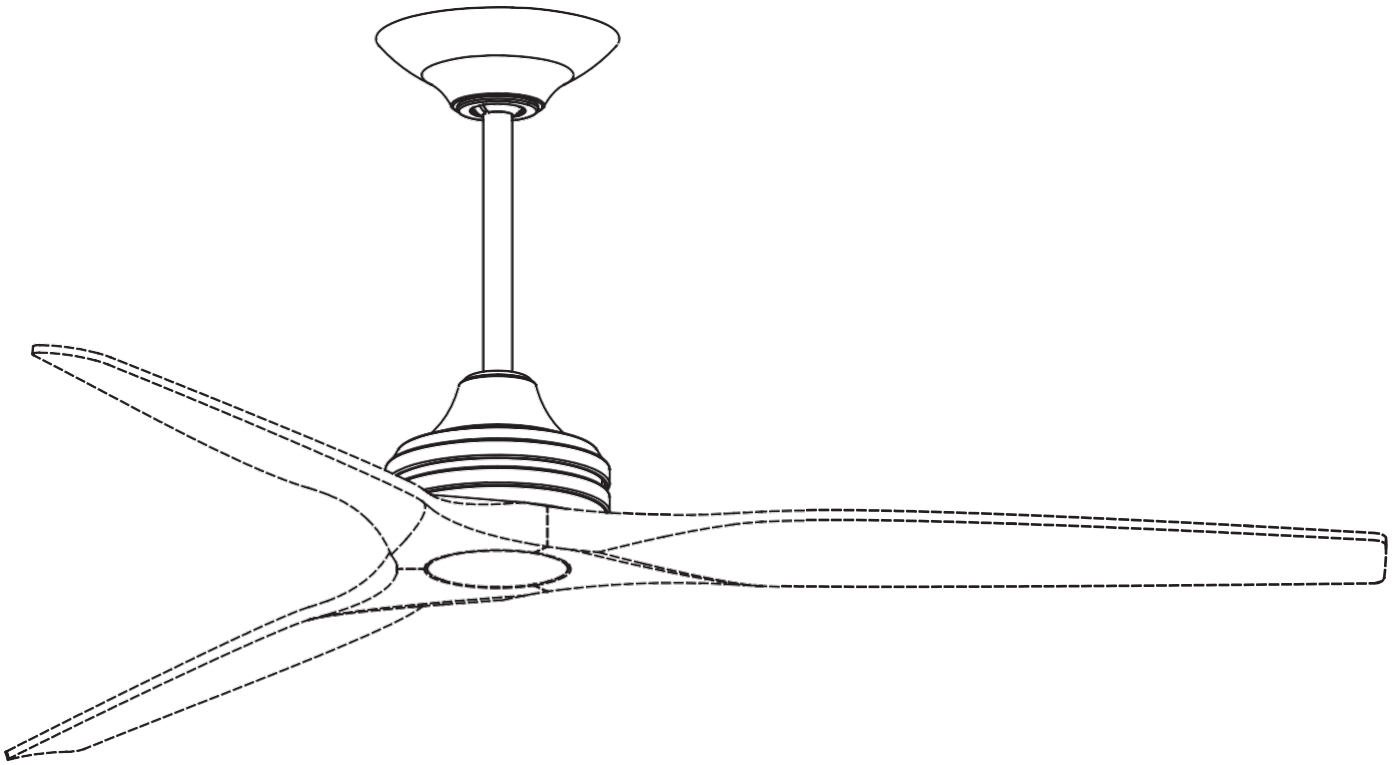
SERENA & LILY

Spitfire Ceiling Fan *Assembly Instructions*



Important Safety Instructions

WARNING: To avoid fire, shock and serious personal injury, follow these instructions.

1. Read your owner's manual and safety information before installing your new fan. Review the accompanying assembly diagrams.
2. Before servicing or cleaning unit, switch power off at service panel and lock service panel disconnecting means to prevent power from being switched on accidentally. When the service disconnecting means cannot be locked, securely fasten a warning device, such as a tag, to the service panel.
3. Be careful of the fan and blades when cleaning, painting, or working near the fan. Always turn off the power to the ceiling fan before servicing.
4. Do not insert anything into the fan blades while the fan is operating.
5. The appliance is not intended for use by young children or infirm persons without supervision. Young children should be supervised to ensure that they do not play with the appliance.

Additional Safety Instructions

1. To avoid possible shock, be sure electricity is turned off at the fuse box before wiring, and do not operate fan without blades.
2. All wiring and installation procedures must satisfy National Electrical Codes (ANSI/ NFPA 70) and Local Codes. The ceiling fan must be grounded as a precaution against possible electrical shock. Electrical installation should be made or approved by a licensed electrician.
3. The fan base must be securely mounted to the outlet box capable of reliably supporting at least 35 lbs. (fan and accessories not to exceed 35 lbs. or 15.9 kgs.). See page 5 of owner's manual for support requirements. Consult a qualified electrician if in doubt.
4. The fan must be mounted with the fan blades at least 7 feet from the floor to prevent accidental contact with the fan blades.
5. Follow the recommended instructions for the proper method of wiring your ceiling fan. If you do not have adequate electrical knowledge or experience, have your fan installed by licensed electrician.
6. Suitable for use with solid-state speed controls supplied with this product and/or any accessories designated specifically for use with this product by.
7. This fan is suitable for use in dry and/or damp locations.
8. For supply connections, if the conductor of a fan is identified as a grounded conductor, then it should be connected to a grounded conductor power supply. If the conductor of a fan is identified as an ungrounded conductor, then it should be connected to an ungrounded conductor power supply. If the conductor of a fan is identified for equipment grounding, then it should be connected to an equipment grounding conductor.
9. The remote control of this product contain lithium button/coin cell batteries. If a new or used lithium button/coin cell battery is swallowed or enters the body, it can cause severe internal burns and can lead to death in as little as 2 hours. Always completely secure the battery compartment. If the battery compartment does not close securely, stop using the remote control of the product, remove the batteries, and keep it away from children. If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
   - The cells shall be disposed of properly, including keeping them away from children.
   - Even used cells may cause injury.
10. Turn off wall control can override any smart enabled or remote control commands and voice commands.

WARNING: Chemical Burn Hazard. Keep batteries away from children.
WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, THIS FAN MUST BE INSTALLED WITH A GENERAL USE ISOLATING WALL CONTROL/SWITCH.
WARNING: To Reduce The Risk Of Fire, Electric Shock Or Injury To Persons, Do Not Use Replacement Parts That Have Not Been Recommended By The Manufacturer (e.g. Parts Made At Home Using A 3D Printer).
WARNING: This product is designed to use only those parts supplied with this product and/or accessories designated specifically for use with this product. Using parts and/or accessories not designated for use with this product could result in personal injury or property damage.
WARNING: To reduce the risk of personal injury, do not bend the blade when installing the fan blades, balancing the blades, or cleaning the fan. Do not insert foreign objects in between rotating fan blades.
WARNING: Do not operate this fan with a variable (Rheostat) wall controller or dimmer switch. Doing so could result in damage to the ceiling fan's remote control unit.
WARNING: Mount to an outlet box marked acceptable for fan support of 15.9 kg (35 lbs) or Less.
WARNING: To reduce the risk of fire, electric shock, and injury to persons, ceiling fan, model Spitfire must be installed with optional fan blades, that are marked on their cartons to indicate the suitability with this model. Other blades cannot be substituted.

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. Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Note: This equipment has been tested and found to comply with the limits for 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 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 the 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.

Tools Needed for Assembly (Not Included)

- One Phillips head screwdriver
- One ¼″ blade screwdriver
- One stepladder
- One wire stripper

⚠ WARNING

Before assembling your ceiling fan, refer to section on proper method of wiring your fan (page 10). If you feel you do not have enough wiring knowledge or experience, have your fan installed by a licensed electrician.

Materials

Wiring outlet box and box connectors must be of type required by local code. The minimum wire would be a 3-conductor (2-wire with ground) of the following size:

Installed Wire Length	Wire Size A.W.G.
Up to 50 ft.	14
50-100 ft.	12

NOTE: *Place the parts from the loose parts bags in a small container to keep them from being lost. If any parts are missing, contact your local retailer.*

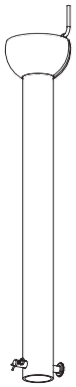
Unpacking Instructions

For your convenience, check-off each step. As each step is completed, place a check mark. This will ensure that all steps have been completed and will be helpful in finding your place should you be interrupted.

⚠ WARNING

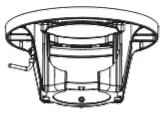
Do not install or use fan if any part is damaged or missing. This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product by. Substitution of parts or accessories not designated for use with this product by could result in personal injury or property damage. Contact customer care for missing or damaged parts.

