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reiga 54YFT-836-HP

reiga 54-inch Smart Ceiling Fan User Manual

Model: 54YFT-836-HP

1. Introduction

Thank you for purchasing the reiga 54-inch Smart Ceiling Fan. This fan features a high-efficiency DC motor for quiet operation and energy savings, an integrated dimmable LED light, and multiple control options including a remote control and smart app compatibility with Google Assistant and Alexa. This manual provides detailed instructions for installation, operation, and maintenance to ensure safe and optimal performance of your ceiling fan.



Image 1.1: Overview of the reiga 54-inch Smart Ceiling Fan.

2. Safety Information

Please read all safety instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or personal injury.

- **Electrical Safety:** Ensure the power supply is disconnected at the circuit breaker before installation or servicing. All wiring must be in accordance with national and local electrical codes.
- **Mounting:** The mounting structure must be capable of supporting the weight of the fan (approximately 8.32 kg). Ensure the fan is securely attached to a ceiling joist or a suitable outlet box marked 'Acceptable for Fan Support'.
- **Blade Clearance:** Maintain a minimum clearance of 7 feet (2.1 meters) from the floor to the bottom edge of the fan blades. Ensure there is adequate clearance from walls and other obstructions.
- **Assembly:** Do not bend the blade holders during assembly or installation. Check all connections are tight and secure.
- **Operation:** Do not insert objects into the path of the fan blades. Do not operate the fan if any part is damaged.

- **Light Kit:** The light kit is integrated. Do not attempt to modify or replace the LED components.

3. Package Contents

Verify that all components are present before beginning installation:

- Ceiling Fan Motor Assembly
- Fan Blades (5)
- Light Kit (Integrated)
- Remote Control
- Remote Holder
- Down-rods (6-inch and 10-inch)
- Mounting Bracket
- Hardware Pack (screws, washers, wire nuts)
- Balancing Kit
- User Manual

4. Installation Guide

Important: Before starting, ensure the power to the circuit breaker is turned OFF to prevent electrical shock.

1. **Prepare the Light Kit:** Assemble the light and its cover to the fan motor housing. This typically involves securing the light kit with screws and twisting on the plastic diffuser.
2. **Assemble the Down-rod:** Select the appropriate down-rod (6-inch or 10-inch) for your ceiling height. Thread the fan wires through the down-rod. Attach the canopy, coupling cover, and any decorative rings onto the down-rod in the correct order and orientation as shown in the diagrams. Secure the down-rod to the fan motor assembly.
3. **Attach Fan Blades:** Securely screw each of the five fan blades to the blade holders on the motor assembly. Ensure all screws are tightened.
4. **Install Mounting Bracket:** Attach the mounting bracket to the ceiling outlet box. Ensure the outlet box is rated for fan support.
5. **Wire Connections:** Carefully lift the fan assembly and hang it on the mounting bracket hook (if available). Connect the electrical wires: ground to ground, white (neutral) to white, and black (hot) to black. Use the provided wire nuts and ensure connections are secure.
6. **Position Receiver Box:** If your fan includes a separate receiver box for the remote control, carefully slide it into the space above the mounting bracket and canopy, ensuring it does not interfere with the fan's rotation or wiring.
7. **Secure Canopy:** Lift the canopy up to the ceiling and secure it to the mounting bracket with the provided screws. Ensure all wires are tucked neatly inside the canopy.
8. **Power On and Test:** Restore power at the circuit breaker. The light should automatically turn on. Test the fan at various speeds to check for proper operation and balance. If the fan wobbles, use the included balancing kit according to its instructions.

5. Operating Instructions

5.1 Remote Control Functions

The included remote control allows for convenient operation of your ceiling fan and light.



Image 5.1: Remote control for the reiga Smart Ceiling Fan.

