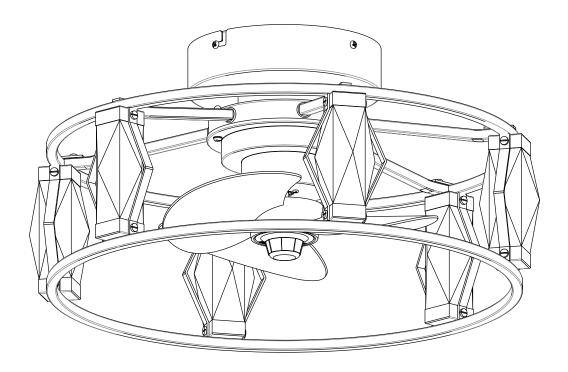
# INSTALLATION & USER MANUAL USE AND CARE GUIDE

### **CEILING FAN**

Ф20-3/4" х Н10"



### Model #31011

Customer Service: support@ceilingfanhelp.com

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### **WARNING**

#### **READ AND SAVE THESE INSTRUCTIONS**

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

- 1. Read the owner's manual and safety guidelines carefully before installing your new ceiling fan.
- 2. Before servicing or cleaning the fan, turn off the power at the service panel and lock the disconnect switch to prevent accidental activation.
- 3. Exercise caution when cleaning, painting, or working near the fan blades. Always turn off power to the fan before servicing.
- 4. Do not insert objects into the fan blades while the fan is operating.
- 5. This appliance should not be used by young children or individuals with limited physical or mental capabilities without proper supervision. Ensure they do not play with the appliance.

# **ADDITIONAL SAFETY INSTRUCTIONS**

П	the fuse box before wiring, and do not operate fan without blades.
	All wiring and installation procedures must comply with National Electrical Codes (ANSI/NFPA 70) and local
	regulations. The ceiling fan must be grounded as a precaution against possible electrical shock. Electrical installation
	should be made or approved by a licensed electrician. The fan base must be securely mounted and 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. The fan must be mounted with the fan blades at least 7 feet from the floor to prevent accidental contact with the
	ceiling fan. 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.  Suitable for use with solid-state speed controls.  This fan is to be used in indoor dry location only.  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.



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



WARNING: To reduce the risk of electric shock, this fan must be installed with a general use, isolating wall.

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.

To reduce the risk of personal injury, do not bend the blade bracket (flange or blade holder) when installing the brackets, balancing the blades, or cleaning the fan. Do not insert foreign objects in between rotating fan blades.

Mount the ceiling fan to an outlet box labeled as suitable for supporting fan loads up to 15.9 kg (35 lbs) or less.

# **ADDITIONAL SAFETY INSTRUCTIONS**



WARNING: Do not operate this fan with a variable (Rheostat) wall controller or dimmer switch.

This may result in damage to the ceiling fan's remote control.

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. If the intentional radiator can be classified as a Class B digital device or a PC peripheral, then shall include the following or equivalent:



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.

For a Class A digital device, statements of 15. 105(a) must be included when appropriate for the device in question.

### WARRANTY

Warranty Statement

We warrant the following:

Fan Motor: Lifetime warranty for defects in workmanship and materials from the date of purchase by the original purchaser.

Light Kit: Two - year warranty for defects in workmanship and materials, excluding glass or acrylic components and wooden blades.

If defects are identified within the warranty period, we will, at our discretion, repair or replace the defective product with a comparable or superior model. Proof of purchase (receipt) is required to obtain warranty service.

**Warranty Limitations** 

This warranty does not cover:

- 1. Damage caused by accidents, misuse, improper installation, or unauthorized modifications.
- 2. Changes in brass finishes due to climatic conditions, including rusting, pitting, corroding, tarnishing, or peeling.
- 3. A certain amount of wobble, which is considered normal and not a defect.

Any service performed by unauthorized personnel will void the warranty.

**Additional Terms** 

The manufacturer disclaims all other warranties, including implied warranties of merchantability or fitness for a particular purpose, to the extent permitted by law.

The warranty does not cover incidental, consequential, or special damages. Some states do not allow these exclusions, so they may not apply to you.

This warranty provides specific legal rights, and you may have other rights depending on your state. Customers are responsible for all shipping costs related to warranty claims.

# **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. Consult your breezary Retailer for optional mounting accessories.

