OREiN Bath Fan OL05S
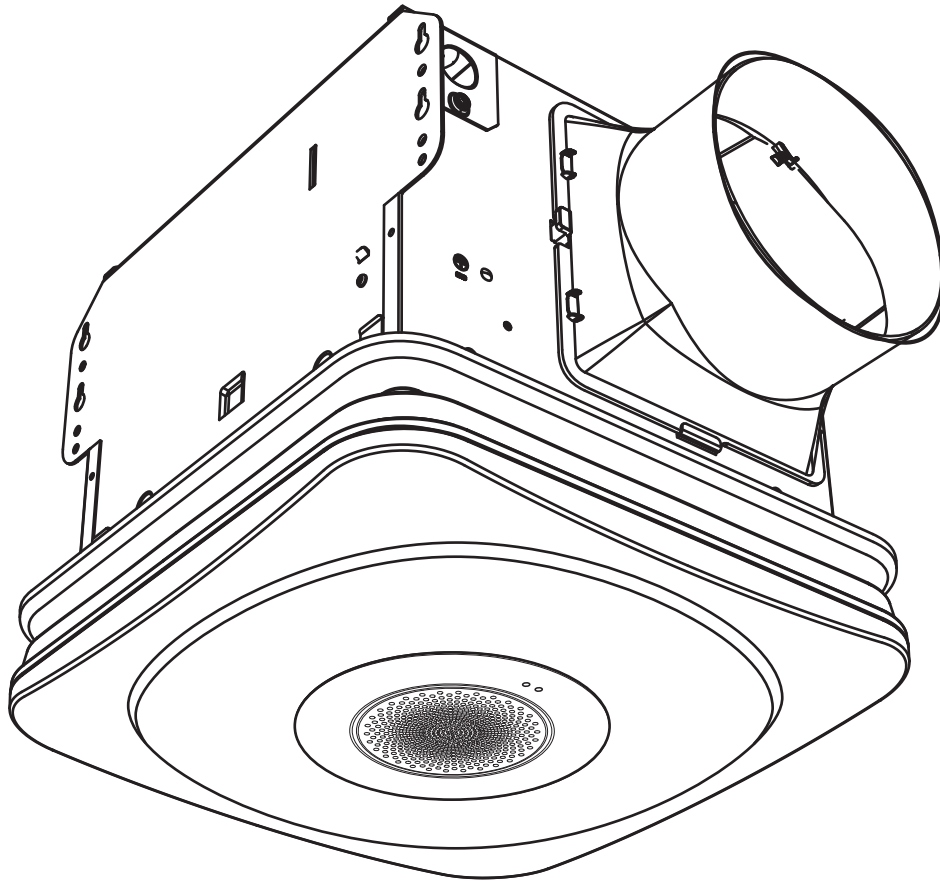
OREiN

illuminate for a better life

Matter Smart Bathroom fan with Light & Bluetooth Speaker & Humidity Sensor

Quick User Guide

Model ID:OA08004112
FCC ID: 2AZR9-OA08004112

◼ Table of Contents

◼ Safety Information

Please read and understand this entire manual before attempting to assemble, operate or install the product.

1. Always disconnect the power supply prior to servicing the fan, motor or junction box.
2. Follow all local building, safety and electrical codes as well as NEC (National Electrical Code) and OSHA (Occupational Safety and Health Act).
3. Electric Service supply must be 120 volts, 60 hertz.
4. This product must properly connect to the grounding conductor of the supply circuit.
5. Do not bend or kink the power wires.
6. Do not use this fan with any solid state control device, such as, dimmer switch, or certain timers. Mechanical timers are not solid state devices.
7. Do not install in a ceiling with insulation greater than R50.
8. Duct work should be installed in a straight line with minimal bends.
9. Duct work size must be the same size as the discharge and should not be reduced. Reducing the duct size may increase fan noise.

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

1. Use this unit in the manner intended by the manufacturer. If you have any questions. Please call customer service.
2. Before servicing or cleaning unit, switch power off at service panel and lock the service disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a prominent warning device, such as a tag, to the service panel.
3. Installation work and electrical wirina must be done by a qualified personis) in accordance with all apolicable codes and standards, including fire-rated construction.
4. Sufficient air is needed for proper combustion and exhausting of gases through the flue (chimney) of fuel burning equipment to prevent backdrafting.Follow the heating equipment manufacturer's guideline and safety standards such as those published by the National Fire Protection Association(NFPA), and the American Society for Heating, Refrigeration and Air Conditioning Engineers (ASHRAE) and local code authorities.
5. When cutting or drilling into the wall or ceiling, do not damage electrical wiring and other hidden utilities.
6. Ducted fans must always be vented to the outdoors.
7. If this unit is to be installed over a tub or shower, it must be marked as appropriate for the application and be connected to a GFCI (Ground Fault Circuit Interrupter) – protected branch circuit.
8. For use in one-and two-family dwllings only
9. Type ic-inherently protected
10. For use in non fire rated installations only
11. Sultable for damp locations

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

⚠ **CAUTION:** Not for use in cooking areas.

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

■ Product Specification

SPECIFICATIONS
Airflow: 110/160 CFM; Main light: 1500lm; Night light: 200lm
Voltage: 120 V, 60 Hz
Duct diameter: 6 in.
Sound output: 1.0 Sones

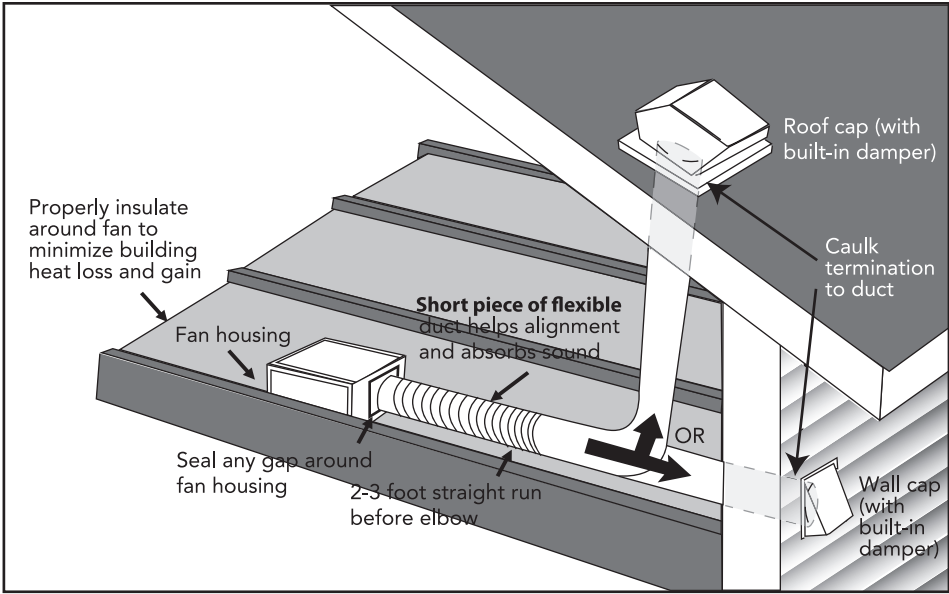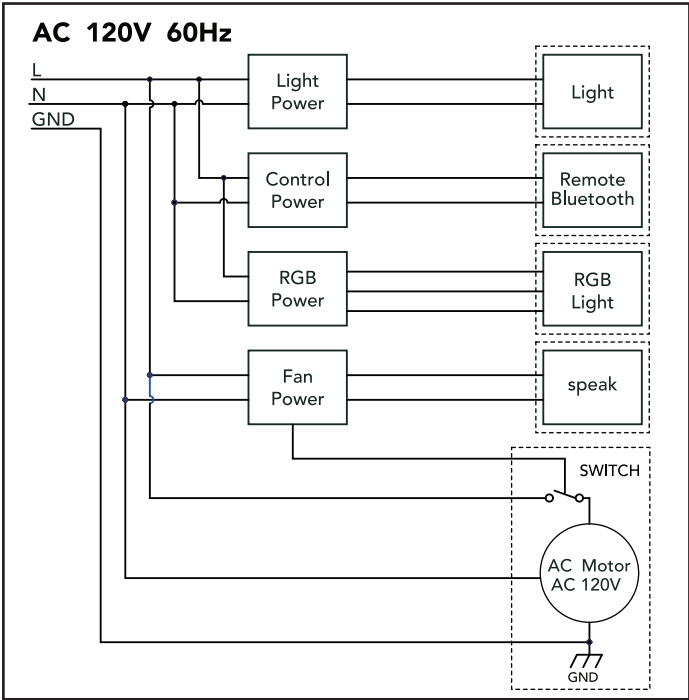| SPECIFICATIONS |
| --- |
| Power consumption: Fan 40W, Light 20W |
| Weight: 13.47 lbs. |
| Ceiling Opening Dimension Requirements: 11.39 in. (L) x 10.42 in. (W) x 9.0 in.(H) |

