

Smart Bathroom Fan with RGBCW Light



SCAN the QR code to
Download CINOTON APP.

Questions or Support?

✉ Email: cinoton.service@gmail.com



Please SCAN the QR code
to watch the installation
video.

Table of Contents

Safety Information	02
Product Specifications	04
Accessory Drawing	05
Before Installation	06
Installation With Adjustable Bracket	07
Installation Without Adjustable Bracket	10
Remote Control Instructions	12
How to Download CINOTON APP	13
How to Connect Smart Bathroom Fan to CINOTON APP	14
How to Connect Smart Bathroom Fan to Alexa	15
How to Connect Smart Bathroom Fan to Google Assistant	16
Common Problems and Solutions	17
How to Troubleshoot the Connection Problem	18
Customer Service	19

Safety Information

READ AND SAVE THESE INSTRUCTIONS

1. **Power Disconnection:** Always disconnect the power supply before servicing the fan, motor, or junction box to ensure safety.
2. **Compliance with Codes and Regulations:** Adhere to all applicable local building, safety, and electrical codes, as well as the National Electrical Code (NEC) and Occupational Safety and Health Act (OSHA) requirements.
3. **Electrical Specifications:** The electrical service supply must be 100-240V, 60Hz.
4. **Grounding Connection:** This product must be properly connected to the grounding conductor of the supply circuit to ensure safe operation.
5. **Power Wire Handling:** Avoid bending or kinking the power wires during installation or maintenance.
6. **Control Device Restrictions:** Apart from the included remote control, this exhaust fan must not be used with any solid-state control devices, including but not limited to other remote controls, dimmer switches, or certain timers. Please note that mechanical timers are not subject to this restriction, as they are not considered solid-state devices.
7. **Ceiling Insulation Limitation:** Do not install this fan in ceilings with insulation exceeding an R50 rating.
8. **Ductwork Installation:** Ductwork must be installed in a straight line with minimal bends to ensure optimal performance.
9. **Ductwork Sizing:** The ductwork size must match the discharge size of the fan and must not be reduced. Reducing the duct size may result

**WARNING:**

To reduce the risk of fire, electric shock, or injury to persons, observe the following:

1. **Intended Use:** This unit must be used only in the manner intended by the manufacturer. For any questions or concerns, please contact CINOTON customer service.
2. **Power Disconnection for Servicing or Cleaning:** Before servicing or cleaning the unit, please power off at the service panel and lock the service disconnecting device to prevent accidental power restoration. If the service disconnecting device cannot be locked, securely attach a prominent warning device, such as a tag onto the service panel.
3. **Qualified Installation:** All installation work and electrical wiring must be performed by qualified personnel in compliance with all applicable codes and standards, including fire-rated construction requirements.
4. **Airflow Requirements:** Ensure sufficient airflow for proper combustion and exhausting of gases through the flue (chimney) of fuel-burning equipment to prevent backdrafting.
5. **Follow the Guidelines:** Adhere to the heating equipment manufacturer's guidelines and safety standards, such as those published by the National Fire Protection Association (NFPA), the American Society for Heating, Refrigeration, and Air Conditioning Engineers (ASHRAE), and local code authorities.
6. **Cutting or Drilling Precautions:** When cutting or drilling into walls or ceilings, take care to avoid damaging electrical wiring and other hidden utilities.
7. **Venting Requirements:** Ducted fans must always be vented to the outdoors to ensure proper operation and safety.
8. **Installation Over Tubs or Showers:** If this unit is installed over a tub or shower, it must be explicitly marked as suitable for such applications and connected to a Ground Fault Circuit Interrupter (GFCI)-protected branch circuit.

Gentle Reminder:



Check the appliance regularly and refer to TROUBLESHOOTING or contact our customer support if it shows any of the following signs:

- Components or parts are damaged.
- Loud noise or unusual smell.



For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.

Not for use in cooking areas.

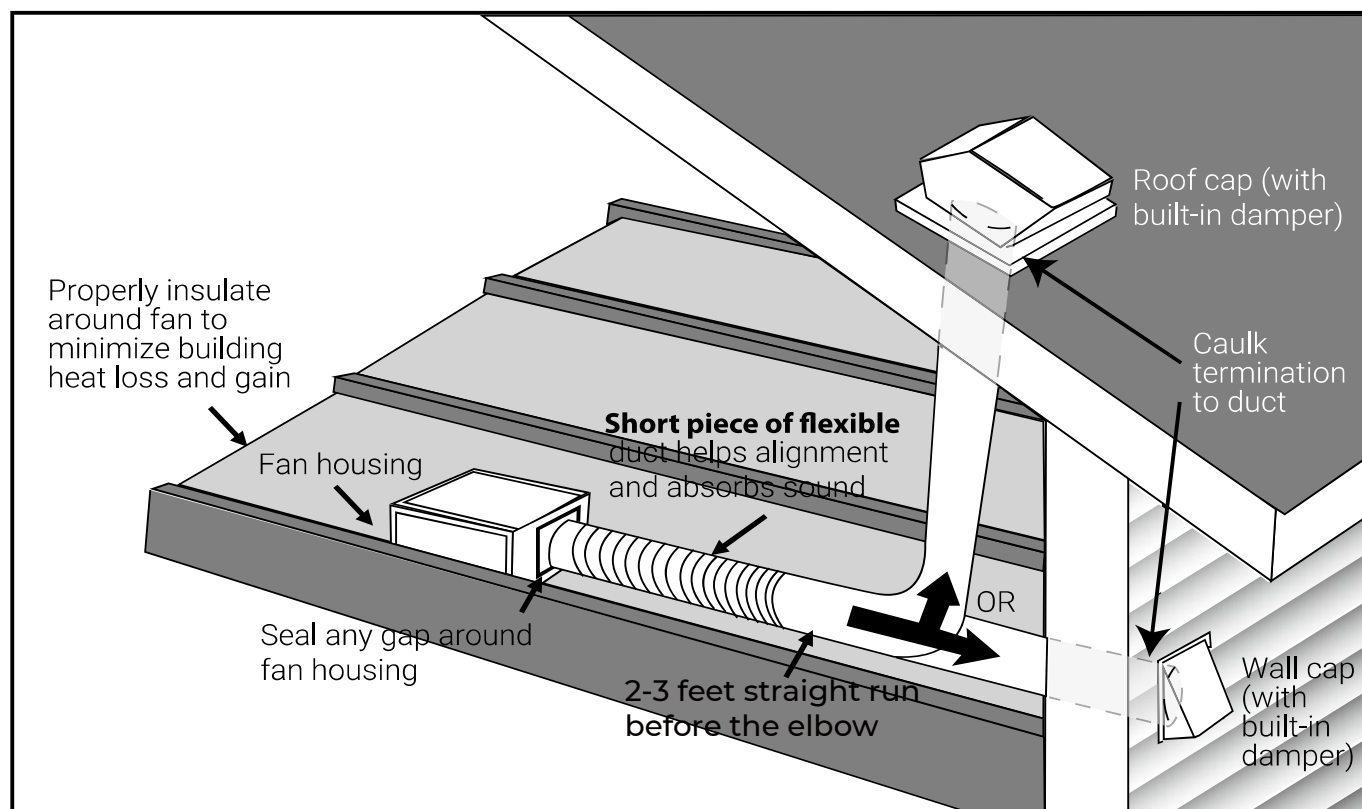
To reduce the risk of injury to persons, install the fan at least 7 feet (2.1m) above the floor.