1. Check to see that you have received the following parts:
NOTE: *If you are uncertain of part description, refer to exploded view illustration.*



Downrod/Hanger Ball Assembly (1)
– 12″ Downrod (1)
– Hanger Ball (1)
– Set Screw (1)
– Hairpin Clip (1)
– Clevis Pin (1)
– Pin (1)

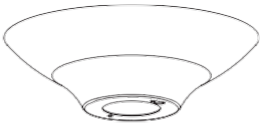
NOTE: *To ensure optimal airflow performance, the included 12-inch downrod is recommended when installing 72-inch or larger fans.*



Hanger Bracket Assembly (1)



6″ Downrod (1)



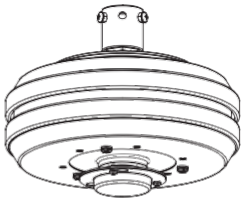
Ceiling Canopy (1)



Canopy Screw Cover Assembly (1)



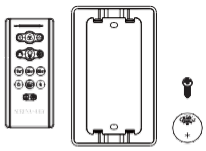
Motor Coupling Cover Assembly (1)



Motor Housing Assembly (1)



Blade Plate Assembly (1)



Hand-held Remote (1)
Wall Plate (1)
Screws (2)
Batteries (2)



Receiver (1)
Wire Connectors (9)

Hardware Bags

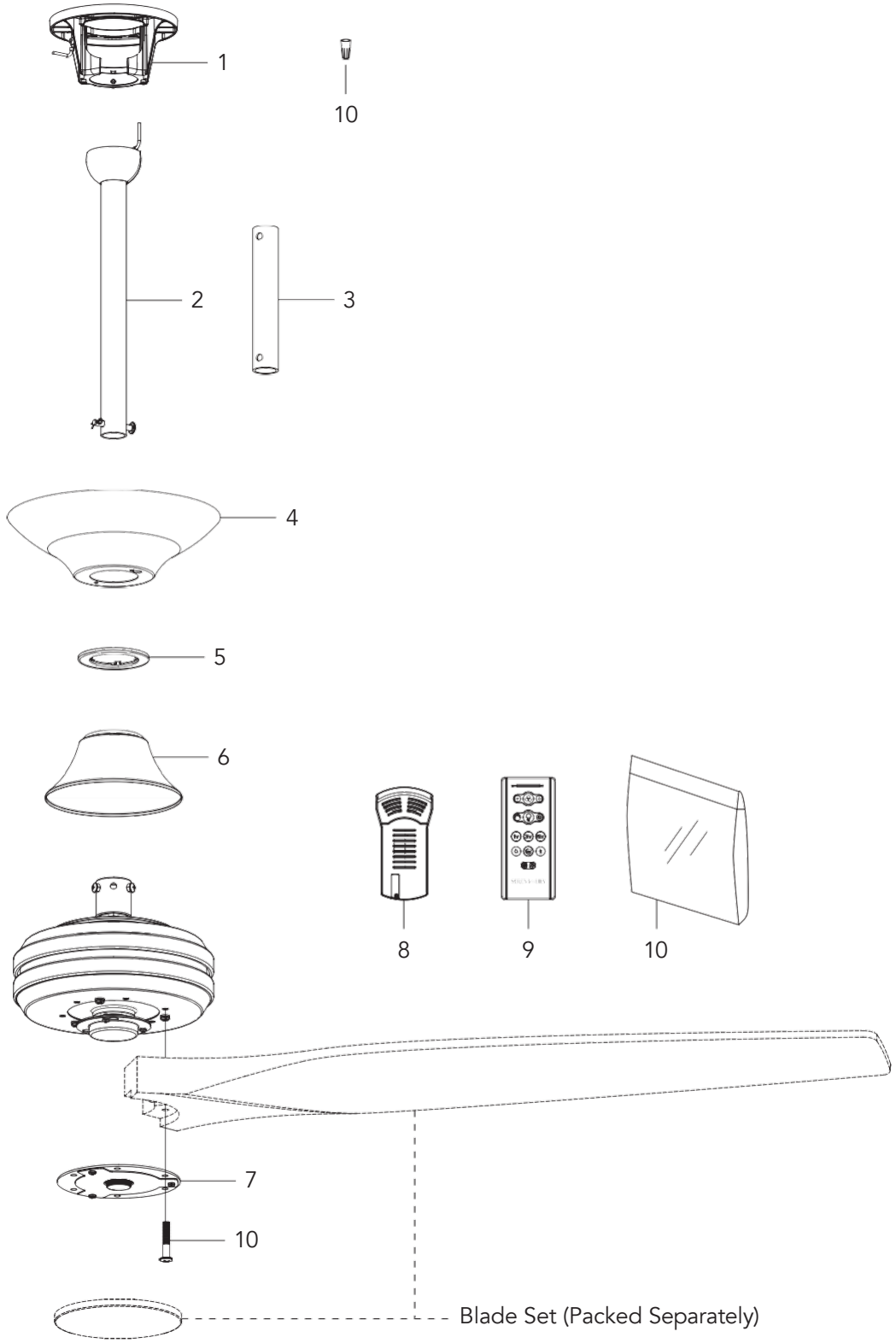


1/4″-20 Screws
(7)



Wire Connectors
(4)

Spitfire Ceiling Fan
Exploded-View Illustration



NOTE: *The illustration shown is not to scale or its actual configuration may vary. Product/parts are subject to change without notice.*

Energy Efficient Use of Ceiling Fans

Ceiling fan performance and energy savings rely heavily on the proper installation and use of the ceiling fan. Here are a few tips to ensure efficient product performance.

Choosing the Appropriate Mounting Location
Ceiling fans should be installed, or mounted, in the middle of the room and at least 7 feet from floor to the blade and 18 inches from wall to the blade. If ceiling height allows, install the fan 8 - 9 feet from floor to the blade for optimal airflow.

Turn Off When Not in the Room
Ceiling fans cool people, not rooms. If the room is

unoccupied, turn off the ceiling fan to save energy.

Using the Ceiling Fan Year Round

Summer Season: Use the ceiling fan in the counterclockwise direction. The airflow produced by the ceiling fan creates a wind-chill effect, making you "feel" cooler. Select a fan speed that provides a comfortable breeze, lower speeds consume less energy.

Winter Season: Reverse the motor and operate the

ceiling fan at low speed in the clockwise direction. This produces a gentle updraft, which forces warm air near the ceiling down into the occupied space. Remember to adjust your thermostat when using

your ceiling fan-additional energy and dollar savings could be realized with this simple step!

Electrical and Structural Requirements

Your new ceiling fan will require a grounded electrical supply line of 120 volts AC, 60 HZ, 15 Amp Circuit. Electrical code requires use of a fan-rated outlet box to support the extra weight and motion associated with a ceiling fan. A fan-rated outlet box will be labeled as such and typically supports up to a 70lb ceiling fan. Fan-Rated Outlet Boxes vary in ratings and design. Ensure the ratings of your ceiling fan outlet box meet the requirements for the ceiling fan being installed. Figure 1, Figure 2 and Figure 3 depicts different structural configurations that may be used for mounting the outlet box.

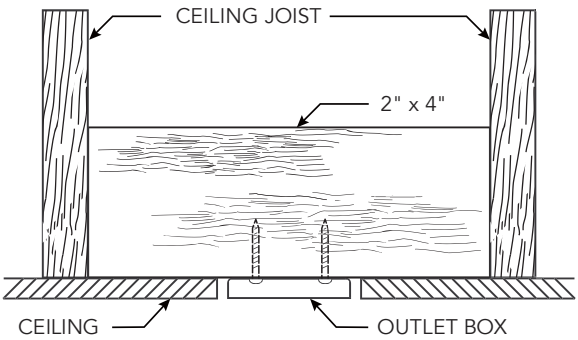


Figure 1

Low profile outlet box (Figure 1)
A 1/2-in.-deep pancake box is meant to be screwed to a joist or block. It's used if only one cable is coming into the box. It is also available in a saddle-mount configuration.

Deep outlet box (Figure 2)
A 2-1/4-in.-deep box can be attached to blocking between joists and is roomy enough to handle more than one cable.

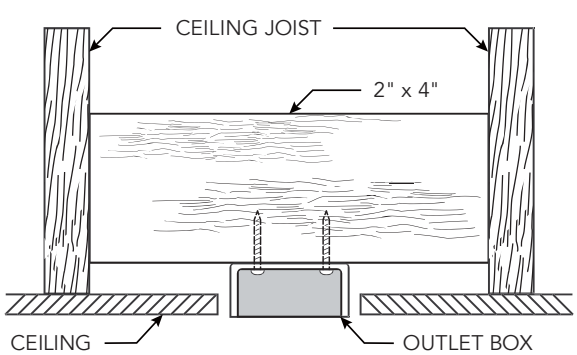


Figure 2

Electrical and Structural Requirements (Continued)

Deep outlet box with brace (Figure 3)
Paired with a deep box, this hanger is meant to span between two joists and takes the place of wooden blocking.

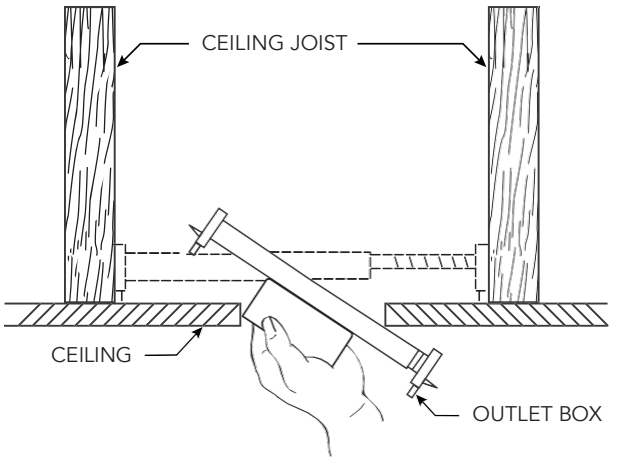


Figure 3

⚠ WARNING

To reduce the risk of fire, electric shock, or personal injury, mount to outlet box marked acceptable for fan support of 15.9 kg (35 lbs) or less and use mounting screws provided with the outlet box. Most outlet boxes commonly used for the support of luminaires are not acceptable for fan support and may need to be replaced, consult a qualified electrician if in doubt.

If your fan is to replace an existing light fixture, turn electricity off at the main fuse box at this time and remove the existing light fixture.

⚠ WARNING

Turning off wall switch is not sufficient. To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. All wiring must be in accordance with National and Local codes and the ceiling fan must be properly grounded as a precaution against possible electrical shock.

⚠ WARNING

To avoid fire or shock, follow all wiring instructions carefully. Any electrical work not described in these instructions should be done or approved by a licensed electrician.

