw at the end of the dual cable clamp.



5

SECURING THE FAN

Tuck wires into the motor housing unit and avoid pinching wires. Then attach the motor assembly by twist-locking the fan in place using the two screws in the L-slots. Install the other two screws that are not in the L-slots.

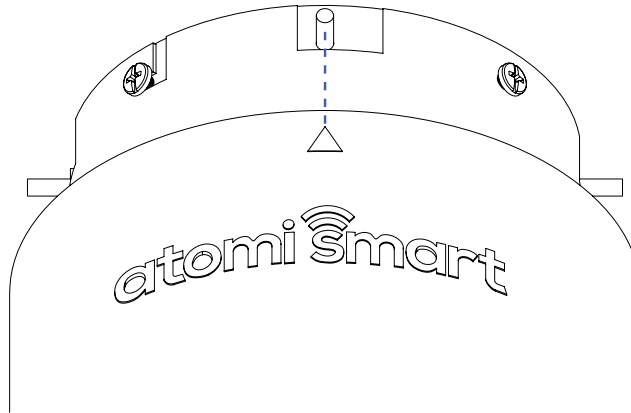


6

INSTALLING THE MOTOR COVER

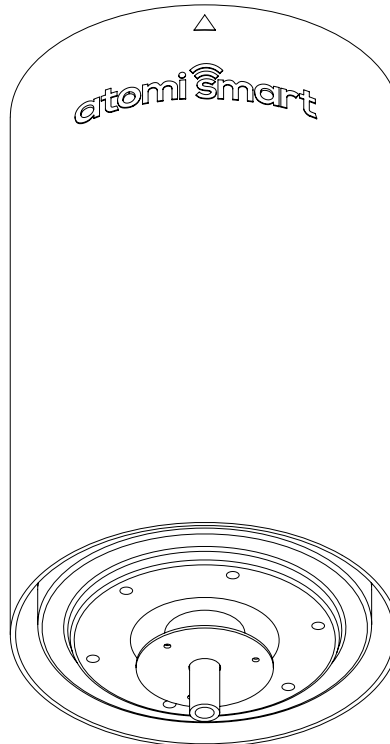
1

Align the arrow with one of the screw stud posts.



2

Next, push up and twist to the right and secure the cover in place.