■ Typical Installation

The ducting from this fan to the outside of the building has a strong effect on the air flow, 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.

Properly insulate around fan to minimize building heat loss and gain

Roof cap (with built-in damper)

Caulk termination to duct

Short piece of flexible duct helps alignment and absorbs sound

Fan housing

Seal any gap around fan housing

2-3 foot straight run before elbow

OR

Wall cap (with built-in damper)

■ Wiring Diagram

AC 120V 60Hz

L
N
GND

Light Power — Light

Control Power — Remote Bluetooth

RGB Power — RGB Light

Fan Power — speak

SWITCH

AC Motor AC 120V

GND

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.

WARNING: Please do not use dimmable switches.

◼ Warranty

LIMITED LIFETIME WARRANTY
WHAT IS COVERED

If this product fails due to a defect in materials or workmanship at any time during the first FIVE years of ownership, the manufacturer will replace it free of charge, postage-paid at their option. This warranty does not cover products that have been abused, altered, damaged, misused, cut orworn. This warranty does not cover use in commercial applications. Use only manufacturer-supplied genuine warranty repair replacement parts to repair this fan. Use of non-genuine repair parts will void your warranty. The manufacturer DISCLAIMS all other implied or express warranties including all warraties of merchant ability and/or fitness for a particular purpose. As some states do not allow exclusions or limitations on an implied warranty, the above exclusions and limitations may not apply. This warranty gives you specific legal rights, and you may have other rights that vary from state to state. This warranty is limited to the replacement of defective parts only. Labor charges and/or damage incurred during installation, repair, replacement as well as incidental and consequential damages connected with the above are excluded. Any damage to this product as a result of neglect, misuse, accident, improper installation or use other than the purpose SHALL VOID THIS WARRANTY. Shipping costs for return product as part of a claim on the warranty must be paid for by the customer. Customer Service or visit www.iorein.com.

◼ Pre-installation

PLANNING INSTALLATION

Before beginning assembly of the product, make sure all parts are present. Compare parts with the package contents list and hardware contents. If any part is missing or damaged, do not attempt to assemble the product.

> ⚠ **WARNING:** Turn off electricity at breaker box before beginning installation.

Carefully remove the unit from the carton.

Check area above installation location to be sure that wiring can run to the planned location and that duct work can be run and the area is sufficient for proper ventilation.

Inspect duct work and wiring before proceeding with installation.

Before installation, provide inspection and future maintenance access at a location that will not interfere with installation work.
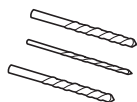
> 📝 **NOTE:** Installation may vary depending on how the previous bath fan was installed. Supplies necessary for the installation of your bath fan are not all included. However, most are available at your local home improvement or hardware store.

TOOLS REQUIRED (not included)
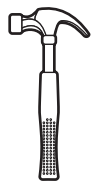
Claw hammer

Drill bits

Flathead screwdriver

Duct tape

Pliers
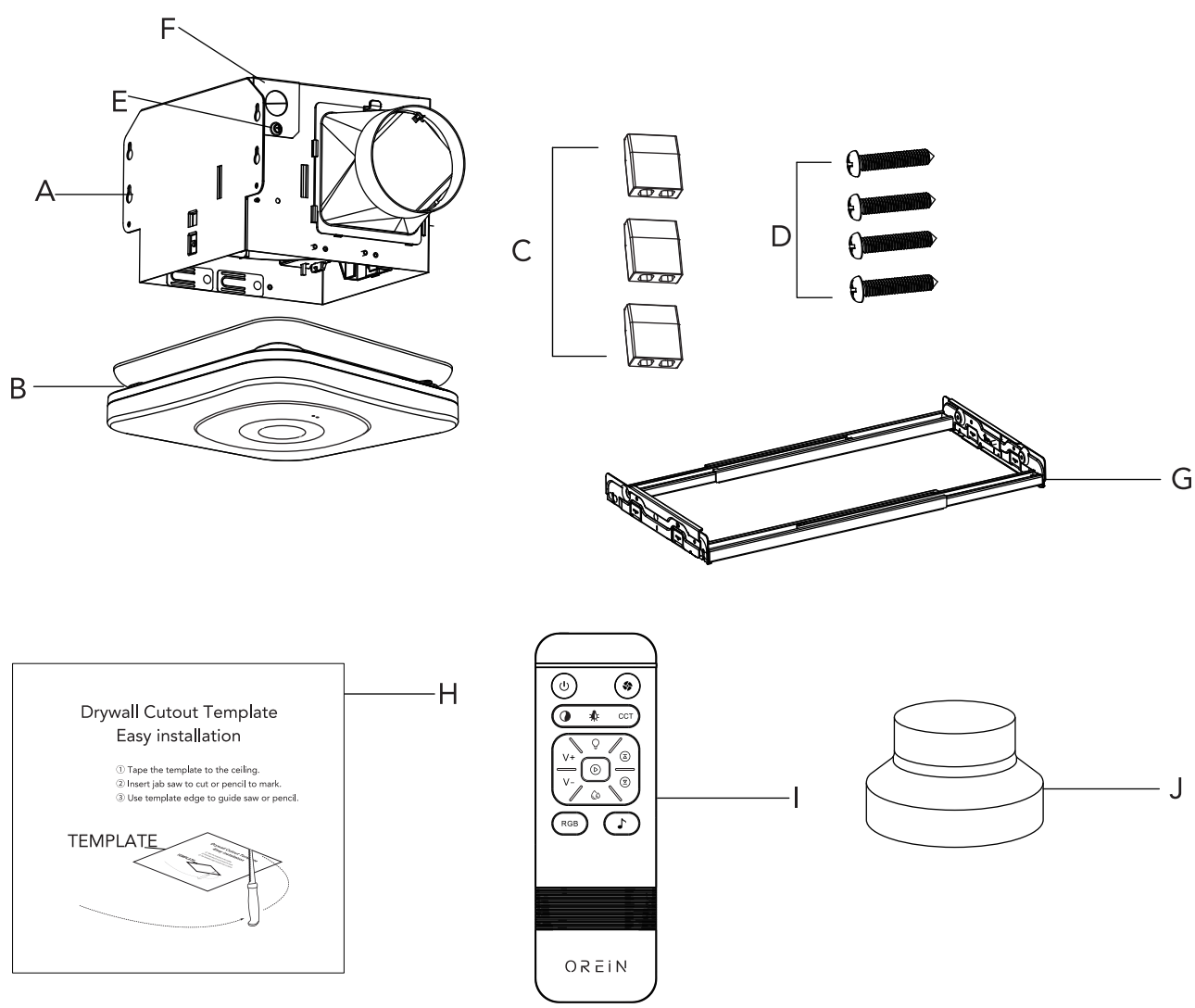
Phillips head screwdriver

Utility knife

Electric drill

Goggles

Gloves

◼ Pre-installation (continued)

