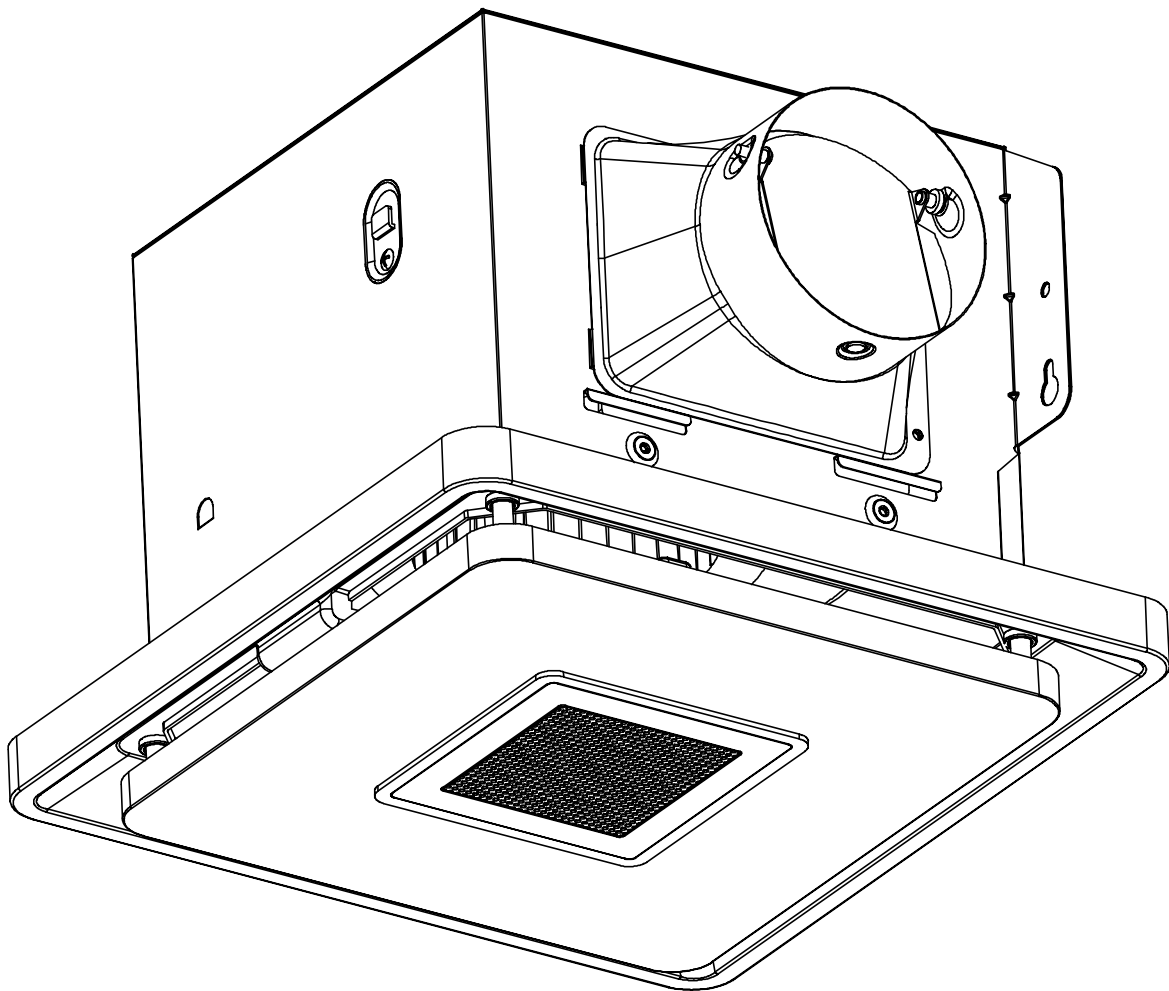




BLUETOOTH® VENTILATION FAN WITH LED LIGHT, NIGHT LIGHT AND WIRELESS REMOTE

MODEL 7130-13-BT-G2

Español p. 12



Questions, problems, missing parts? Before returning to the store, call our customer service department at 1-877-319-3757, 7:30 a.m. - 4:30 p.m., CST, Monday - Friday.

READ AND SAVE THESE INSTRUCTIONS

U.S. Pat. No. 9,398,357

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Homewerks.com

09-2026

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PRODUCT SPECIFICATIONS

Airflow: 110 CFM	LED light power consumption: 15W
120V, 60Hz	LED light brightness: 800 lumens
Duct diameter: 4 in.	LED light color (CCT): 4000K Cool White
Sound output: 1.5 sones	Night light color: Blue and 2200K Warm White
Motor power consumption: 30W	Weight: 9.5 lbs.
Exhaust fan speed: 1050 RPM	

UL COMPLIANCE

Ventilation Fan Motor Wheel Assembly OD is combined into Ventilation Fan Motor Housing D which is mounted into the ceiling opening.