BAG
A1

7

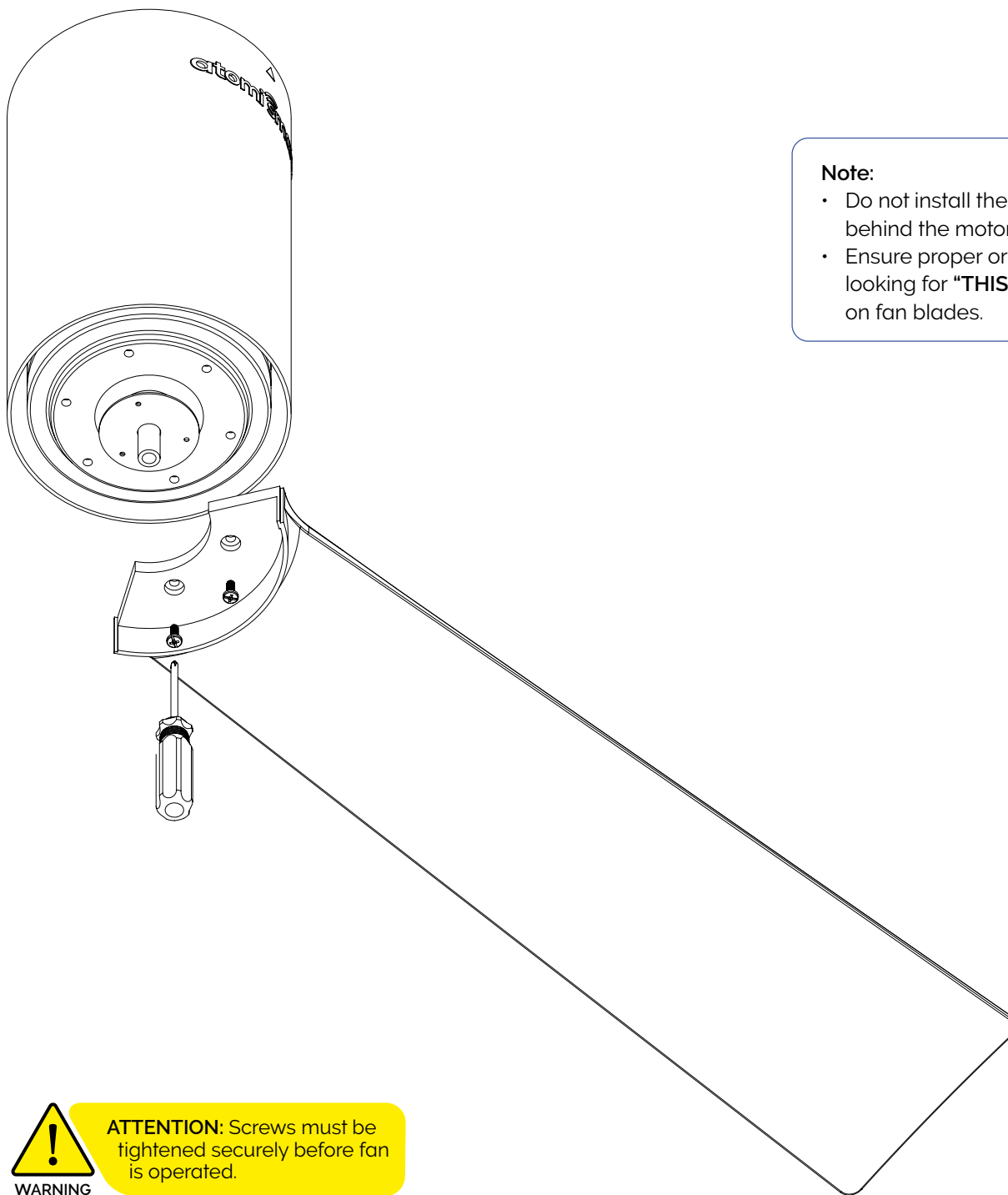
INSTALLING THE BLADES

Place each fan blade on the face of the motor plate one at a time. Secure each blade with screws found in Bag A1.

Note:

- Do not install the fan blades behind the motor plate.
- Ensure proper orientation by looking for **"THIS SIDE UP"** on fan blades.

14



ATTENTION: Screws must be tightened securely before fan is operated.

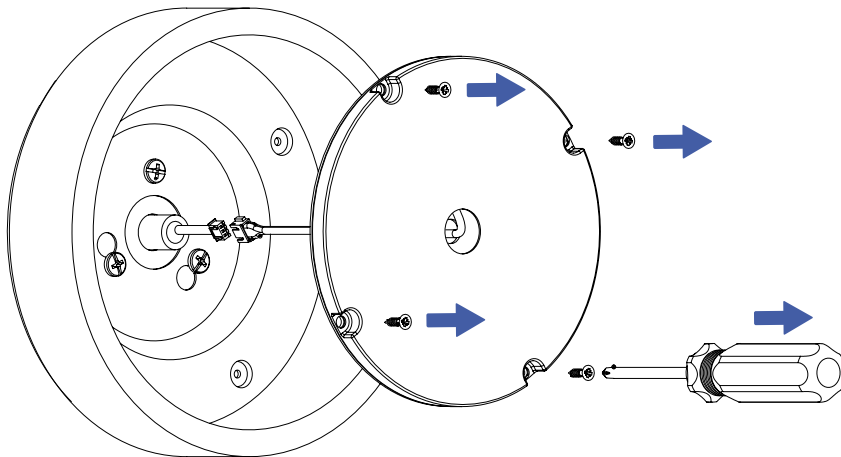
8



ASSEMBLING THE LIGHT FIXTURE

1

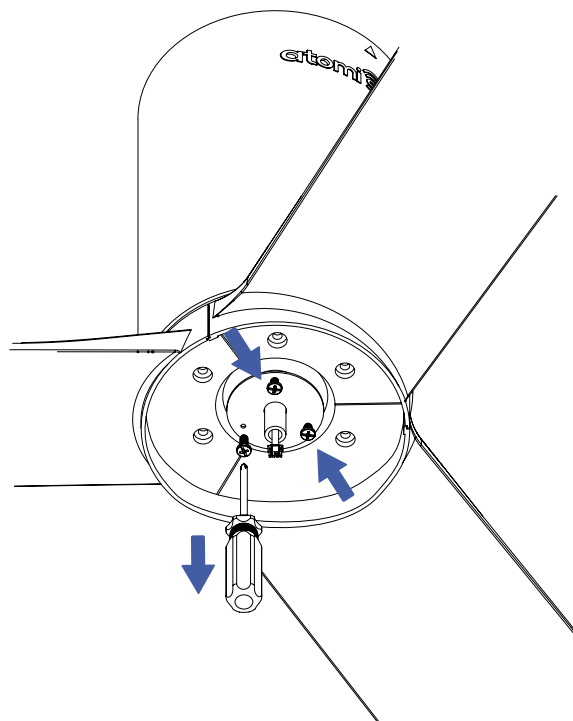
Detach the LED board from the light ring using a screwdriver.



Note: Save these screws to be used in step 4.

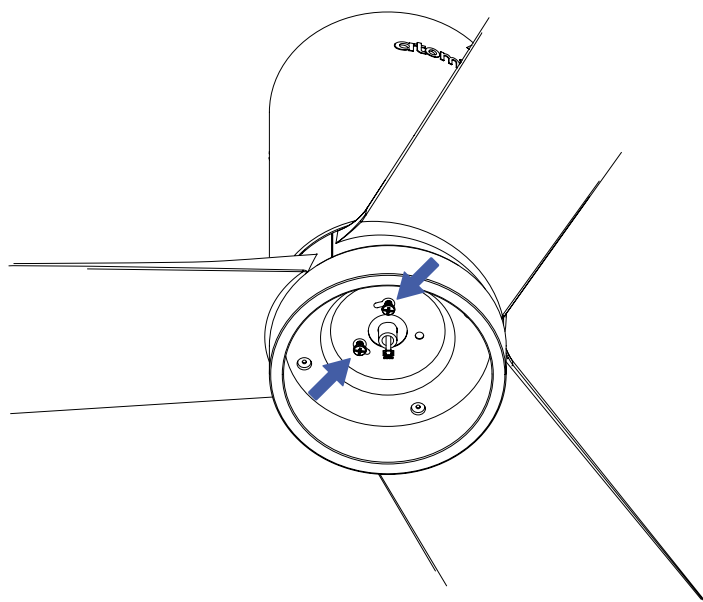
2

Remove one light housing screw. Loosen the other two screws but do not remove.