Turn Off When Not in the Room
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 clockwise 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 counterclockwise 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**

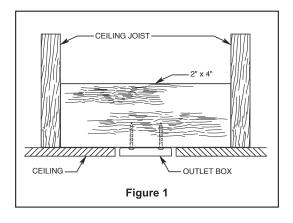
Your new ceiling fan will require a grounded electrical supply line of 120 volts AC, 60 Hz, 15 Amp Circuit. Electrical code requires use of a fan-rated outlet box to support the extra weight and motion associated with a ceiling fan. A fan-rated box will be labeled as such and typically supports up to a 70lbs 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.

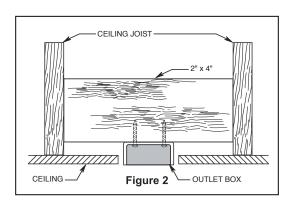
#### Low-profile use (Figure 1)

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\*profile use (Figure 2)

A 2-1 -in.-deep box can be attached to blocking between joists and is roomy enough to handle more than one cable.





# ELECTRICAL AND STRUCTURAL REQUIREMENTS (CONTINUED)

Brace Use (Figure 3):

This hanger, paired with a deep box, is designed to span between two joists, replacing the need for wooden blocking.



#### **WARNING:**

To reduce the risk of fire, electrical shock, or personal injury, mount fan to outlet box marked acceptable for fan support of 15.9 kg (35 lbs) or less. Use screws supplied with outlet box. Most outlet boxes commonly used for support of light fixtures 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 to Turn off the power 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.



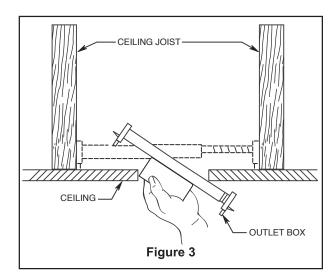
#### **WARNING:**

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. This may result in damage to the ceiling fan's remote control.



# PRE-INSTALLATION

This manual is designed to guide you through the assembly, installation, operation, and maintenance of your ceiling fan.

Do not install or operate the fan if any part is damaged or missing.

Only use the parts and accessories provided with this product.

Tools Needed for Assembly (Not Included)



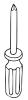
Phillips screwdriver



Wire strippers/ cutters



One stepladder



One 1/4" blade screwdriver

# **MATERIALS NEEDED**

Use wiring outlets and connectors that comply with local codes. The minimum wire requirement is a 3-conductor (2-wire with ground) of the following size:

Installed wire length Wire Size A.W.G

Up to 50 ft. 12 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.



WARNING: Before assembling your ceiling fan, refer to section on proper method of wiring your fan (page 9). If you feel you do not have enough wiring knowledge or experience, have your fan installed by a licensed electrician.

# **UNPACKING INSTRUCTIONS**

#### **PACKAGE CONTENTS**

For your convenience, check boxes are provided next to each step. As you complete each step, place a checkmark in the box. This will ensure that all steps are completed and help you find your place if interrupted.

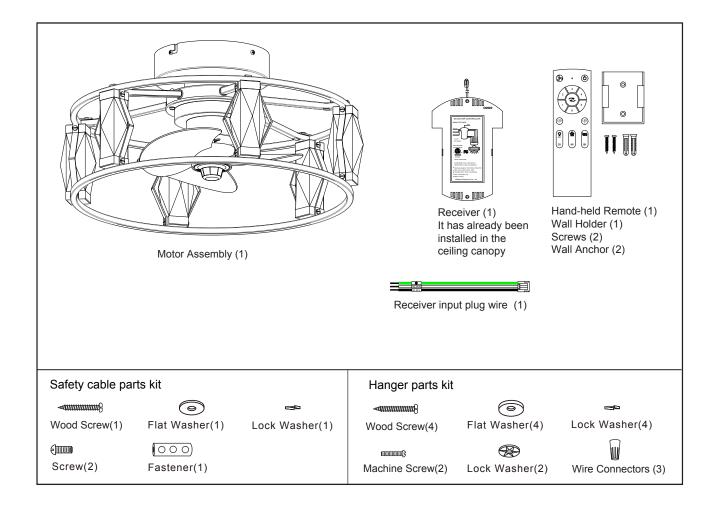


**WARNING:** Do not install or use fan if any part is damaged or missing. This product is designed to use only those parts supplied with this product and/or any accessories designated specifically for use with this product by breezary. Substitution of parts or accessories not designated for use with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

1. Check to see that you have received the following parts:



NOTE: If you are uncertain of part description, refer to exploded view illustration provided on the last page of this installation manual.



# **HOW TO HANG YOUR CEILING FAN**



#### WARNING:

It may cause a fire or electric shock, Make sure you turn off the power to the main fuse box before you hang it. (Figure 1)



#### NOTE:

If you are unsure if the outlet box is grounded, contact an electrician for help.



