INSTALLATION GUIDE

READ AND SAVE THESE INSTRUCTIONS

Technical Specifications

Check the fan label to make sure it is the correct voltage.

Operating voltage	Diameter	Weight	Operating frequency
120 VAC, 1 Φ	132 cm	5 kg	60 Hz
220/240 VAC, 1 Φ	132 cm	5 kg	50/60 Hz

Tools Needed

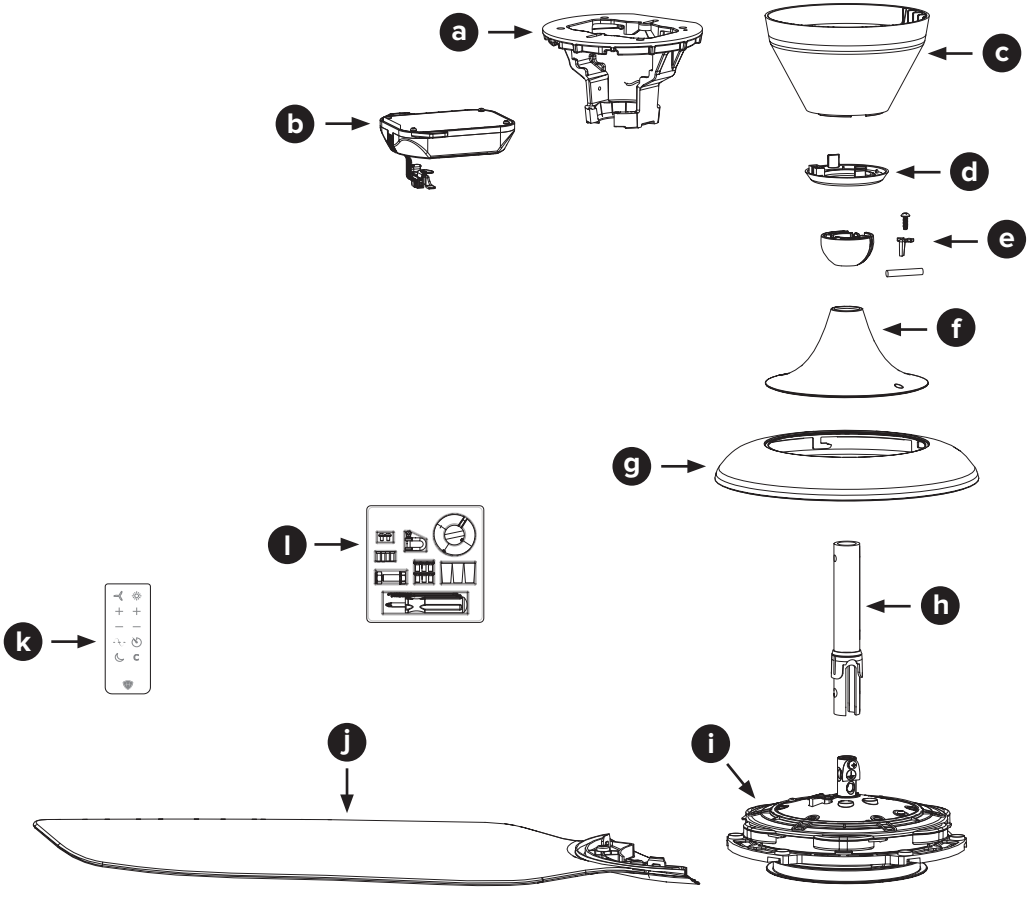
- Ladder
- Wire Strippers
- Phillips Screwdriver
- Hex Key
- Wrenches

Scan or visit resources.haikuhome.com/help for online Haiku mobile app help

Models: L3127-X5, L3127-X6, FR127C-U1EXX

PARTS

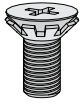
- **a** Mounting Bracket
- **b** Control Box
- **c** Wiring Cover
- **d** LED Diffuser Ring
- **e** Mounting Ball and Hardware
- **f** Lower Cover Trim
- **g** Lower Cover Ring
- **h** Extension Tube
- **i** Motor Unit
- **j** (3) Airfoils
- **k** Remote Control
- **l** Hardware Pack



HARDWARE

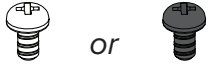
Hardware and tools needed for installation are packaged in the hardware pack. *Hardware below shown at actual size.*

Airfoil Hardware



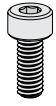
(6) M5 Screws with Tooth Washer

Lower Cover Hardware



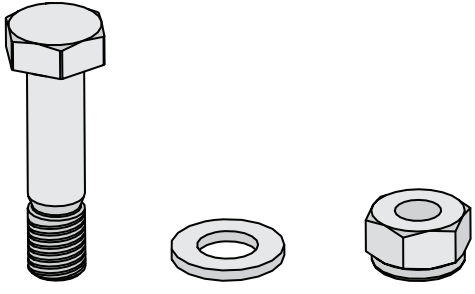
(2) Painted M3.5 Screws

Wiring Cover Hardware



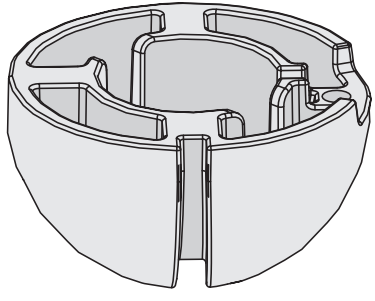
(4) M4 Socket Head Cap Screws

Mounting Hardware

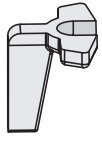


M8 Bolt M8 Washer M8 Nylock Nut

Mounting Ball and Hardware



Mounting Ball



Wedge

4 mm Self-Tapping Screw

Steel Pin

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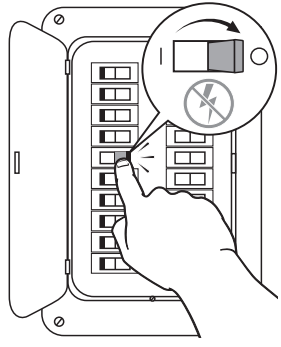
1 PREPARE THE FAN SITE

Installation requires basic electrical knowledge. Contact a licensed electrician if you are uncomfortable performing electrical work or if legally required in your area.

1 Disconnect Power!

- ***Disconnect power to the fan location before wiring fan!***
- ***If required by your local electrical code, a licensed electrician must install the fan.***
- ***The ground wire must be connected to the supply ground and its length must be longer than the safety cable!***
- ***A readily accessible disconnect device shall be incorporated external to the equipment.***
- ***A means for disconnection must be incorporated in the fixed wiring in accordance with the wiring rules.***



2

If you are installing the fan directly to the building structure or to a ceiling-mounted outlet box, the structure or outlet box must be suitable for fan support.

2 INSTALL THE MOUNTING BRACKET

Outlet Box

If your local electrical code requires the fan to be installed on a ceiling-mounted outlet box, the outlet box must be suitable for fan support. If there is not an outlet box at the fan location, one should be installed on a ceiling joist or beam and properly wired.

Concrete Ceiling

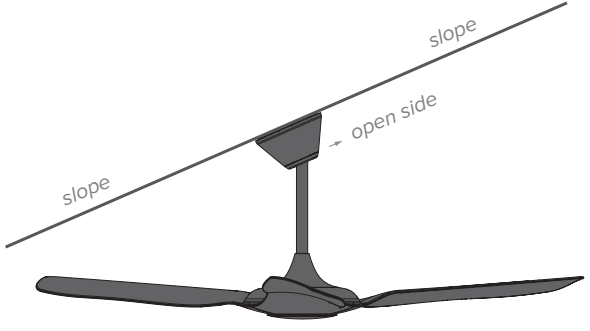
If installing your fan on a concrete ceiling, ensure power wiring has been routed to the fan site. Attach the mounting bracket directly to the ceiling using four Ø 6 mm anchor bolts (not supplied). If required by your local building and safety code, install an Ø 8 mm anchor hook (not supplied) for the safety cable.

Wood Ceiling Joist

If installing your fan on a wood ceiling joist, ensure power wiring has been routed to the fan site. Attach the mounting bracket directly to the joist using two wood screws (not supplied). Haiku Home recommends using corrosion-resistant 12-11 x 45 mm hex head timber screws with seal.