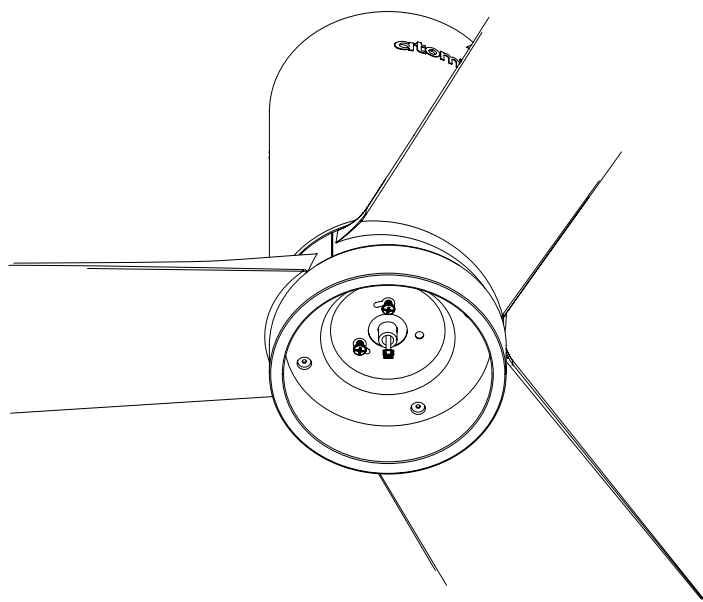
3

Align the light ring keyhole slots over the two screws and twist.



4

Re-install the light housing screw that was removed and tighten the other screws in the keyhole slots.

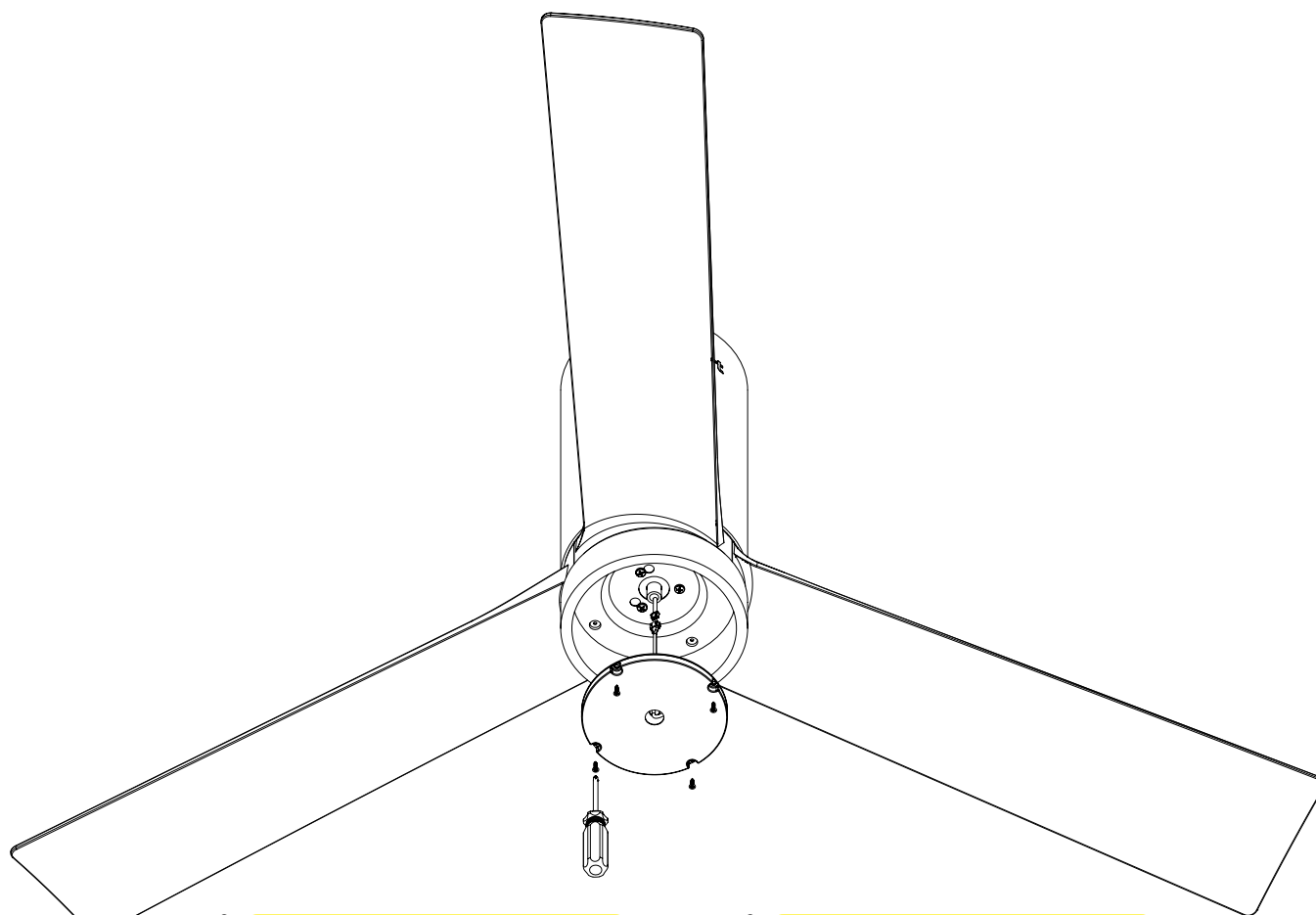


5

Connect the white plug from the housing structure to the white plug from the LED board.

