



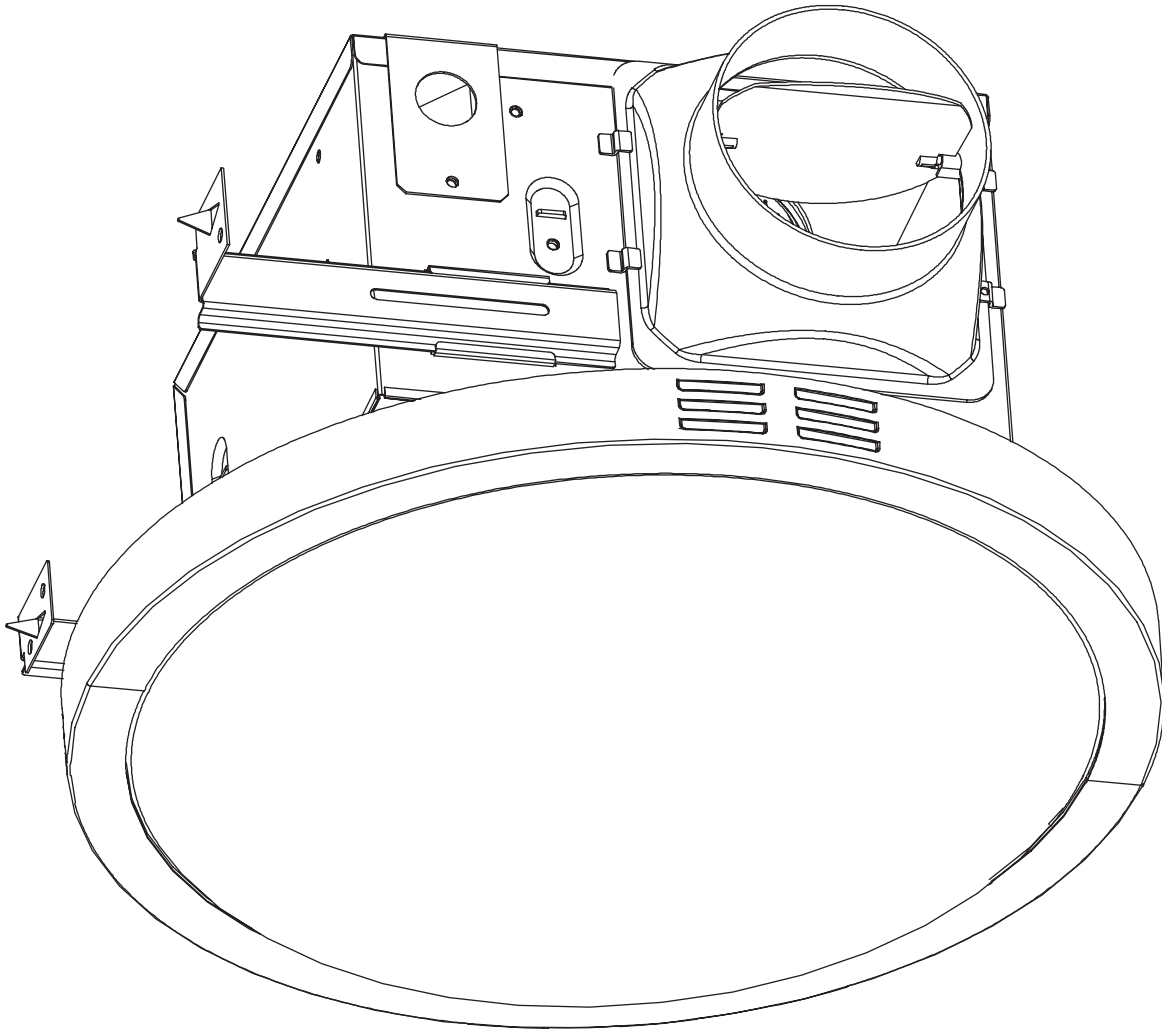
ITEM #0831385

DECORATIVE VENTILATION FAN WITH LED LIGHT

MODEL #7105-05

Français p. 13

Español p. 25



ATTACH YOUR RECEIPT HERE

Serial Number _____ **Purchase Date** _____



Questions, problems, missing parts? Before returning to your retailer, call our customer service department at 1-866-994-4148, 8 a.m. - 6 p.m., EST, Monday - Thursday, 8 a.m. - 5 p.m., EST, Friday.