Sloped Ceilings

If mounting to a sloped ceiling, install the mounting bracket so that the open side faces upward with the slope.



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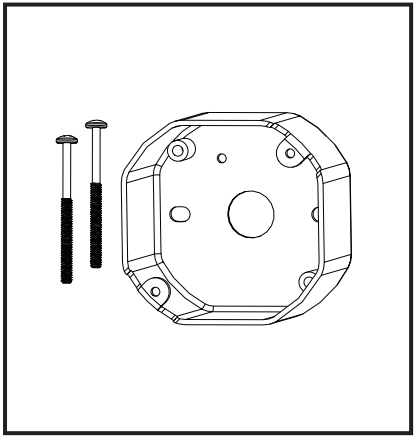
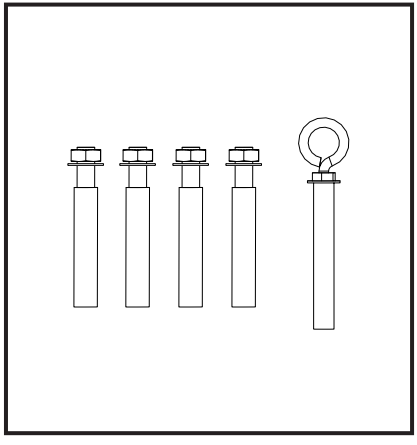
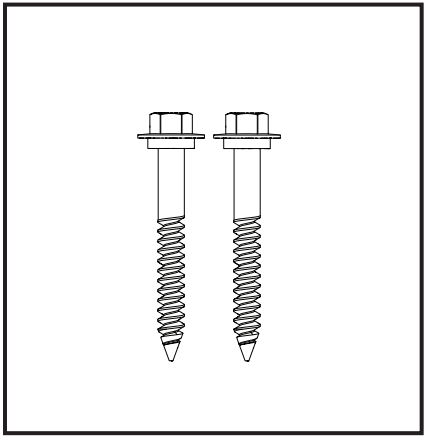


2a **Outlet Box**
Page 6

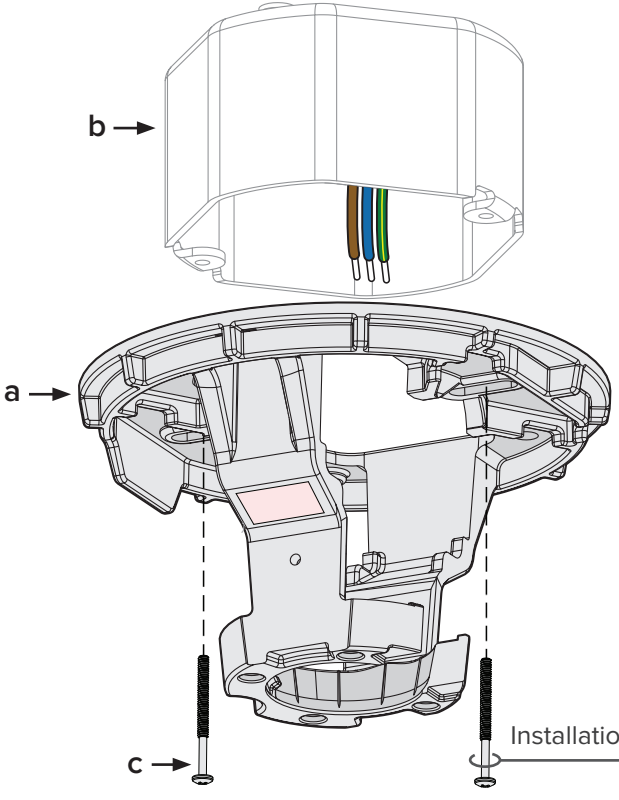


2b **Concrete Ceiling**
Page 8



2c **Wood Ceiling Joist**
Page 10

2a INSTALL THE MOUNTING BRACKET (OUTLET BOX)



Installation may vary. Refer to the outlet box instructions.

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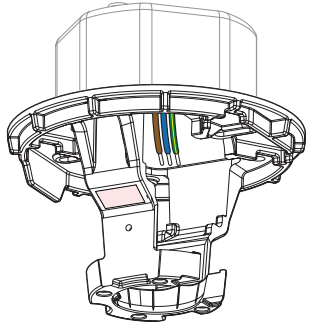
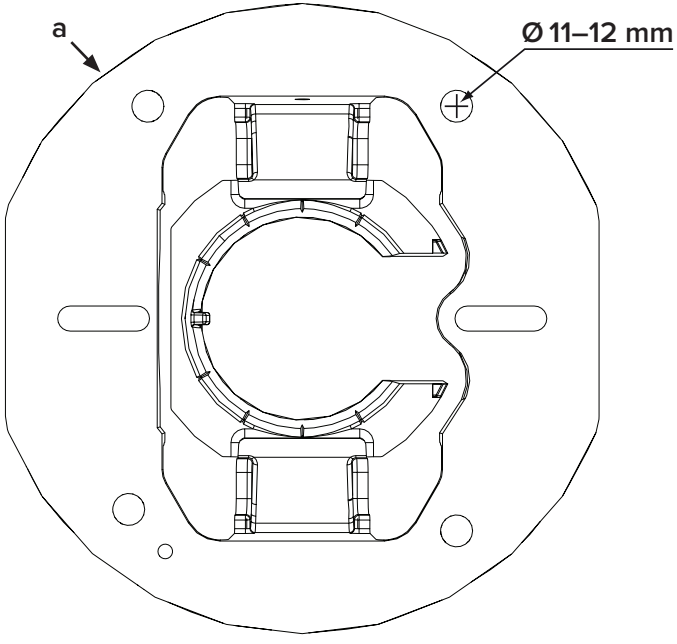
Secure the mounting bracket (*a*) to the outlet box (*b*) with the screws supplied with the outlet box (*c*).

Outlet Box Hardware:
c. Screw (supplied with outlet box)

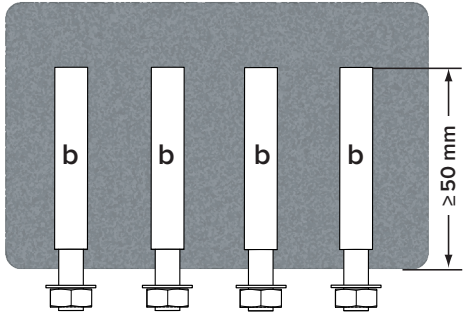


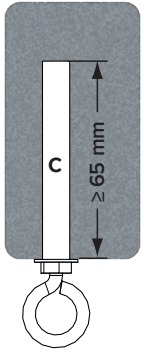
STEP COMPLETED

2b INSTALL THE MOUNTING BRACKET (CONCRETE CEILING)



Use the mounting bracket as a template to mark drill locations for the four mounting holes.





Install an anchor hook for the safety cable if required by your local building and safety code.

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1 Using the mounting bracket (*a*) as a template, mark drill locations for the four mounting holes on the concrete ceiling. Drill four Ø 11–12 mm holes into the marks. The hole depth should be at least 50 mm.

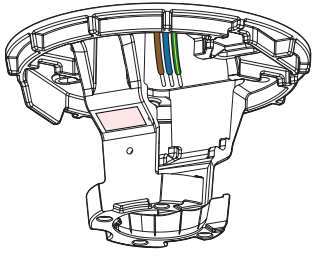
2 Remove any dust from the holes. Insert four anchor bolts (*b*) into the holes. Strike the heads of the anchor bolts with a hammer, ensuring the bolt sleeves are flush with the ceiling surface.

Concrete Ceiling Hardware:
b. (4) Ø 6 mm anchor bolts (not supplied)

3 Position the mounting bracket on the anchor bolts. Ensure all four anchor bolts are fully tightened to expand and lock the anchors.