Product Specifications

Model No.	STR-HV-001	Voltage	100V - 240V,60 Hz
Wattage of Fan	27W	Wattage of Light	23W
Main light	1600lm	Airflow	30-160 CFM
Bluetooth Speaker	Max.5W	Sound Output	0.8 Sones
CCT:	2700-6500K+RGB	Duct Diameter	6 in
Ceiling Opening Dimension Requirements: 11.81 in. (L) x 11.02 in. (W). (30cm x28cm)			

Typical Installation

The ducting from this fan to the outside of the building has a strong effect on the airflow, noise and energy use of the fan. Use the shortest, straightest duct routing possible for best performance, and avoid installing the fan with smaller ducts than recommended. Insulation around the ducts can reduce energy loss and inhibit mold growth. Fans installed with existing ducts may not achieve their rated air flow.



WARNING

If you have access to the attic, then you can vent a ceiling mounted exhaust fan through either a gable wall or the roof. Letting the fan exhaust into an open attic will cause moisture buildup on the underside of the roof. Avoid venting through a soffit vent or ridge vent. The warm air will exhaust out the duct and enter back into the attic through the soffit vent or ridge vent.

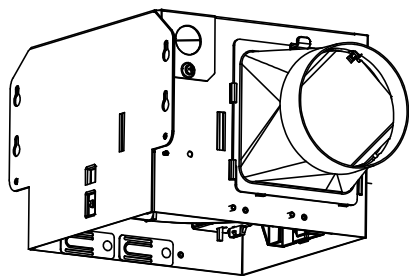


WARNING: Wiring must comply with all applicable electrical codes. Turn OFF power before removing or installing connectors.

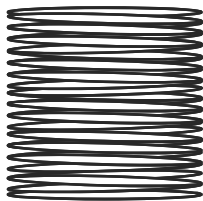


WARNING: COPPER TO COPPER ONLY. Do not use Aluminum wire.

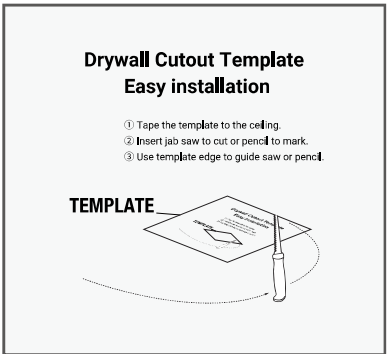
Accessory Drawing



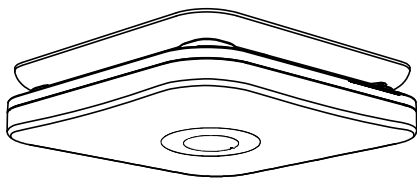
Fan housing × 1



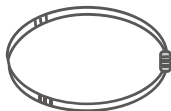
5 FT Duct × 1



Drywall cutout template × 1



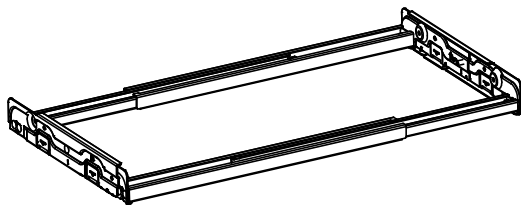
Smart Bathroom Fan Light × 1



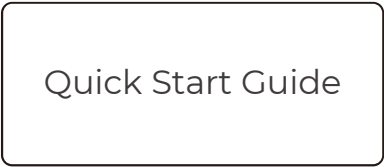
Duct Clamp × 1



User Manual



Flex bracket × 1

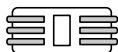


Quick Start Guide

1 Parts for Fan Housing Installation

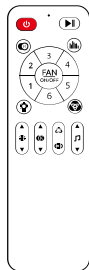


Joist screws × 4



Wire Connector × 1

2 Parts for Remote Control Holder



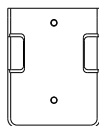
Remote Control



Wall-mounted screw × 2



Anchors × 2

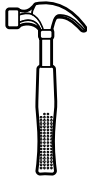


Remote Control Holder

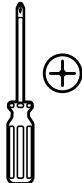
Before Installation

TOOLS NEEDED(NOT INCLUDED)

Essential Tools for a Successful Installation:



Claw hammer



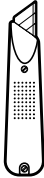
Phillips head screwdriver



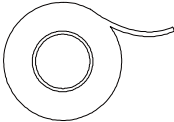
Flathead screwdriver



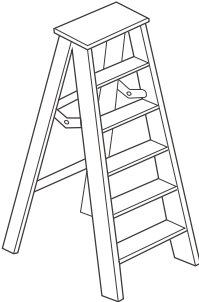
Pliers



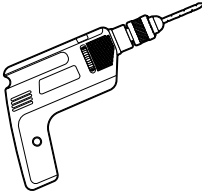
Utility knife



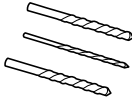
Duct tapes



Ladder



Electric drill



Drill bits



Goggles



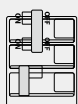
Electrical tape



Gloves

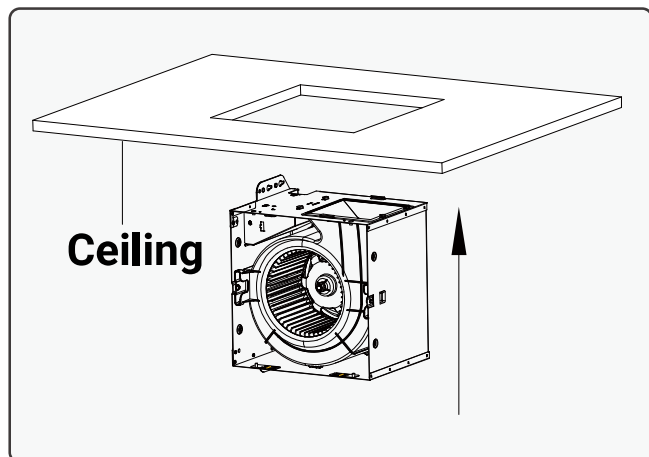
06

Installation With Adjustable Bracket



WARNING:

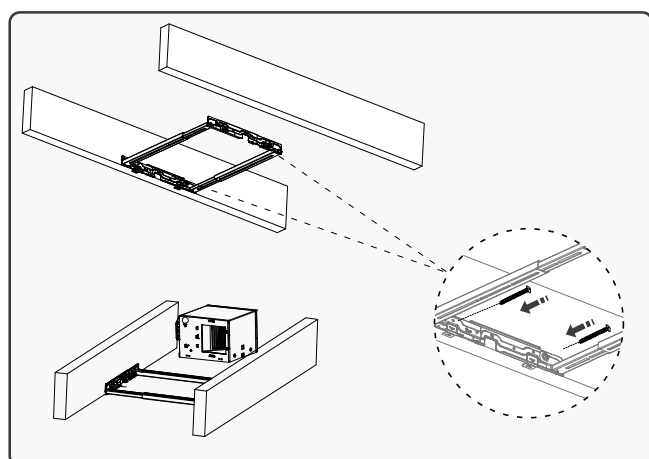
To prevent possible electrical shock, before installing the fan, disconnecting the power by removing fuses or turning off the circuit breakers to the outlet box associated with the wall switch location.



Step 1: Insert the fan housing

Carefully place the fan housing into the ceiling opening from below.

Position it securely inside the ceiling, ensuring that the designated placement area on the side is properly aligned. Refer to the illustration for guidance.

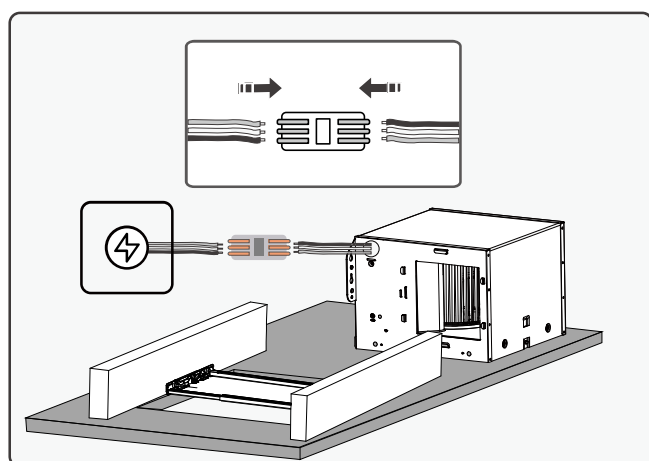


Step 2: Install the Adjustable Bracket

Partially secure the adjustable bracket to the ceiling joists with two screws on one side.

Adjust the bracket's length to fit the spacing between the joists (ranging from 12 to 22 inches).

Once properly aligned, fasten the bracket securely with the remaining two screws.



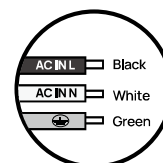
Step 3: Connect the wire

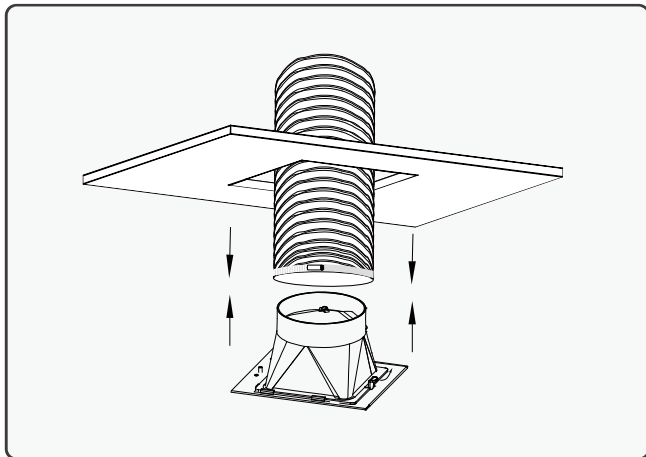
Use the quick wiring connector included in the accessory pack for a secure and convenient connection. Ensure all connections are properly secured before proceeding.

Accessories required:



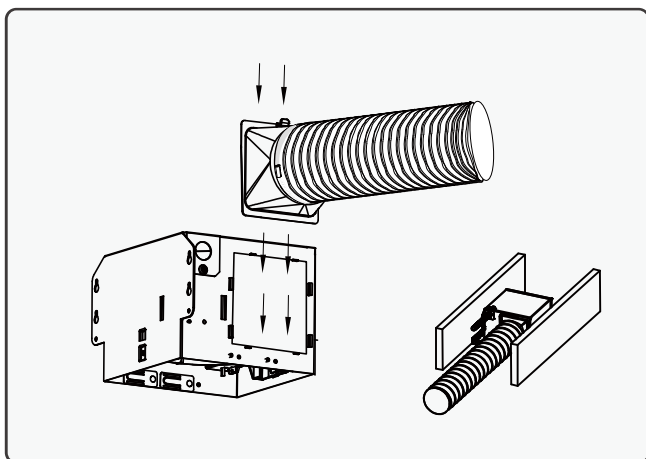
quick wiring connector x 1





Step 4: Connect the duct

Gently pull down the duct from the ceiling opening. Align the duct with the duct damper and securely connect them together. Ensure a tight fit to prevent air leakage. If necessary, use duct tape (not included) or a clamp to reinforce the connection for a secure seal.