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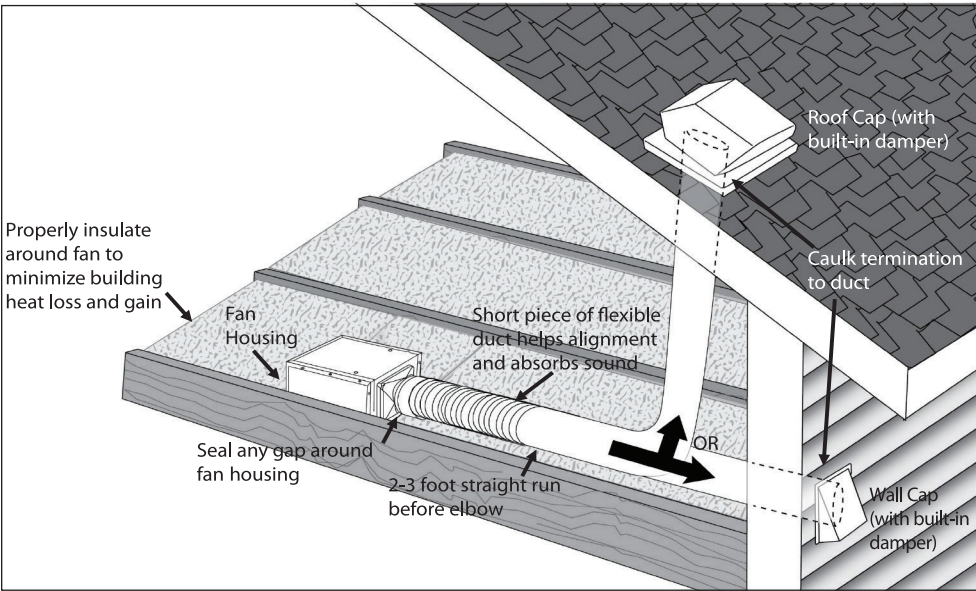
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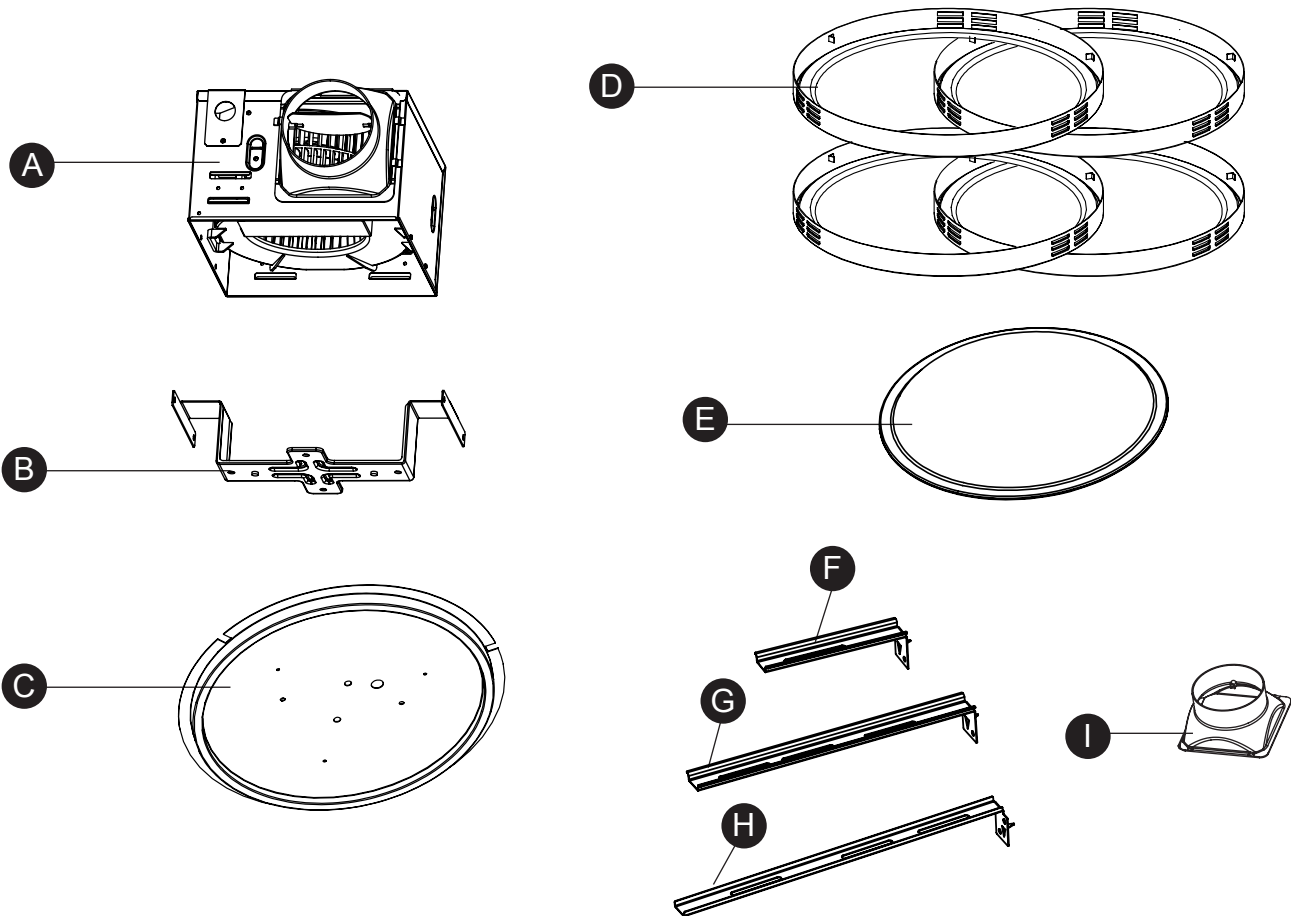
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PRODUCT SPECIFICATIONS

SPECIFICATIONS	SPECIFICATIONS
Airflow: 100 CFM	Sound output: 2.0 Sones
120 V, 60 Hz	Motor power consumption: 31 W
Duct diameter: 4 in.	Weight: 12.65 lbs.



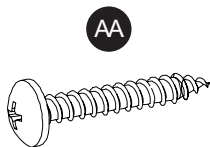
PACKAGE CONTENTS



PART	DESCRIPTION	QTY
A	Fan Housing	1
B	LED Panel Mounting Bar	1
C	LED Panel	1
D	Rim	4
E	Glass Globe	1

PART	DESCRIPTION	QTY
F	Suspension Bracket I	1
G	Suspension Bracket II	1
H	Suspension Bracket III	1
I	Duct Connector	1

HARDWARE CONTENTS (not shown actual size)