#### **WARNING:**

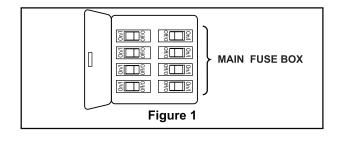
The fan must be hung with at least 7 ft. clearance from floor to ceiling fan. (Figure 2)

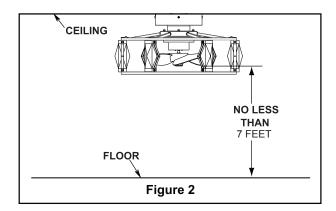
 Securely attach the hanger bracket to the outlet box using the outlet box screws and washers supplied with the outlet box. (Figure 3)



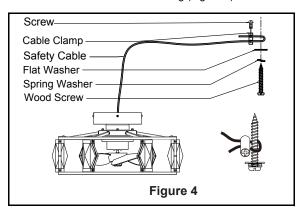
#### **WARNING:**

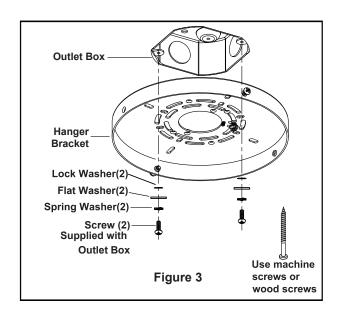
The outlet box must be securely anchored. Hanger bracket must seat firmly against outlet box. If the outlet box is recessed, remove wall board until bracket contacts box. If bracket and /or outlet box are not securely attached, the fan could wobble or fall.





☐ Attach the safety cable to the ceiling. Use a wood screw to securely fasten the safety cable directly to the wood structure of the ceiling (Figure 4)





### WIRE THE CEILING FAN



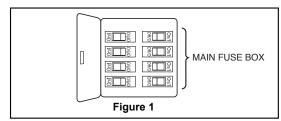
#### **WARNING:**

To avoid possible electrical shock, be sure Turn off the power at the main fuse box before wiring. (Figure 1)



#### NOTE:

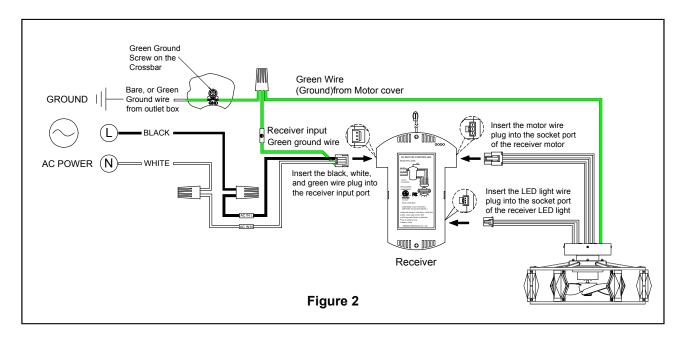
If you are not sure if the outlet box is grounded, contact a licensed electrician for advice, as it must be grounded for safe operation.



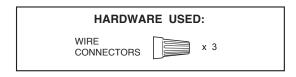
Turn off the power at the main fuse box before wiring the fan.

### WIRING YOUR CEILING FAN

**NOTE:** If you lack electrical wiring experience, consult a licensed electrician for installation.



- Insert the black, white, and green wire plug into the receiver input port.
- □ Connect green wires from receiver input ground wire and Motor cover to bare (ground) wire using wire connector, Wrap bare or green ground wire around green ground screw on the Hanger Bracket, no less than 2 inches from the end of the wire, Tighten the green ground screw.
- ☐ Connect black wire from Receiver input unit marked "AC IN L" to black supply wire using wire connector.
- □ Connect white wire from Receiver input unit marked "AC IN N" to white supply wire using wire connector.
- ☐ Connect the motor plug wire to the receiver output corresponding motor female socket. (The wire plug has already been plugged in at the factory)
- ☐ Connect the LED light plug wire to the receiver output corresponding LED light female socket. (The wire plug has already been plugged in at the factory) (Figure 2)



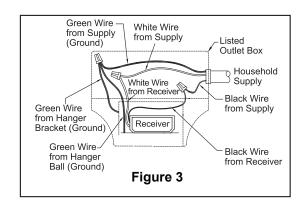
# WIRING YOUR CEILING FAN (CONTINUED)

# $\triangle$

#### **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 motor damage could result.

After connections have been made, 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 of outlet box, then turn leads upward and carefully push leads into the outlet box, with the white and green leads to one side of the box and the black leads to the other side. (Figure 3)



### **HOW TO INSTALL YOUR CANOPY HOUSING**



#### NOTE:

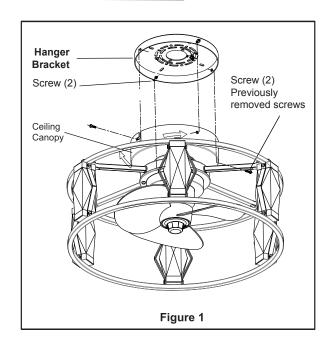
This step is applicable after the necessary wiring is completed.