⚠ WARNING

Do not operate this fan with a variable (Rheostat) wall controller or dimmer switch. Doing so could result in damage to the ceiling fan's remote control unit.

How to Assemble Your Ceiling Fan

☐ 1. Remove the hanger ball portion from the downrod/hanger ball assembly by loosening the set screw in the hanger ball until the ball falls freely down the downrod. Remove the pin from the downrod, then remove the hanger ball. Retain the pin and hanger ball for reinstallation in Step 6. (Figure 1)

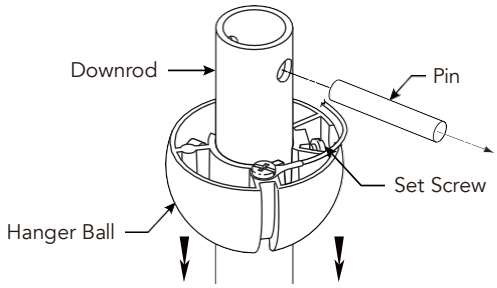


Figure 1

☐ 2. Remove the hairpin clip and clevis pin from the bottom of the downrod. Retain the pin and clip for reinstallation in Step 4. (Figure 2)

NOTE: To ensure optimal airflow performance, the included 12-inch downrod is recommended when installing 72-inch or larger fans.

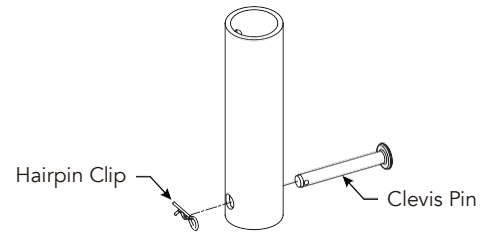


Figure 2

☐ 3. Loosen the two set screws and locking nuts in the downrod support of the motor housing assembly. Route the brown, blue, red, gray and yellow wires through the downrod. (Figure 3)

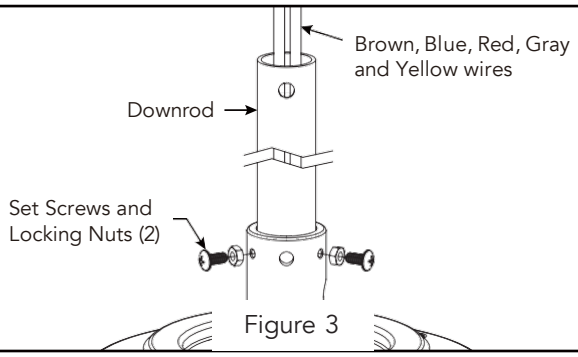


Figure 3

☐ 4. Slide downrod into the downrod support on top of the motor housing assembly. Install the clevis pin by aligning the holes in the downrod support with holes in the downrod. Secure clevis pin with hairpin clip. Tighten the two set screws with nuts in the downrod support. Securely tighten the set screws with screwdriver then fully tighten the nuts by hex wrench. (Figure 4)

⚠ WARNING

It is critical that the clevis pin in the downrod support is properly installed and the set screws and nuts are securely tightened. Failure to do so could result in the fan falling.

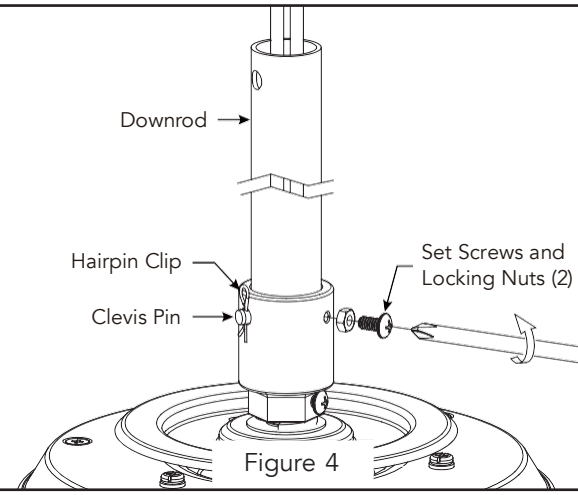


Figure 4

How to Assemble Your Ceiling Fan (Continued)

☐ 5. Route wires through motor coupling cover, canopy screw cover and ceiling canopy. (Figure 5)

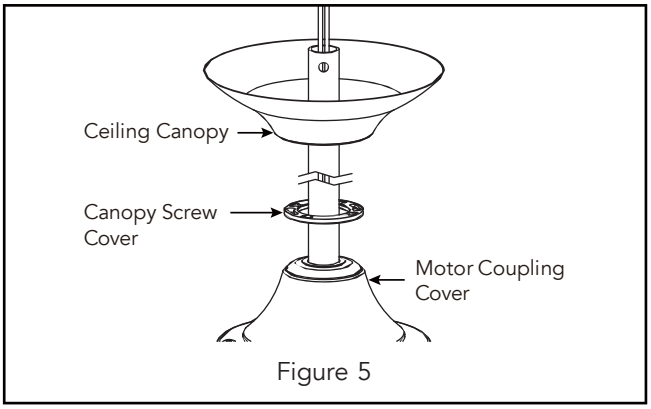
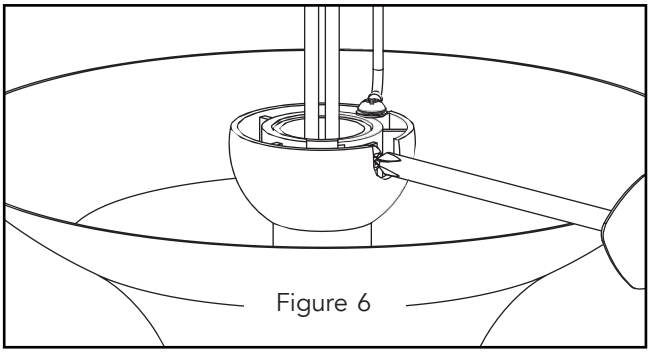


Figure 5

☐ 6. Reinstall the hanger ball on the downrod as follows. Route the brown, blue, red, gray and yellow wires through the hanger ball. Position the pin through the two holes in the downrod and align the hanger ball so the pin is captured in the groove in the top of the hanger ball. Pull the hanger ball up tight against the pin. Securely tighten the set screw in the hanger ball. A loose set screw could create fan wobble. (Figure 6)


Figure 6

☐ 7. Cut off excess lead wire approximately 6 to 9 inches above top of the downrod. Strip insulation off 1/2 inch from the end of each lead wire. (Figure 7)

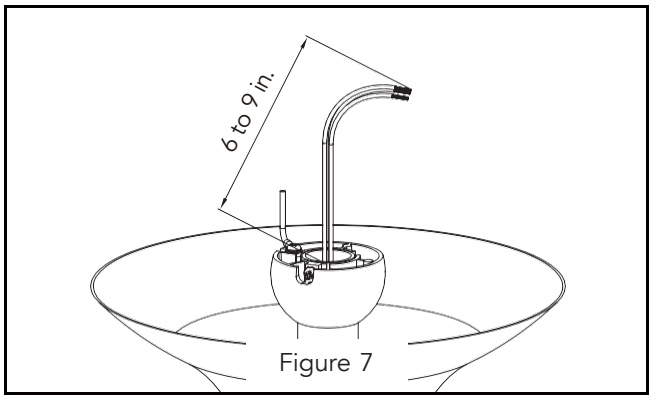


Figure 7

CAUTION

All set screws must be checked, and retightened where necessary before installation.

☐ 8. Remove one of the two shoulder screws in the hanger bracket and retain the screw for later. Loosen the second shoulder screw without fully removing it. (Figure 8)

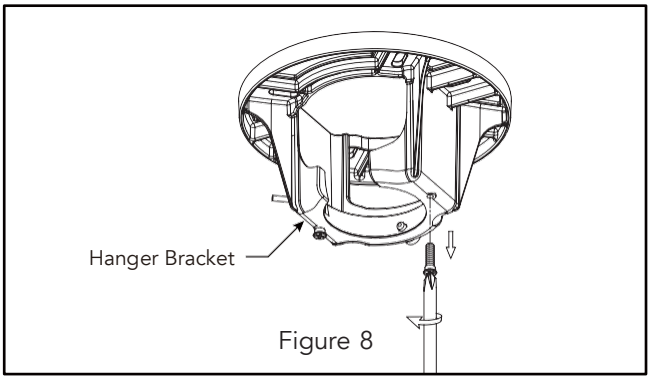


Figure 8

How to Hang Your Ceiling Fan

⚠ WARNING

To avoid possible fire or shock, be sure electricity is turned off at the main fuse box before hanging. (Figure 1)

NOTE: If you are not sure if the outlet box is grounded, contact a licensed electrician for advice, as it must be grounded for safe operation.

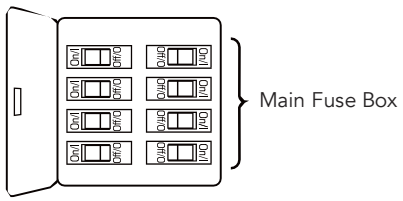


Figure 1

⚠ WARNING

The fan must be hung with at least 7' of clearance from floor to blades. (Figure 2)

CAUTION

Do not connect fan blades until the fan is completely installed. Hanging fan with blades connected may result in damage to the fan blades.

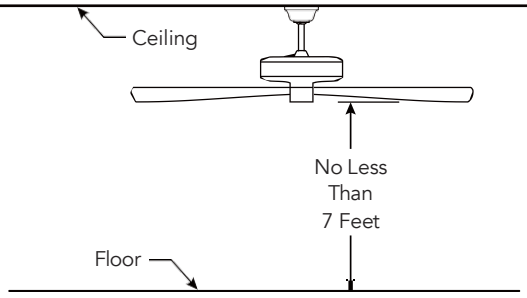


Figure 2

⚠ WARNING

The outlet box must be securely anchored and capable of withstanding a load of at least 35 lbs. Hanger bracket must seat firmly against outlet box. If the outlet box is recessed, remove wallboard until bracket contacts box. If bracket and/or outlet box are not securely attached, the fan could wobble or fall.