Long Wood
Screw
Qty. 9



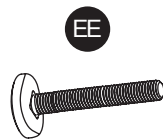
Short Machine
Screw
Qty. 5



Small Machine
Screw
Qty. 4



Metal
Washer
Qty. 5



Long Machine
Screw
Qty. 5



SAFETY INFORMATION

READ AND SAVE THESE INSTRUCTIONS

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. Installation work must be carried out by a qualified person(s) in accordance to all local and safety codes including the rules for fire-rated construction.
3. Follow all local building, safety and electrical codes, as well as NEC (National Electrical Code) and OSHA (Occupational Safety and Health Act).
4. Electric service supply must be 120 volts, 60 Hertz.
5. This unit must be properly grounded.
6. Do not bend or kink the power wires.
7. Exercise care to not damage existing wiring when cutting or drilling into walls or ceilings.
8. Sufficient air supply is required for proper combustion and the exhaustion of gases through the chimney (flue) of fuel burning equipment to prevent back-drafting. See the standards of NFPA (National Fire Protection Association) and ASHRAE (American Society for Heating Refrigeration and Air Conditioning Engineers) and the local building code authorities.
9. 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.
10. This ventilation fan is approved for use over a bathtub or shower when installed in a GFCI protected circuit. Do not use fans over a bathtub or shower that are not approved for that application and marked accordingly.
11. Do not install in a cooking area.
12. Do not use to exhaust hazardous or explosive vapors.
13. Fans should always be vented to the exterior and in compliance with local codes.
14. Do not install in a ceiling with insulation greater than R40.
15. Duct work should be installed in a straight line with minimal bends.
16. Duct work size must be the same size as the discharge and should not be reduced. Reducing the duct size may increase fan noise.
17. Prior to servicing or cleaning this unit, shut off power supply at the panel and lock to prevent the power from being turned on. If the panel cannot be locked, clearly mark the panel with a warning tag to prevent the power from being turned on.
18. Use this unit in the manner intended by the manufacturer. If you have any questions, please call customer service.

PREPARATION

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

PREPARATION

Estimated Assembly Time: 60 minutes

Tools Required for Assembly (not included): Hammer, Flathead Screwdriver, Duct Tape, Phillips Screwdriver, Utility Knife

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

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

Carefully remove unit from 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.

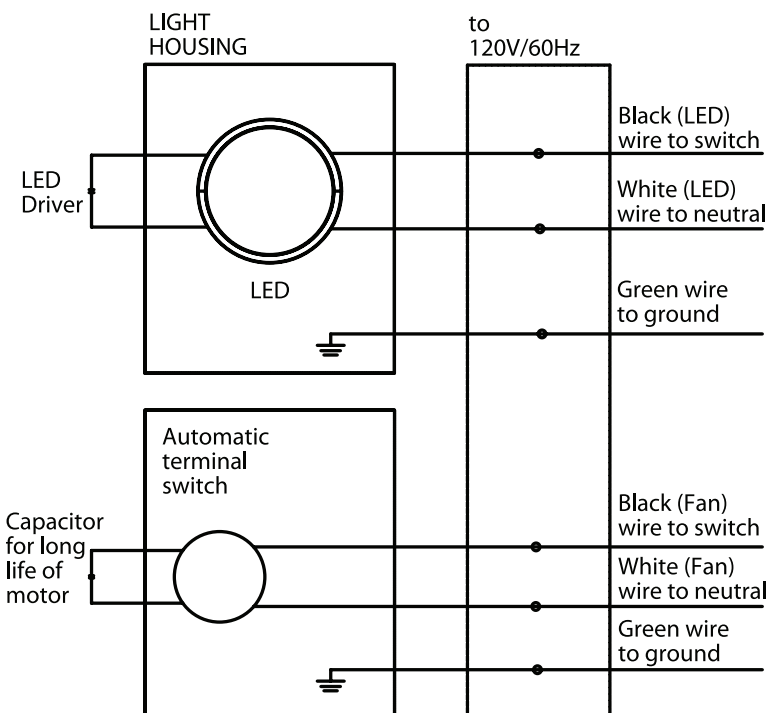
You may need the help of a second person to install this fan: one person on the attic side and one on the room side.

Note: Installations 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.

DIMENSION REQUIREMENTS

Ceiling Opening (L)	Ceiling Opening (W)	Ceiling Opening (H)
9 in.	9 in.	6 in.

WIRING DIAGRAM



QUICK CONNECTOR INSTRUCTIONS

To be sold only with installation instructions.

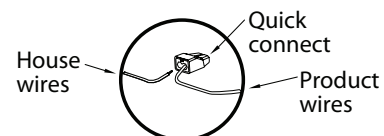
WARNING: Wiring must comply with all applicable electrical codes. Turn OFF power before removing or installing connectors.

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

CAUTION: Accessory part (quick connector) should meet installation instructions below.

NOTE: The connector is reusable on solid wires of the same wire gage or smaller. Do not reuse the connector on stranded wires.

- Strip wires 3/8 in. - 1/2 in.
- Grip the wire firmly and push the stripped end of the wire into the open port of the connector. Use only one conductor per port.
- Verify the stripped end of the wires is fully inserted to the back of the connector.



NOTE: Important wire information. Maximum temperature rating 221°F (105°C). 600 volts maximum for building wire and 1,000 volts maximum for building wire and 1,000 volts maximum in signs and lighting fixtures. The acceptable wire range includes: Solid: 12-18 AWG.

NEW CONSTRUCTION ASSEMBLY INSTRUCTIONS

BEFORE INSTALLATION: Turn off power source. Review all safety precautions.

1. Place LED panel mounting bar (B) on fan housing (A) and attach where indicated using long machine screws (EE).

Hardware Used

EE Long machine screw  x 4

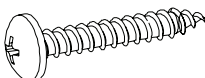
2. Attach the duct connector (I) to the fan housing (A).