PACKAGE CONTENTS

Part	Description	Quantity
A	Fan housing	1
B	Lampshade	1
C	Wire connector	3
D	Joist screw	4
E	Short screw	1
F	Wire cover	1
G	Flex bracket	1
H	Drywall Cutout Template	1
I	Remote control	1
J	6 to 4 Inch Duct Reducer	1

# Installation - New Construction with Flex Bracket

CAUTION: ▫ Make sure power is switched off at service panel before starting installation.
▫ Wear gloves during installing to help protect your hands from injury.

NOTE: Ceiling mount only.

IMPORTANT:
Please remove the tape, which protects the damper during shipping and installation, from the duct adaptor as shown below.


Adaptor
Damper
Tape
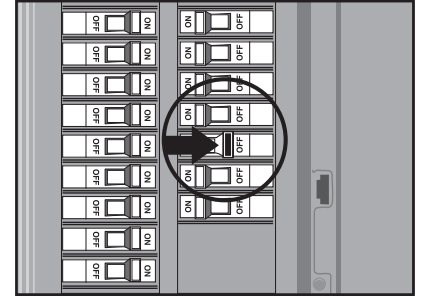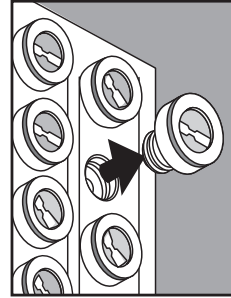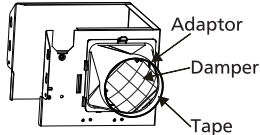
1 Install the flex bracket

▫ Bend down 4 tabs on the side of flex bracket (G) for positioning, pre-install the flex bracket to joists by using 2 screws (D) on one side.

▫ Adjust the length of flex bracket (G) to fit the spacing between the joists (12in. to 22in.). Attach the flex bracket with the other 2 screws (D).

▫ Please make sure the bottom of the flex bracket will be flush with the bottom of the joists.
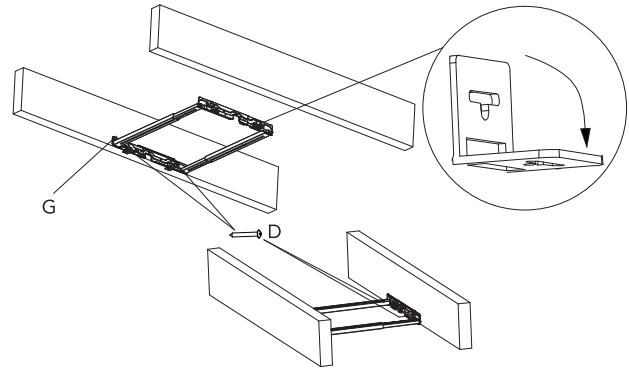

2 Adjust the tabs of fan housing

▫ Pull the 4 tabs (AA) of the fan housing into the vertical position.
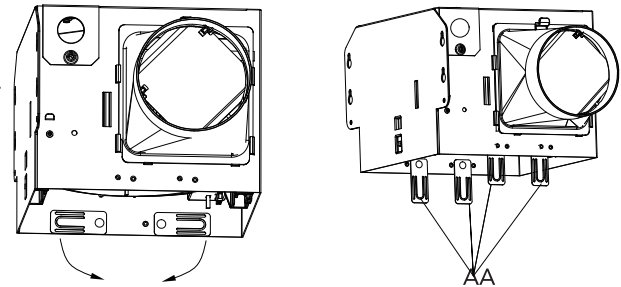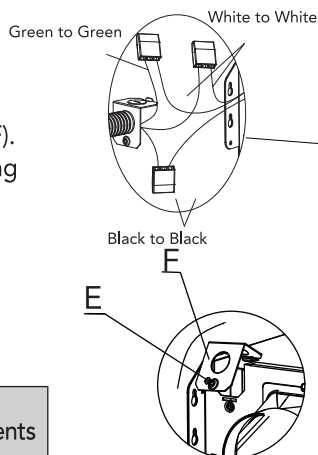

3 Install the fan housing on bracket

▫ Align the 4 tabs (AA) on the fan housing through the slots on the flex bracket (G). Then insert the tabs through the slots until the fan housing (A) sitting on the flex bracket (G).

▫ Then bend the tabs (AA) to both sides to attach the fan housing firmly on the flex bracket (G).
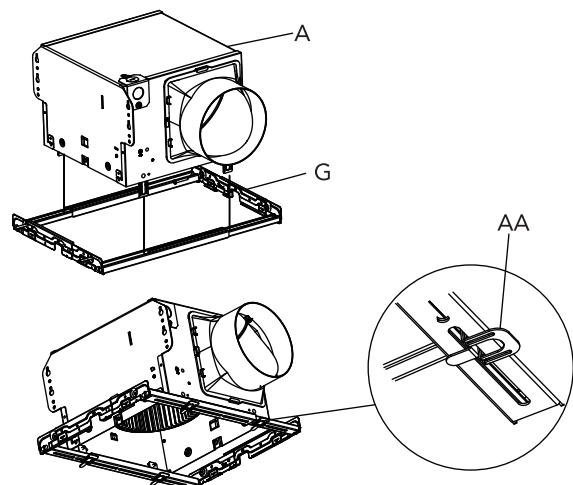
■ Installation - New Construction (continued)

4   Connect the wire

□ Loosen the short screw (E) and remove the wire cover (F).
□ Pull the house wires through the knockout of wire cover (F). Using the wire connecter to connect 120 V AC house wiring from the wall switch to the fan as shown in the wiring diagram on page 3. Please connect the wires with the wire connector.
□ Carefully push the connected wires back into the wiring compartment of the fan housing (A). Reattach the wire cover (F) and attach it firmly with the short screw (E).

⚠ **CAUTION:** If the electrical wires do not match the colors listed, you must determine what each house wire represents before connecting. You may need to consult an electrical contractor to determine safely.

Green to Green
White to White
Wire Nut Connections Ground- Green or copper wire Neutral-White to White wire Line-Black to Black wire

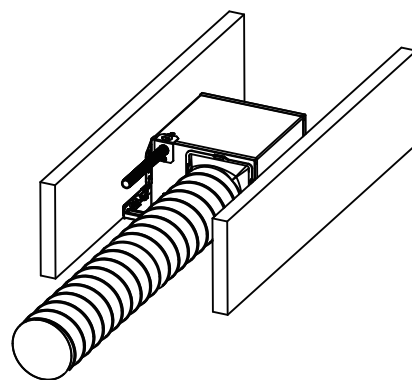C   A

Black to Black

E

E

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5   Connect the duct

□ Connect a 6 in. circular duct (not supplied) and vent to the duct connector. Secure it with duct tape (not supplied) or a clamp (not supplied) to make the connection secure and air tight.
□ Turn on the power source. Check the fan for any abnormal sound or vibration.