☐ 1. Securely attach the hanger bracket to the outlet box using the outlet box screws and washers supplied with the outlet box. (Figure 3)

NOTE: Outlet box screws pass through slotted holes of the hanger bracket. (Figure 3)

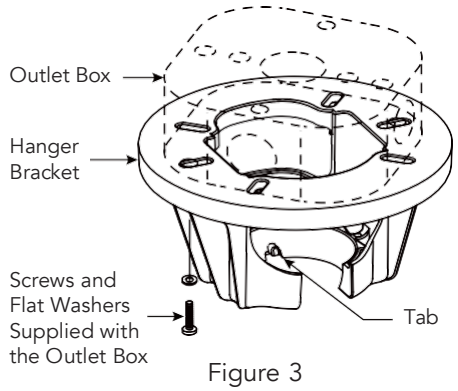


Figure 3

☐ 2. Pull the electric wires in the outlet box down through the opening in the hanger bracket and bend wires up and out of the way so that the hanger ball will easily fit into the hanger bracket.

☐ 3. Carefully lift the fan and seat the downrod/hanger ball assembly onto the hanger bracket that was just attached to the outlet box. (Figure 4)
Be sure the groove in the ball is lined up with tab on the hanger bracket. (Figure 3)

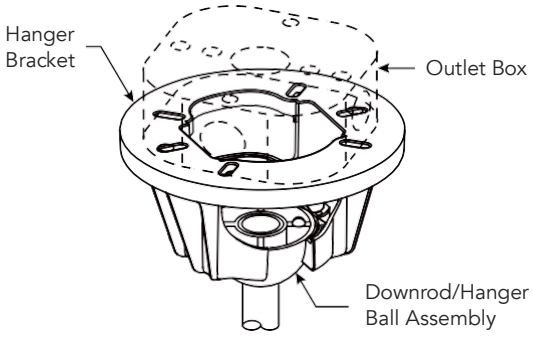


Figure 4

⚠ WARNING

Failure to seat tab in groove could cause damage to electrical wires and possible shock or fire hazard.

⚠ WARNING

To avoid possible shock, do not pinch wires between the hanger ball assembly and the hanger bracket.

How to Wire Your Ceiling Fan

NOTE: If fan or supply wires are different colors than indicated, have this unit installed by a qualified electrician.

☐ 1. To set the code on receiver unit, slide dip switches to the same positions as set on the remote control. (Figure 1)

NOTE: The remote unit has 32 different code combinations. To prevent possible interference from or to other remote units, simply change the combination code in the remote and receiver.

NOTE: Factory setting is all up. Do not use this position.

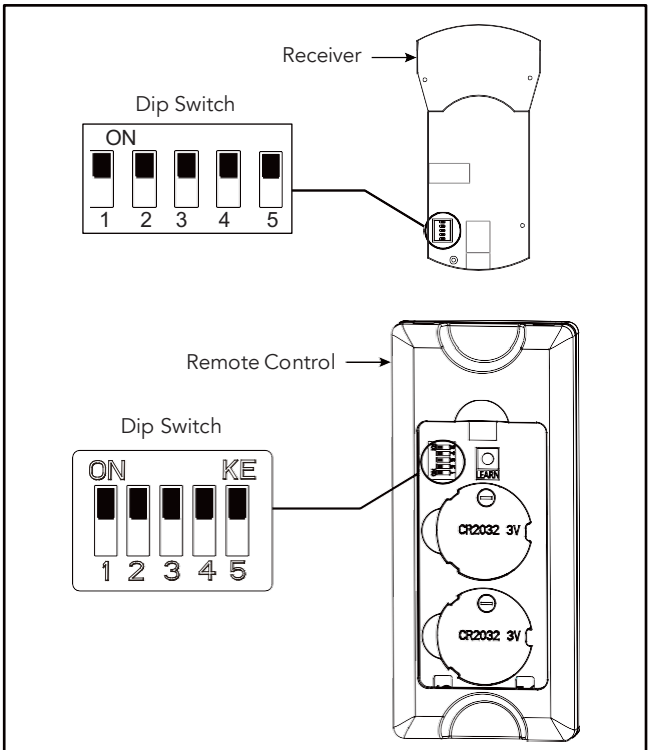


Figure 1

⚠ WARNING

To avoid possible electrical shock, be sure electricity is turned off at the main fuse box before wiring. (Figure 2)

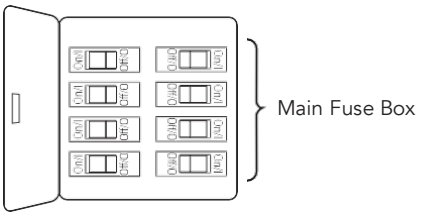


Figure 2

NOTE: If you are not sure if the outlet box is grounded, contact a licensed electrician for advice, as it must be grounded for safe operation.

☐ 2. Slide the receiver into the hanger bracket before wiring as shown in figure 3.

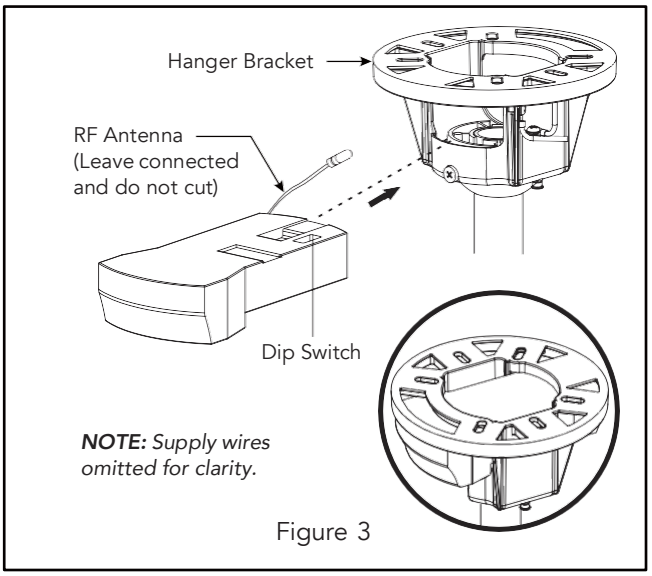


Figure 3

How to Wire Your Ceiling Fan (Continued)

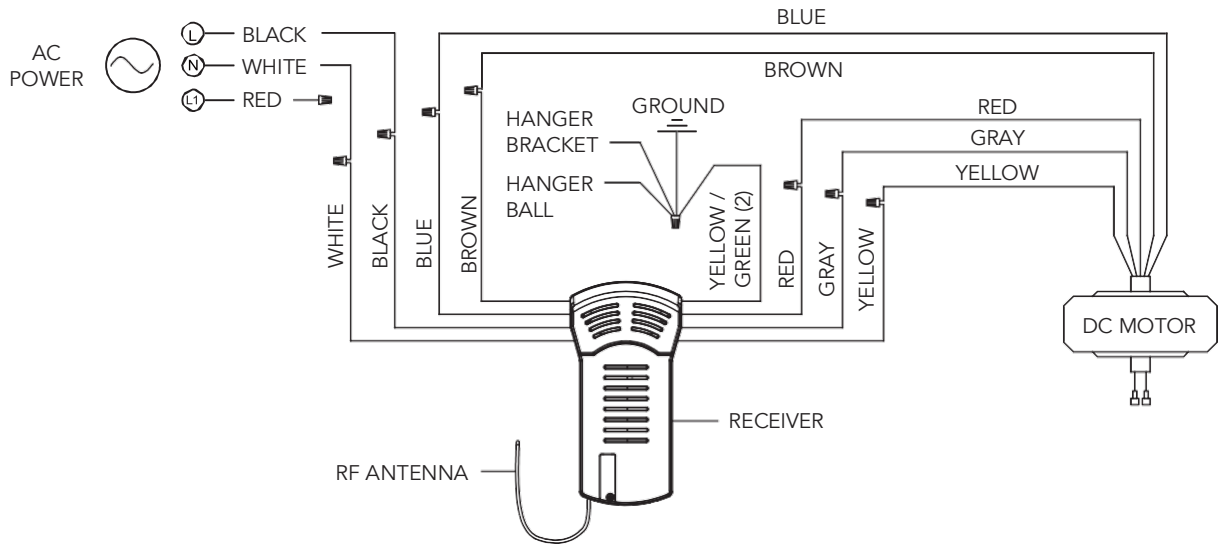


Figure 4

☐ 3. Connect wires using connectors as shown in Figure 4.

CAUTION: INCORRECT WIRE CONNECTION COULD DAMAGE THIS RECEIVER.

⚠ WARNING

Check to see that all connections are tight, including ground, and that no bare wire is visible at the wire connectors. Do not operate fan until the blades are in place. Noise and motor damage could result.