Step 5: Attach the Duct and Damper to the Fan Housing

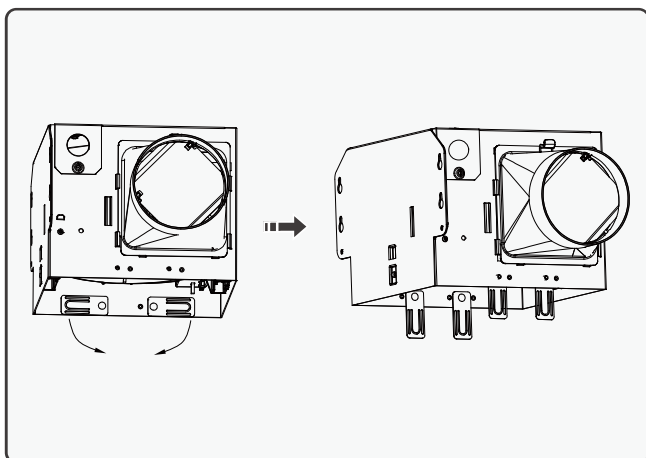
Carefully insert the duct damper assembly into the designated slot on the fan housing. Ensure that the damper is properly aligned and securely locked in place.

**Turn on the power source and check the fan for any abnormal sounds or vibrations. If any issues are detected, turn off the power and inspect the installation to ensure all components are securely in place.*



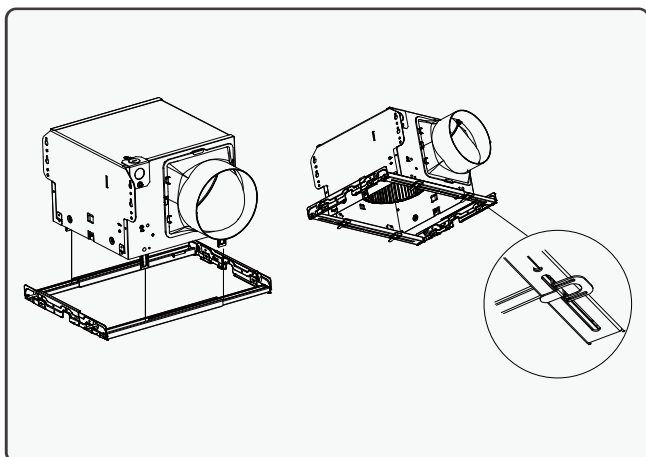
CAUTION:

After checking the exhaust fan, please remember to turn off the power before next installation step.



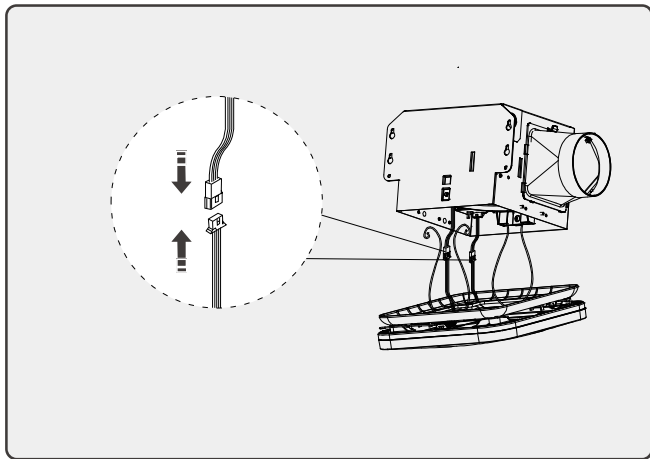
Step 6: Secure the Fan Housing

Rotate the fan housing into its final position as shown in the illustration. Ensure that the duct connection and electrical wiring remain properly aligned. Once positioned correctly, secure the housing using the provided mounting brackets or screws to prevent movement. Double-check that all connections are firm before proceeding to the next step.



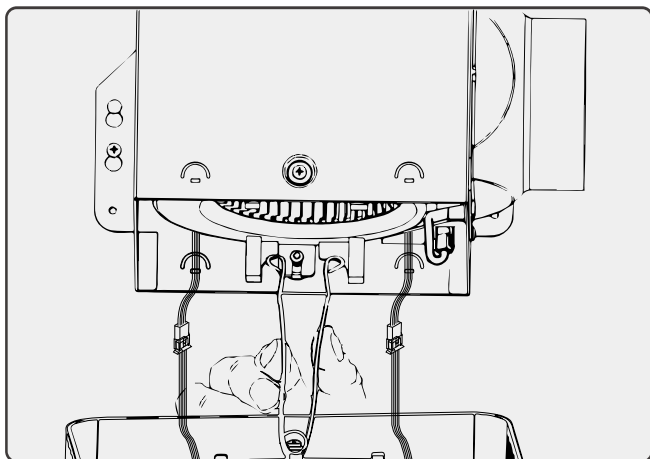
Step 7: Attach the Fan Housing to the Adjustable Bracket

Lower the fan housing onto on the bracket. Ensure that the housing aligns properly with the slots in the bracket. Once in place, firmly press down until the fasteners lock securely into position. Check the connection to make sure the fan housing is stable before proceeding.