☐ First screw the key hole of the ceiling canopy into the two screws of the hanger bracket, Align the canopy hole with the screw hole of the hanger, Install using the 2 screws previously removed and lock in 4 screws to fix the canopy, taking care not to pinch the wires. (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.



# **HOW TO OPERATE YOUR CEILING FAN**

☐ IMPORTANT: Do not use a full - range dimmer switch to control fan speed.

This may damage the fan or cause fire/electrical shock. (See Figure 1)

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



#### **WARNING:**

Ensure all connections are secure, with no exposed wires except the ground wire. Donot operate the fan without blades installed.



#### **WARNING:**

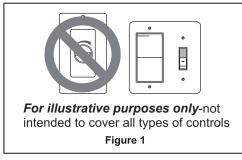
Do not operate this fan with a variable (rheostat) wall controller or dimmer switch. Doing so may damage the ceiling fan's remote control.

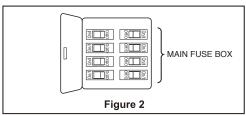
☐ To make fan operational, Install two 1.5V AAA batteries. battery not included (If not used for long periods of time, remove battery to prevent damage to transmitter). Store the remote away from excessive heat or humidly. (Figure 3)

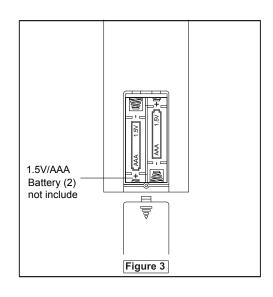


#### **WARNING**

To reduce the risk of fire or electrical shock, this fan should only be used with fan speed control part No.: FDC-2436







# **HOW TO OPERATE YOUR CEILING FAN (CONTINUED)**

#### ☐ Remote functions: (Figure 4)

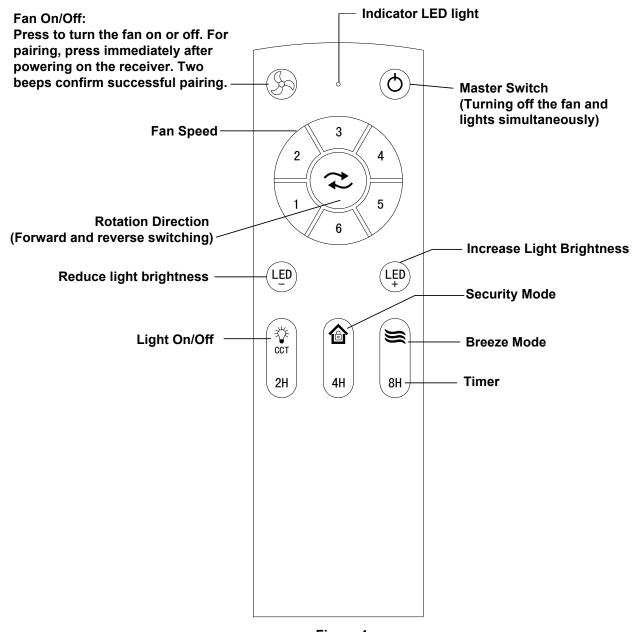


Figure 4

Fan On/Off: Press to turn the fan on or off. For pairing, press immediately after powering on the receiver. Two beeps confirm successful pairing.

LED Indicator: Displays the fan's status. Fan Speed: Adjusts the fan speed (6 levels).

Rotation Direction: Switch between forward and reverse airflow. Security Mode: Activates a periodic light cycle to simulate occupancy.

Breeze Mode: Simulates natural airflow patterns.

Timer: Set the fan to turn off after 2, 4, or 8 hours.

Master Switch: Turns off both the fan and light simultaneously.

# **Fan Operation Instructions**



**NOTE:** Allow the fan to come to a complete stop before changing blade direction.

If airflow is desired in the opposite direction,
Press the F/R button again. (Figure 5)

Fan forward and reverse switching				
Season	Direction			
Summer	Clockwise			
Winter	Counterclockwise			

Summer (Forward): Downward airflow creates a cooling effect (Figure 6).