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

⚠ **CAUTION:** An insulated duct will help prevent condensation when the warm air from the bathroom meets the cold duct in the attic. To prevent the insulation from sliding down the duct, wrap the connections a few times with HVAC tape.

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6   Finish the ceiling work

□ After electrical and construction inspection is completed, the dry wall ceiling can be installed.
□ Cut the ceiling hole with the cut-hole template (H) or the size 11.39*10.42inch (290*265mm). Ceiling hole should be aligned with the inside edge of fan housing.
□ Important: Cover and seal up all gaps with duct tape

📋 **NOTE:** That it is common practice in heating and ventilation systems using sheet metal ductwork and fittings or flexible duct work tubing to use duct tape or aluminum tape to ensure air tight seals and improve efficiency.

TEMPLATE
11.39inch
10.42inch

Duct tape   Gaps   Duct tape
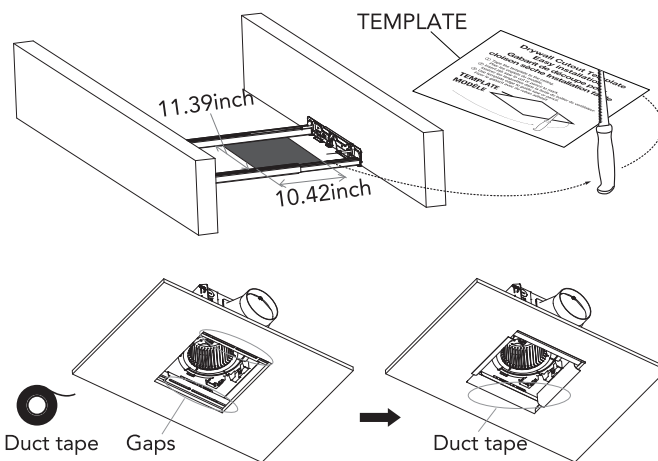
■ Installation - New Construction (continued)

7 Install the lampshade

Plug

- Attach the lampshade by squeezing one spring together and inserting the springs into the spring guides in the fan housing (A) firstly.
- Connect LED wire to the plug in the fan housing.
- Then insert another spring and push the grille (B) up against the ceiling.
- Check that the installation is secure and safe from falling objects.
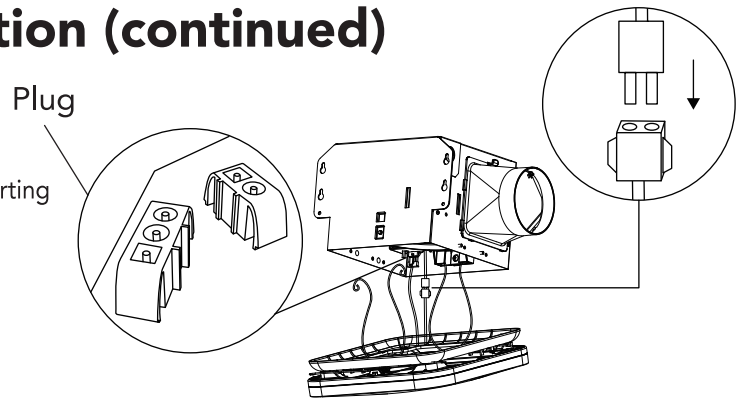
# ■ Installation - New Construction without Flex Bracket

CAUTION: ▫ Make sure power is switched off at service panel before starting installation.
▫ Wear gloves during installing to help protect your hands from injury.

NOTE: Ceiling mount only.

IMPORTANT:
Please remove the tape, which protects the damper during shipping and installation, from the duct adaptor as shown below.

Adaptor

Damper

Tape

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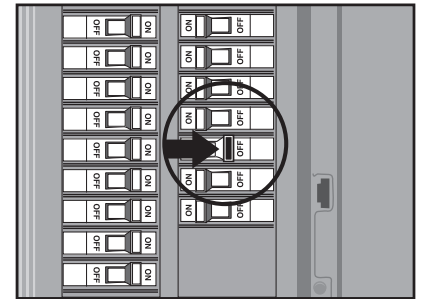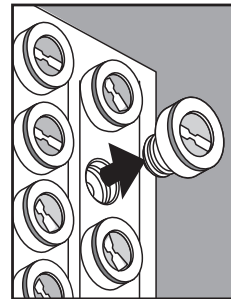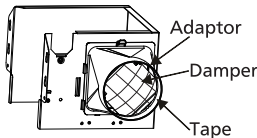
1 Remove the duct connector and wire cover

- To remove duct connector, pull up on the finger latch, then slide the duct connector up until until it is removed from the fan housing (A).
- Loosen the short screw (E) and remove the wire cover (F).

F

Finger latch

A

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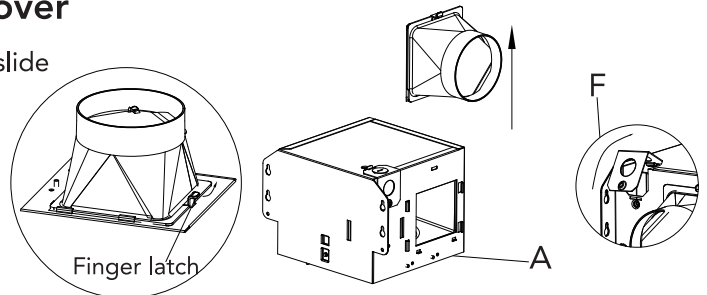
2 Finish the ceiling work

TEMPLATE

- After electrical and construction inspection is completed, the dry wall ceiling can be installed.
- Cut the ceiling hole with the cut-hole template (H) or the size 11.39*10.42inch (290*265mm). Ceiling hole should be aligned with the inside edge of fan housing.
- Important: Cover and seal up all gaps with duct tape

NOTE:MAKE SURE ONE EDGE OF THE OPENING IS FLUSH WITH THE JOIST FOR INSTALLATION.
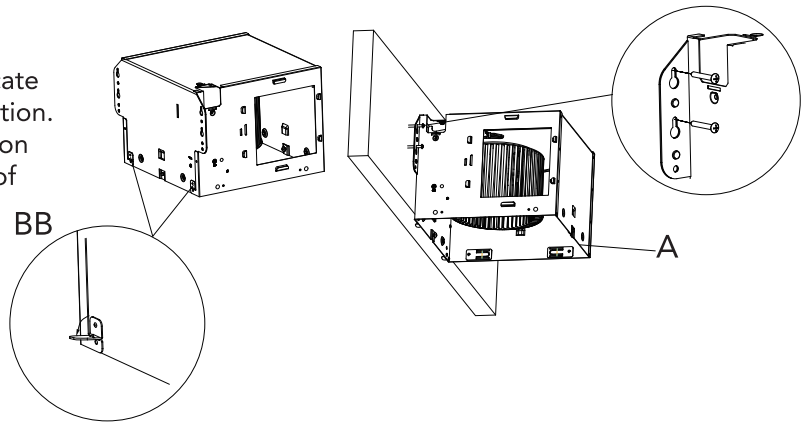
NOTE: That it is common practice in heating and ventilation systems using sheet metal ductwork and fittings or flexible duct work tubing to use duct tape or aluminum tape to ensure air tight seals and improve efficiency.