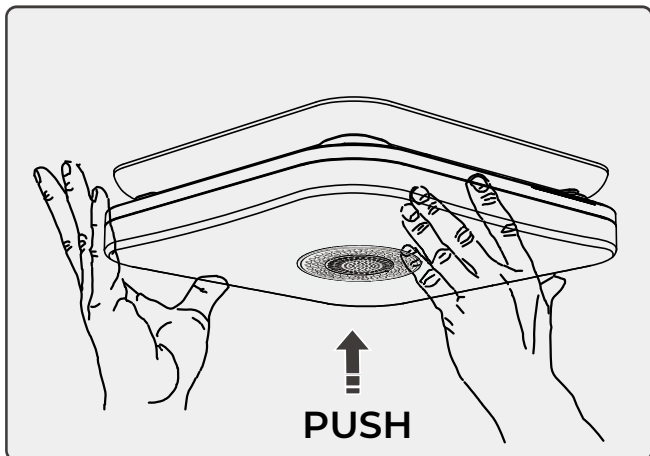
Step 8: Connect the All-in-One Exhaust Fan Light

Align the 2 connectors from the Exhaust Fan Light with the corresponding 2 connectors from the fan housing. Firmly push them together until they securely snap in place. Ensure all wires are properly connected and routed neatly to prevent any obstructions. Once connected, you are ready to attach the grille to the fan housing.



Step 9: Attach the Exhaust Fan Light

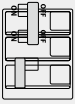
Pinch the mounting springs, insert them into the slots inside the fan housing, and release. Push it up until it sits flush with the ceiling.



Step 10: Finalize Installation

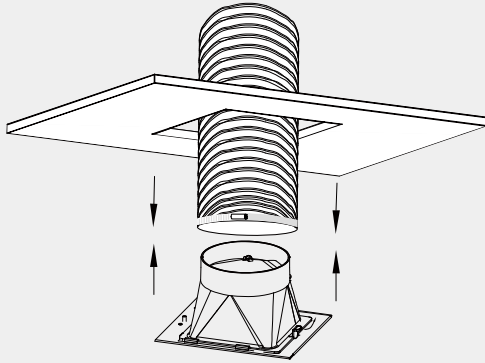
Push the light firmly against the ceiling to secure it in place. Then installation is complete.

Installation Without Adjustable Bracket



WARNING:

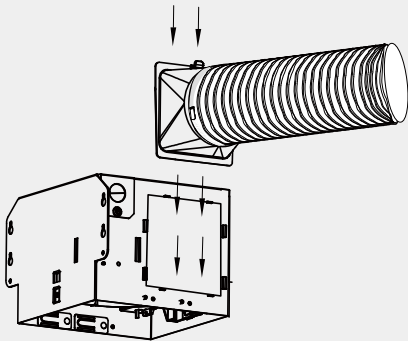
To prevent possible electrical shock, before installing the fan, disconnecting the power by removing fuses or turning off the circuit breakers to the outlet box associated with the wall switch location.



Step 1: Connect the duct

Gently pull down the duct from the ceiling opening. Align the duct with the duct damper and securely connect them together.

Ensure a tight fit to prevent air leakage. If necessary, please use duct tape (not included) or a clamp to reinforce the connection for a secure seal.



Step 2: Attach the Duct and Damper to the Fan Housing

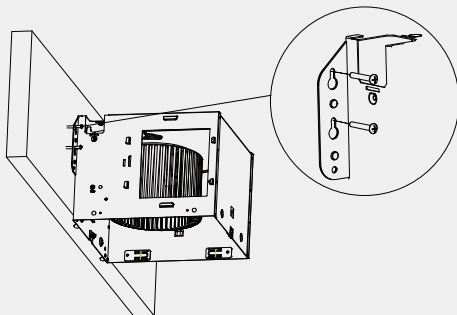
Carefully insert the duct damper assembly into the designated slot on the fan housing. Ensure that the damper is properly aligned and securely locked in place.

**Turn on the power source and check the fan for any abnormal sounds or vibrations. If any issues are detected, turn off the power and inspect the installation to ensure all components are securely in place.*



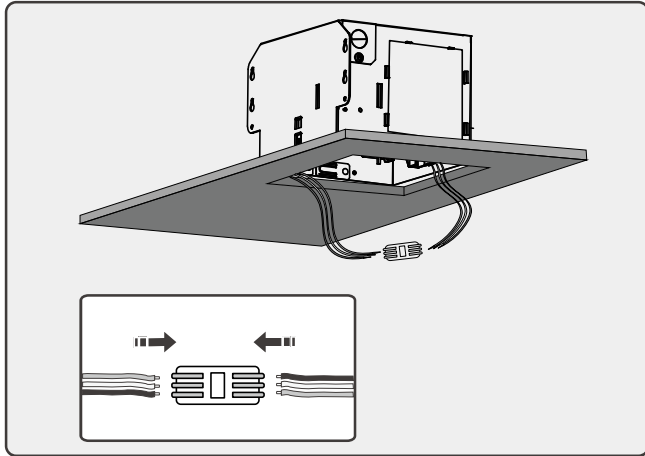
CAUTION:

After checking the fan, please remember to turn off the power before next installation step.



Step 3: Position the Fan Housing

Align the fan housing with the bathroom ventilation hole, ensuring it is flush against the joist. Adjust its position so the exhaust outlet is correctly oriented for duct connection.



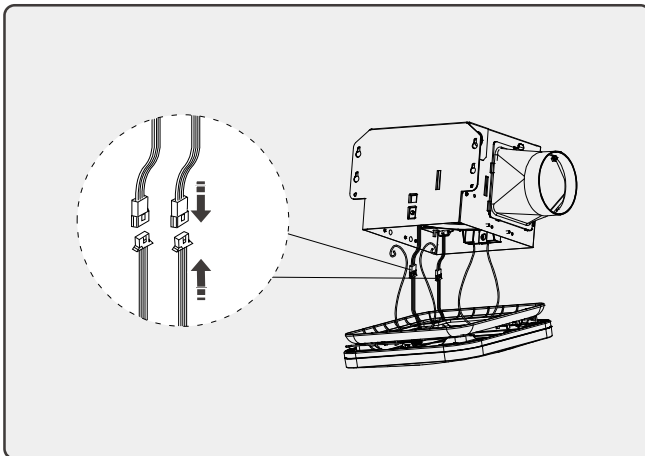
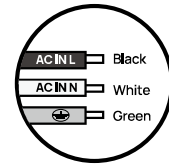
Step 3: Connect the wire

Use the quick wiring connector included in the accessory pack for a secure and convenient connection. Ensure all connections are properly secured before proceeding.