RECEIVER HARDWARE USED:

Wire Connectors  X 9

☐ 4. After connections have been made, put the white and green leads to one side and the black leads towards the other side, the connection should be turned upward and carefully push leads into the outlet box. The wires should be spread apart with the grounded conductor and the equipment-grounding conductor on one side of the outlet box and the ungrounded conductor on the other side. (Figure 5)

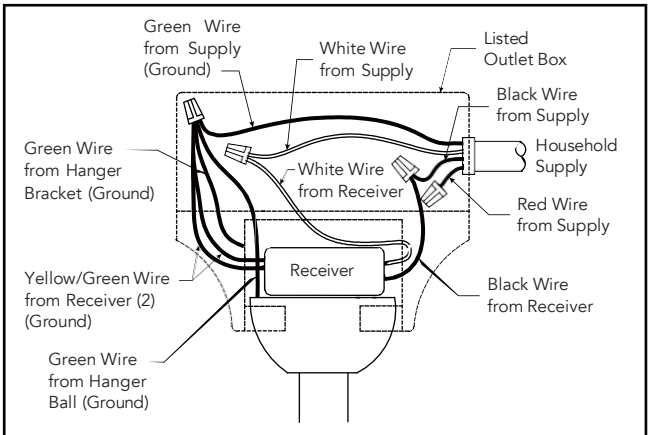


Figure 5

⚠ WARNING

The blades must be installed first before programming is performed.

How to Install Your Canopy Housing

NOTE: This step is applicable after the necessary wiring is completed.

☐ 1. Assemble canopy by rotating key slot in canopy over shoulder screw in hanger bracket, taking care not to pinch the wires. Fully assemble and tighten second shoulder screw that was previously removed, then tighten another shoulder screw. (Figure 1)

⚠ WARNING

To avoid possible fire or shock, make sure that the electrical wires are completely inside the canopy housing and not pinched between the housing and the ceiling.

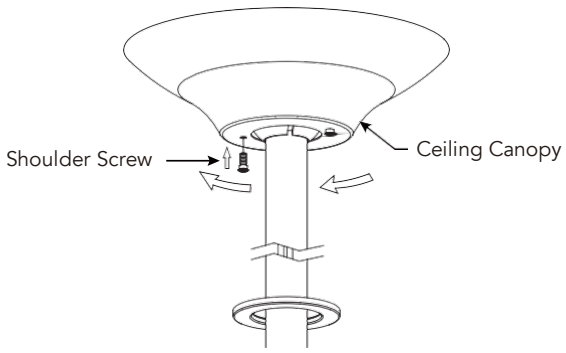


Figure 1

☐ 2. Securely attach and tighten the canopy screw cover over the shoulder screws in the hanger bracket utilizing the key slot twist-lock feature. (Figure 2)

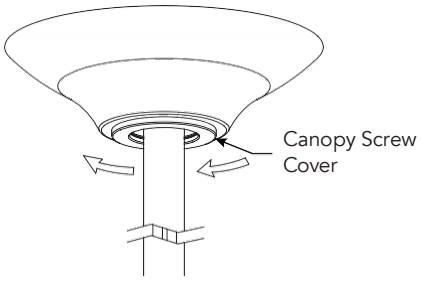


Figure 2

How to Assemble Your Ceiling Fan Blades

CAUTION

Do not connect fan blades until the fan is completely installed. Installing the fan with blades assembled may result in damage to the fan blades.

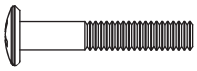
⚠ WARNING

To reduce the risk of personal injury, do not bend the blades when installing, balancing or cleaning the fan. Do not insert foreign objects in between the rotating blades.

☐ 1. Secure the three blades using the 1/4˝-20 screws and blade plate assembly through the holes located on the bottom of the motor housing assembly. (Figure 1)

NOTE: You will find the fan blade set packed in its own carton and hardware bag in the fan box.

HARDWARE USED:

1/4˝-20 Screws  X 6

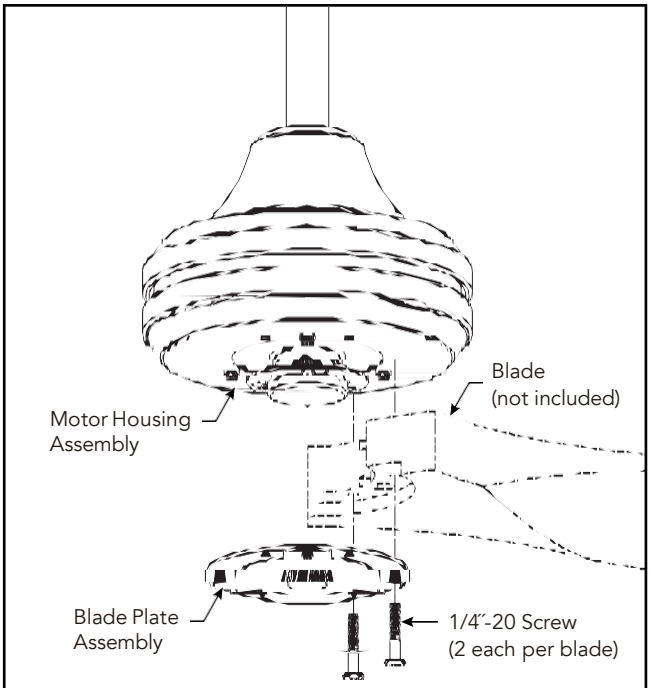


Figure 1

☐ 2. Position the trim cover onto the blade plate assembly bottom. (Figure 2)

NOTE: Trim cover is included with the blade set, not with the fan.

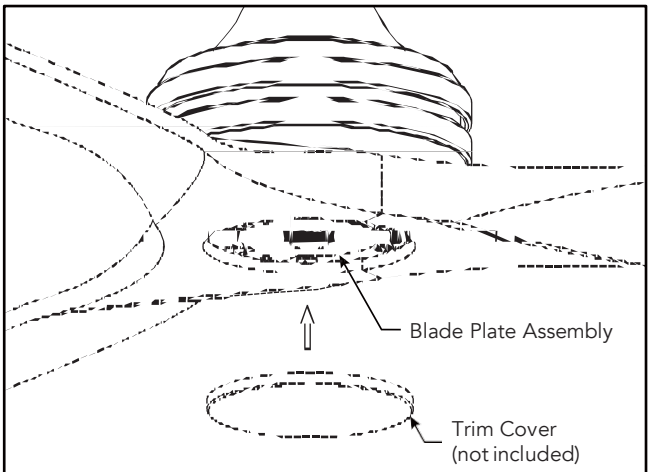
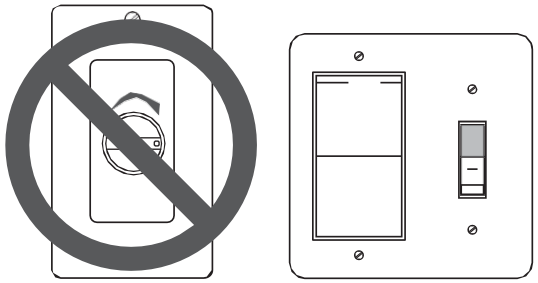


Figure 2

How to Operate Your Ceiling Fan

☐ 1. IMPORTANT: Using a full range dimmer switch (not included) to control fan speed will damage the fan. To reduce the risk of fire or electrical shock, do not use a full range dimmer switch to control the fan speed. (Figure 1)



For illustrative purposes only-not intended to cover all types of controls

Figure 1

☐ 2. Restore electrical power to the outlet box by turning the electricity on at the main fuse box. (Figure 2)

⚠ WARNING

Check to see that all connections are tight, including ground, and that no bare wire is visible at the wire connectors, except for the ground wire. Do not operate fan until the blades are in place. Noise and fan damage could result.

⚠ WARNING

Do not operate this fan with a variable (Rheostat) wall controller or dimmer switch. Doing so could result in damage to the ceiling fan's remote control unit.

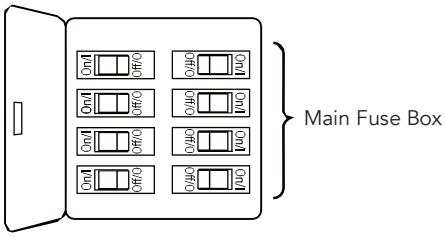


Figure 2

☐ 3. To make fan operational, remove battery insulator pull tab before use transmitter. Then, follow the remote code setting process. If not used for long periods of time, remove battery to prevent damage to transmitter. Store the remote away from excessive heat or humidly. (Figure 3)

⚠ WARNING

Chemical Burn Hazard. Keep batteries away from children.

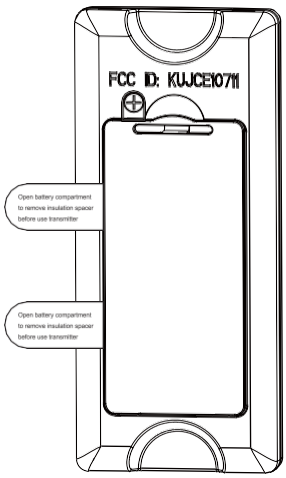


Figure 3

How to Operate Your Ceiling Fan (Continued)

☐ 4. If you need to replace the batteries. Remove the battery cover from remote control by screwdriver and retain the screw for later. (Figure 4)

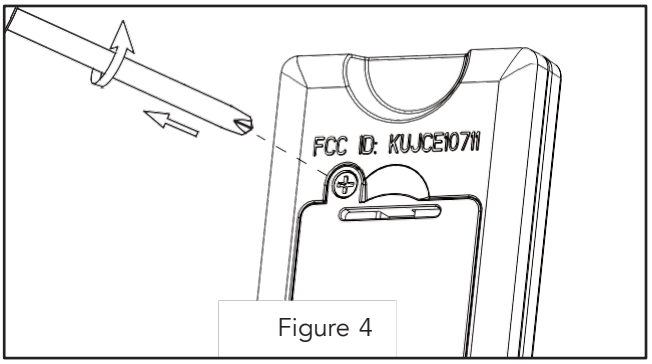


Figure 4

☐ 5. Install two 3V batteries in hand-held remote transmitter, with fan power off. (Figure 5)