- **Power Button:** Turns the fan and light ON/OFF.
- **Fan Speed Buttons (1-6):** Adjusts the fan speed from 1 (lowest) to 6 (highest).
- **Light ON/OFF Button:** Turns the light ON or OFF independently of the fan.
- **Light Dimming Buttons:** Adjusts the brightness of the LED light (up/down arrows).
- **Light Color Temperature Buttons:** Cycles through different light color temperatures (e.g., Warm White, Cool White, Full Light).
- **Timer Buttons (1H, 3H, 6H):** Sets the fan to automatically turn off after 1, 3, or 6 hours.
- **Reverse Function Button:** Changes the direction of the fan blades for summer or winter mode.

5.2 Smart App Control (Alexa/Google Assistant)

Your reiga ceiling fan is compatible with smart home systems. Download the appropriate smart app (e.g., Smart Life) and

follow the in-app instructions to connect your fan. This allows for control via your smartphone or voice commands through Alexa or Google Assistant.



Image 5.2: Smart App interface for scheduling and timer functions.

5.3 Reversible Function

The fan features a reversible motor for year-round comfort. Use the reverse button on the remote to change blade direction.

- **Summer Mode (Counter-clockwise):** Downward airflow creates a cooling effect.
- **Winter Mode (Clockwise):** Upward airflow circulates warm air trapped near the ceiling.



Image 5.3: Reversible function for seasonal comfort.

5.4 Light Control

The integrated LED light offers adjustable brightness and color temperature.

- **Brightness:** Dimmable from 1% to 100% using the remote or app.
- **Color Temperature:** Choose from 2700K (Warm White), 3000K (Neutral White), and 4000K (Cool White) to suit your preference.