These components comply with UL File 507: section 10.6, section 62.2.3, section 62.4.1, and section 64A.9.

FCC COMPLIANCE

NOTICE: 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.

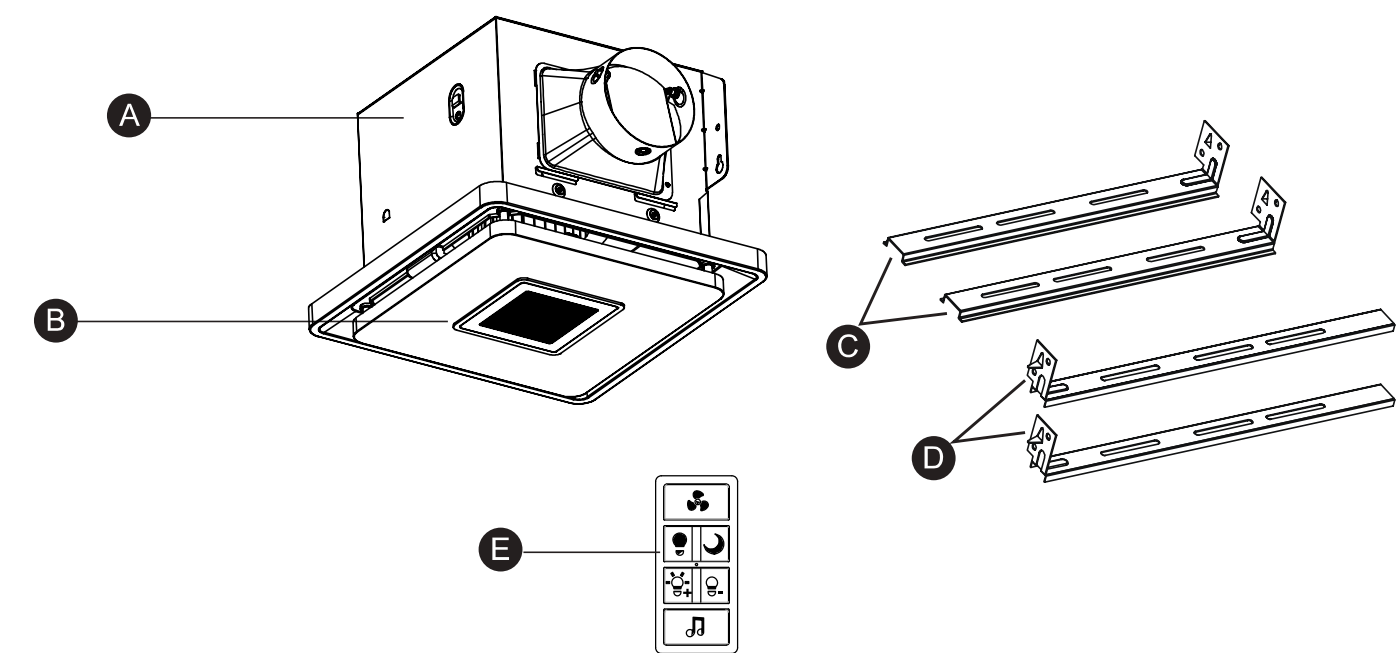
If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more

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

PACKAGE CONTENTS



PART	DESCRIPTION	QTY
A	Fan Housing	1
B	Grille with BLUETOOTH® Speaker and LED Light	1
C	Suspension Bracket	2

PART	DESCRIPTION	QTY
D	Suspension Bracket	2
E	Wireless Remote	1

HARDWARE INCLUDED (not shown actual size)

AA



Wood Screw
M4 x 30
Qty. 8

BB



Machine Screw
M4 x 12
Qty. 4

SAFETY INFORMATION

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

- Always disconnect the power supply prior to servicing the fan, motor or junction box.
- Follow all local building, safety and electrical codes as well as NEC (National Electrical Code) and OSHA (Occupational Safety and Health Act).
- Electric Service supply must be 120 volts, 60 hertz.
- This product must properly connect to the grounding conductor of the supply circuit.
- Do not bend or kink the power wires.
- Do not use this fan with any solid state control device, such as a remote control, dimmer switch, or certain timers. Mechanical timers are not solid state devices.
- Do not install in a ceiling with insulation greater than R40.
- Duct work should be installed in a straight line with minimal bends.
- Duct work size must be the same size as the discharge and should not be reduced. Reducing the duct size may increase fan noise.
- This product is not intended for connection to rigid metal conduit. For use with flexible conduit only.