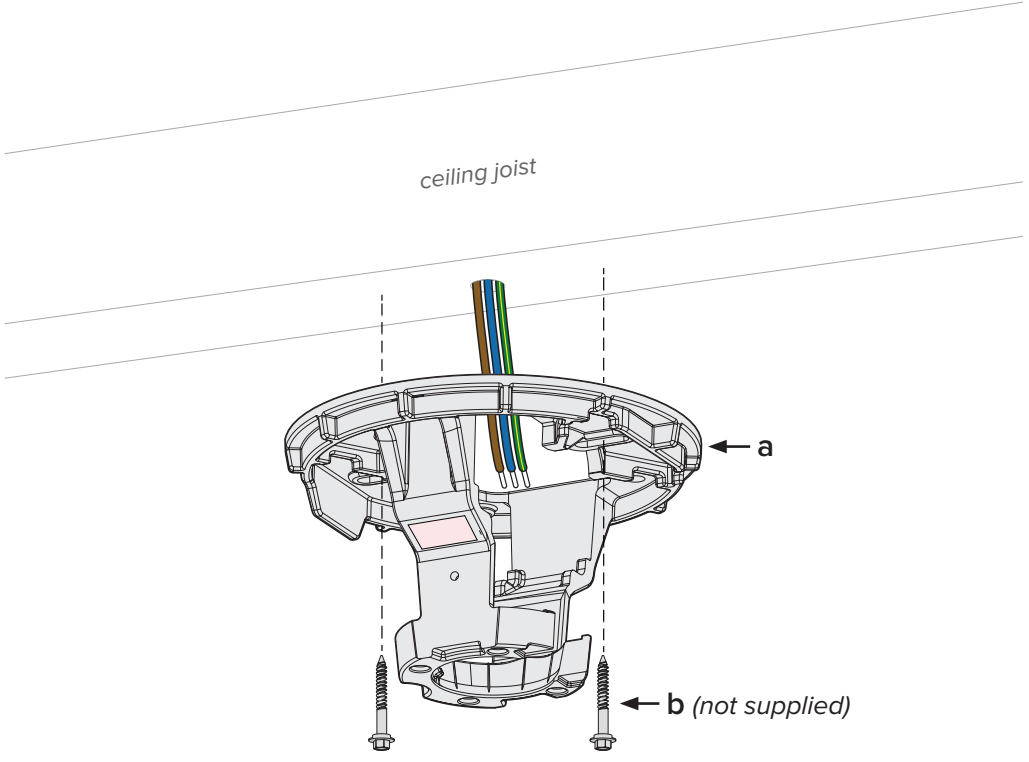
4 If required by local building and safety codes, install an anchor hook (*c*) for the safety cable. Drill a Ø 13–14 mm hole for the anchor hook. The hole depth should be at least 65 mm. Remove any dust from the hole, and then insert the anchor hook and fully tighten. Refer to the Safety Cable instructional sheet included with this guide.

Concrete Ceiling Hardware:
c. Ø 8 mm anchor hook (not supplied)



STEP COMPLETED

2c INSTALL THE MOUNTING BRACKET (WOOD CEILING JOIST)



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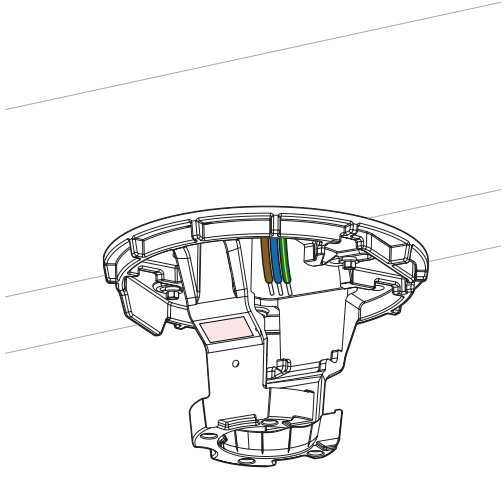
Secure the mounting bracket (*a*) to the joist with two (2) 12-11 x 45 mm hex head timber screws with seal (*b*).

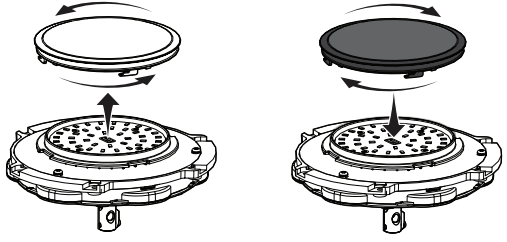
Wood Ceiling Joist Hardware:
b. (2) 12-11 x 45 mm hex head timber screws with seal (not supplied)



STEP COMPLETED

3 PREPARE THE AIRFOILS

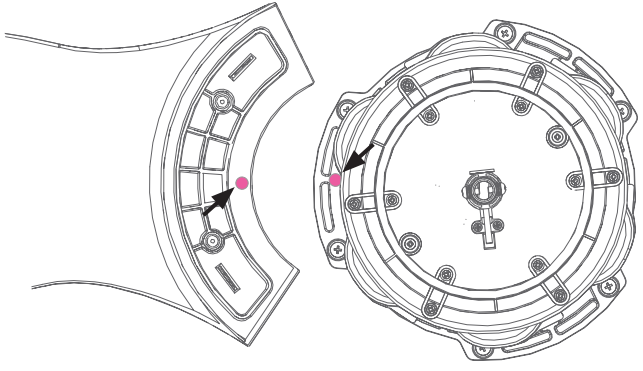
SELECT LENS (BLACK FANS WITH LIGHTS)



a b

1

MATCH AIRFOIL STICKERS



2

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1 **Black fans with lights:** For softer lighting, remove the white lens and install the smoky lens before attaching the airfoils.

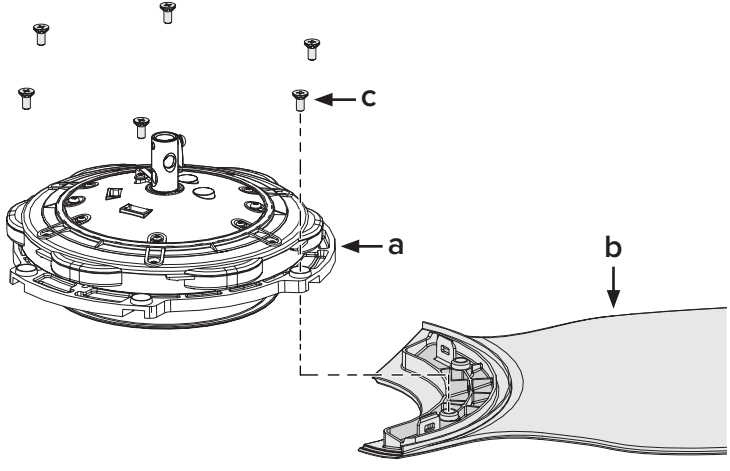
a. Twist to uninstall white lens.

b. Twist smoky lens to lock in place.

2 Make sure the stickers on the airfoils match the stickers on the fan hub.

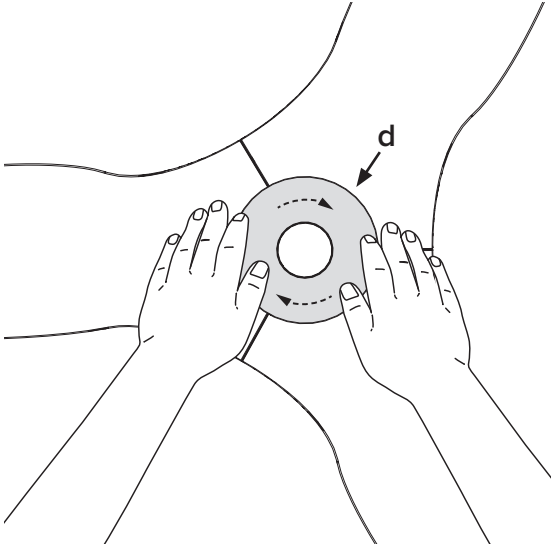
4 INSTALL THE AIRFOILS

INSTALL AIRFOILS



1

FANS WITHOUT LIGHTS



2

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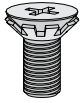
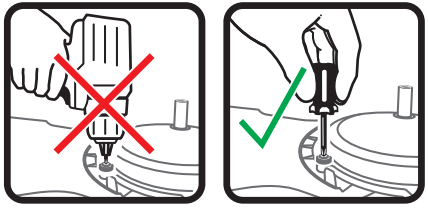
1 Rest the motor assembly (*a*) on your lap. Moving clockwise, install each airfoil (*b*) with the provided hardware. Tighten the screws to 2.5 N·m (22.1 in·lb). ***Do not use power tools to install the airfoils, and do not over-tighten the screws! Over-tightening the screws may cause the airfoils to warp and void your warranty.***

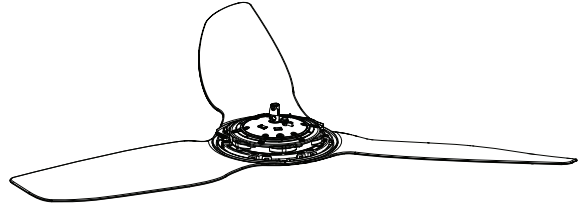
Airfoil Hardware:
c. (6) M5 screws with tooth washer



2 **Fans without lights:** Position the motor cover (*d*) over the motor, and then place both hands flat on the cover and turn it clockwise to lock it in place.