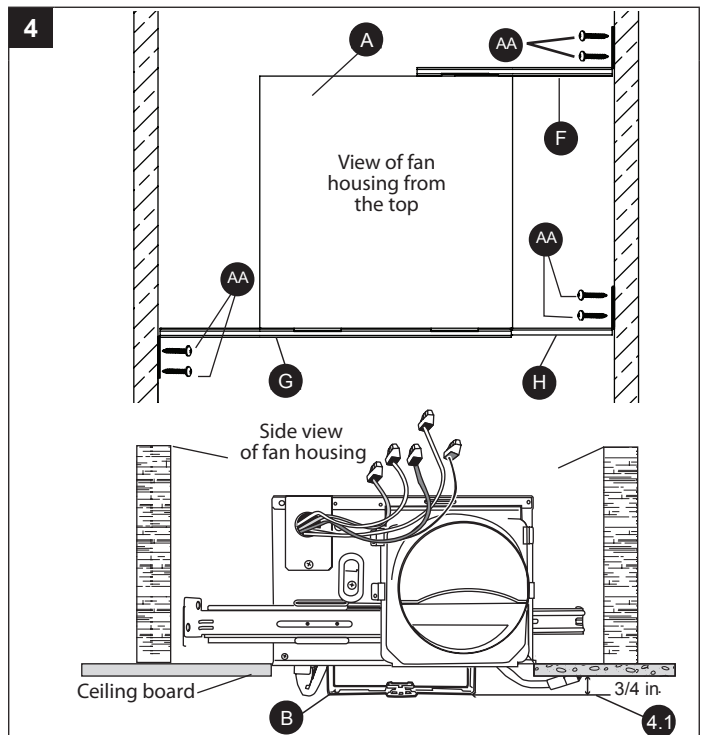
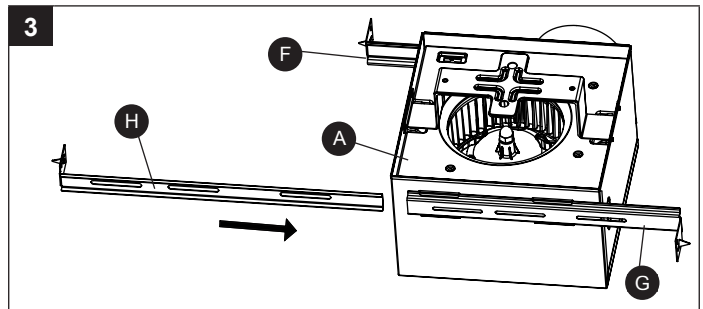
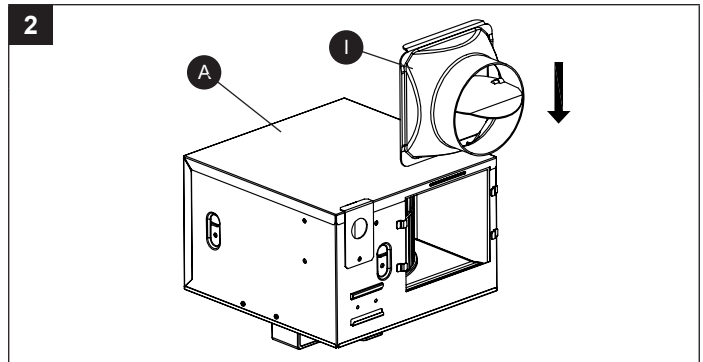
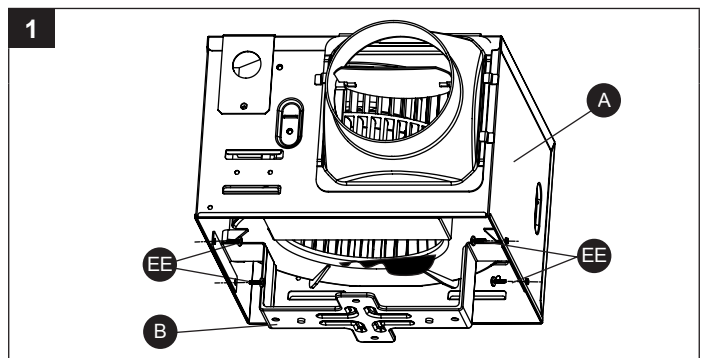
3. Insert suspension bracket I (F) into the bracket cover on the duct connector side. Then, attach suspension bracket II (G) and suspension bracket III (H) to the back of the fan housing (A).

4. Secure the fan housing (A) to joist with suspension brackets (F, G, H) using long wood screws (AA).

Note: Bottom of fan housing should be flush with the bottom of the joist. When mounted correctly, the LED panel mounting bar (B) will hang below the ceiling board. Optimum spacing from the bottom of the ceiling board to the bottom of the mounting bar is 3/4 in. (4.1).

Hardware Used

AA Long wood screw  x 6



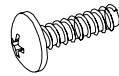
NEW CONSTRUCTION ASSEMBLY INSTRUCTIONS

5. Secure the suspension brackets (F, G) to fan housing (A) using small machine screw (CC).

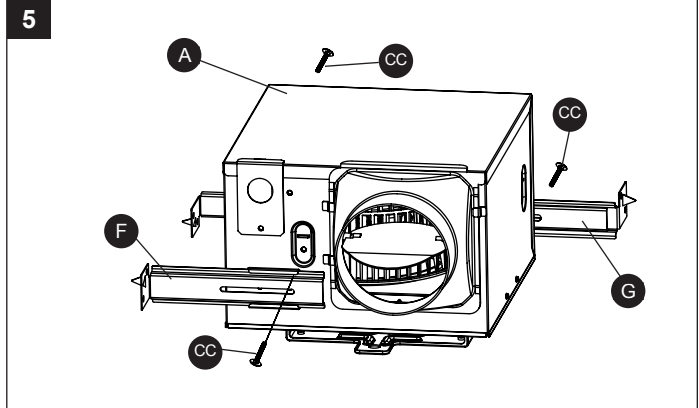
Hardware Used



Small machine screw



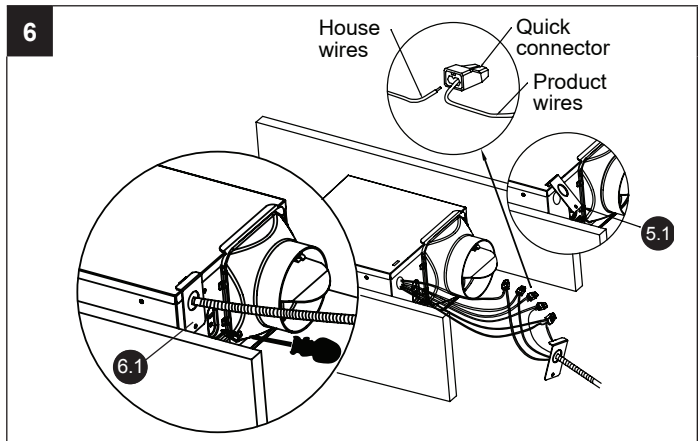
x 3



6. Remove wiring box cover (6.1). Pull the house wires through the wire box cover hole. Using a quick connector, secure 120 V AC house wiring from the wall switch to the fan as shown in the wiring diagram on page 5. 14 AWG is the smallest conductor that should be used for branch-circuit wiring.