Duct tape   Gaps   Duct tape
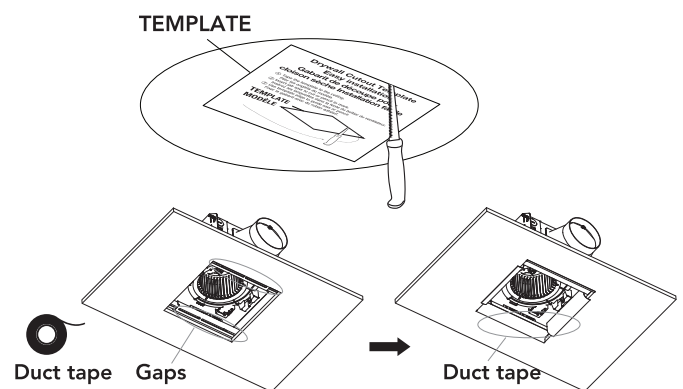
# ■ Installation - New Construction(continued)

3 Mount the housing to the joist

▫ Bend down 2 tabs (BB) on outside of housing to locate and position against bottom of joist for proper position.
▫ Secure fan housing (A) through mounting keyholes on bracket with with 4 screws (D). Make sure bottom of fan housing will be flush with finished ceiling.

BB

A

4 Connect the wire

Wire Nut Connections Ground- Green or copper wire Neutral-White to White wire Line-Black to Black wire

▫ Pull the house wires through the knockout of wire cover (F). Using the wire connecter (C) to connect 120 V AC house wiring from the wall switch to the fan as shown in the wiring diagram on page 3.Please connect the wires with the wire connector.
▫ Carefully push the connected wires back into the wiring compartment of the fan housing (A). Reattach the wire cover (F) and attach it firmly with short screw (E).
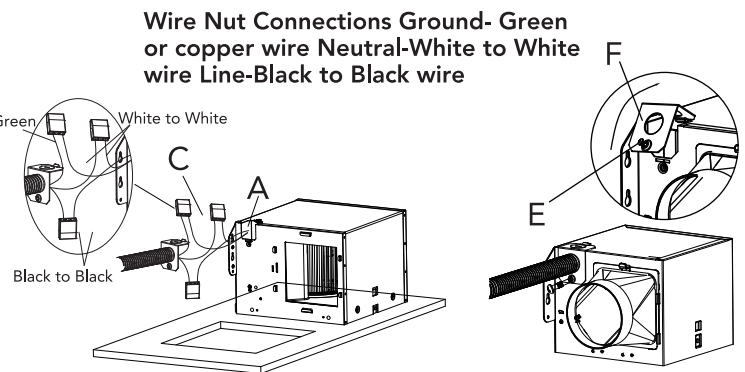
Green to Green   White to White   F

C

A   E

Black to Black

5 Connect the duct

▫ Connect a 6 in. circular duct (not supplied) and vent to the duct connector. Secure it with duct tape (not supplied) or a clamp (not supplied) to make the connection secure and air tight.
▫ Insert the duct connector back to the fan housing (A) follow the guide slot from up to down. And it will be in place with a "click"sound. Please secure it tightly.

⚠ **CAUTION:** An insulated duct will help prevent condensation when the warm air from the bathroom meets the cold duct in the attic. To prevent the insulation from sliding down the duct, wrap the connections a few times with HVAC tape.
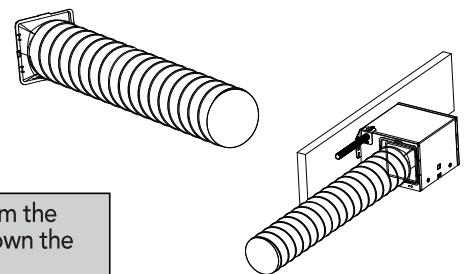
6 Install the lampshade

Plug

▫ Attach the lampshade by squeezing one spring together and inserting the springs into the spring guides in the fan housing (A) firstly.
▫ Connect LED wire to the plug in the fan housing.
▫ Then insert another spring and push the grille (B) up against the ceiling.
▫ Check that the installation is secure and safe from falling objects.
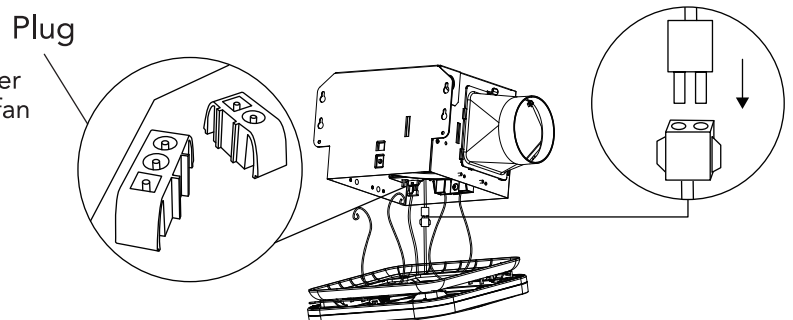
■ Installation - Existing Construction

1   Remove the existing fan

> ⚠ **CAUTION:** ▫ Make sure power is switched off at service panel before starting installation.
> ▫ Wear gloves during installing to help protect your hands from injury.

▫ **Remove the old fan from the ceiling.**

IMPORTANT:
Please remove the tape, which protects the damper during shipping and installation, from the duct adaptor as shown below.

Adaptor
Damper
Tape

Joist
Ceiling board

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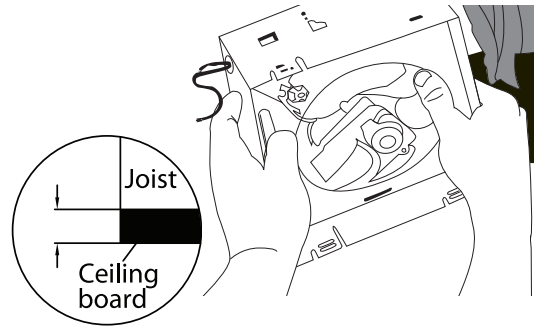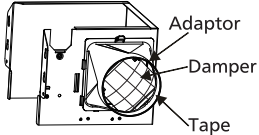
2   Finish the ceiling work

▫ After electrical and construction inspection is completed, the dry wall ceiling can be installed.

▫ Cut the ceiling hole with the cut-hole template (H) or the size 11.39*10.42inch (290*265mm). Ceiling hole should be aligned with the inside edge of fan housing.

▫ If the hole is too big, you'll need to patch the ceiling. Cut a piece of drywall to make the ceiling hole the right size for your fan. Attach the drywall filler to a larger piece of wood; set it in the hole and drive screws through the ceiling into the wood. The patched areas can be repaired with spackling compound later.
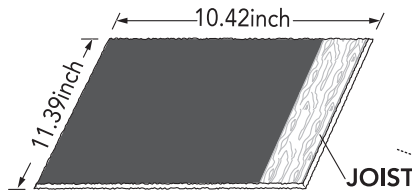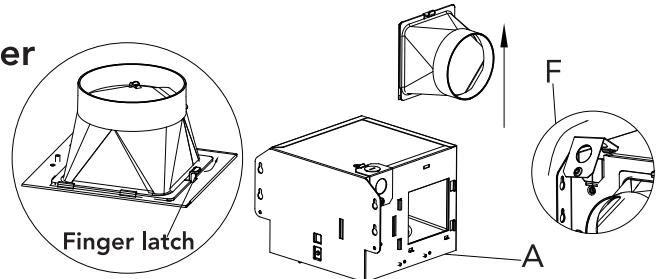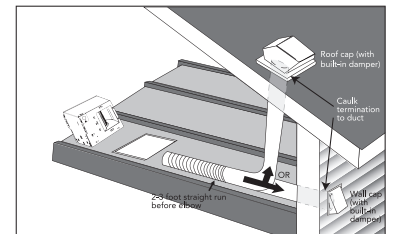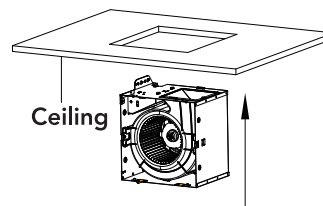
10.42inch
11.39inch
JOIST
TEMPLATE

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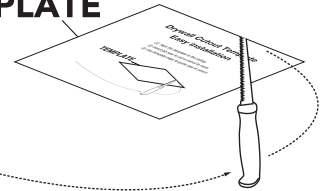
3   Remove the duct connector and wire cover

▫ To remove duct connector, pull up on the finger latch, then slide the duct connector up to down until it is removed from the fan housing (A).