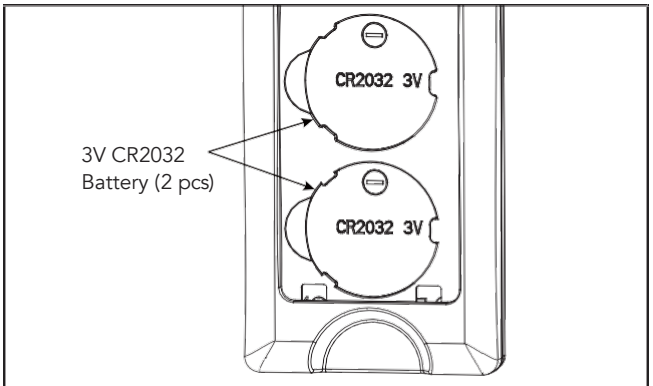


Figure 5

☐ 6. Replace battery cover on the remote control and secure with the previously removed screw. (Figure 6)

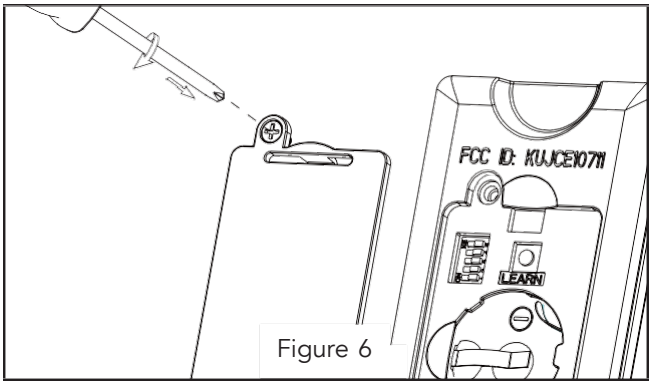


Figure 6

☐ 7. If you have multiple fans and want to program all fans to one handheld control. Slide the Dip Switches to the same position in ALL receivers as ONE handheld control, then follow Step 1 of the remote control speed set up process. Each fan needs to be no more than 30 feet from the handheld control that you would like to program. Please note the wall switch that controls the power to your fan(s) should be in the off position until you are ready to program your handheld remote(s).

☐ 8. If you have multiple fans and want to program each fan to separate handheld controls, slide the Dip Switches to the same position in both receiver and handheld control, then follow Step 1 of the remote control speed set up process below for each fan. Repeat these steps for each fan that you would like to program to a separate handheld remote. Please note that the wall switch that controls the power to your fan(s) should be in the off position until you are ready to program your handheld remote(s).

How to Operate Your Ceiling Fan (Continued)

9. To set the remote code in the same positions as the receiver, use a small screwdriver or ball point pen (neither included) to slide dip switches firmly up or down. (Figure 7)

NOTE: Factory setting is all up. Do not use this position.

NOTE: The remote unit has 32 different code combinations. To prevent possible interference from or to other remote units, simply change the combination code in the remote and receiver.

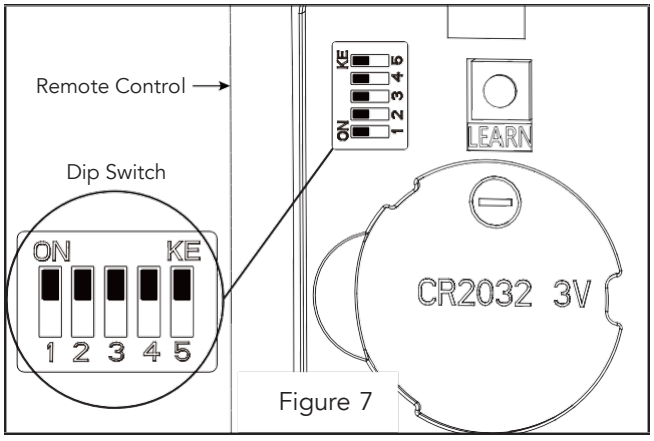


Figure 7

10. Remote Control Speed (RPM) Setting Process : (Figure 8)

NOTE: This SL6721 model has no optional light fixtures and no light functions.

1) After installing and wiring the unit, restore power to your fan by ensuring that the breaker and wall switch that controls the power supply is moved to the on position, press and hold the "LEARN" button inside of the battery compartment of the handheld remote control for 1-3 seconds.

2) You must press the "LEARN" button within 30 seconds of restoring power to the fan.

3) When restoring power to your fan at the wall switch and breaker, DO NOT press any button(s) on the handheld remote control before pressing the "LEARN" button, otherwise the fan will fail the learn procedure.

4) If you press any button(s) on the handheld remote control before pressing the "LEARN" button, please turn the wall switch that controls the power to the fan to the off position then on again, and start the process beginning with Step 1 above.

5) When you press the "LEARN" button, the fan will make one musical sound and light blink once, if equipped with a light and start to run, beginning the control set up process.

6) DO NOT press any button(s) after pressing the LEARN button while the fan is programming or it will fail to program.

7) The fan will run in forward direction for approximately 3 minutes.

8) When the fan stops running after approximately 3 minutes, the fan will make two musical sounds and light will blink twice, signaling that the handheld remote control and speed set up process is complete.

9) The fan is now ready for normal use.

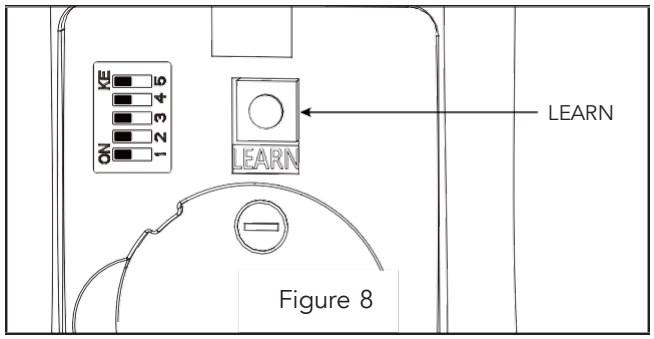


Figure 8

NOTE: If you want to change the blades: turn the power off → change the blades → turn the power on → perform the control setting process.

How to Operate Your Ceiling Fan (Continued)

☐ 11. Remote functions: (Figure 9)

LOW HI

- Indicator LED light: fan speed and light dimmer indicator
- button: Tap once to turn off the fan. Press and hold this button for 5 seconds to turn on or turn off the buzzer.
- Fan Speed:
  - △ Turn on fan and turn speed up.
  - ▽ Turn on fan and turn speed down.
- Light button: Turn ON\OFF the light.
  - Press to turn on the light and hold to dim or brighten light to desired level, then release.
  - Press this button to switch color temperature when the light is on.
- Sleep Timer: Fan must be turned on when set up timer.
  - 1hr The fan and light will turn off after 1 hour.
  - 3hr The fan and light will turn off after 3 hours.
  - 6hr The fan and light will turn off after 6 hours.
- Home Away: Tap this button, the light will blink twice signaling this feature is on; the fan will turn off and the light will randomly turn on and off while you are away. Pressing any button will cancel the feature.
- Fresh Air: Fan speed will modulate to simulate a natural breeze.
- Safe Exit: Tap once, the light will blink once; fan will stop and light will turn off after 1 minute. Pressing any button will cancel this feature.



Figure 9

- Reverse button:

In order to reverse the direction of the fan, the fan must be running.

Summer - The fan runs counterclockwise. Airflow will provide a downward cooling breeze.

Winter - The fan runs clockwise. Airflow will force warm air downward without a noticeable breeze.

How to Install Your Remote Control

☐ 1. Installing Wall Plate: (Figure 1)
Attach wall plate using the two provided screws.

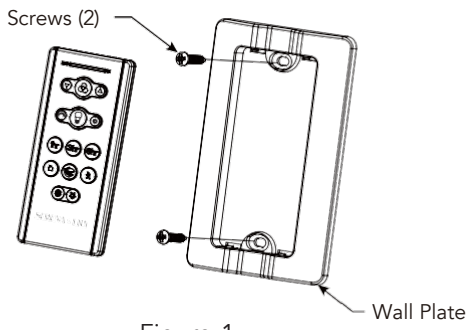


Figure 1

How to Set Up the fanSync WiFi APP

☐ 1. Visit the Apple APP Store or the Google Play Store to download the free fanSync WiFi APP. (Figure 1)



Figure 1

☐ 2. Create your account using one of the three options listed. (Figure 2)

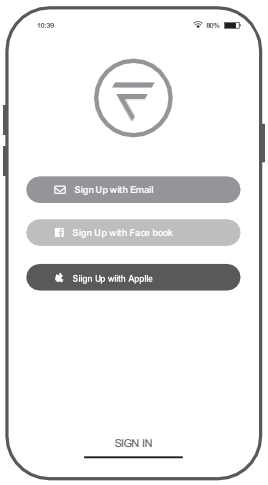


Figure 2

☐ 3. If you signed up using the email option, please check your email inbox to find the first time account set up email. Open the email and click the "Confirm" button. Please check your spam/junk folder if you cannot find the email. The email will come from "fansync@fanimation.com". (Figure 3)



Figure 3

How to Set Up the fanSync WiFi APP (Continued)

☐ 4. After you have created Fanimation fanSync account, you can add your fans in the APP. (Figure 4)

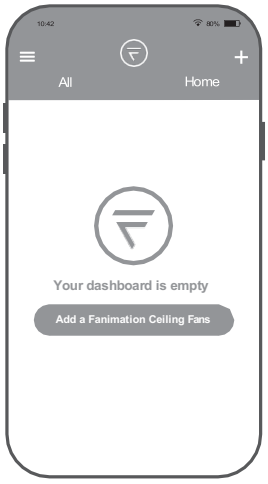


Figure 4

☐ 5. At this stage, your ceiling fan WiFi receiver should be installed and within range of your WiFi router. With the APP open, select "add device". (Figure 5)



Figure 5

NOTE: The device default WiFi SSID : Fanimation_XXXXXX (ex: Fanimation_402AD4).