CAUTION

- **For general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.**
- **Not for use in kitchens.**
- **To reduce the risk of injury to persons, install the fan at least 7 feet (2.1m) above the floor.**
- **To reduce risk of fire and to properly exhaust air, be sure to vent air to the outdoors. Do not vent exhaust air into spaces within walls or ceilings, or into attics, crawl spaces, or garages.**



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 wiring must be done by a qualified person(s) in accordance with all applicable 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. To reduce risk of fire and to properly exhaust air, be sure to vent air to the outdoors. Do not vent exhaust air into spaces within walls or ceilings, or into attics, crawl spaces, or garages.
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. This ventilation fan is intended to be installed at least 3.28 ft. (1 m) from the showerhead when installing over a bathtub or shower. Installation within a shower stall is not recommended for this unit, unless the 3.28 ft. (1 m) distance can be met.

CAUTION: Installation of this unit requires the power to be OFF until installation is complete. If you encounter issues with the unit not powering up, please review the troubleshooting section of the instruction manual.

If you require additional assistance, please call 1-877-319-3757, 7:30 a.m. - 4:30 p.m., CST, Monday - Friday. **DO NOT RETURN TO STORE.**

PREPARATION

Before beginning assembly of product, make sure all parts are present. Compare parts with package contents list and hardware contents. If any part is missing or damaged, do not attempt to assemble, install or operate the product. Contact customer service for replacement parts at 1-877-319-3757, 7:30 a.m. - 4:30 p.m., CST, Monday - Friday.

Tools Required for Assembly (not included): Hammer, Flathead Screwdriver, Wire Connectors, Nails, Duct Tape, Phillips Head Screwdriver, and Utility Knife or Drywall Saw.

Helpful Tools (not included): Electric Drill, Drill Bits

PREPARATION (continued)

WARNING: RISK OF ELECTRIC SHOCK. Ensure the electricity to the wires you are working on is shut off. Either remove the fuse or turn off the circuit breaker before removing the existing bath fan or installing the new one.

Before removing your current ventilation fan, verify the wall switch box has the required wires necessary for this installation. These supply wires are power (black) and neutral (white), as shown in the wiring diagram below. If you do not see both of these wires, consult a licensed electrician.

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.

You may need the help of a second person to install this fan; one person on the attic side and one on the room side.

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.

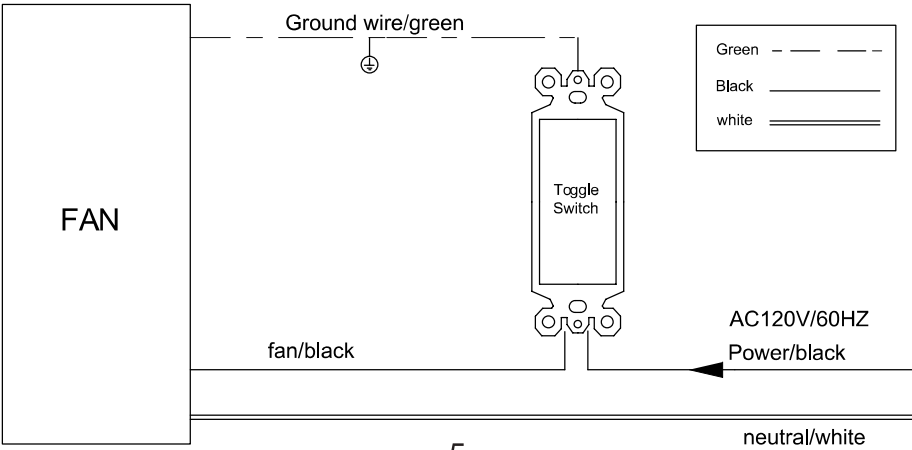
DIMENSIONS

Ceiling Opening (L)	Ceiling Opening (W)	Ceiling Opening (H)
9-1/4 in.	9-1/4 in.	8-1/4 in.

Housing Dimension (L)	Housing Dimension (W)	Housing Dimension (H)
9 in.	9 in.	7-11/16 in.

WIRING

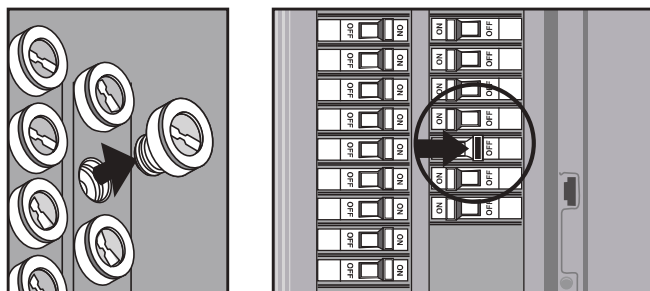
All wiring must be connected for full functionality. The grille must be connected to the fan housing before supplying power to the fan in order for the wireless remote to pair with the fan properly. Turning on the power supply before connecting the grille to the fan housing will interfere with the pairing process. Do not use metal wall plate with wireless remote. The toggle switch must be installed. The toggle switch is to be provided/purchased by the user.