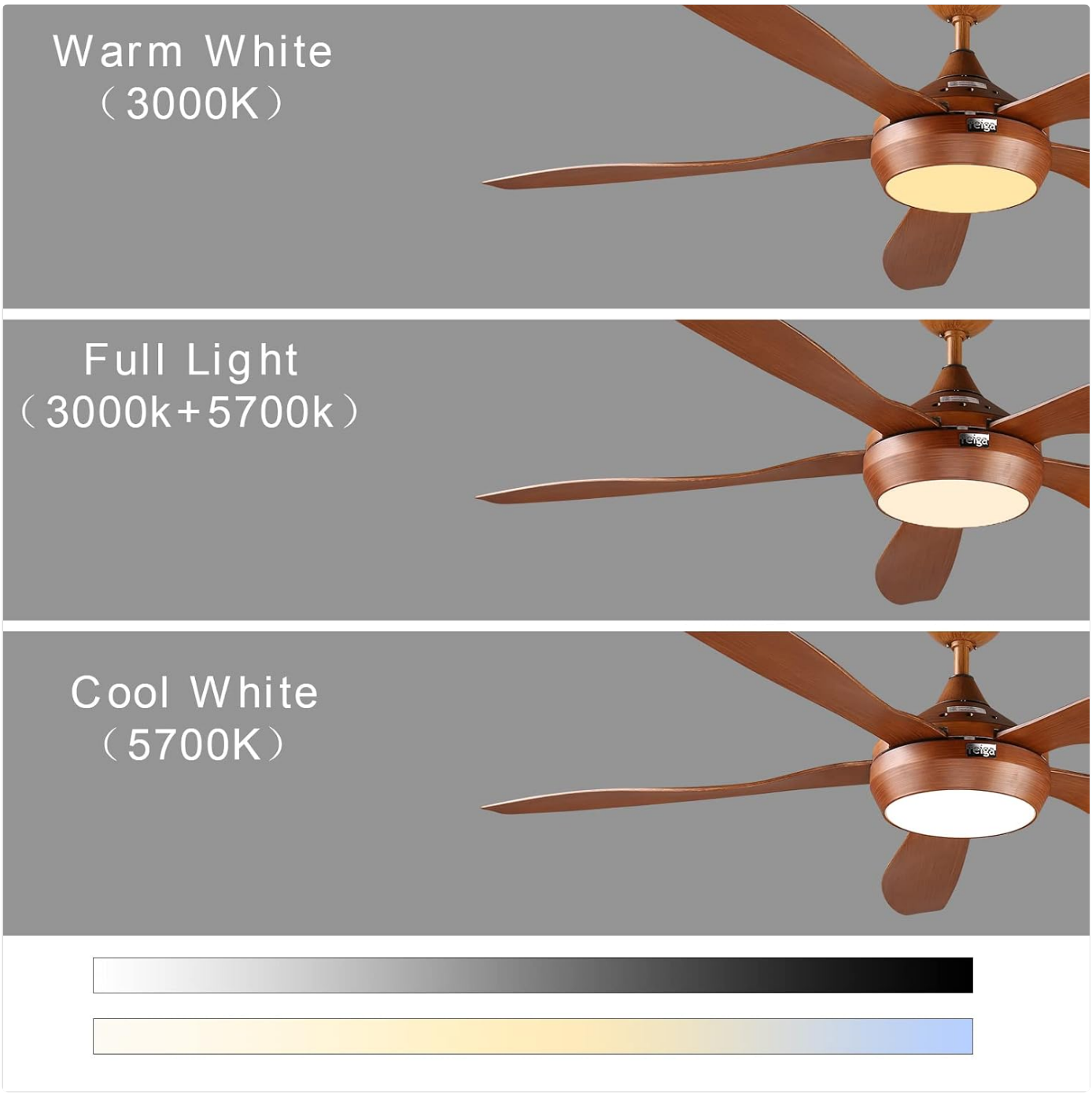


Image 5.4: Adjustable light color temperatures.

6. Maintenance

Regular maintenance ensures the longevity and optimal performance of your ceiling fan.

- **Cleaning:** Periodically clean the fan blades and motor housing with a soft, damp cloth. Do not use abrasive cleaners or solvents. Ensure power is off before cleaning.
- **Tighten Fasteners:** Check all screws and fasteners on the fan blades, down-rod, and mounting bracket annually. Tighten any loose connections.
- **Blade Balance:** If the fan develops a wobble, use the included balancing kit to re-balance the blades.
- **Light Kit:** The LED light source is designed for long life and is not user-serviceable.

7. Troubleshooting

Refer to this section for common issues and their solutions.

Problem	Possible Cause	Solution
Fan does not start	No power to the fan; Loose wire connections; Remote control battery low or not paired.	Check circuit breaker; Ensure all wire connections are secure; Replace remote battery or re-pair remote.
Fan wobbles	Loose blade screws; Unbalanced blades; Loose mounting bracket.	Tighten all blade screws; Use the balancing kit to balance blades; Ensure mounting bracket is securely fastened.
Light does not work	Loose wire connection to light kit; Remote control battery low; Faulty LED driver.	Check light kit wiring; Replace remote battery; Contact customer support if LED driver is suspected.
Remote control not responding	Low battery; Remote not paired; Obstruction between remote and receiver.	Replace remote battery; Re-pair remote control with the fan (refer to pairing instructions, usually power cycle and press a button); Ensure clear line of sight.
Fan makes noise	Loose screws; Motor hum; Blades hitting an obstruction.	Check and tighten all screws; DC motors are generally quiet, but a slight hum is normal; Ensure no obstructions are near blades.

8. Product Specifications

Feature	Specification
Brand	reiga
Model Number	54YFT-836-HP
Size	54 inches
Number of Blades	5
Motor Type	DC Motor
Air Flow Capacity	7700 Cubic Feet Per Minute (CFM)
Wattage	35 Watts
Voltage	120 Volts
Light Type	Integrated Dimmable LED
Light Color Temperatures	2700K, 3000K, 4000K
Control Method	Remote Control, Smart App (Alexa/Google Assistant compatible)
Down-rod Lengths	6 inch, 10 inch
Indoor/Outdoor Usage	Indoor

Feature	Specification
Item Weight	8.32 kg
Dimensions (LxWxH)	132.1 x 132.1 x 36.8 Centimeters
Certification	FCC