6

Attach the LED board cover using the four screws removed (explained in step 1).



WARNING

Do not press the LEDs on the LED board when connecting the plug.



WARNING

Check that LEDs are not crimped by the LED board cover after installed.

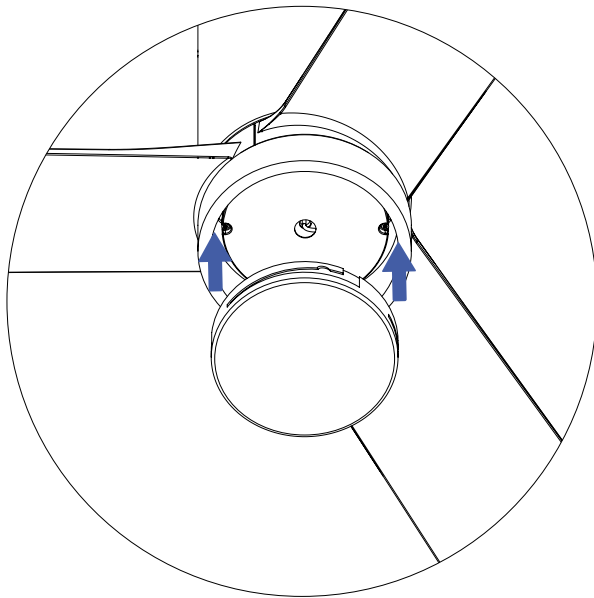
INSTALLING THE ACRYLIC SHADE



PREVENT ACRYLIC FALLING.
Make sure that acrylic shade
is properly secured.

1

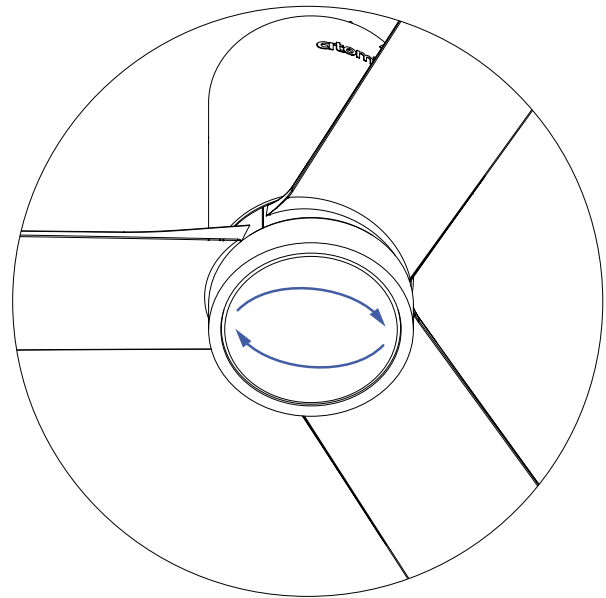
Lift the acrylic shade and align the notches in the acrylic shade with the tabs in the light ring.



2

Attach the acrylic shade by lifting and turning it clockwise one-third of a full turn until it stops.

Note: Check to ensure proper engagement.



Having issues attaching the acrylic shade?

Make sure the light ring was installed in the correct position (See page 17).

3

Turn on the circuit breakers to the outlet box associated with the wall switch location, then turn on the wall switch and check if the Atomi Smart WiFi Ceiling Fan has 100% of white light brightness. You can check the brightness using the Atomi Smart app or with the included remote controller.

If it does not have 100% of white light brightness,
please check all wiring for any wrong connections.

If it has 100% of white light brightness, please proceed to the next step.

Now that your Smart Flush Mount Ceiling Fan is installed, it is time to connect and start using it.

Connecting your Smart Flush Mount Ceiling Fan

1

Scan the QR code below

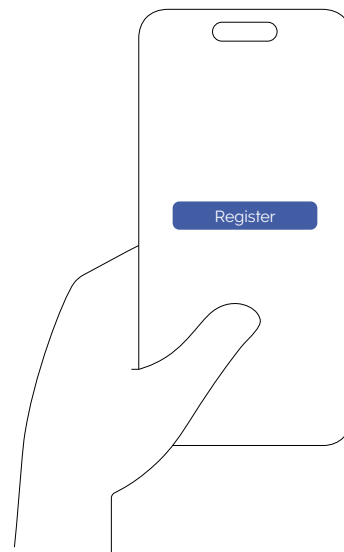


or go to <https://atomismart.com/app/>

Get the app

Download the Atom Smart app from the App Store or Google Play.