Accessories required:

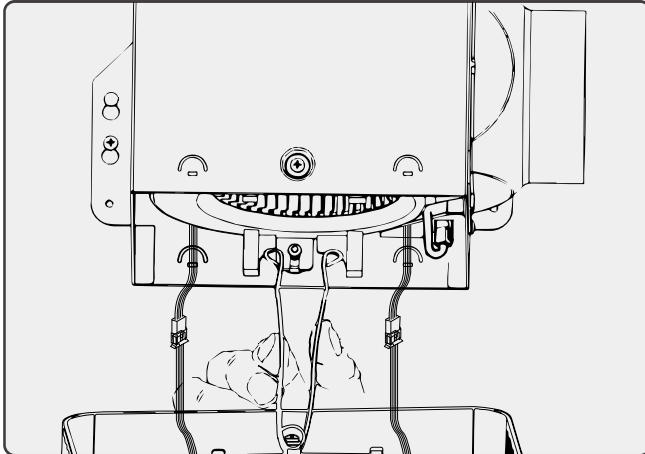


quick wiring connector x 1



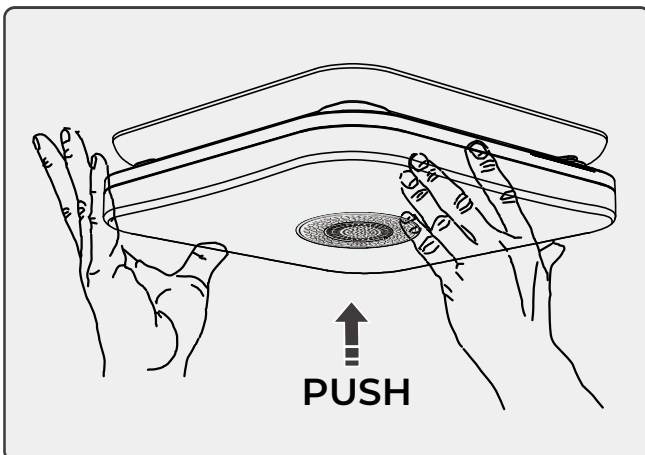
Step 5: Connect the All-in-One Exhaust Fan Light

Align the connectors from the Grille with the corresponding connectors from the fan housing. Firmly push them together until they securely snap into place. Ensure all wires are properly connected and routed neatly to prevent any obstructions. Once connected, you are ready to attach the grille to the fan housing.



Step 6: Attach the Exhaust Fan Light

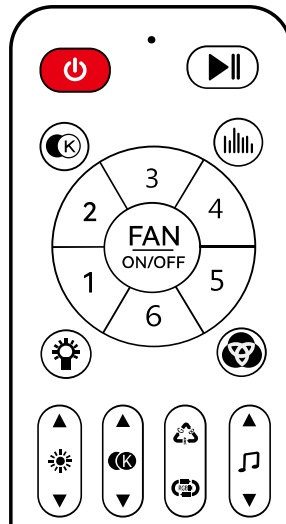
Pinch the mounting springs, insert them into the slots inside the fan housing, and release. Push it up until it sits flush with the ceiling.



Step 7: Finalize Installation

Push the light firmly against the ceiling to secure it in place. Then installation is complete.

Remote Control Instructions



Control

- 1 Button**  On/OFF. Short press to turn on the light or turn off the light & exhaust fan , but the fan will turn off in 5 minutes;
- 2 Button**  Bluetooth ON/OFF. Short press to play or pause Bluetooth pairing, and long press for 5 seconds to cancel it;
- 3 Button**  3CCT Switch. Short press to switch different color temperature: Warm white-2700K/ Daylight White-4000K/ Cool White-6500K;
- 4 Button**  Music Mode ON/OFF. Short press to enter music rhythm mode, and there are 5 music modes;
- 5 Button**  Fan ON/OFF. Short press to turn on/off the fan, and long press the button for 5 seconds to enable the device to enter the App distribution network mode;
- 6 Button**  Fan Speed Switch. Different numbers correspond to different wind speeds, and short press to choose the speed of 6 levels.
- 7 Button**  White Light ON/OFF. Short press to turn on/off the White light;
- 8 Button**  RGB Light ON/OFF. Short press to turn on/off RGB light;
- 9 Button**  Brightness Adjustment. Short press to adjust the brightness of 10 levels, and long press to adjust it steplessly;
- 10 Button**  CCT Adjustment. Short press to adjust the 10-level color temperature, and long press to adjust it steplessly;
- 11 Button**  RGB Static Color Switch. Short press to change the color as the cycle- red, yellow, green, blue, purple, white;
- 12 Button**  RGB Dynamic Mode Switch. Short press to change different RGB dynamic mode.
- 13 Button**  Short press to Previous song, and long press to turn up the music.
- 14 Button**  Short press to Next song, and long press to turn down the music.

How to Download CINOTON APP

1. Download the CINOTON App

You can download the Cinoton app from the App Store(for iOS) or Google Play (for Android). Alternatively, scan the QR code below for a direct link.

2. Create an Account & Log In

Open the Cinoton app and create an account. Once done, log in with your credentials.

3. Add Your Smart Bathroom Fan in the App

Ensure that Wi-Fi and Bluetooth are enabled on your smartphone or tablet.

Important for Android Users: The app may request Location Permission. This is required for Android to allow Bluetooth and Wi-Fi scanning, which is necessary for device setup. Please grant this permission for a successful connection.

Make sure your phone is connected to a 2.4 GHz Wi-Fi network during setup.