DO NOT USE POWER TOOLS!

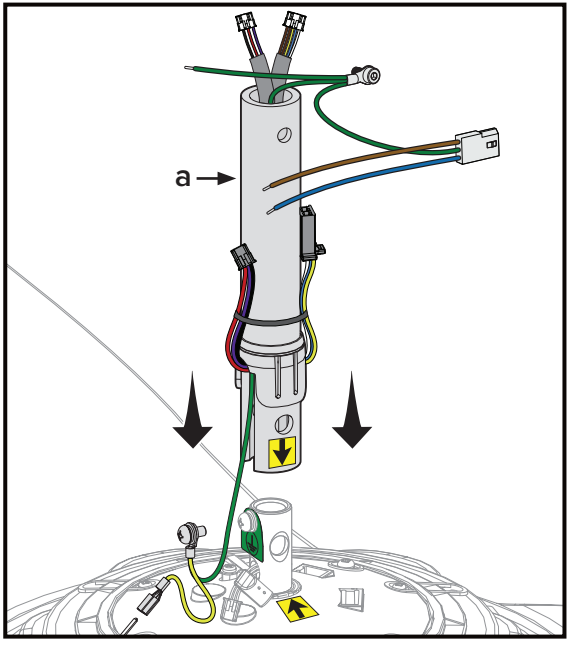




STEP COMPLETED

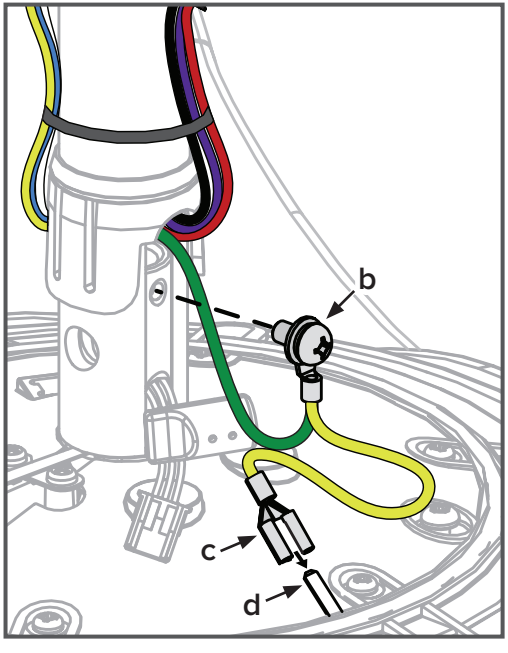
5 INSTALL THE LOWER EARTH/GROUND WIRE

POSITION EXTENSION TUBE



1

SECURE EARTH/GROUND WIRE



2

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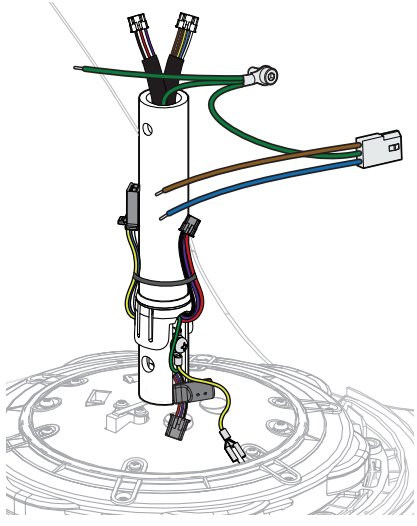
1 Lower the extension tube (*a*) onto the motor shaft. Ensure the yellow arrow sticker on the extension tube is aligned with the sticker on the motor.

2 Remove the screw and ground tag from the motor shaft. Secure the Earth/Ground wire to the motor shaft with the captive screw (*b*). Connect the yellow Earth/Ground female spade connector (*c*) to the male connector (*d*) on the motor.

Safety Cable Installation

You may be required to secure the fan directly to the building structure if your local safety code requires it. Check your local code! Refer to the Safety Cable instructional sheet included with this guide for more information.

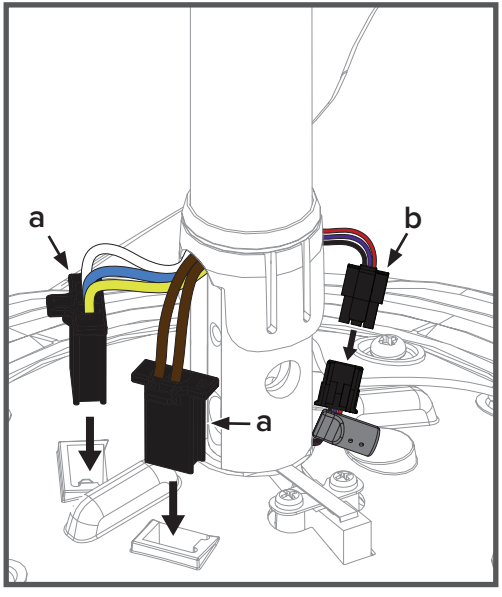
Acceptable building structures include a wooden beam or a metal mounting brace secured between two beams. In some cases it may be necessary to install additional structural material to provide attachment points.



STEP COMPLETED

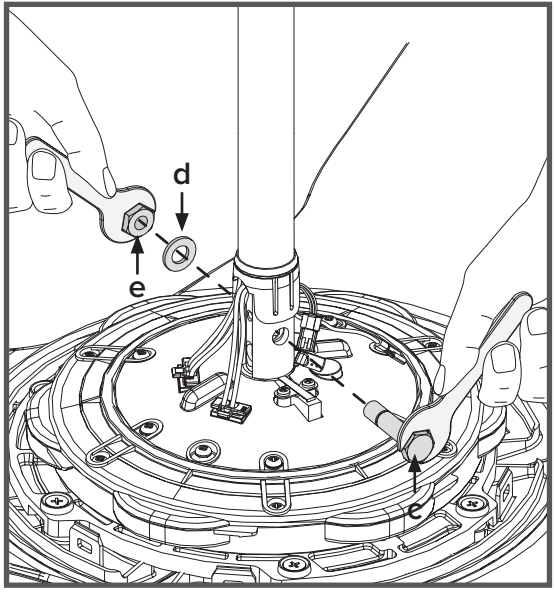
6 CONNECT MOTOR WIRING AND SECURE EXTENSION TUBE

INSTALL WIRING HARNESSES



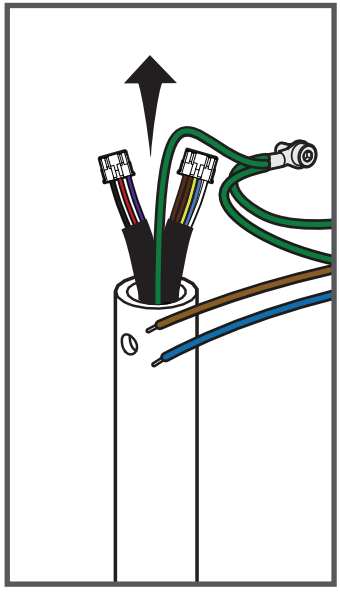
1

SECURE HARDWARE



2

REMOVE SLACK



3

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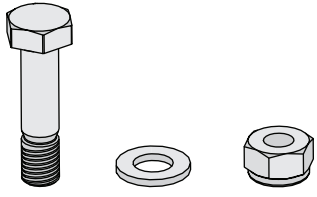
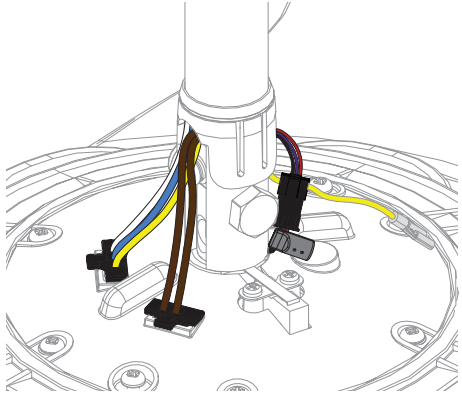
1 Remove the tie holding the wiring harnesses to the extension tube. Plug the two large wiring harnesses (*a*) into the receptacles on the motor. Plug the small, male wiring harness (*b*) into the female wiring harness from the motor shaft.