2

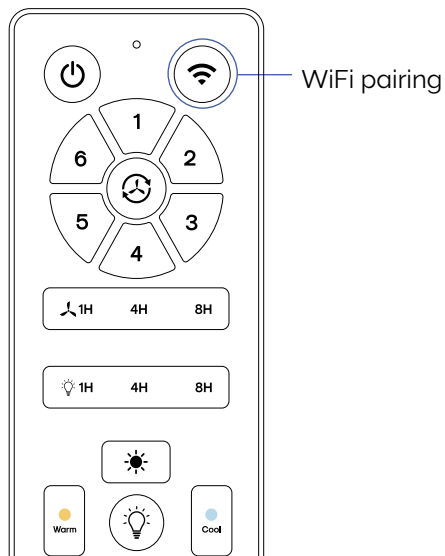


Register

Follow the on-screen instructions and register an account.

Make sure to allow access to Location (Android), Bluetooth® and Local Network (iOS).

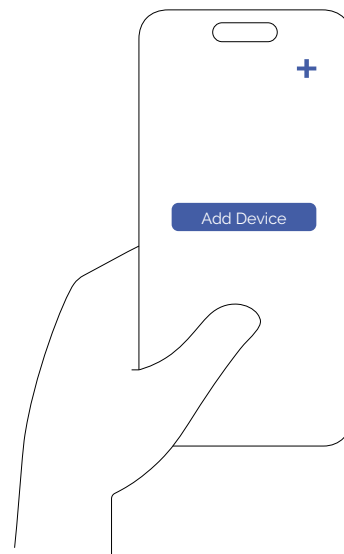
3



Turn on your smart device

And long press (5 seconds) the WiFi button on the remote. The fan light will start flashing white.

4



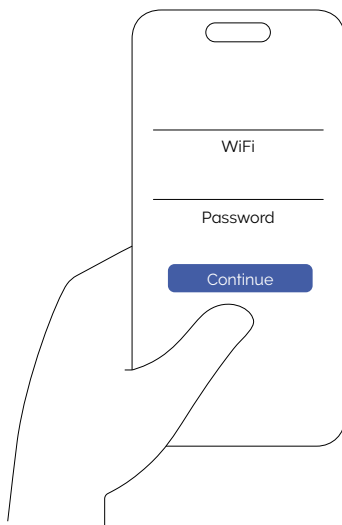
Add your smart device

Press "Add Device" or the "+" sign and select "Connect Device" on the pop-up that appears.

If the pop-up does not appear, close the app and try again. Still nothing? Read the "Troubleshooting" section on this user guide.