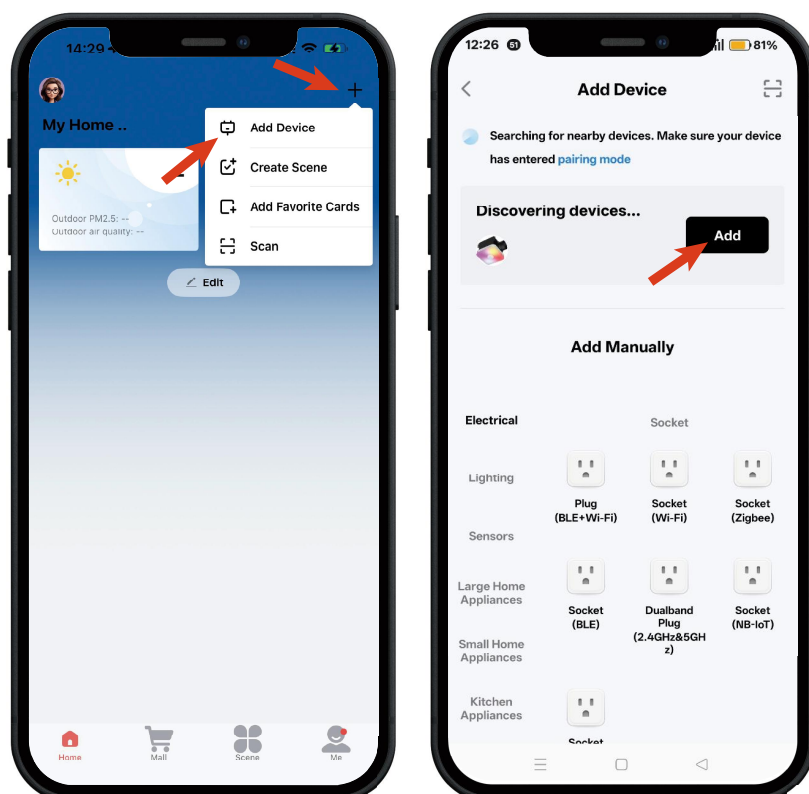
OR



How to Connect Smart Bathroom Fan to CINOTON APP

1. Power on the Smart Bathroom Fan.
2. To enter pairing mode (indicated by a blinking light), choose one of the following methods:
Method A: Switch ON-OFF-ON-OFF-ON Cycling
 - Turn the Smart Bathroom Fan Light ON, wait for 1 seconds.
 - Turn it OFF for 3 seconds.
 - Turn it ON for 1 second.
 - Turn it OFF again for 3 seconds.
 - Finally, turn it ON again.
Method B: Remote Control

Press and hold button  on the remote until the light flashes.
(The light only flashes 10 times)
3. **Confirm the mode: The Smart Bathroom Fan Light should now be blinking.**
If it does not blink, repeat the method (A or B) you just used.
4. On the app, tap the “+” and “Add Device” button to start Wi-Fi and Bluetooth pairing. The app will discover the Smart Bathroom Fan Light. Follow the prompts to add it.
5. If needed, you can also add the Smart Bathroom Fan Light manually by following the instructions in the app.



How to connect Smart Bathroom Fan to Alexa

1. Quick Connect

Open the CINOTON app, then go to Me > Third-Party Voice Services > Alexa > Sign In with Amazon. Follow the on-screen prompts to complete the connection.

2. Detailed Guide

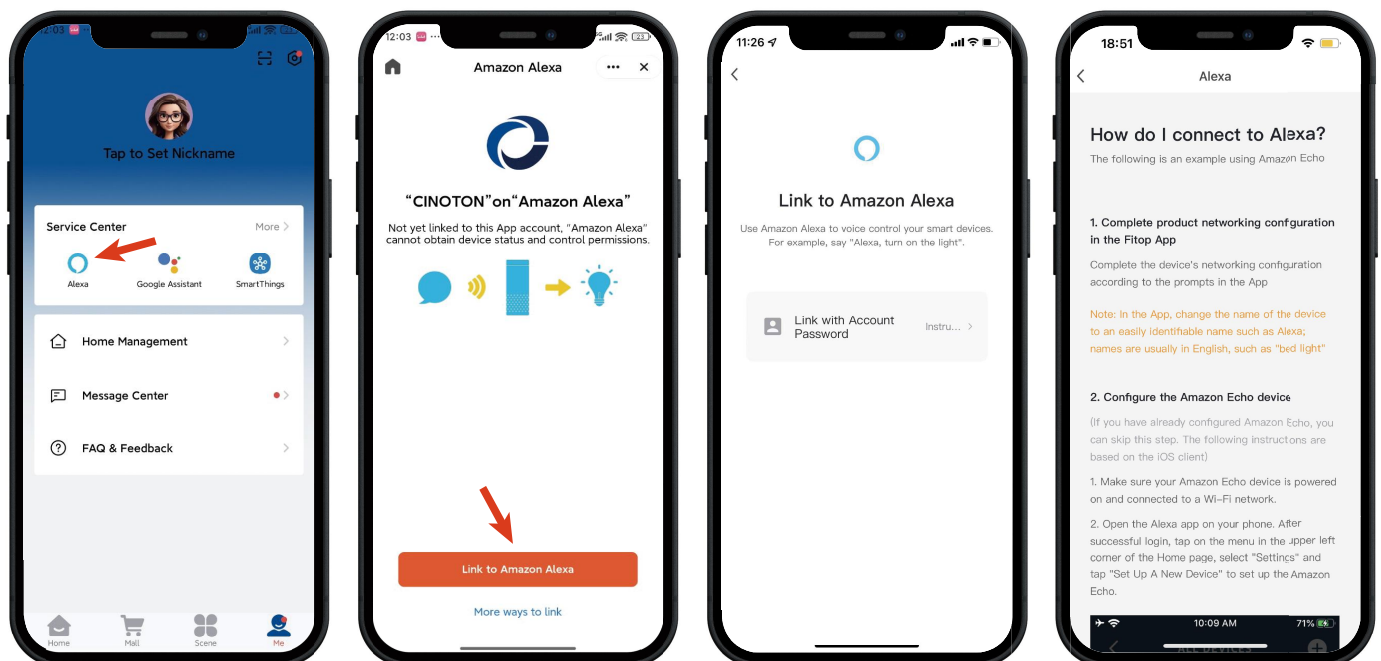
If you need help, navigate to Me > Third-Party Voice Services > Alexa > View more ways to link.

3. Start Linking

On the detailed guide page, tap "Link with Account Password"

4. Complete Setup

Follow the in-app instructions to finish the connection.



How to connect Smart Bathroom Fan to Google Assistant

1. Quick Connect

Open the CINOTON app and go to Me > Third-Party Voice Services > Google Assistant > Link with Google Assistant. Follow the prompts to connect your Smart Bay Lights.