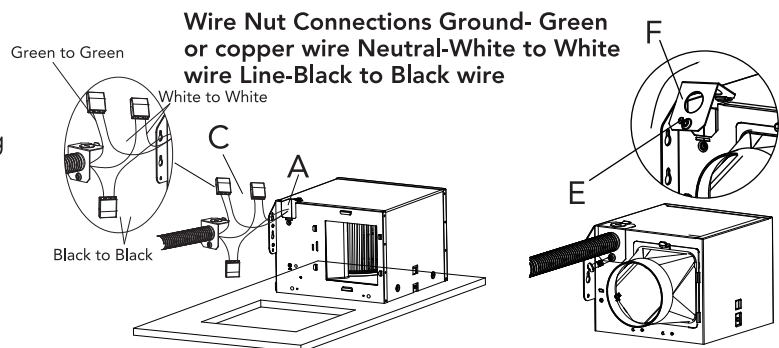▫ Loosen the short screw (E) and remove the wire cover (F).

Finger latch
F
A

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4   Place the fan housing

▫ Place the fan housing (A) inside the ceiling through the hole. And then place on the side. Shown as in picture.

Ceiling

Roof cap (with built-in damper)
Caulk termination to duct
2.5 foot straight run before elbow
Wall cap (with built-in damper)

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5   Connect the wire

▫ Pull the house wires through the knockout of wire cover (F). 5 Using the wire connecter (C) to connect 120 V AC house wiring from the wall switch to the fan as shown in the wiring diagram on page 3. Please connect the wires with the wire connector.

▫ Carefully push the connected wires back into the wiring fan housing (A). Reattach the wire cover (F) attach it firmly with the short screw (E).

Wire Nut Connections Ground- Green or copper wire Neutral-White to White wire Line-Black to Black wire

Green to Green
White to White
Black to Black
C
A
F
E

# ▉ Installation - Existing Construction(continued)

6 Connect the duct

- Connect a 6 in. circular duct (not supplied) and vent to the duct connector. Secure it with duct tape (not supplied) or a clamp (not supplied) to make the connection secure and air tight.
- Insert the duct connector back to the fan housing (A) follow the guide slot from up to down. And it will be in place with a "click" sound. Please secure it tightly.
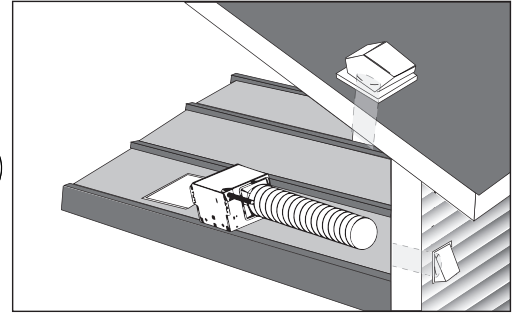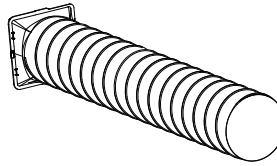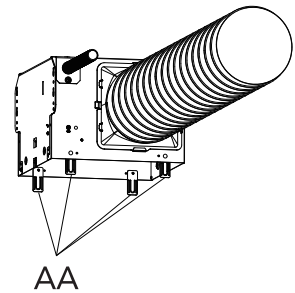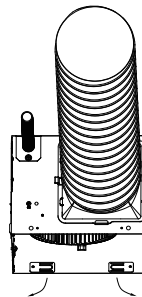
7 Install the flex bracket

- Put the flex bracket (G) inside the ceiling through hole.
- Fix the flex bracket (G) onto the joists with 4 screws (D). The flex bracket is adjustable to fit different space (12~22inches) between the joists.
- Please make sure the bottom of the flex bracket will be flush with the bottom of the joists.
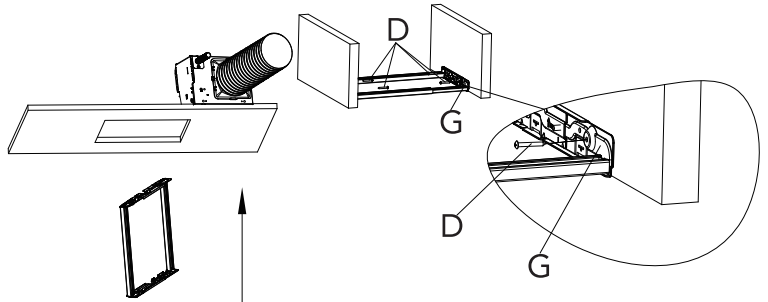
8 Adjust the inserts of fan housing

- Pull the 4 tabs (AA) of the fan housing into the vertical position.

9 Install the fan housing on bracket

- Align the 4 tabs (AA) on the fan housing through the slots on the flex bracket (G). Then insert the tabs through the slots until the fan housing (A) sitting on the flex bracket (G).
- Then bend the tabs (AA) to both sides to attach the fan housing firmly on the flex bracket (G).
- Important: Cover and seal up all gaps with duct tape
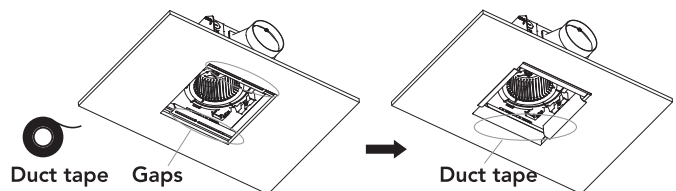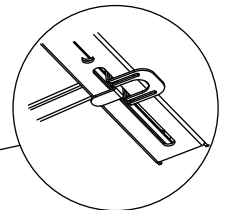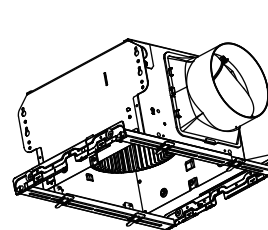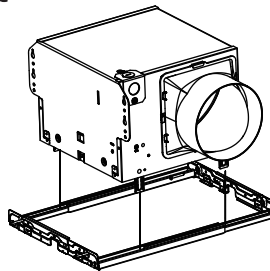
NOTE: That it is common practice in heating and ventilation systems using sheet metal ductwork and fittings or flexible duct work tubing to use duct tape or aluminum tape to ensure air tight seals and improve efficiency.