This allows higher air conditioner settings while staying comfortable.

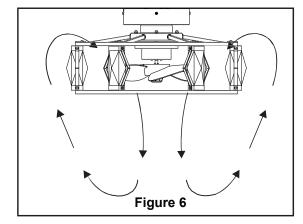


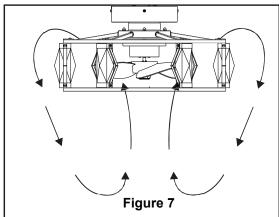
Figure 5

Rotation direction button

(b)

☐ Winter (Reverse): Upward airflow circulates warm air from the ceiling (Figure 7).

This allows lower heater settings while maintaining comfort.



# **MAINTENANCE**

 Maintenance: Clean the fan periodically with a soft brush or lint - free cloth to prevent scratches.
 Avoid abrasive cleaners to protect the finish.



#### CAUTION

Caution: Avoid water during cleaning to prevent motor or finish damage and electrical shock.

# **TROUBLESHOOTING**



#### WARNING

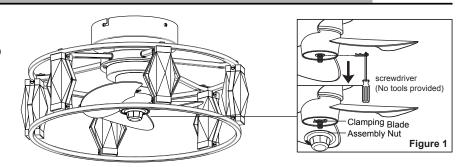
For your own safety turn off power at fuse box or circuit breaker before trouble shooting your fan.

TROUBLE	PROBABLE CAUSE	SUGGESTED REMEDY
1. FAN NOT WORK	<ul><li>Blown fuse or tripped circuit breaker.</li><li>Loose wire connections.</li><li>Dead remote control battery.</li></ul>	- Reset fuse or circuit breaker.  - Secure all connections (ensure power is off).  - Replace the remote battery.
2. FAN SOUNDS NOISY	- Loose screws in motor housing Rattling wire connectors.	- Tighten motor housing screws (do not overtighten).  - Secure wire connectors (turn off power first).
3. FAN WOBBLES EXCESSIVELY	- Loose setscrews in downrod or hanger ball.  - Loose hanger bracket or outlet box.	- Tighten setscrews securely.  - Secure hanger bracket and outlet box screws.

# REPLACEMENT AND DISASSEMBLY DIAGRAM OF FAN BLADES.

☐ Please wipe blades with dry cloth.

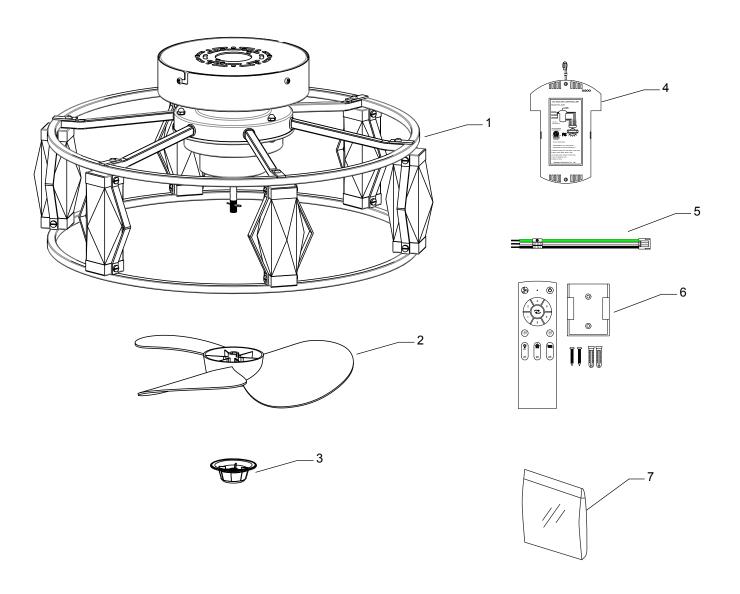
Do not wash with water. (Figure 1)



# PARTS LIST MODEL NO. 31011\*\*

Reference #	Description	Part #
1	Motor Assembly	
2	Fan Bblade	
3	Fan Nut Cover	
4	Receiver	
5	Receiver Input Plug wire	
6	Remote	
	Hardware Bags Containing:	
7	Install the Hanger Parts kit	
	Safety Cable Parts kit	

# **EXPLODED REVIEW ILLUSTRATION**





#### NOTE:

The illustration shown is not to scale or its actual con guration may vary. Product/parts are subject to change without notice.