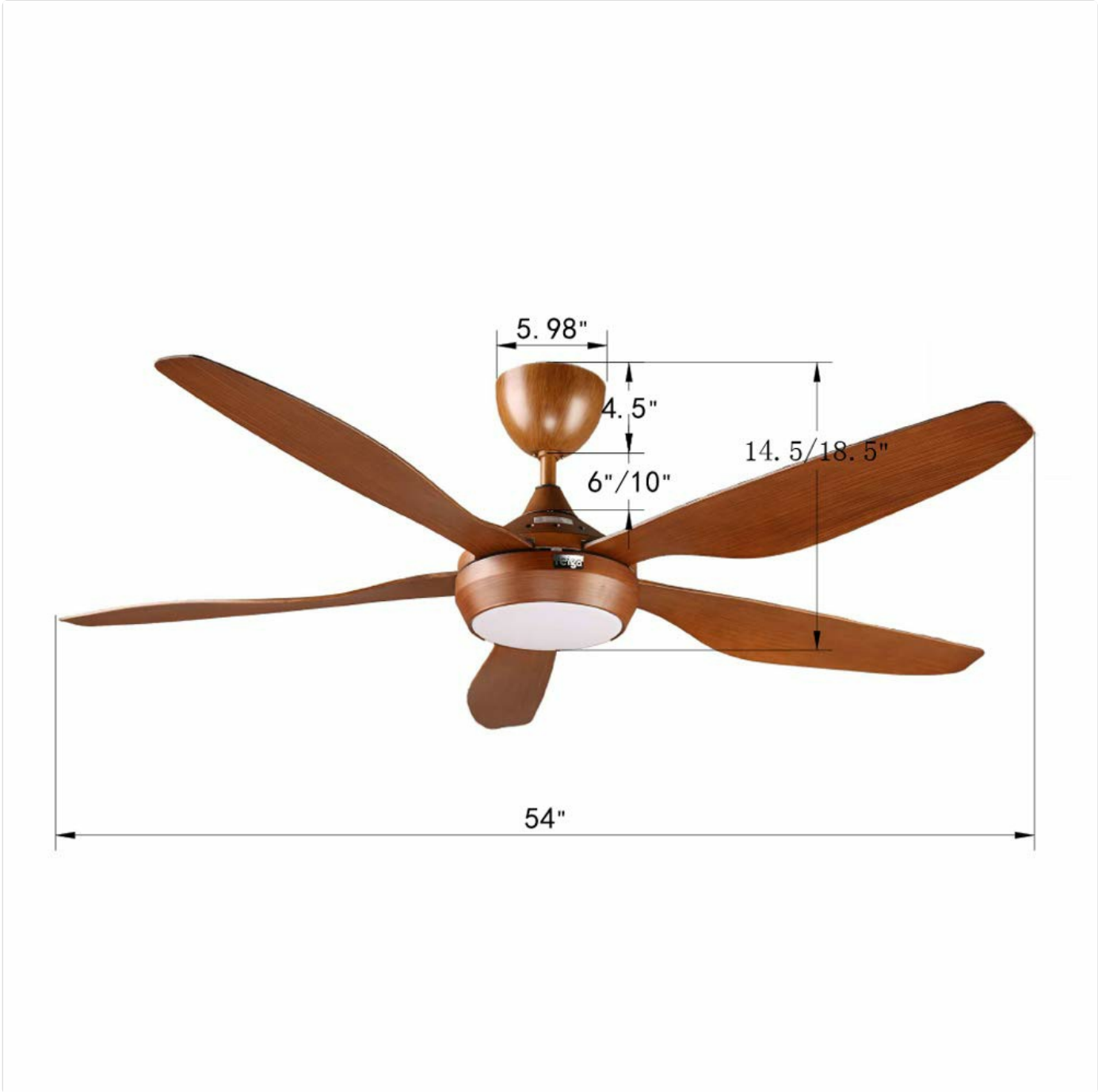


Image 8.1: Fan dimensions.

9. Warranty and Support

For warranty information or technical support, please contact reiga customer service. Keep your purchase receipt as proof of purchase.

Manufacturer: reiga

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