INSTALLATION INSTRUCTIONS

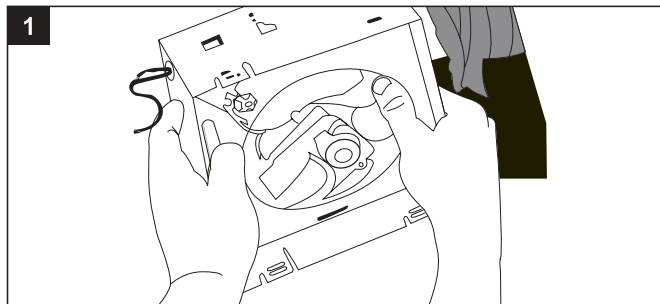
BEFORE INSTALLATION

WARNING: RISK OF ELECTRIC SHOCK! Ensure the electricity to the wires you are working on is shut off. Either remove the fuse or turn off the circuit breaker before removing the existing bath fan or installing the new one.



1. Remove existing fan.

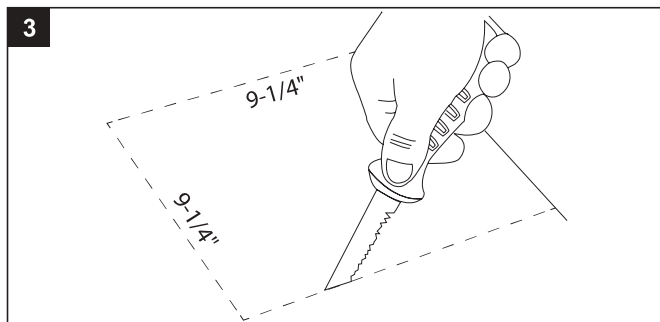
If you are not replacing an existing fan, skip to step 4 or 7.



2. Measure the opening to ensure it is large enough to accommodate the 9 in. x 9 in. dimensions of the new fan housing (A).



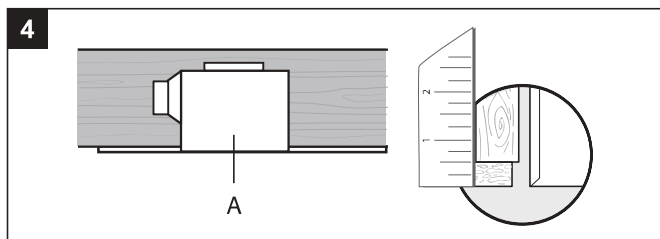
3. If this fan is not replacing an old fan, be sure to cut a 9-1/4 in. x 9-1/4 in. opening for the fan housing (A).



For spacing of less than 21-1/4 inches between ceiling joists:

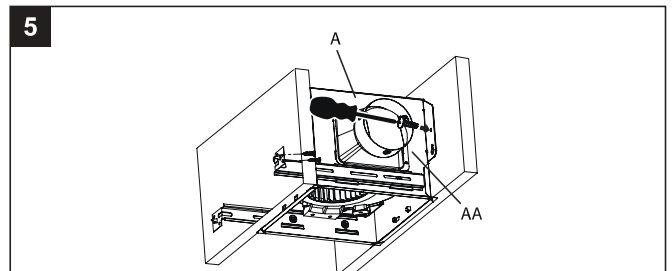
4. Place the fan housing (A) next to a ceiling joist. The fan housing (A) should be level and perpendicular to the joist. Allow for thickness of ceiling board used in your application.

Position the fan housing (A) so the bottom edge of the fan housing (A) is flush with the ceiling board. Do not flush mount the fan housing (A) to the bottom of the joist.