2. Detailed Guide

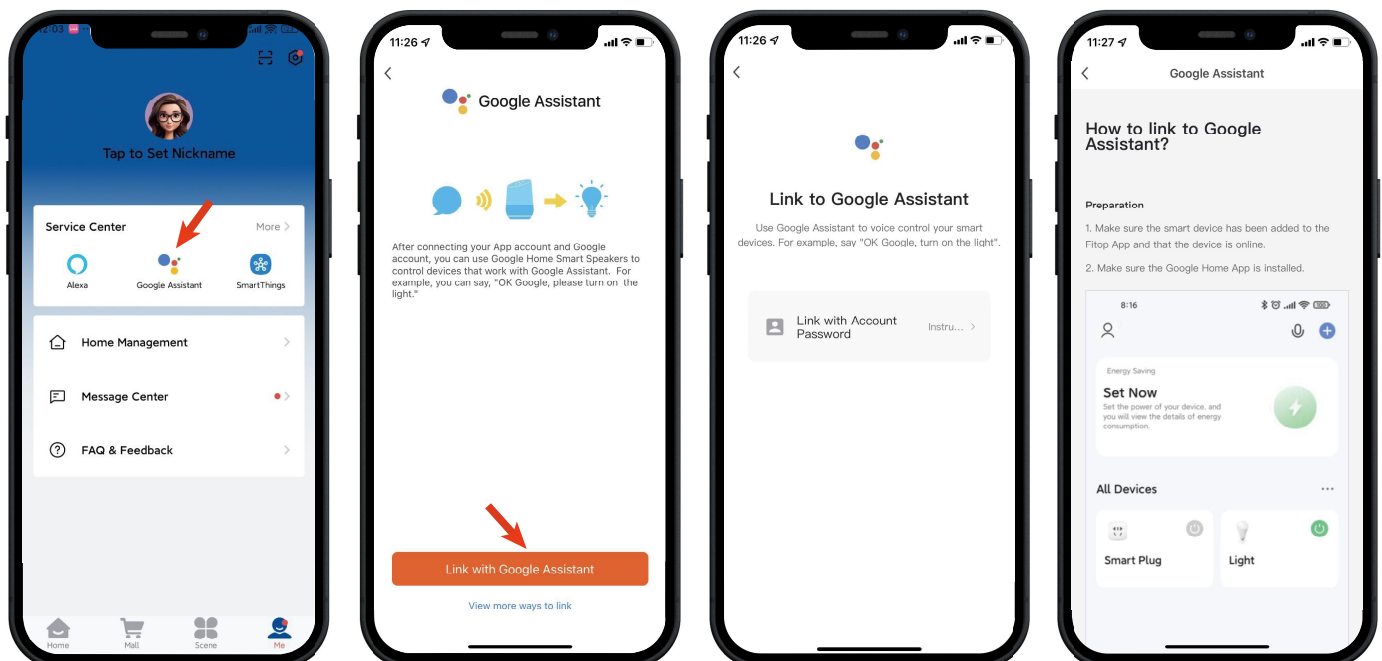
If you need help, navigate to Me > Third-Party Voice Services > Google Assistant > View more ways to link.

3. Start Linking

On the detailed guide page, tap "Link with Account Password"

4. Complete Setup

Follow the in-app instructions to finish the connection.



Common Problems and Solutions

Problem	Possible Cause	Solution
The bathroom fan seems louder than it should.	The CFM is too great.	Be sure the CFM rating on the fan matches the square footage of your room.
	The damper is damaged or not working properly.	Check the damper to ensure it is opening and closing properly. If the damper has become damaged, please contact Customer Service.
	The bend in the duct is too close to the fan discharge.	Be sure you do not have any sharp bends in the duct closer than 18 in. to the fan discharge.
	The fan discharge is reduced to fit a smaller duct.	Use the recommended size ducting to reduce fan noise.
	The fan body is not attached securely.	Be sure the fan is securely attached to the ceiling joists.
The bathroom fan doesn't clear the room.	There is insufficient airflow intake in the room.	Be sure a door or window is slightly ajar or opened to allow airflow. The fan is not able to draw air out of the room without enough airflow to draw from.
	There is insufficient CFM.	NOTE: Using a tissue is not the correct method for determining if the fan is operating properly. If the fan clears steam from the room within approximately 15 minutes of completing your shower, then the fan is operating properly. 

How to Troubleshoot the Connection Problem

What should I do if I cannot connect the Smart Bathroom Fan?

Please check the following items in a logical order:

1. Check Device Status

Make sure the Smart Bathroom Fan is powered on and blinking before you try adding it to the app.

2. Network Band

Confirm that your Wi-Fi network is on the 2.4 GHz band, as this is the only band the Smart Bathroom Fan supports.

3. Credentials & Connectivity

When adding the device in the app, make sure the Wi-Fi password entered is correct, and ensure your Wi-Fi has access to the internet.

4. Phone Connection

Check that your phone is connected to the same Wi-Fi network that you are trying to connect the Smart Ceiling Fan to.

5. Signal & Location

Make sure the Smart bathroom Fan is within range of your Wi-Fi router and not placed inside a metal container, as this can block the signal.

Customer Service

If you have any questions about use and operation, you can contact us!

1. Customer Service Email:

 Email: cinoton.service@gmail.com

2. Contact Amazon sellers in Amazon mail for purchase or after-sales issues

After the customer places an order, there will be a "Contact seller" option on the page, mainly by sending an email to contact the seller, or on the product page, click the seller's name to see the seller's contact information.

After logging in to your Amazon account, click "My Orders";

If the product is sold directly by Amazon, there is the seller's contact information on the right.

You can also go directly to the shopping page of the product, and see "SellerXXX, Delivery XXX" on the details page, which means that it is sold by a third-party store seller.

Then click on the seller's name to see the seller's contact information in the lower right corner of the page.

After that, everyone can contact the seller and communicate about the product.



Warranty
1 Year



Customer Service
7 × 24h



FCCID: 2BGFSSTR-HV-001

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.