20

5



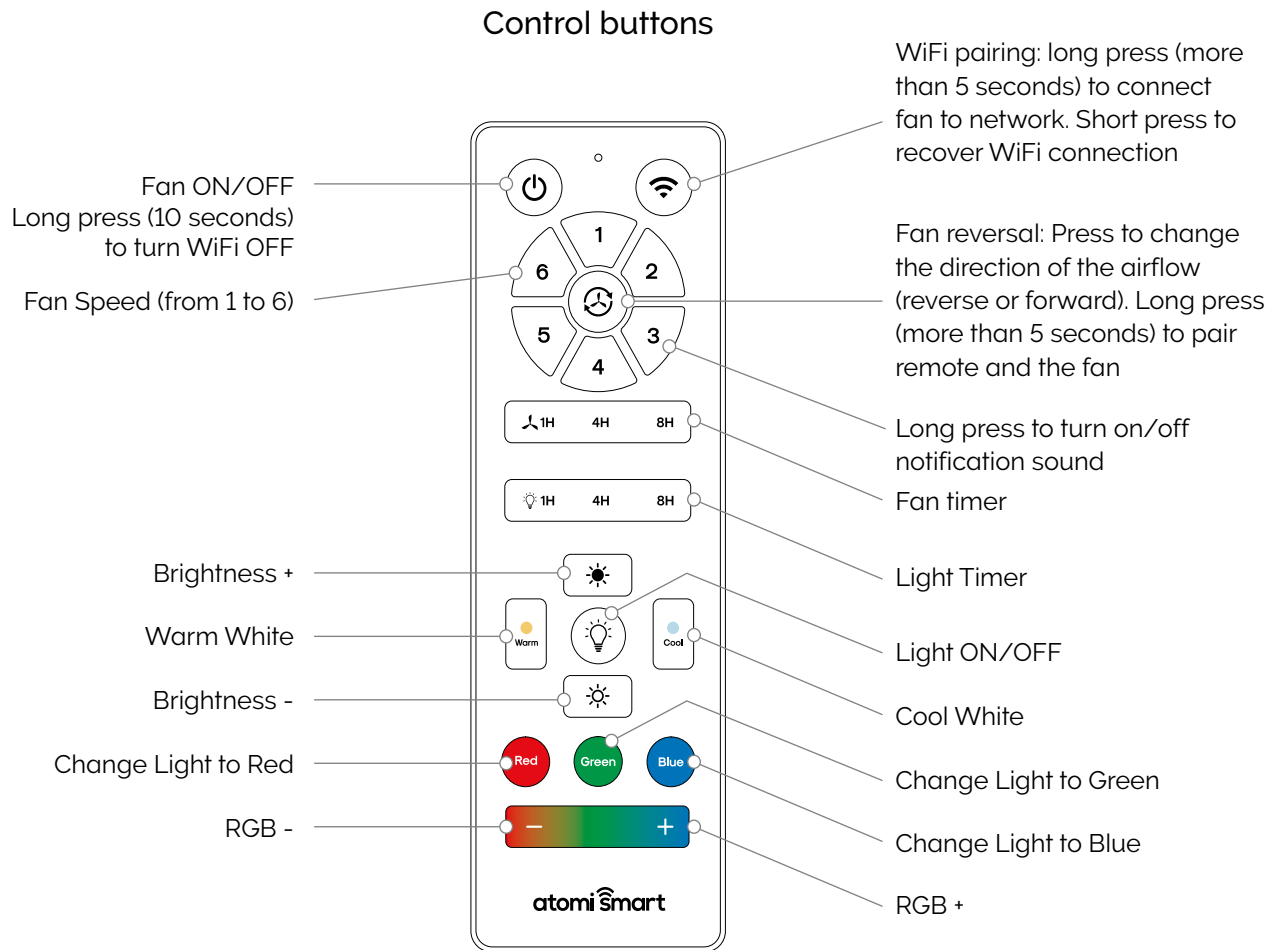
Connect your 2.4GHz WiFi network*

Enter or select your local WiFi name, enter your password, then press "Continue".

*Make sure you're connected to a 2.4GHz WiFi network (Atomi Smart can't connect to 5GHz networks).

BAG
E1

USING THE REMOTE CONTROL



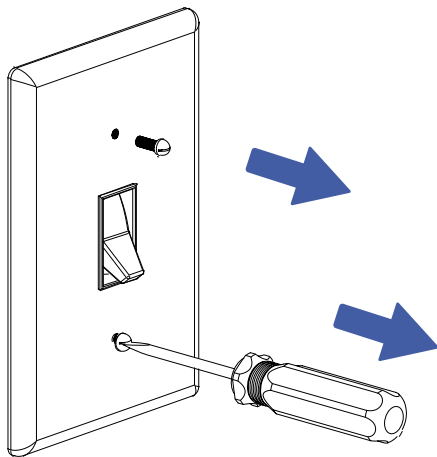
Note: The remote control is not waterproof and requires (2x) AAA batteries (not included).

ATTACHING TO AN EXISTING LIGHT SWITCH

Note: This is only compatible with toggle switches.

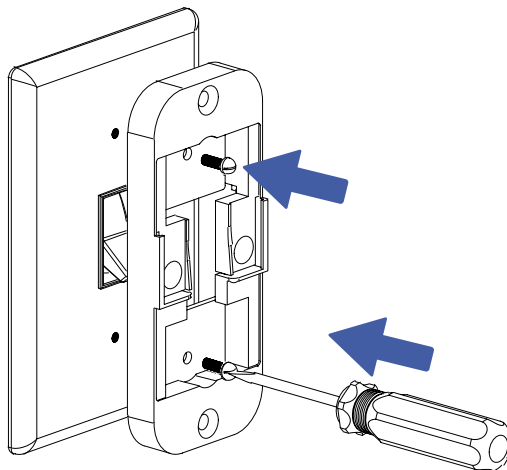
1

Remove the screws from your light switch cover (Do not remove the cover).



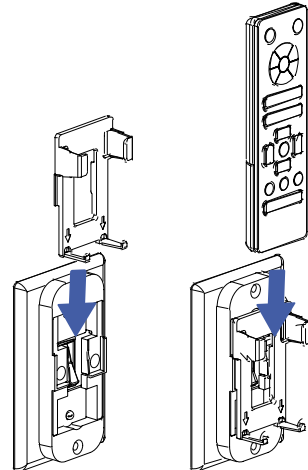
2

Place the remote control mount over the cover and attach it with the cover's screws.



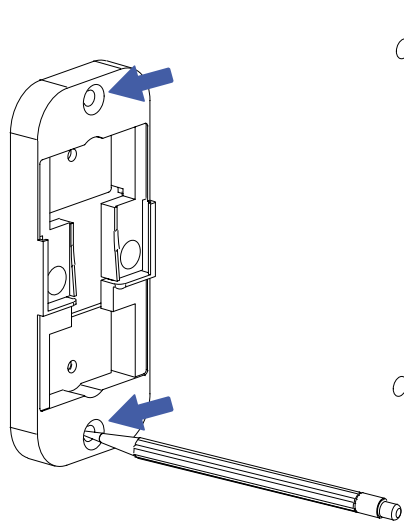
3

Slide the remote control holder in place, then insert the controller.



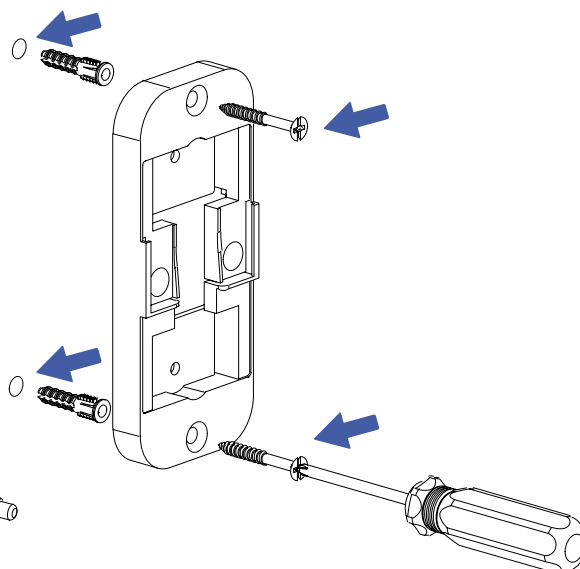
4

Use a pencil to mark the holes on the wall and check for alignment, then drill the holes.