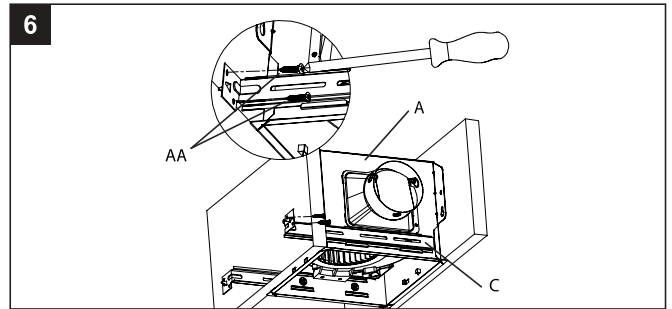


INSTALLATION INSTRUCTIONS (continued)

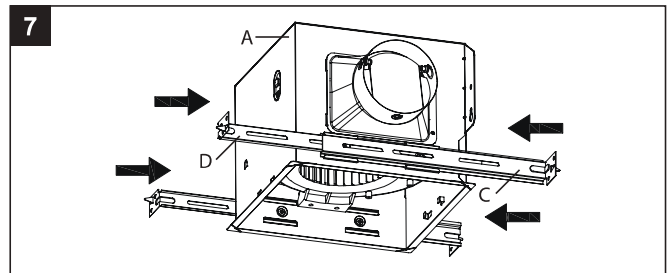
5. Insert suspension bracket (C) into the tabs on each side of the fan housing (A) and then mount the fan housing (A) to the joist by inserting the wood screws (AA) into the holes indicated on the metal tabs of the fan housing (A). Tighten the wood screws (AA) until the fan housing (A) is firmly secured to the joist.



6. Attach the end of each of the suspension brackets (C) to the ceiling joist using wood screws (AA). Skip to step 10.

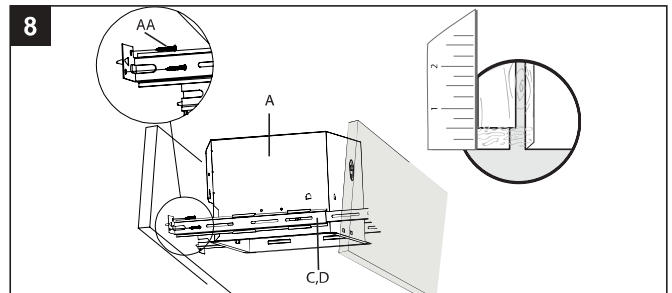


7. **For spacing of 21-1/4 in. to 23-1/2 in. between ceiling joists:**
Insert suspension brackets (C) into the tabs on the fan housing (A) and then slide suspension brackets (D) into suspension brackets (C). Repeat on the opposite side of the fan housing (A).

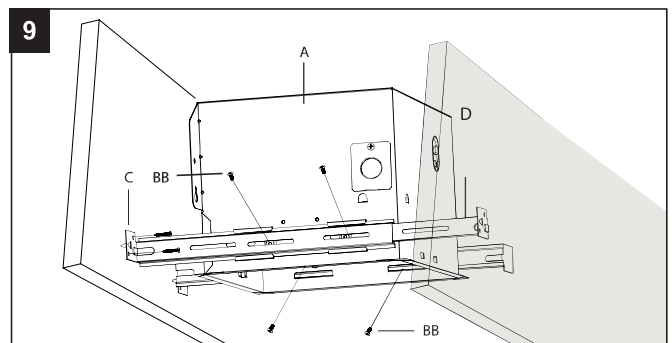


8. Position the fan housing (A) so the bottom edge of the fan housing (A) is flush with the ceiling board. Do not flush mount the fan housing (A) to the joist.

Attach the end of each of the suspension brackets (C, D) to the ceiling joists using wood screws (AA).



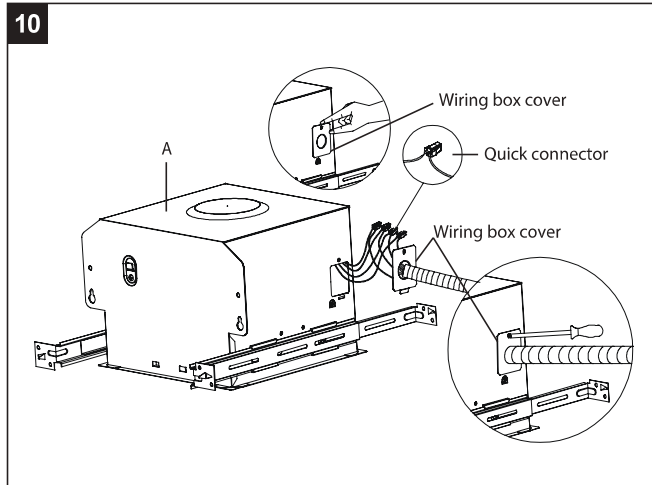
9. Secure the suspension brackets (C, D) to the fan housing (A) using machine screws (BB).