2 Align the bolt holes on the extension tube with the holes on the motor shaft, and then secure the tube with the provided hardware and wrenches.

Mounting Hardware:
c. M8 bolt
d. M8 washer
e. M8 nylock nut

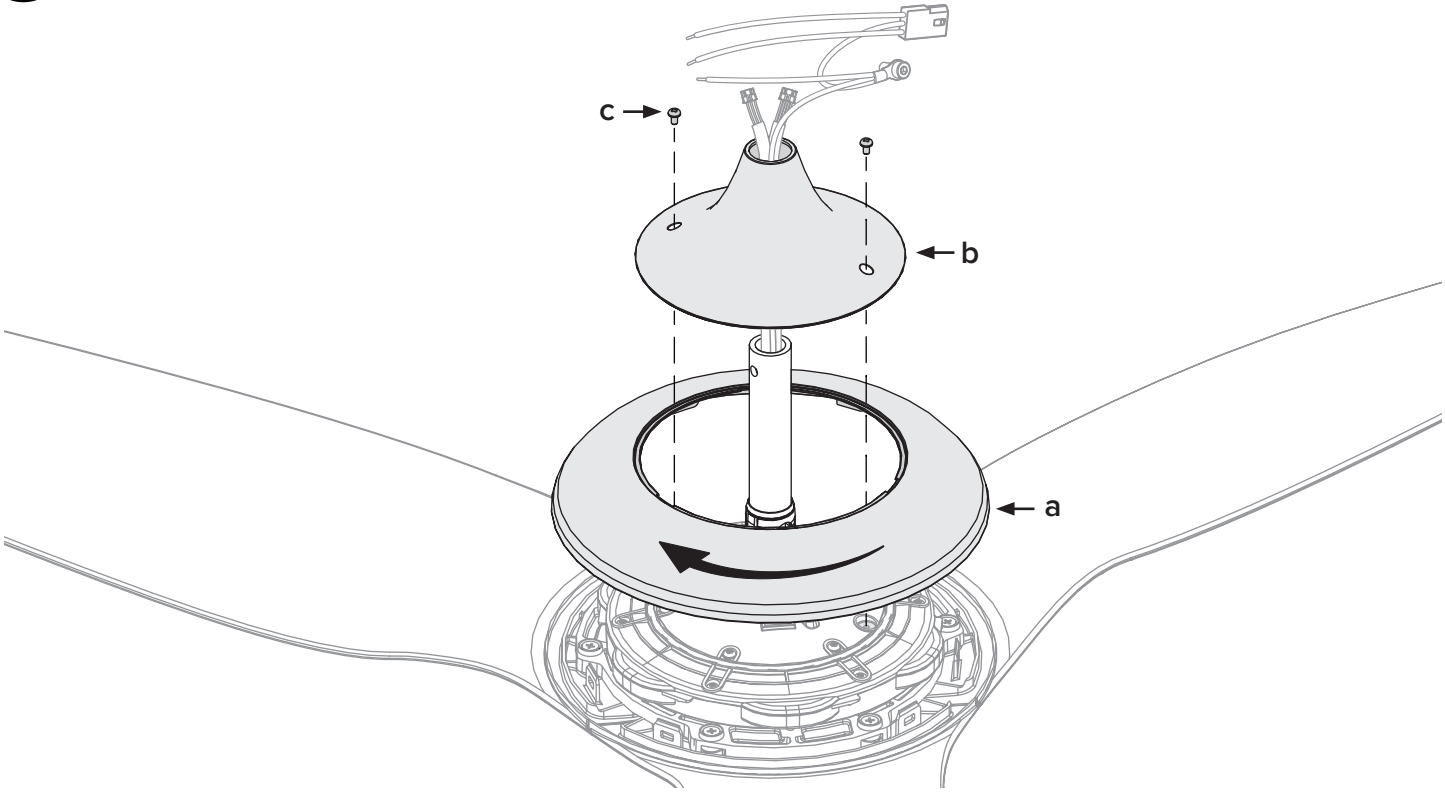


3 To remove slack, gently tug on the cables at the top of the extension tube.



STEP COMPLETED

7 SECURE THE LOWER COVER



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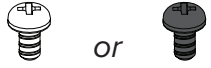
1 Place the lower cover ring (*a*) around the extension tube, resting it evenly on the motor. There should be a very small gap between the cover and the airfoils. Rotate the cover ring clockwise until it stops.

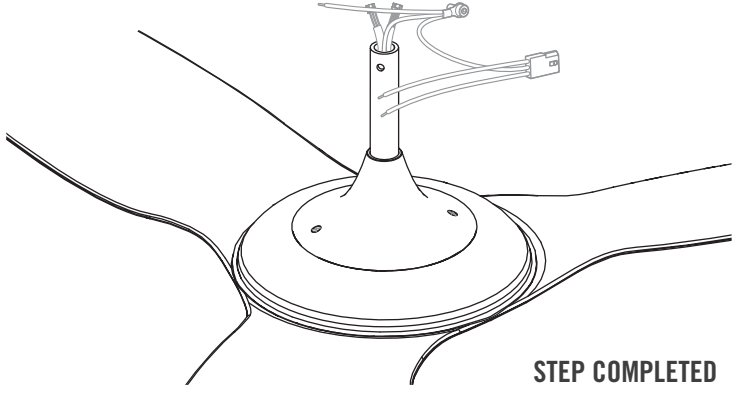
2 Thread the wires through the opening in the lower cover trim (*b*), and then slide the trim down the extension tube, resting it evenly on the cover ring.

3 Align the screw holes on the trim with the motor screw holes, and then secure the trim in place with the provided screws (*c*).

Lower Cover Hardware:
c. (2) Painted M3.5 screws

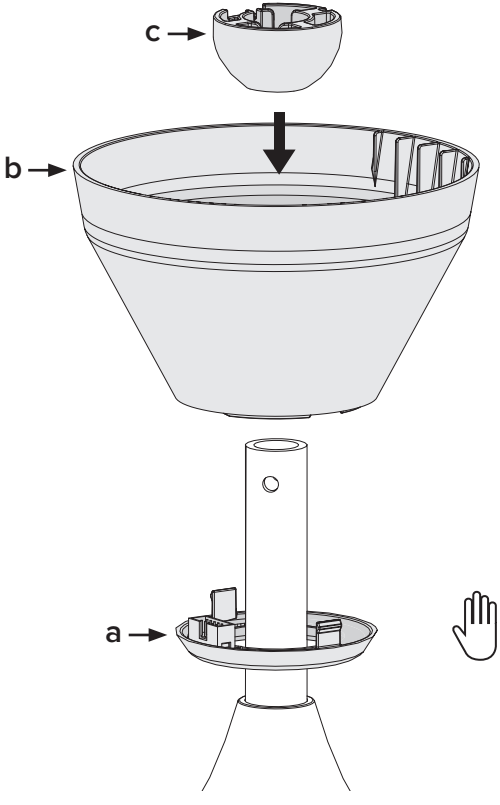


White *Black*



STEP COMPLETED

8 ARRANGE LED DIFFUSER RING, WIRING COVER, AND MOUNTING BALL



Do not seat the LED diffuser ring in the wiring cover at this step!