Duct tape   Gaps   Duct tape

■ Installation - Existing Construction(continued)

10 Install the lampshade

Plug

- Attach the lampshade by squeezing one spring together and inserting the springs into the spring guides in the fan housing (A) firstly.
- Connect LED wire to the plug in the fan housing.
- Then insert another spring and push the grille (B) up against the ceiling.
- Check that the installation is secure and safe from falling objects.
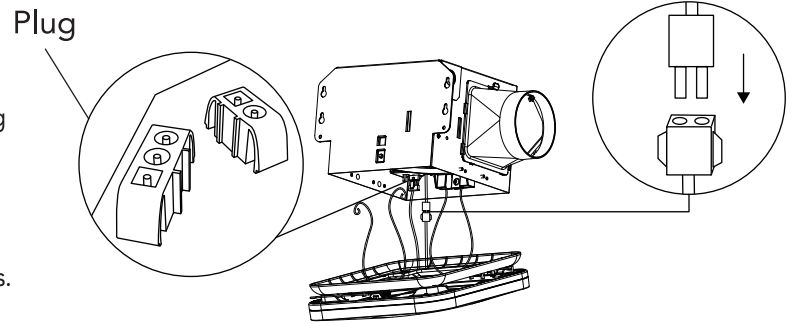

■ Care and Maintenance

> ⚠ **WARNING:** Disconnect power supply before servicing.

- See SAFETY INFORMATION before proceeding. Routine maintenance should be done at least once a year.
- Never use solvents, thinner or harsh chemicals for cleaning the fan.
- Do not allow water to enter the motor.
- Do not immerse metal parts in water.

■ Full Speed and Sensor mode

Mode	Function	Description	Indicator
Full Speed	110CFM or 160CFM	Long press fan botton for 5 seconds to select required airflow (110, or 160 CFM) in remote control or App.	Red
Sensor Mode	Humidity Sensor	• When the environment humidity RH60%, the bath fan will work at preset CFM level (110 or 160). • When the environment humidity RH<60%, the bath fan still works for 20 minutes and then stops working.	Green

Red
Green
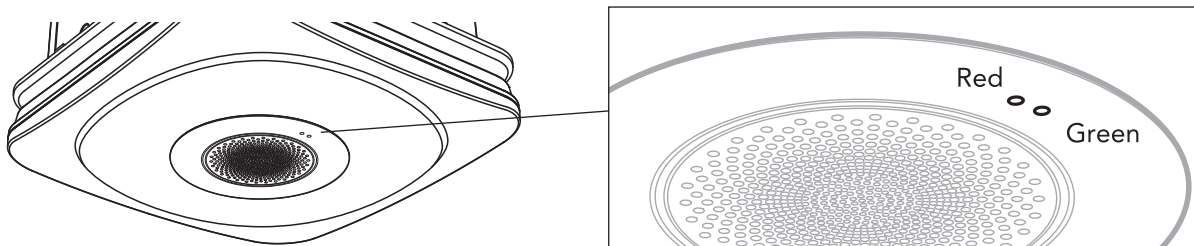
> 📝 **NOTE:** Full speed mode is the default mode when starting the fan operation.

> 📝 **NOTE:** The humidity detected by the sensor may differ from the value on other humidity equipment.

11

■ Remote Operation

| Icon	Button Name	Action	Notes
⏻	All ON/OFF	Short press to turn the Fan and light on/off	Within 20 seconds of turning on the power, long press for 5 seconds to reset fan default setting
(fan icon)	Fan ON/OFF	Short press to turn the fan on/off	Long press for 5 seconds to select required airflow ((110, or 160 CFM)
(brightness icon)	Brightness Change	Short press cycle to adjust Brightness	30%-70%-100%
(light icon)	Light ON/OFF	Short press to turn light on/off	
CCT	Color Temperature(CCT) Change	Short press cycle to adjust color temperature	2700K-3000K-4000K-5000K-6500K
(bulb icon)	Night light	Short press to turn the night light on/off	
V+	Volume Up	Short press to volume up	
V−	Volume Down	Short press to volume down	
(previous icon)	Previous track	Short press to go to the previous track	
(next icon)	Next track	Short press to go to the next track	
(play icon)	Play/Pause	Short press to play or pause	Long press 5 seconds for Bluetooth pairing /turning off the speaker
(humidity icon)	Humidity	Humidity turn on /turn off	
RGB	Select LED color	Short press to select RGB colors	There are 7 color to choose from: Red, Orange, Yellow, Green, Cyan, Blue, Purple
♪	Music Sync	Short press to open the music sync mode	

NOTE: Please make sure the time exceed 1s when switching between different keys of the remote control. If the time is less than 0.5s, the receiver of the remote control may not be able to obtain a signal to respond because the receiving time is too short.

Bluetooth name：OREiN Bath Fan

OREiN
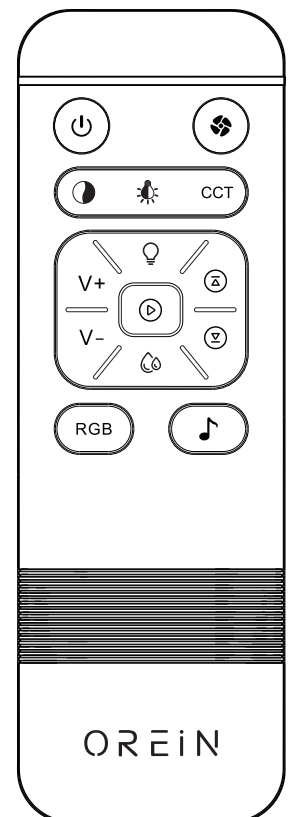
NOTE: Press and hold the RGB and Music buttons at the same time to pair the remote control and fan, to cancel the pairing, you need to power off and power on again and then press and hold the RGB and Music buttons at the same time.

NOTE: Within 20 seconds of turning on the power,press and hold the fan power button above 5 seconds to reset factory default setting, Factory default setting: 2700K, 100% brightness.

NOTE: Make sure the smart phone, tablet or computer you're using with the speaker has Bluetooth. The device and Bluetooth will match each other, as long as the speaker is set to Bluetooth mode and your device's Bluetooth is on.

NOTE: Press and hold the RGB and Fan buttons at the same time for more than 5 seconds to pair the AiDot ecosystem as well as your choice of Matter ecosystems.

NOTE: When connecting the bath fan Bluetooth speaker, only one mobile phone can be connected. If you need to connect another mobile phone, please turn off the Bluetooth or choose to ignore this bath fan Bluetooth speaker on the old device.

◼ Connecting with Aidot

1. Get the AiDot app by searching "AiDot" on the App Store, Google Play, or simply scan the QR code below.

Google, Google Home and Google Play are trademarks of Google LLC.

2. Sign in or create a new account.
3. Ensure Bluetooth and location services are enabled on your mobile device.
Must press and hold the RGB and Fan buttons at the same time for the remote control more than 5 seconds to pair the AiDot ecosystem, breathing light effect for the main light when pair the AiDot. The bathroom fan will flash once with 2700K light when it is successfully paired with the AiDot.
4. Tap'+' within the AiDot app and then select your bath fan from the list of devices shown.

My Home▾
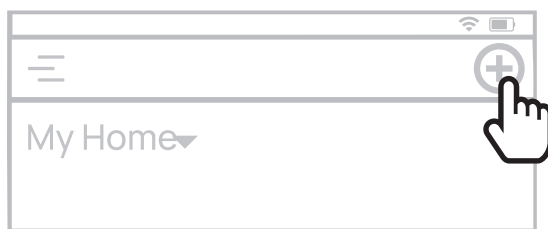
5. Follow the remaining instructions in the AiDot app.