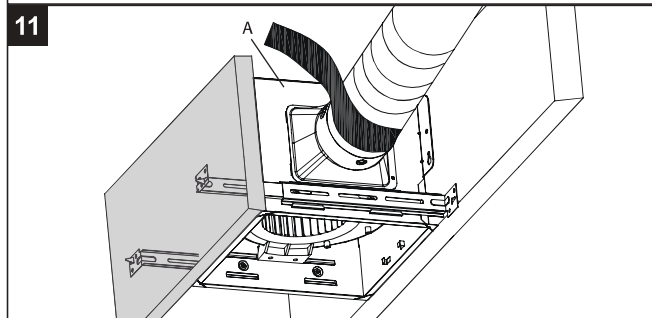
INSTALLATION INSTRUCTIONS (continued)

10. Remove the wiring box cover from the fan housing (A). Pull the house wires through the hole in the wiring box cover. Using the quick connectors, connect the house wiring to the fan housing (A). 14 AWG is the smallest conductor that should be used for branch circuit wiring. Please refer to the wiring diagram on page 5 to ensure proper wire connections are made. Carefully push the wire connections into the wiring box and reattach the wiring box cover.

IMPORTANT: Do not turn on the power supply to the fan until Step 13.

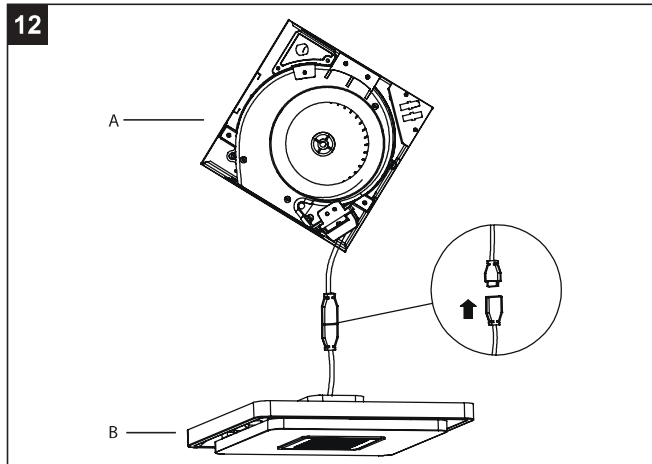


11. Connect a 4 in. circular duct to the fan housing (A), securing it with duct tape or a clamp. Vent the duct to the outside.



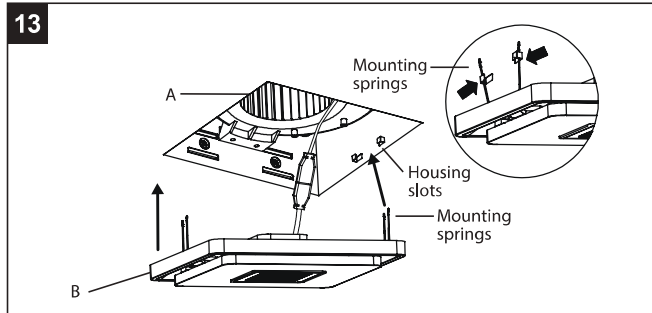
12. Join the connectors for the BLUETOOTH® speaker from the fan housing (A) to the grille (B).

IMPORTANT: The grille (B) must be connected BEFORE turning on power to the fan.



13. Attach grille (B) by pinching the mounting springs and inserting them into the narrow rectangular slots in the fan housing (A).

Restore the power supply to the wireless remote and fan by turning on the circuit breaker or re-inserting the fuse. Turn on the fan. Test the unit. The light turns on when power is turned on.



WIRELESS REMOTE OPERATION

1. FAN: Press once for ON/OFF.
2. WHITE LIGHT: Press once for ON/OFF.
3. NIGHT LIGHT: Press once for ON/OFF.
4. WHITE LIGHT BRIGHTER: Press or hold to adjust brightness.
5. WHITE LIGHT DIMMER: Press or hold to adjust dimmer.
6. BLUETOOTH® SPEAKER: Press once for ON/OFF. (Adjust volume from your BLUETOOTH® device).

NOTE: The blue indicator light in the center of the remote will illuminate each time a button is pressed. Replace the battery when the blue indicator light becomes noticeably dim or the remote does not respond when a button is pressed.

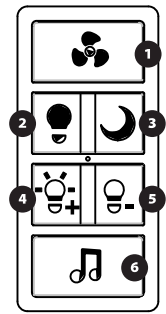
PAIRING THE REMOTE:

If the remote does not operate the grille/fan properly, or if the remote or grille is replaced, the remote must be paired with the grille.