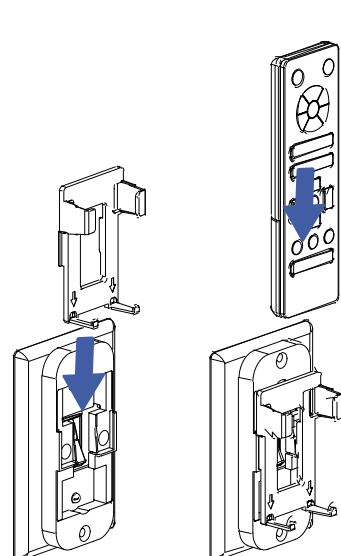
5

Use a screwdriver to screw in the anchors and screws in each hole.



6

Slide the remote control holder in place, then insert the controller.



Mounting it to the wall

BAG
E2

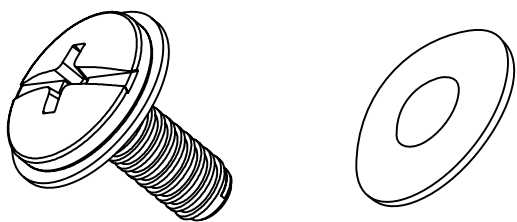
Alternatively, you can use the 3M sticker to fix the bracket on the wall.

USING THE BALANCE KIT

Follow these steps to properly even out the blade weight distribution.

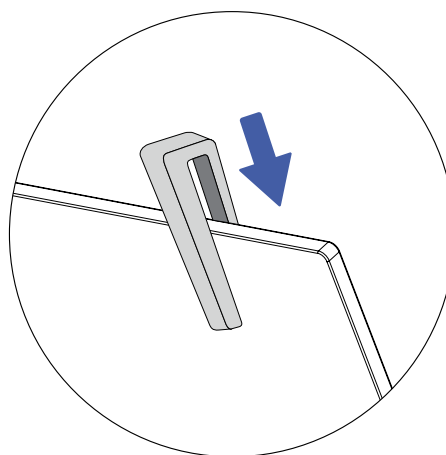
1

Ensure your fan is correctly installed and all fasteners are secure. It is recommended to run the fan on HIGH for 10-20 seconds to perform these next steps.



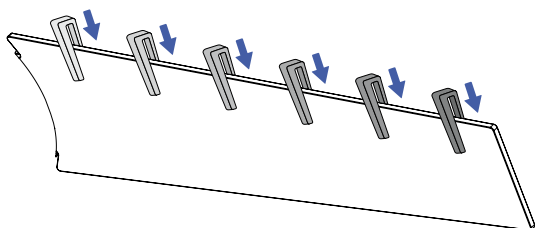
2

Pause your fan to attach the clip to the end of any blade. Run your fan and observe the wobble. Stop the fan and move the clip to the next blade, repeating these steps for all the fan blades.



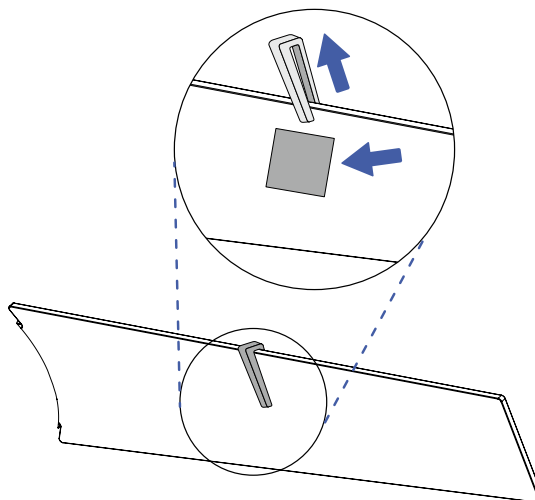
3

Now, move the clip to the blade that caused the least wobble. Run your fan and observe the wobble. Adjust the clip in small increments along the edge of the blade to achieve the least wobble.



4

At the location where you noticed the least wobble, adhere the balance weight and remove the clip.



Product is ready to use.

TROUBLESHOOTING

The pop-up does not appear when adding a device.

Make sure that you are allowing the app to access your phone's Location (Android), Bluetooth and Local Network (iOS). For more details, visit our website's Support page.

If the pop-up still doesn't appear, follow the steps below:

1. Press "Add Device" or the "+" sign and select your Atomi Smart device.
2. Follow the on-screen instructions (Make sure you connect to a 2.4GHz WiFi Network).

My WiFi network doesn't appear in the Atomi Smart app.

Use your smartphone to confirm that you have at least two WiFi bars in the vicinity of your Atomi Smart device. If not, move your Atomi Smart device closer to your router. (The list will refresh every 10 seconds).

Cannot connect to my WiFi network.