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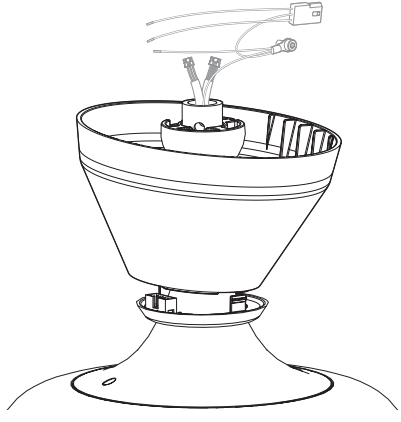
Do not seat the LED diffuser ring in the wiring cover at this step!

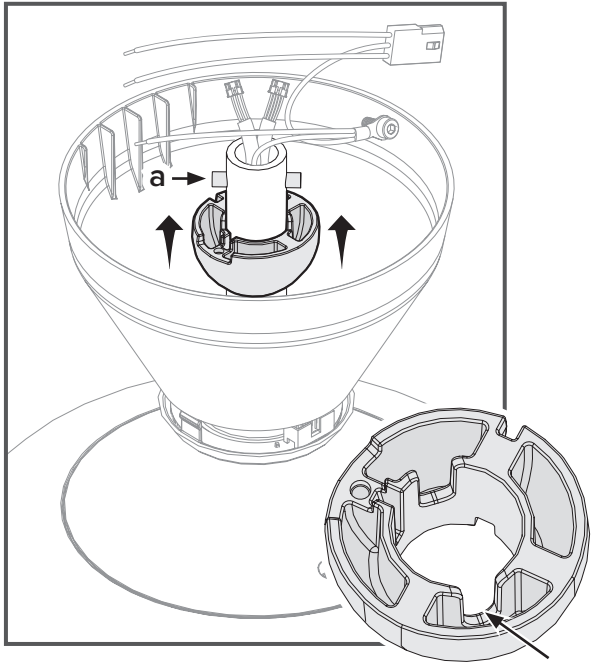
Slide the LED diffuser ring (*a*), wiring cover (*b*), and mounting ball (*c*) down the extension tube (in that order), resting them on the fan hub.



STEP COMPLETED

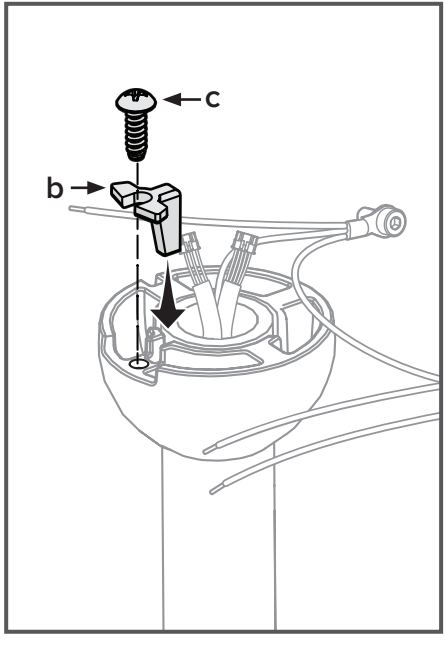
9 ATTACH THE MOUNTING BALL

SEAT MOUNTING BALL



1

INSTALL WEDGE



2

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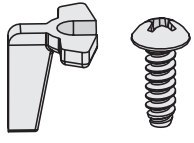
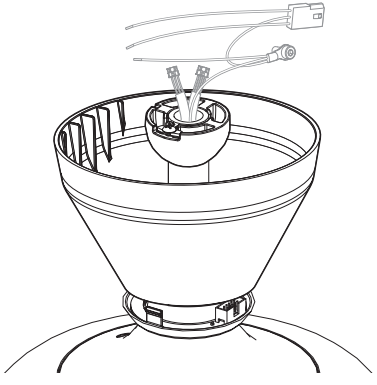
1 Insert the steel pin (*a*) into the hole at the top of the extension tube, and then slide the mounting ball upward, seating the steel pin in the inner slots of the ball.

Mounting Ball Hardware:
a. Steel pin

2 Insert the wedge (*b*) into the mounting ball as shown, and then secure the wedge with the screw (*c*). Tighten the screw enough to prevent movement between the mounting ball and extension tube. *Do not over-tighten the screw.*

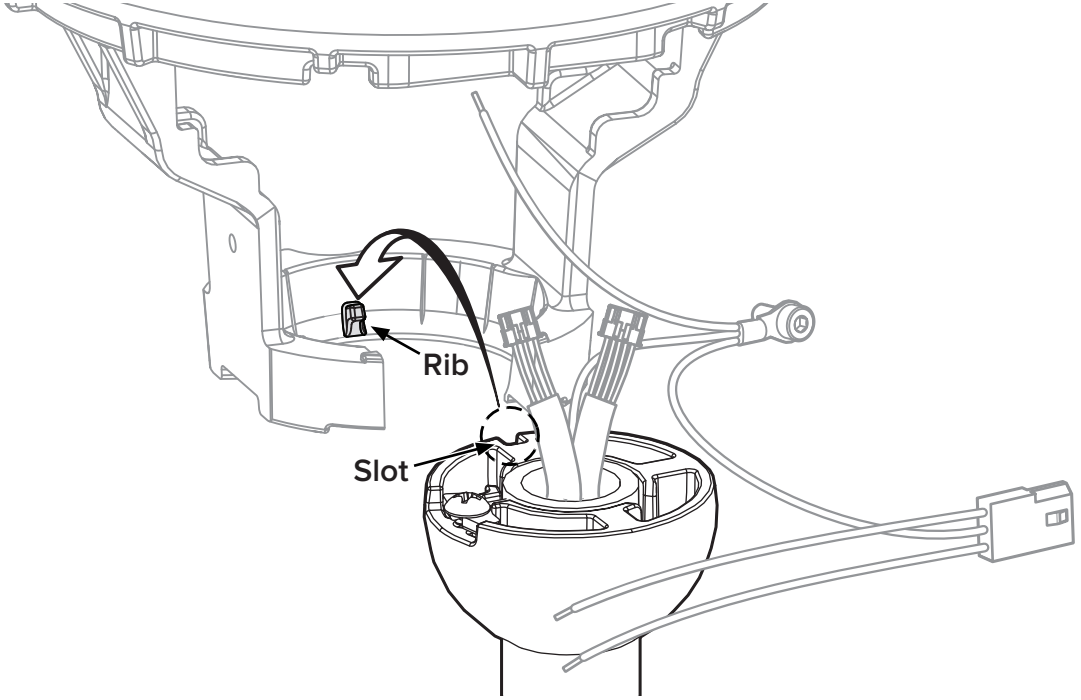
Mounting Ball Hardware:
b. Wedge
c. 4 mm self-tapping screw





STEP COMPLETED

10 HANG THE FAN



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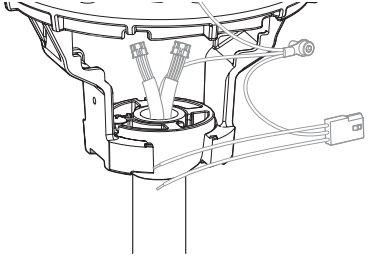
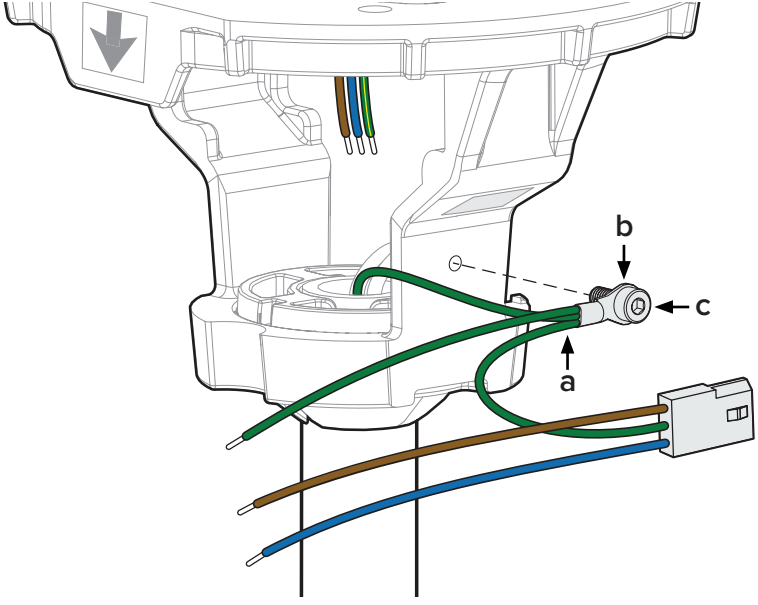
1 Raise the fan to the mounting bracket. Align the slot in the mounting ball with the rib in the mounting bracket, insert the mounting ball, and let the fan hang freely.