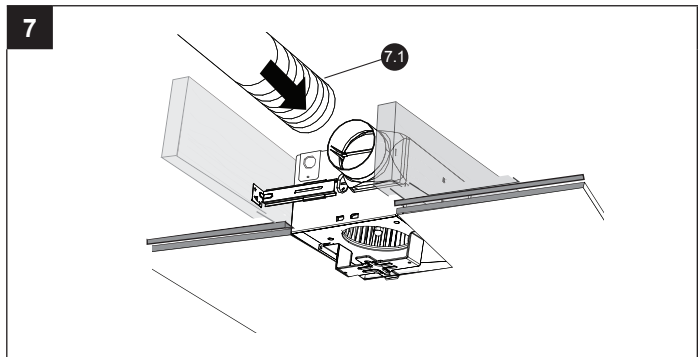
Carefully push the connected wires back into the wiring box housing. Reattach the wiring box cover (6.1).

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.

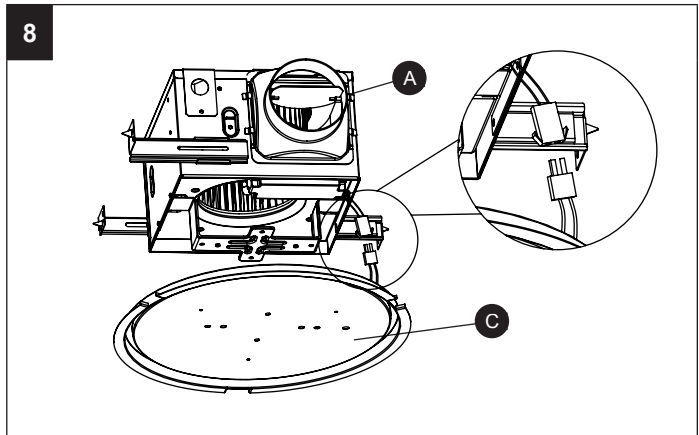


7. Connect a 4 in. circular duct (7.1) (not supplied) and vent to the outside. Secure it with duct tape (not supplied) or clamp (not supplied) to make connection secure and air tight.

Turn on power source. Check fan for any abnormal sound or vibration.



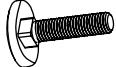

8. Plug in LED panel (C) into the fan housing (A).

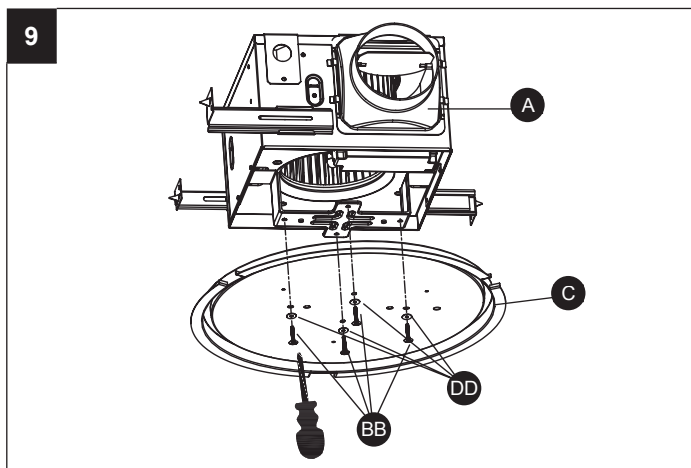


NEW CONSTRUCTION ASSEMBLY INSTRUCTIONS

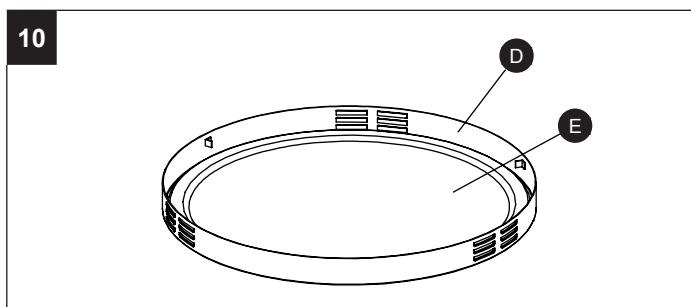
9. Secure the LED panel (C) to the fan housing (A) using 4 short machine screws (BB) and metal washers (DD).

Hardware Used

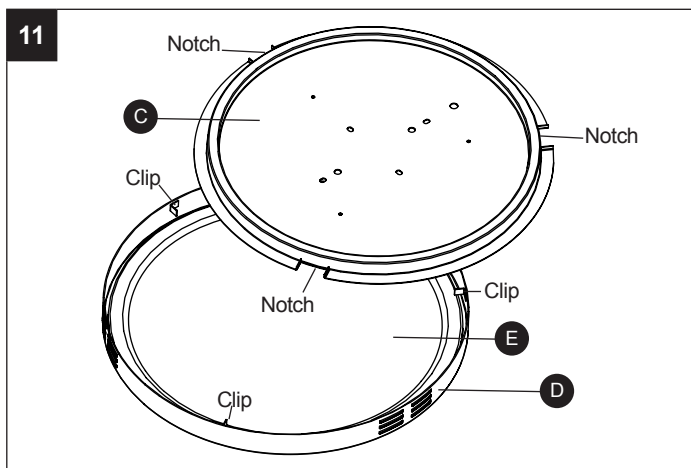
BB	Short machine screw		x 4
DD	Metal washer		x 4



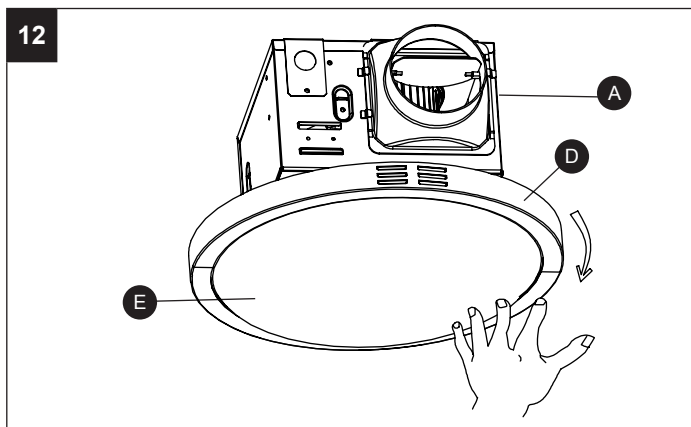
10. Choose which rim (D) finish suits your room. Lay glass globe (E) into chosen rim (D).