■ Connecting with Matter

To connect your bath fan to a Matter smart home ecosystem, a Matter Controller (hub) and the corresponding app are required. For example, to connect to Apple Home, a device such as a HomePod and the Home app are both necessary. Before you start ensure your Wi-Fi network is 2.4 GHz, and that your mobile device and Matter Controller are connected to the Wi-Fi network you will connect your bath fan to.

1.Ensure your Wi-Fi network is 2.4 GHz.

2.Ensure your mobile device and Matter Controller are connected to the Wi-Fi network you will connect your bath fan to.

3.Ensure Bluetooth is enabled on your mobile device.

4.Open the smart home app you want to connect your bath fan to.

5. Within that smart home app, locate and select the option to add a device.

6.Enter your bath fan's Matter pairing code manually or by scanning its QR code, both located on your bath fan and in the next section of this instruction manual.

Matter Pairing Codes

1234-567-8901

Matching Codes
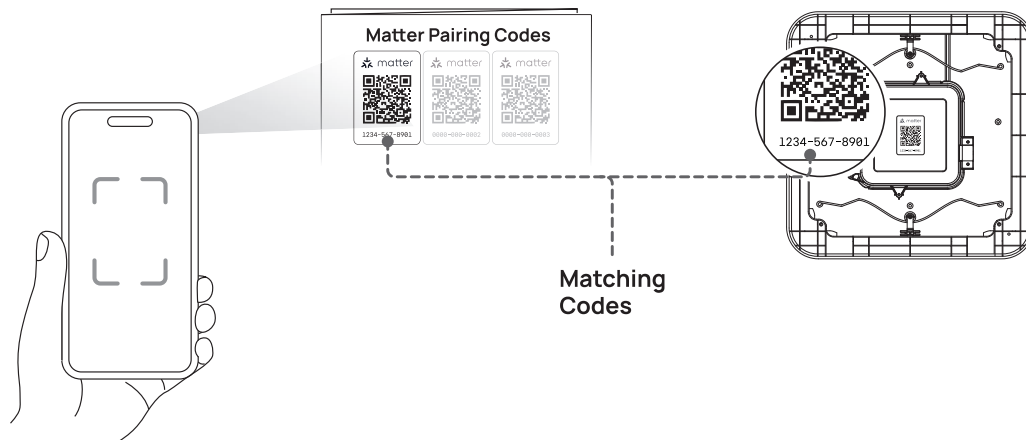
One code will appear for each bath fan in the pack. Take care to scan the correct code when adding each bath fan. You can match the code on your bath fan to the one in this instruction manual as shown in the diagram.

7. Follow any remaining instructions in the smart home app.

◼ Matter Pairing Codes

Location：	Location：	Location：
Location：	Location：	Location：

Space has been provided to document the installed location of each bath fan.

◼ Connecting with Alexa

1. Please press and hold the "RGB" and "Fan" buttons at the same time of the remote control for more than 5 seconds to prepare for network pairing.

2. Open the Alexa app.

3. Click + to add a device.

4. Scroll down to find the other options and choose the "matter" logo.

5. Follow the prompts to confirm that the device has a matter logo and is powered on.

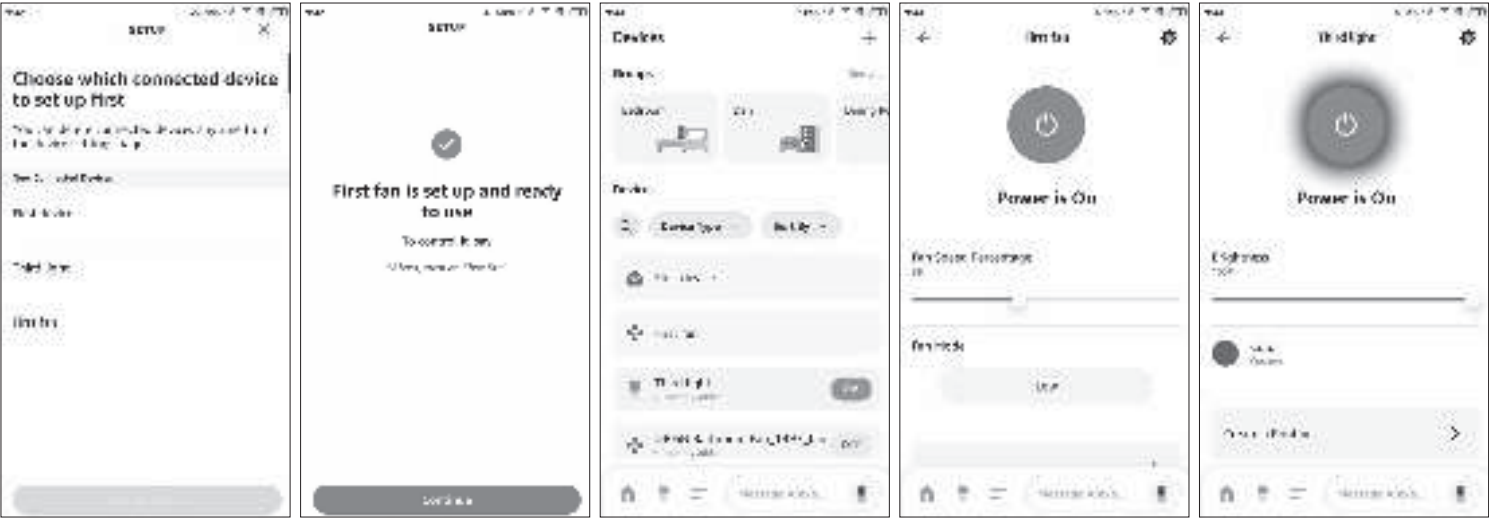6. Scanning the Matter QR code to pair.

7. Waiting for the pairing.

8. The bathroom fan will flash once with 2700K light when it is successfully paired.

9. Add the bath fan to room, then control it with voice or app as needed.

■ Troubleshooting

Problem	Possible Cause	Solution
The 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 fan is not clearing 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.	Be sure the CFM rating on the fan matches the requirements for your room size.
		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.

■ WARNING

Ring indicator light around the speaker

Ring Indicator Light
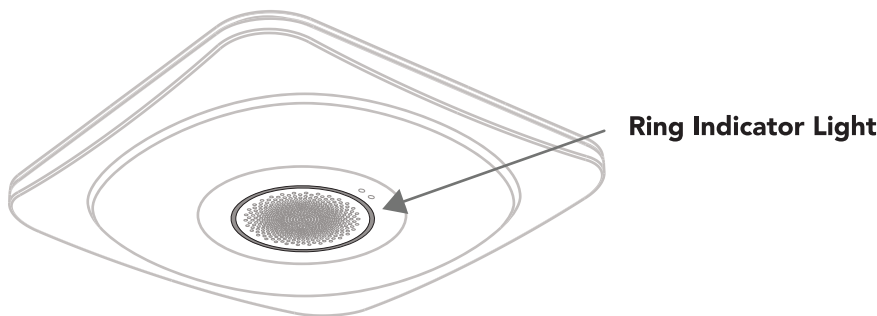
Status	Ring Indicator Light
Ready to connect to Bluetooth (Long press 5 seconds for Bluetooth pairing)	The blue light will flash(Find the OREiN Bath Fan speaker in Bluetooth list of your device, then select it.)
Bluetooth connection successful	blue light stops flashing

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.
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.

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

This equipment must be installed and operated in accordance with provided instructions an d the antenna(s) used for this transmitter must be installed to provide a separation distance of a least 20 cm from all persons and must not be co -located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.

Made in China

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