2 Gently twist the extension tube to ensure the mounting ball is properly seated and will not move during fan operation.



STEP COMPLETED

11 INSTALL THE UPPER EARTH/GROUND WIRE



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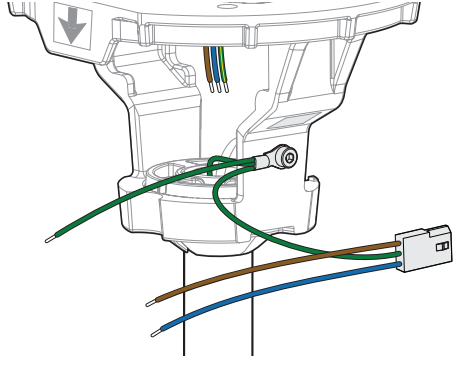
Route the ground wire from the extension tube (*a*) to the outside of the mounting bracket. Secure the ground wire terminal (*b*) to the mounting bracket with the screw (*c*).

Safety Cable Installation

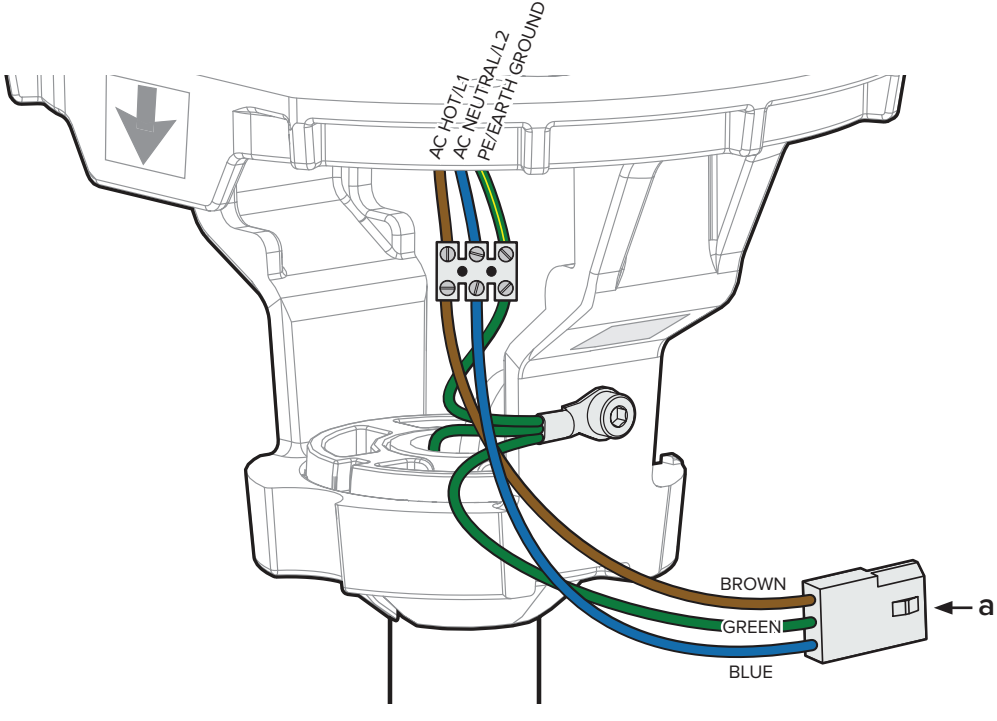
You may be required to secure the fan directly to the building structure if your local safety code requires it. Check your local code! Refer to the Safety Cable instructional sheet included with this guide for more information.

Acceptable building structures include a wooden beam or a metal mounting brace secured between two beams. In some cases it may be necessary to install additional structural material to provide attachment points.



STEP COMPLETED

12 WIRE THE FAN



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⚠ **Make sure power is disconnected before wiring the fan!**

⚠ **If required by your local electrical code, a licensed electrician must install the fan.**

⚠ **Do not connect the fan to a damaged power source! Do not attempt to resolve electrical failures on your own. Consult a qualified electrician if uncertain of the electrical installation of this fan.**

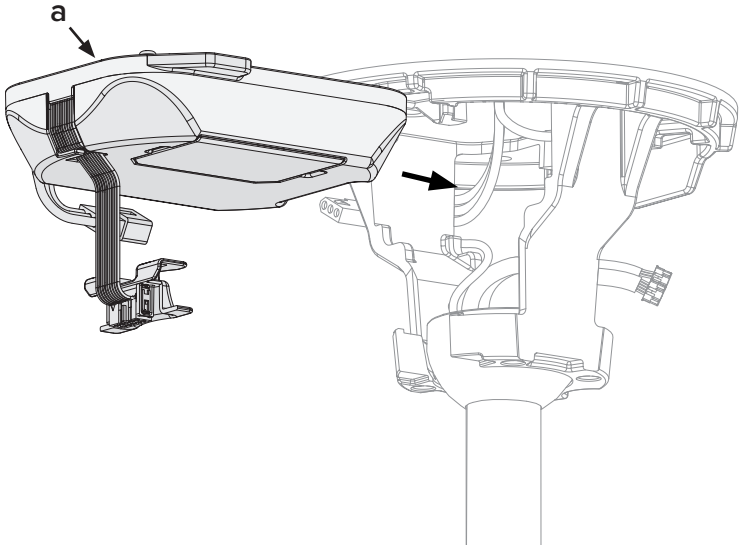
1 Make the electrical connections by securing the supply power wires to the loose ends of the wiring harness (*a*) with the provided wire nuts or a terminal strip (or the means of connection required by your local electrical code).

2 Test the connection by lightly tugging on the wires.

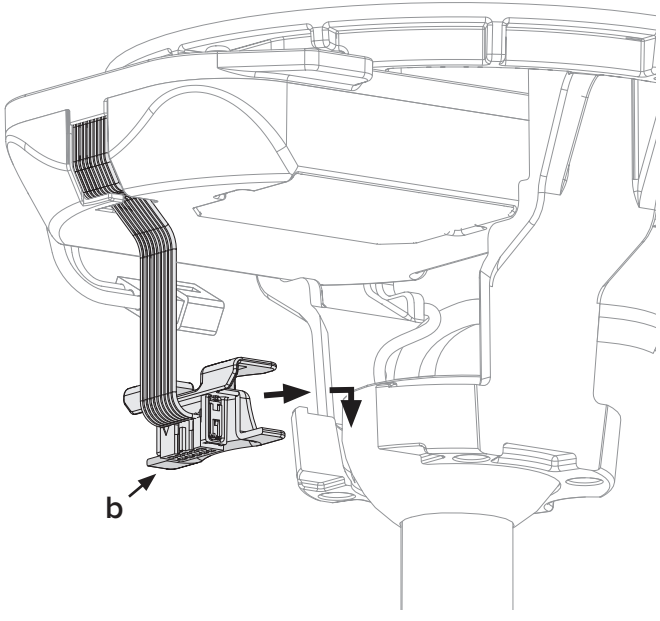
3 Tuck the power wiring into the outlet box or building structure.