☐ 6. In the WiFi settings on your smart device, select the Fanimation_XXXXXX device and return to the fanSync WiFi APP and press "CONTINUE". (Figure 6)

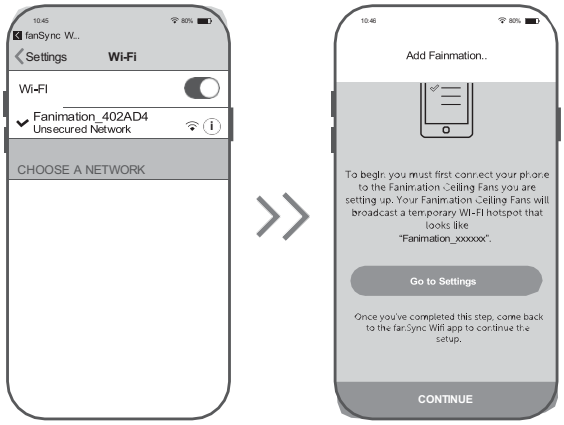


Figure 6

How to Set Up the fanSync WiFi APP (Continued)

☐ 7. Select your WiFi router and enter the WiFi password to connect your fanSync WiFi receiver. It will take 1-2 minutes to connect. After your WiFi receiver is connected, you can now name your ceiling fan in the APP and customize your settings. (Figure 7)

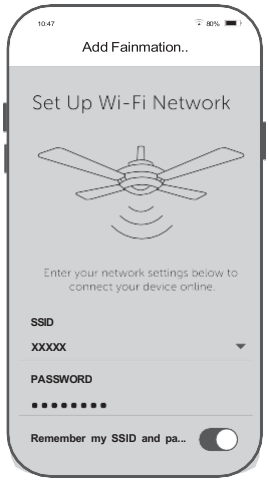
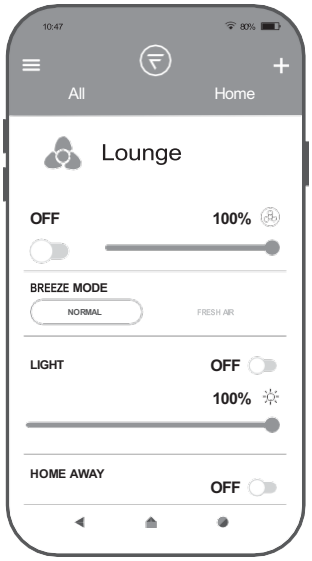
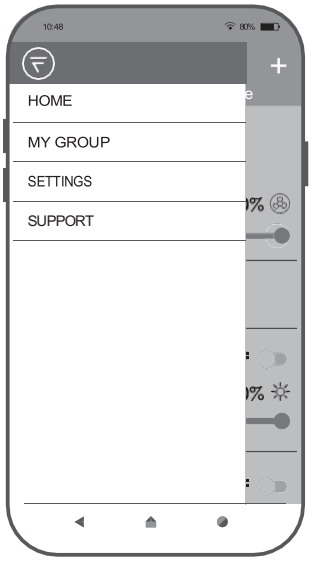
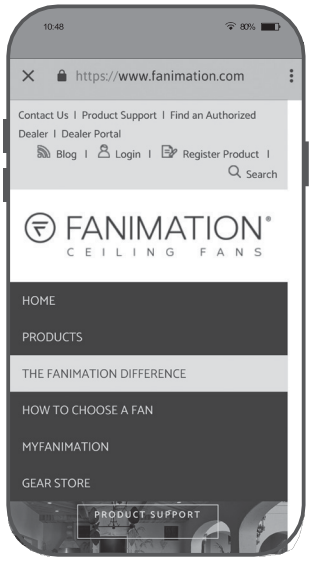


Figure 7

● fanSync WiFi APP Overview

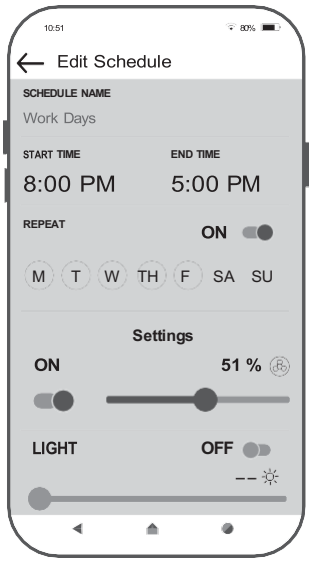






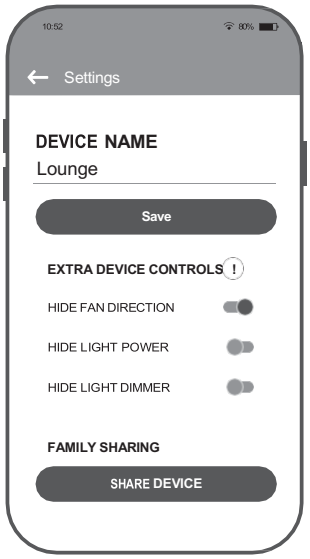
How to Set Up the fanSync WiFi APP (Continued)

- Set up Real Time Schedules



- Share Device

  After one smart device is connected to a fan, you can share the device with up to 10 users. Additional users must have the fanSync WiFi APP installed and their account created.



Voice Command Tips

This section lists some of the voice commands you can use. More Alexa/Google Home voice commands as below link.

Amazon
https://developer.amazon.com/en-US/docs/alexa/device-apis/smart-home-general-apis.html

Alexa Voice Commands

If you request to	Say "Alexa"
Turn on the fan only	Turn on the <fan name>
Turn off the fan only	Turn off the <fan name>
Turn on the light only	Turn on the <light name>
Turn off the light only	Turn off the <light name>
Change the fan speed	turn up the Speed on the <fan name> Decrease <fan name> speed
Change the brightness	increase brightness on <light name> Set <light name> to 50% dim the <light name>

Google
https://support.google.com/googlenest/answer/9298768?hl=en

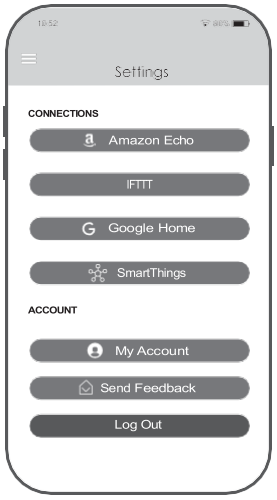
Google Voice Commands

If you request to	Say "OK Google" or "Hey Google"
Turn on the fan only	Turn on <fan name>
Turn off the fan only	Turn off <fan name>
Turn on the light only	Turn on <light name>
Turn off the light only	Turn off <light name>
Dim a light	Dim the <light name>
Brighten a light	Brighten the <light name>
Set a light brightness to a certain percentage	Set <light name> to 50%
Dim or brighten lights by a certain percentage	Dim <light name> by 50% Brighten <light name> by 30%

fanSync WiFi FAQs & Troubleshooting Tips

What is the range between the router and ceiling fan?
Depending on the strength of your WiFi signal and type of WiFi service fanSync WiFi controls have a range of up to 100 feet based on the version of the fanSync WiFi control you have. The original version has an external antenna that can be mounted outside of the ceiling fan canopy which will maximize the range up to 100 feet. The newest version has the antenna built inside of the control's case giving you a range of 50 feet.

How do I link my fanSync WiFi control with Amazon Echo, Google Home, SmartThings and IFTTT?
Open the fanSync WiFi app, in the upper left hand corner, click "Settings", under "Connections", choose the platform that you would like to connect your ceiling fan to.



Amazon Alexa Help:
https://www.amazon.com/gp/help/customer/display.html?nodeId=G3RKPNRKF33ECTW7

Google Help:
https://support.google.com/googlenest/answer/7073578?hl=en

SmartThings Help:
https://play.google.com/store/apps/details?id=com.samsung.android.oneconnect&pcampaignid=web_share

In order to connect with NEST, ECOBEE, wink, etc. you must connect via IFTTT.

IFTTT Help:
https://help.ifttt.com/hc/en-us/articles/115010325748-What-is-IFTTT-

What if I sell my home?
Simply go in to the fanSync WiFi app, select the ceiling fan that you will no longer be using, go to "settings", click on "Delete Device". You do not need to be with the fan to delete the device — as long as you have a WiFi or cellular signal, you can delete from anywhere. The new owner can now add the device in the fanSync WiFi app following the initial set up instructions.

** Please note that by deleting a device, this will also delete it from all other users the device was shared with as well any previous settings and connections to voice assistants.*

How do I reset my fanSync WiFi control?
In the fanSync WiFi app, select the ceiling fan/device that you would like to reset, go to "settings", click on "Delete Device".

- DC motor fans with a light - the light will flash twice and you will hear two beeps confirming the device that has been deleted. If you do not have a light on your ceiling fan and you previously disabled the beep function on your handheld remote, you can verify in the fanSync WiFi app that the device has been deleted from your home page.
- AC motor fans with a light - the light will flash twice confirming the device has been deleted. If you do not have a light on your ceiling fan, you can verify in the fanSync WiFi app that the device has been deleted from your home page.

You will now need to add the device again following the initial set up instructions. * Please note that by deleting a device in the app, this will also delete it from all other users the device was previously shared with as well as any previous settings and connections to voice assistants.