11. Line up the three notches around the outside of the LED panel (C) with the three clips on the rim (D). Gently push up the rim (D) and glass globe (E) as far as possible until it stops.



12. Rotate the rim (D) until it hits the stop and cannot be rotated any further. Slowly pull hands away and glass globe (E) and rim (D) will be attached to the fan housing (A).



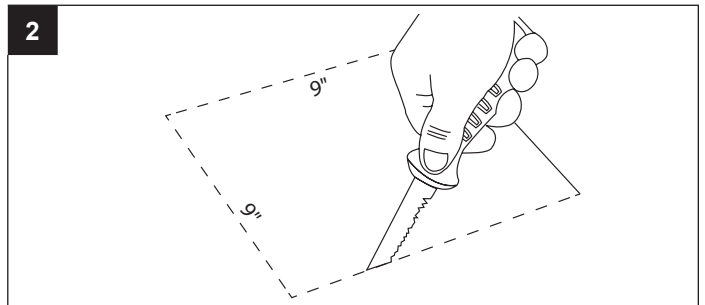
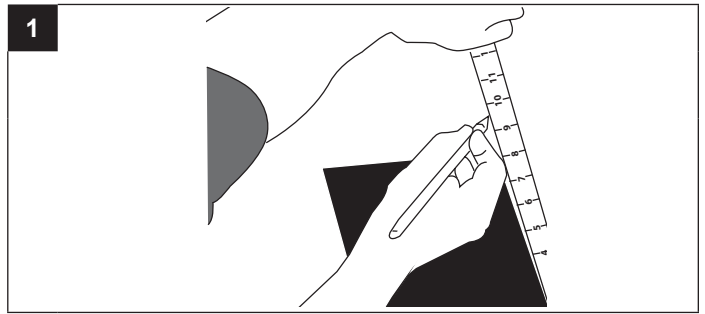
EXISTING CONSTRUCTION ASSEMBLY INSTRUCTIONS

MUST HAVE ACCESS TO THE ATTIC

BEFORE INSTALLATION: Turn off power source. Review all safety precautions. Remove existing fan.

1. Measure the opening to ensure it is large enough to accommodate the new fan housing (A) (9 in. x 9 in.).
2. If this fan is not replacing an old fan, be sure to cut a 9 in. x 9 in. opening for the fan housing (A).

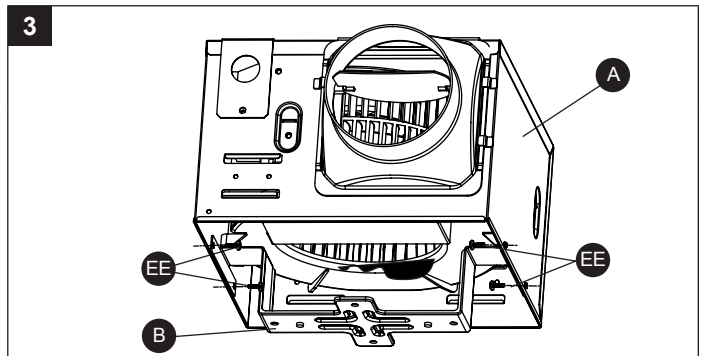
MAKE SURE ONE EDGE OF THE OPENING IS FLUSH WITH JOIST FOR INSTALLATION FROM BELOW.



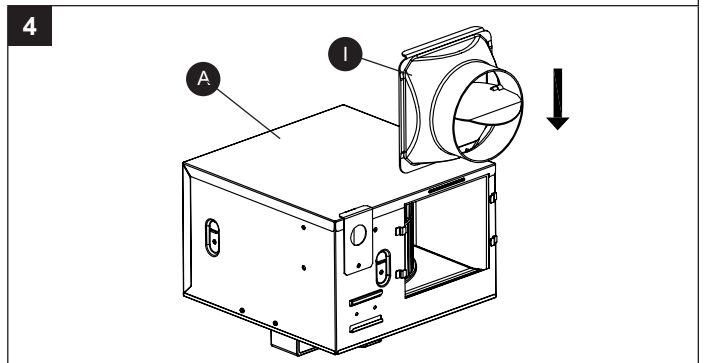
INSTALLATION FROM ABOVE WITH SUSPENSION BRACKETS (ATTIC ACCESSIBLE) ONLY IF UNABLE TO ATTACH DIRECTLY TO THE JOIST(S)

3. Place LED panel mounting bar (B) on fan housing (A) and attach where indicated using long machine screws (EE).

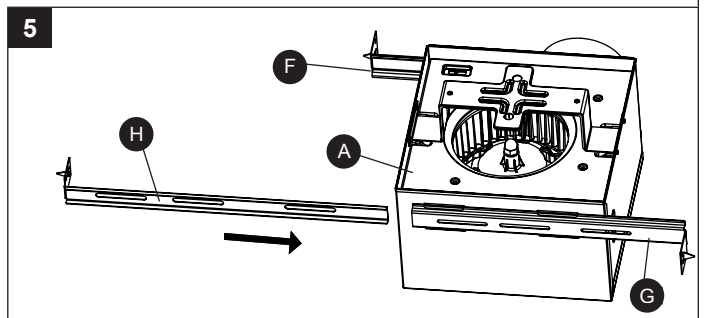
Hardware Used



4. Attach the duct connector (I) to the fan housing (A).



5. Insert suspension bracket I (F) into the bracket cover on the duct connector side. Then, attach suspension bracket II (G) and suspension bracket III (H) to the back of the fan housing (A).