To pair the remote:

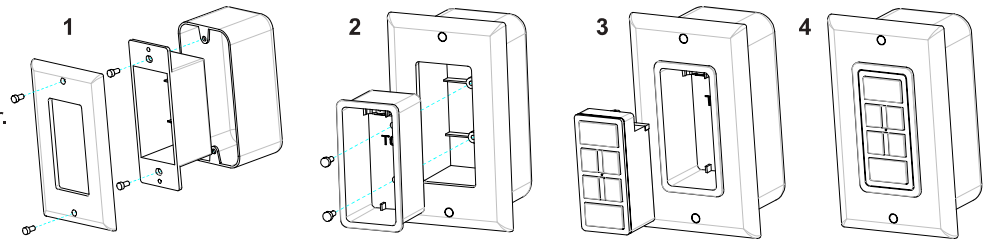
Turn the wall switch OFF, then back ON.

Within 4 seconds of turning the power ON, press and hold the Fan and Music buttons on the remote at the same time for 2 seconds. The white light on the grille will flash four times to indicate that pairing is successful. The remote is now ready for use.



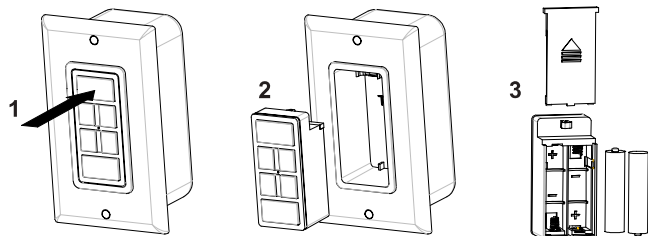
WIRELESS REMOTE WALL INSTALLATION

1. Install the electrical wall box and wall plate (customer supplied).
2. Install the remote holder (battery compartment bracket).
3. Insert the remote control into the holder.
4. Installation is complete.



WIRELESS REMOTE INSTALLING THE BATTERY

1. Press the top of the remote control.
2. The remote control will release.
3. Remove the remote control from the holder.
4. Slide open the battery cover and install 2 AAA batteries.
5. Slide the battery cover closed.



REPLACE THE BATTERY

1. Follow Steps 1 - 3
2. Slide open the battery cover and remove the old batteries
3. Replace with 2 new AAA batteries.
4. Slide the battery cover closed.

CONNECTING YOUR BLUETOOTH® DEVICE TO THE SPEAKER

1. To play your personal music files, you need a wireless BLUETOOTH® device.
2. Set your device to a midrange volume before connecting to the speaker.
3. Follow the instructions that came with your BLUETOOTH® device to make it discoverable or to set it to search for other BLUETOOTH® accessories. This may involve entering a passkey or PIN (Personal Identification Number).
4. From the Home screen, choose Settings > BLUETOOTH®, to search for the speaker.

Note: While your device can maintain multiple pairing records, it can only connect to one accessory at a time. This prevents your device from sending your data to the wrong BLUETOOTH® accessory.

5. Choose the Homewerks™ speaker, and then enter a passkey or PIN (0000) if prompted.
6. When pairing is complete, use the BLUETOOTH® speaker to play audio from your device.
7. Optimal volume setting for the BLUETOOTH® speaker is 70% or lower. Settings higher than 70% may cause sound distortion.

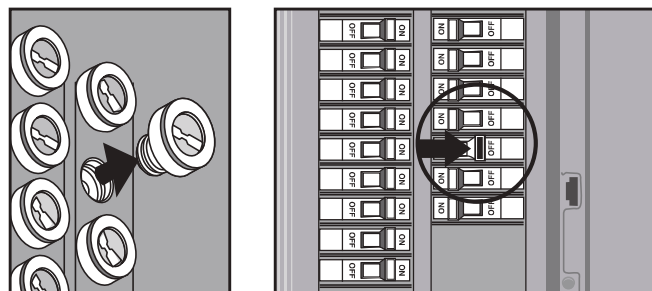
CARE AND CLEANING

CAUTION: Before attempting to clean the fixture, disconnect the power to the fixture by turning the breaker off or removing the fuse from the fuse box.

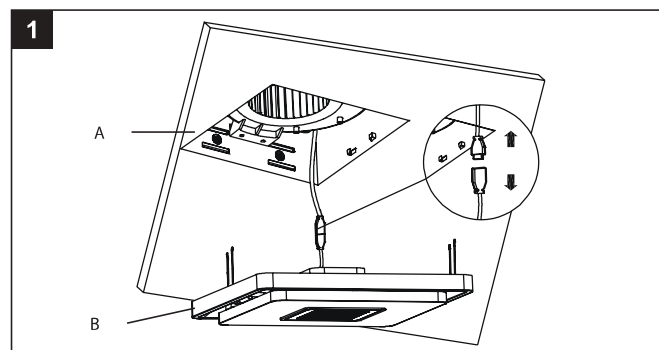
- See safety information before proceeding. Routine maintenance should be done at least once a year.
- Never use solvents, thinner or harsh chemicals for cleaning the fan.
- Do not allow water to enter the motor.
- Do not immerse metal parts in water.
- Do not immerse resin parts in water more than 140°F.
- Do not immerse BLUETOOTH® speaker in water.