	AC HOT/L1 BROWN	AC NEUTRAL/L2 BLUE	PE/EARTH GROUND GREEN
AUSTRALIA	Brown or Red	Black or Light Blue	Green with Yellow Tracer
ALL OTHER REGIONS	Brown	Blue	

13 INSTALL THE CONTROL BOX



1



2

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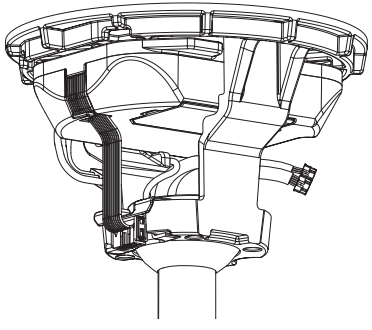
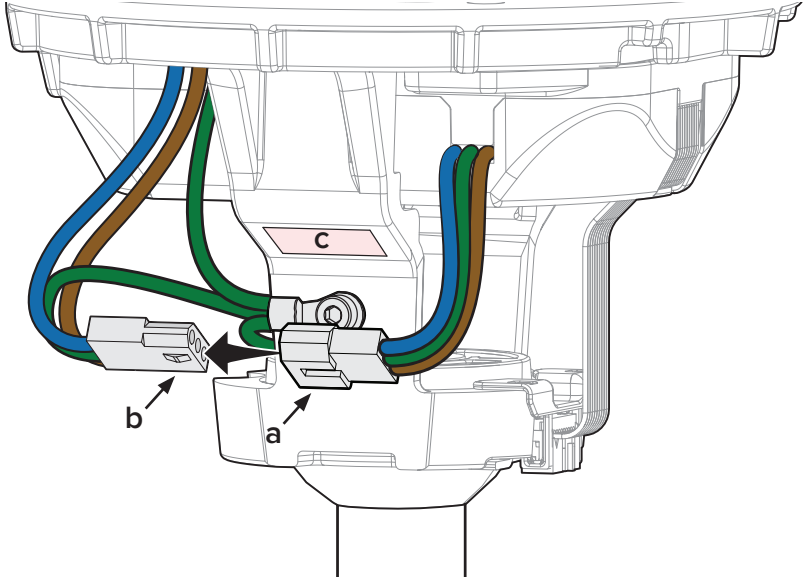
1 Insert the control box (*a*) into the mounting bracket as illustrated. ***Be careful not to pinch the wires between the mounting bracket and control box!***

2 Snap the LED indicator (*b*) into the gap in the mounting bracket. Make sure it is securely seated.

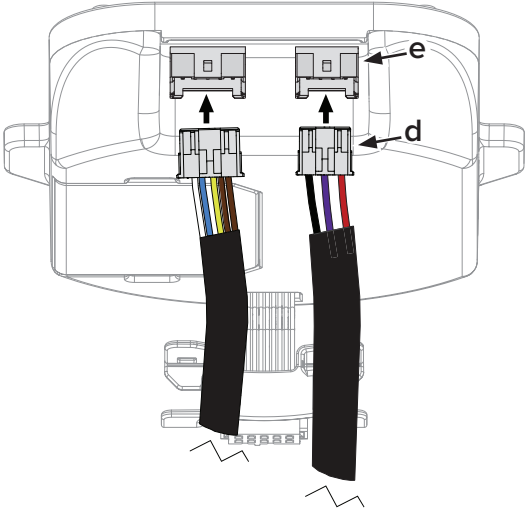


STEP COMPLETED

14 CONNECT THE CONTROL BOX



1



2

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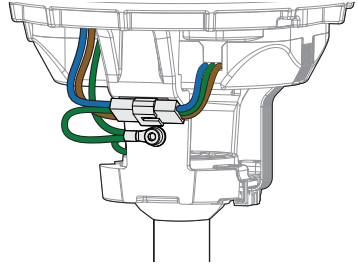
1 Connect the wiring harness from the control box (*a*) to the harness from the ceiling (*b*).

Peel the backing off the double-sided tape (c) on the mounting bracket, and then affix the harnesses to the tape.

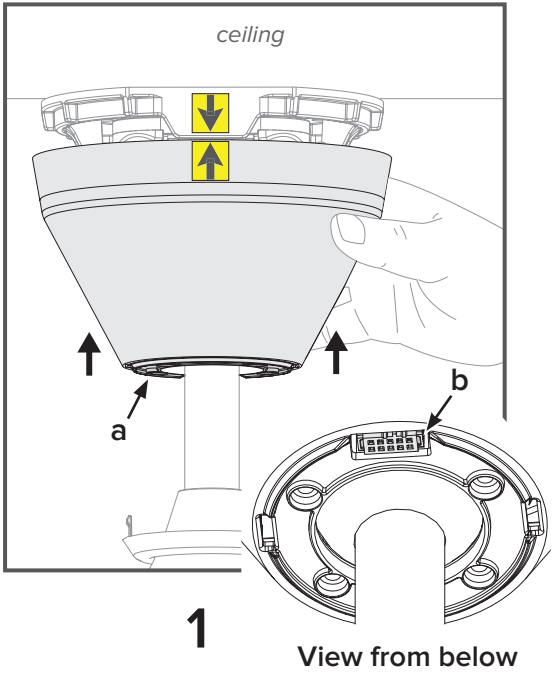
2 Connect the wiring harnesses from the extension tube (*d*) to the corresponding receptacles (*e*) on the control box.



STEP COMPLETED

15 INSTALL THE WIRING COVER

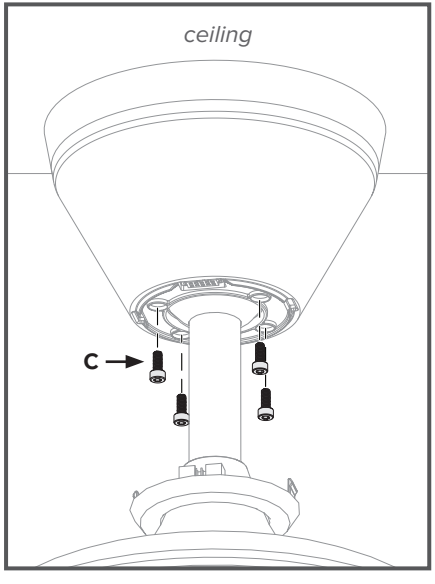
ALIGN WIRING COVER



1

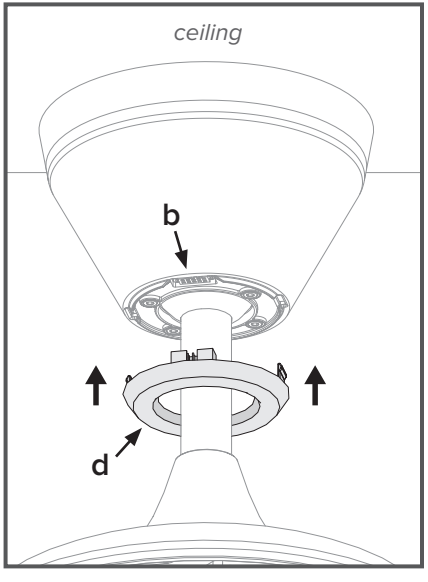
View from below

INSTALL SCREWS



2

INSTALL DIFFUSER RING



3

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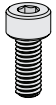
1 Slide the wiring cover (*a*) up the extension tube, aligning the yellow arrow stickers so that the top of the wiring cover sits flush with the mounting bracket. Make sure the LED indicator receptacle shows through the opening in the cover (*b*).

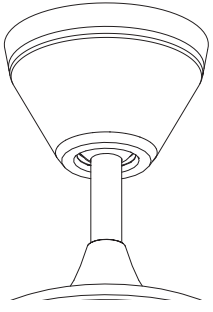
2 Make sure all wiring is tucked into the wiring cover, and then secure the cover with the provided screws (*c*).

Wiring Cover Hardware:
c. (4) M4 socket head cap screws



3 Slide the LED diffuser ring (*d*) up the extension tube and plug the connector into the LED indicator receptacle through the opening (*b*) in the wiring cover.

Make sure the tabs on the diffuser ring are securely snapped in place.



STEP COMPLETED

16 TEST THE FAN

Do not expose the remote control to rain or water.

Before using the remote control, remove the plastic tab from the battery tray. Turn on power to the fan location and test functionality using the remote. Turn on the fan and test speed and light brightness*.

Turns fan on or off.

Turns light on or off.

Increases fan speed/light brightness.

Decreases fan speed/light brightness.

Sets fan timer length of up to eight hours. Each press extends timer by one hour.

Clears active fan timer.

Varies fan speed to simulate a natural breeze.

Automatically adjusts your fan speed overnight to keep you comfortable while you sleep.

For operation, maintenance, and troubleshooting information, visit **resources.haikuhome.com/help**

*Applies only to fans with lights

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NOTES

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