Make sure that you have entered the correct WiFi password during the WiFi setup. Check if there are problems with your internet connection. If the WiFi signal is too weak, reset your WiFi router and try again.

I'm getting "Failed to Add Device", "Failed to find router" or "DHCP" error.

- Confirm that your phone is connected to a 2.4GHz WiFi network.
- Check whether the router password you entered is correct.
- Confirm that the DHCP service is enabled on your router settings.
- Make sure that your WiFi signal is strong.
- Temporarily disable your 5GHz network.
- If you have a mesh network/router that does not allow you to disable 5GHz, try to move farther away from your router until your phone moves to the 2.4GHz band.
- For more Connection Troubleshooting tips, visit atomismart.com/connection-troubleshooting/

My Atomi Smart device appears as "Unavailable" or "Offline" in the app.

Refresh the device list.

I just replaced my router.

If you replace your router, you will need to reset your devices and add them again to the app.

How to reset my fan's WiFi?

Long press (5 seconds) the WiFi button on the remote control.

The Ceiling Fan does not work.

- Make sure that the circuit breaker power is turned on.
- Confirm that your wall switch is on.
- Turn off the power from your circuit breaker and check the fan's wiring for any connection issues.

The Ceiling Fan is too noisy.

Confirm that the blades are properly installed.

The Ceiling Fan is wobbling.

- Confirm that the downrod was correctly attached to the mounting bracket.
- Make sure that the mounting screws are firmly screwed in.
- Confirm that the canopy is firmly attached to the mounting bracket.
- Note any warped blades. If even one blade is slightly distorted, it can create an imbalance. Check for warping by standing on a secure ladder and looking down the edge of the blade toward the motor. If there's any curvature, the blade is considered warped. Repeat this step for every blade. If they do not appear uneven, confirm that the screws that attach the blades are tightened and secure. Warped blades cannot be balanced.
- Use the included balance kit to even out the blade weight distribution. Directions on how to use it can be found on page 23.

How to access the battery compartment?

- Remove the remote control battery compartment cover located on the back of the remote.
- Insert 2x AAA batteries (not included) into the compartment, making sure they are installed correctly (+) and (-).
- Attach the cover back into place.
- Test the remote control to see if it works by pressing any button. The remote control indicator light should turn on when a button is pressed.

How to use batteries for the remote control?

- Always purchase the correct size and grade of the battery most suitable for the intended use.
- Replace all batteries of a set at the same time.
- Clean the batteries' contacts and also those of the device prior to battery installation.
- Ensure the batteries are installed correctly with regard of polarity (+ and -).
- Remove batteries from equipment that is not to be used for an extended period of time.
- Remove used batteries promptly.

Remote Control doesn't work.

- Make sure that the remote was paired to the fan. Please see page 21 for more details.
- Make sure that the 2x AAA batteries (not included) are correctly in place.
- Replace the batteries with new ones.

How to pair the remote control?

1. Once connected to the app, turn off the wall switch and wait 20-30 seconds.
2. Turn on the wall switch, point the remote control to the ceiling fan, and press and hold the "Fan Reversal" button for 4 seconds. Once the light changes to the warmest white shade, pairing is complete.

Note: Please complete this step within 30 seconds from the moment the wall switch is turned on. Otherwise, repeat steps 1 and 2.

3. If you have more than one fan, to avoid interference between fans during the remote pairing process, make sure that only 1 fan is powered on at a time. If you did not see the light change to warm white at step 2, please repeat steps 1 and 2.

For more information about app and device features, tutorials and troubleshooting tips go to:
www.atomismart.com/helpCeilingFan

STILL CAN'T CONNECT? NEED ASSISTANCE?

Our friendly customer service team will
work hard to put a smile back on your face.
Here's how we can connect.



1-800-757-1440
Mon-Fri 9:00-5:00 EST (U.S.)



or support@atomiusa.com

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within the contiguous U.S. only

Terms and conditions apply.

The following terms and conditions apply to the promo code:

1. Coupon is only valid on the Atomi Smart website www.atomismart.com.
2. A valid code must be entered at the checkout page in order to redeem the promotion.
3. Customers can only redeem one time at checkout.
4. Customers can only use the promo code once.
5. Atomi Smart reserves the right to cancel or modify any order, or revoke the use of the promo code for any reason.
6. Unless otherwise stated, promo codes are not valid in conjunction with other promotions or discounts.
7. Additional terms and conditions may be specified in relation to specific promo code (for example, duration, eligibility, discount amount and products covered), and will govern the use and redemption of those vouchers.
8. Promo code is not exchangeable for cash.
9. Atomi Smart will not be liable and/or be required to offer replacement codes, discounts, credits, cash or otherwise compensate customers for:
 - a. discontinued or cancelled promo code;
 - b. improper use of, or inability to redeem, a promo code; or
 - c. the inability to redeem promo code due to technical issues.

FCC Notice:

This device complies with Part 15 of the FCC Rules. Operation is subject to the two following conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Note:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution:

Modifications not approved by the party responsible for compliance could void user's authority to operate the equipment.

IC Statement:

This device contains licence-exempt transmitters/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

5-year limited warranty from the date of purchase against defects in material and workmanship.



For questions or concerns,

email us at support@atomiusa.com

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