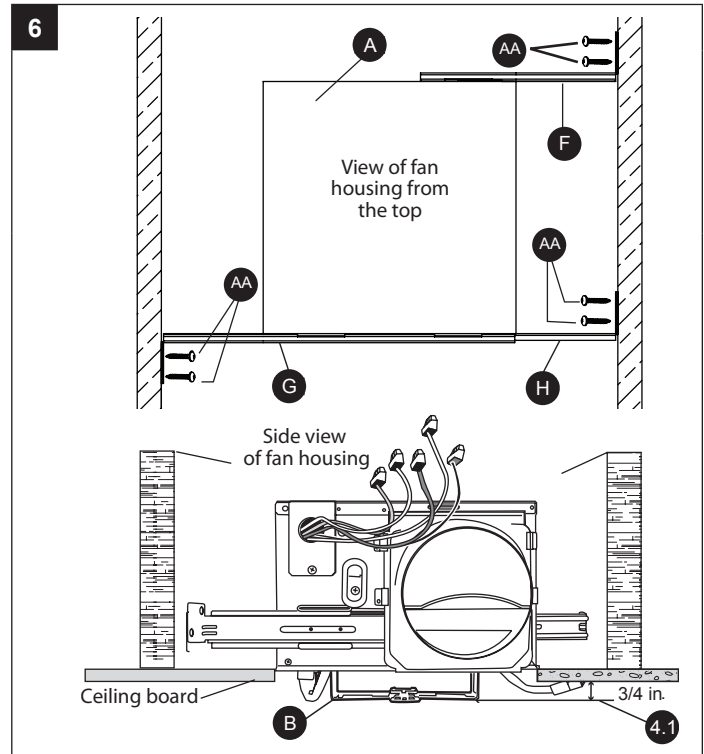


EXISTING CONSTRUCTION ASSEMBLY INSTRUCTIONS

6. Secure the fan housing (A) to joist with suspension brackets (F, G, H) using long wood screws (AA).

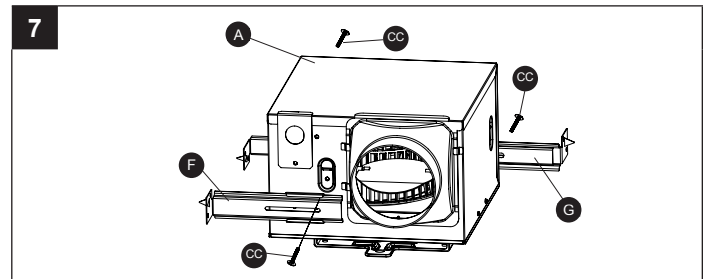
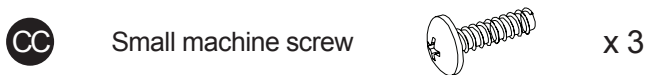
Note: Bottom of fan housing should be flush with the bottom of the joist. When mounted correctly, the LED panel mounting bar (B) will hang below the ceiling board. Optimum spacing from the bottom of the ceiling board to the bottom of the mounting bar is 3/4 in. (4.1).

Hardware Used



7. Secure the suspension brackets (F, G) to fan housing (A) using small machine screw (CC).

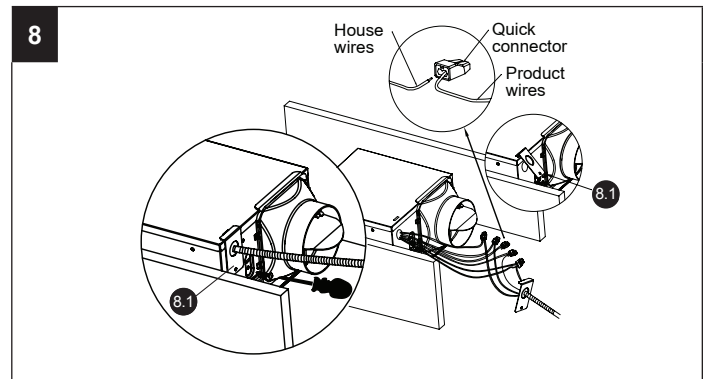
Hardware Used



8. Remove wiring box cover (8.1). Pull the house wires through the wire box cover hole. Using a quick connector, secure 120 V AC house wiring from the wall switch to the fan as shown in the wiring diagram on page 5. 14 AWG is the smallest conductor that should be used for branch-circuit wiring.

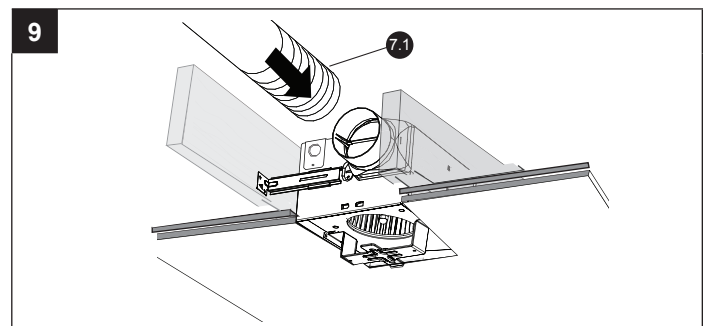
Carefully push the connected wires back into the wiring box housing. Reattach the wiring box cover (8.1).

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.



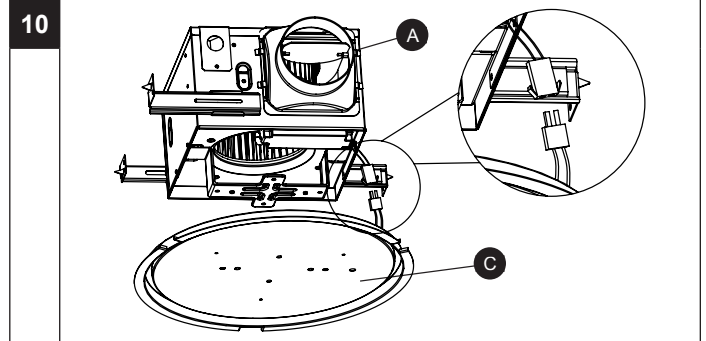
9. Connect a 4 in. circular duct (7.1) (not supplied) and vent to the outside. Secure it with duct tape (not supplied) or clamp (not supplied) to make connection secure and air tight.