CARE AND CLEANING (continued)

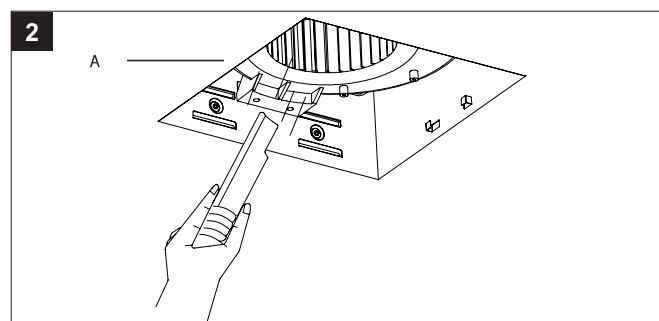
WARNING: RISK OF ELECTRIC SHOCK! Ensure the electricity is shut off. Either remove the fuse or turn off the circuit breaker before cleaning.



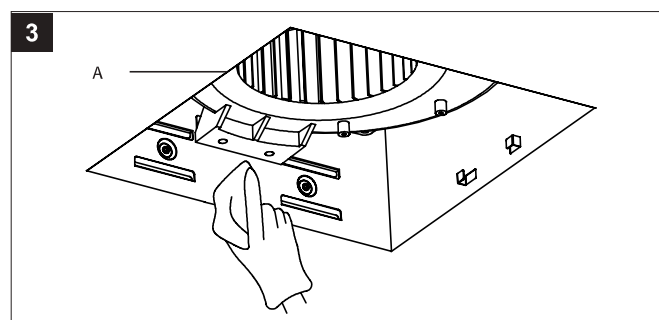
1. Remove the grille (B) by squeezing the mounting springs and pulling the grille (B) down from the fan housing (A). Disconnect the connectors to remove the grille (B) from the fan housing (A). Wipe grille (B) with a damp cloth.



2. Remove dust and dirt from the fan housing (A) with a vacuum cleaner.

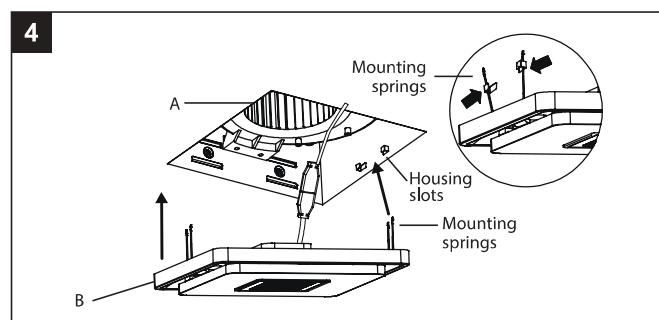


3. Wipe the fan housing (A) with a damp cloth and wipe dry.



4. Join the connectors for the BLUETOOTH® speaker and LED light from the fan housing (A) to the grille (B). Attach grille (B) by pinching the mounting springs and inserting them into the narrow rectangular slots in the fan housing (A).

Turn on power source. Test the unit.



TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	SOLUTION
The fan seems louder than it should.	The CFM is too great for the space.	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 call 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 within 18 in. of 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 humidity from the room.	There is insufficient airflow intake in the room.	Be sure a door or window is slightly ajar or open to allow airflow. The fan is not able to draw air out of the room without enough airflow.
	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.	Be sure the CFM rating of the fan matches the square footage of your room.
Bluetooth device will not pair with the fan.	Another device is already paired.	Make sure BLUETOOTH® signal is turned off on other devices.
Switch has power, but the fan does not.	The grille is not receiving a signal from the wireless remote.	Turn off power. Disconnect the grille for 5 seconds, then reconnect the grille and test. Repeat as necessary.
	The wireless remote battery needs to be replaced.	Check battery. Replace if needed.

FAN – LIMITED 3-YEAR WARRANTY

If the fan fails due to a defect in materials or workmanship at any time during the first three (3) 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 or worn. 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 warranties of merchantability 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.

Inquiries regarding warranty claims can be directed to 1-877-319-3757, 7:30 a.m. - 4:30 p.m., CST, Monday - Friday.

BLUETOOTH® SPEAKER – LIMITED 1-YEAR WARRANTY

If the BLUETOOTH® speaker fails due to a defect in materials or workmanship at any time during the first year 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 or worn. 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 warranties of merchantability 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.

Inquiries regarding warranty claims can be directed to 1-877-319-3757, 7:30 a.m. - 4:30 p.m., CST, Monday - Friday.