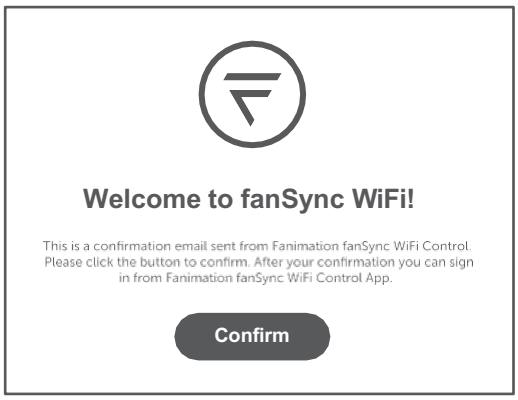
How many ceiling fans can be on the fanSync WiFi app?
There is no limit to the number of ceiling fans that can be visible in the fanSync WiFi app. You do not have to be on the same WiFi signal , they can be controlled from anywhere as long as your smart device is connected to WiFi or has as cellular signal. The wall switch to each fan must be in the on position and if there is a separate switch for the ceiling fan light kit, that must be in the on position as well. Each ceiling fan you wish to control must have a fanSync WiFi receiver installed.

fanSync WiFi FAQs & Troubleshooting Tips (Continued)

How many users can I share control of a ceiling fan with?
If you would like others to be able to control a fan, they must have the fanSync WiFi app downloaded. You can share each individual device with up to 10 users. In the app, select the fan you would like to share, select settings, share device.

Quick Troubleshooting Steps:

1. Verify that the WiFi Router that your ceiling fan is connected to is functioning/not weak.
2. Initial set up can sometimes timeout or fail due to the WiFi signal being weak. If this is the case, please contact your service provider and then try to pair your control again.
3. The wall switch that controls the power to the ceiling fan MUST ALWAYS be in the ON position. If you have a separate wall switch for your ceiling fan light, this MUST ALWAYS be in the ON position as well.
4. The wall switch used to control the power to your ceiling fan and ceiling fan light must be a true on/off rocker or toggle switch. It cannot have a dimming function of any kind.
5. Make sure that your smart device is connected to WiFi or has a cellular signal.
6. Make sure your smart device's operating software is the most current version.
7. Check for any updates available in the app, if they are available, please update your app.
8. If you chose to set up your fanSync WiFi account using the "email" option, please find the email confirmation you received and hit the "confirm" button within that email. *Please check your spam/junk folder if you cannot locate this email in your inbox.*
9. If your Router config has changed after your paired causes fanSync WiFi device unable to connect to the original Router. Please reboot the fanSync WiFi device and wait for 3 minutes then you will find the default WiFi SSID Fanimation_XXXXXXX to re-add the fanSync WiFi device with the same steps as the first time you paired the device.



Need further assistance?
Call Fanimation Customer Care at 1-888-567-2055 or email techsupport@fanimation.com

Please have the following information ready for your call or included in your email:

- WiFi service provider name
- Router Make and Model number
- Router configuration access web address or IP address
- Your current WiFi network name
- Date Code from your fanSync WiFi control
- Model #/Name of ceiling fan that you are using fanSync WiFi on
- Please go to the fanSync WiFi app, in the upper left-hand corner, click "Settings", select "Send Feedback". This will send a usage and issue log to our app developer for your devices. This can be used to identify your specific issues.

fanSync Wireless Router Guide

Fanimation fanSync WiFi Controls must pair to a 2.4GHz WiFi network. Most smart home devices like smart bulbs, video door bells, etc. use 2.4GHz, this is because the signal distance is much stronger than 5G. Once paired, you can control your ceiling fan on any WiFi network or via your cellular signal on your smart phone. For most users, pairing will be quick and simple but, depending on the type of wireless router you have, you may need a little more information to get started.

How do I find my WiFi network?
To identify your connected WiFi network(s), open the "Settings" application on your smartphone and look under "WiFi."

What type of router do I have & how do I pair it to my fanSync WiFi receiver?
If you are unsure of what type of router you have, you can enter the make and model number into an internet search engine for more information. Here are the most common router types:

Single-band Routers *Most common setup*

Many routers support only a single 2.4GHz band with a single WiFi name displayed on the WiFi screen of your smartphone. If this is your setup, you should be able to pair on this WiFi network and the fanSync Control will automatically join your network.

Dual-band/Tri-band/Mesh Routers

Many newer routers support both 2.4GHz and 5GHz bands. You can easily use Fanimation fanSync WiFi Controls on these new routers by connecting to the 2.4GHz band. There are two main types of dual-band routers — selectable dual-band and simultaneous, as well as Mesh routers.

Here is how to identify which setup you have:

Selectable Dual-band Routers
These routers let you switch between the 2.4GHz and 5GHz bands. This is likely your setup if there are two different WiFi names displayed on your smartphone's WiFi search screen (likely one ending in -2.4G and one ending in -5G). If this is your setup, you must connect to the WiFi network that ends in -2.4G to be able to pair.

Simultaneous Dual-band Routers
These routers allow use of both bands at the same time, all under a single WiFi name displayed on the WiFi search screen of your smartphone. If this is your setup, you should be able to pair on a 2.4GHz WiFi network. Reference your router's user manual to find out how to set up on a 2.4G network.

Mesh WiFi Routers
These new routers such as Eero, Nest WiFi and Orbi operate with a simultaneous dual-band, with a single WiFi name displayed on the WiFi search screen of your smart phone. If you have Eero for example: You can temporarily disable the 5GHz band by tapping on Eero App - > Settings > Troubleshooting > 'My device won't connect', then tap on "Temporarily pause 5GHz" button. This will disable 5GHz for 10 minutes, which can help pair 2.4GHz only devices.

Fanimation fanSync WiFi Controls must pair to a 2.4GHz WiFi network.

fanSync Wireless Router Guide (Continued)

What if I see only one WiFi network name but I still can't pair?
You likely have a multi-band router that supports both 2.4GHz and 5GHz bands, but the band that is setup is not 2.4GHz. You likely need to configure the two selectable bands on your router so they you can select and use the 2.4GHz band.

To configure your network you will need:

- The web configuration address for your router (usually found on the label attached to the back of the router.) This may appear as an IP Address, a series of numbers separated by periods.
  (Example: http://123.123.1.123)

You may also need:

- A photo of all the information on the back of your router (make/model, serial number, device access code, etc.) Your router manufacturer's website may require this information to guide you to the correct set up instructions and complete the set-up.
- Your current WiFi password.

Step 1

Enter the web configuration address found on the back of your router into a web browser on a device that is connected to that WiFi network (can be a phone, tablet or computer) to get to the wireless page of the router's website. Follow the manufacturer's instructions on how to configure a 2.4GHz band.

Step 2

Select the 2.4GHz setting page and set the WiFi Name (SSID) to XXX-2.4G, where XXX indicates the WiFi name you'd like. Save settings.

Step 3

Navigate to the 5GHz setting page and set the WiFi Name (SSID) to XXX-5G, where XXX indicates the WiFi name you'd like. Save settings.

By adding the -2.4/5G suffixes to your WiFi names you will be able to easily tell the two bands apart. When the settings are complete, the two new WiFi network names will appear in the WiFi settings screen of your smartphone and you can pair by joining the network that ends in "-2.4G".

NOTE: After the WiFi names are changed, you need to reconnect all of the devices that use this wireless router. The password(s) remains the same if it has not been changed.

Troubleshooting

⚠ WARNING

For your own safety turn off power at fuse box or circuit breaker before trouble shooting your fan.

Trouble	Probable Cause	Suggested Remedy
1. FAN WILL NOT START.	1. Fuse or circuit breaker blown. 2. Loose power line connections to the fan, or loose switch wire connections in the switch housing. 3. Dead battery in remote control.	1. Check main and branch circuit fuses or circuit breakers. 2. Check line wire connections to fan and switch wire connections in the switch housings. **CAUTION: Make sure main power is turned off !** 3. Replace with new battery.
2. FAN SOUNDS NOISY.	1. Blades not attached to fan. 2. Loose screws in motor housing. 3. Screws securing fan blades to motor assembly are loose. 4. Wire connectors inside housing rattling. 5. Motor noise caused by solid state variable speed control. 6. Lower housing support set screw loose.	1. Attach blades to fan before operating. 2. Check to make sure all screws in motor housing are snug (not over-tight). 3. Check to make sure the screws which attach the fan blades to the motor assembly are tight. 4. Check to make sure wire connectors in switch housing are not rattling against each other or against the interior wall of the switch housing. **CAUTION: Make sure main power is turned off !** 5. Some fan motors are sensitive to signals from solid-state variable speed controls. Solid-state controls are not recommended, choose an alternative control method. 6. Tighten set screw securely.
3. FAN WOBBLES EXCESSIVELY.	1. Setscrew in downrod support is loose. 2. Setscrew in downrod/hanger ball assembly is loose. 3. The groove hanger ball not lined up with the tab. 4. Hanger bracket and/or ceiling outlet box is not securely fastened.	1. Tighten both setscrews securely in downrod support. 2. Tighten the setscrew in the downrod/hanger ball assembly. 3. Re-hanging the hanger ball secure the tab into the groove. 4. Tighten the hanger bracket screws to the outlet box, and secure outlet box.
4. REMOTE CONTROL DOES NOT WORK. THE CONTROL INDICATOR LED IS CONSTANTLY FLASHING.	1. The battery/batteries are going to run out.	1. Please replace the battery/batteries.
5. NOT ENOUGH AIR MOVEMENT.		1. If possible, consider using a longer downrod (not included).

Maintenance

Periodic cleaning of your new ceiling fan is the only maintenance necessary.
When cleaning, use only a soft brush or lint free cloth to avoid scratching the finish.
Abrasive cleaning agents are not required and should be avoided to prevent damage to finish.

CAUTION

Do not use solvents when cleaning your ceiling fan. It could damage the motor or the blades and create the possibility of electrical shock.

How to Clean Your Ceiling Fan Blades

Periodic light dusting of the blades is recommended.
A feather duster will work best.

Avoid using water, cleansers, or harsh rags, which can warp and ruin the blades.