Turn on power source. Check fan for any abnormal sound or vibration.



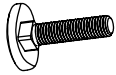

EXISTING CONSTRUCTION ASSEMBLY INSTRUCTIONS

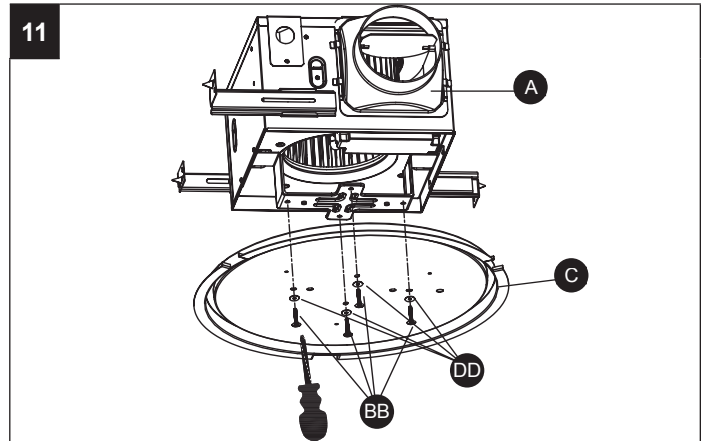
10. Plug in LED panel (C) into the fan housing (A).



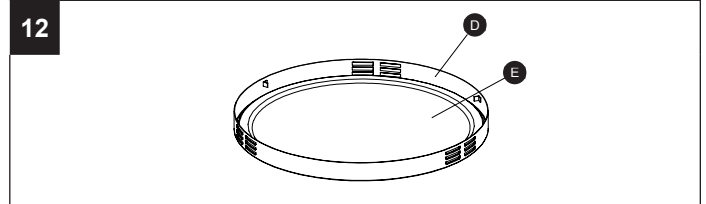
11. Secure the LED panel (C) to the fan housing (A) using 4 short machine screws (BB) and metal washers (DD).

Hardware Used

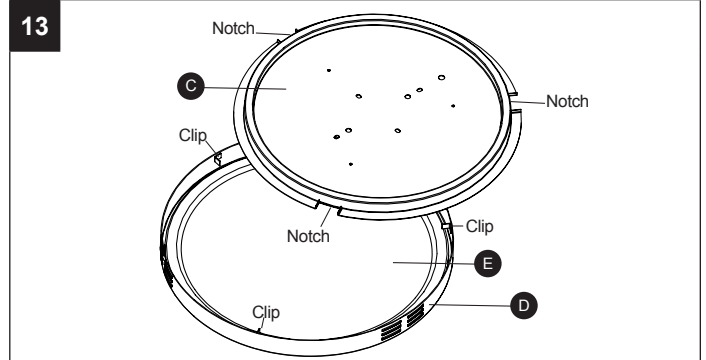
BB	Short machine screw		x 4
DD	Metal washer		x 4



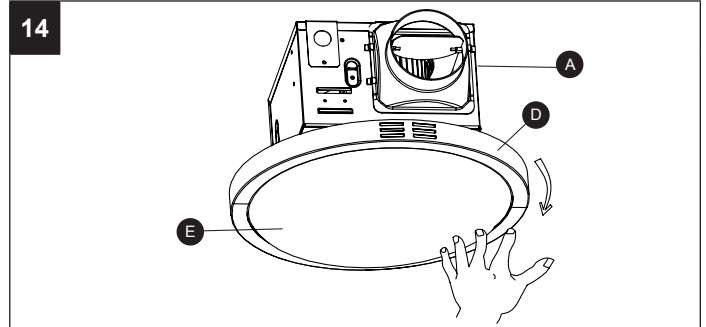
12. Choose which rim (D) finish suits your room. Lay glass globe (E) into chosen rim (D).



13. Line up the three notches around the outside of the LED panel (C) with the three clips on the rim (D). Gently push up the rim (D) and glass globe (E) as far as possible until it stops.



14. Rotate the rim (D) until it hits the stop and cannot be rotated any further. Slowly pull hands away and glass globe (E) and rim (D) will be attached to the fan housing (A).



CARE AND MAINTENANCE

WARNING: Disconnect power supply before servicing. See SAFETY INFORMATION before proceeding. Routine maintenance should be done at least once a year.

- Wash glass globe with mild soap and water, dry with a cloth.
- Remove excess dirt and dust from the fan housing with a vacuum cleaner.
- Do not use solvents, thinner or harsh chemicals for cleaning the fan.
- Do not allow water to enter the motor.
- Do not immerse resin parts in water over 140° F.

TROUBLESHOOTING

PROBLEM	POSSIBLE CAUSE	CORRECTIVE ACTION
The fan seems louder than it should	CFM too great	Be sure the CFM rating on the fan matches the size of your room
	Damper not working properly or damaged	Check damper to ensure it is opening and closing properly. If the damper has become damaged, please call Customer Service
	Bend in duct too close to fan discharge	Be sure you do not have any sharp bends in duct closer than 18 in. to the fan discharge
	Fan discharge reduced to fit smaller duct	Use recommended size ducting to reduce fan noise
	Fan housing not securely attached	Be sure the fan is securely attached to your ceiling joists
The fan is not clearing the room	Insufficient intake airflow within 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
	Insufficient CFM	Be sure the CFM rating on the fan matches the requirements for your room size NOTE: Using a tissue is not an accurate 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

LIMITED 5-YEAR WARRANTY

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 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 1-866-994-4148, 8 a.m. - 6 p.m., EST, Monday - Thursday, 8 a.m. - 5 p.m., EST, Friday.