VONLUCE CFN310-002

VONLUCE CFN310-002 52-inch Ceiling Fan with Light Instruction Manual

Model: CFN310-002

1. Introduction

Thank you for choosing the VONLUCE CFN310-002 52-inch Ceiling Fan with Light. This modern ceiling fan is designed to provide comfort and illumination to your living spaces. It features a quiet DC motor, reversible blades for year-round use, 6 adjustable speeds, and a customizable LED light with remote control. Please read this manual thoroughly before installation and operation to ensure safe and efficient use of your new ceiling fan.

2. Safety Information

WARNING: To reduce the risk of fire, electric shock, or personal injury, always follow these basic precautions:

- Read all instructions carefully before installing and operating the fan.
- Ensure the installation location is suitable for a ceiling fan and can support the fan's weight.
- All electrical connections must be performed by a qualified electrician and comply with local codes and ordinances.
- Disconnect power at the main circuit breaker before installation or servicing.
- Do not expose the fan to rain or direct sunlight. This fan is designed for indoor use only.
- Ensure the fan blades are at least 2.3 meters (7.5 feet) from the floor and 0.6 meters (2 feet) from any wall or obstruction.
- Never insert objects into the path of the fan blades while the fan is operating.
- Do not attempt to repair or modify the fan yourself. Contact qualified service personnel for repairs.

3. Package Contents

Before beginning installation, ensure all components are present and undamaged. If any parts are missing or

damaged, contact customer service.

- Ceiling Fan Motor Housing
- Fan Blades (3)
- LED Light Kit
- Remote Control
- Downrods (12.5 cm and 25 cm options)
- Mounting Bracket
- Hardware Pack (screws, washers, wire nuts)
- Instruction Manual

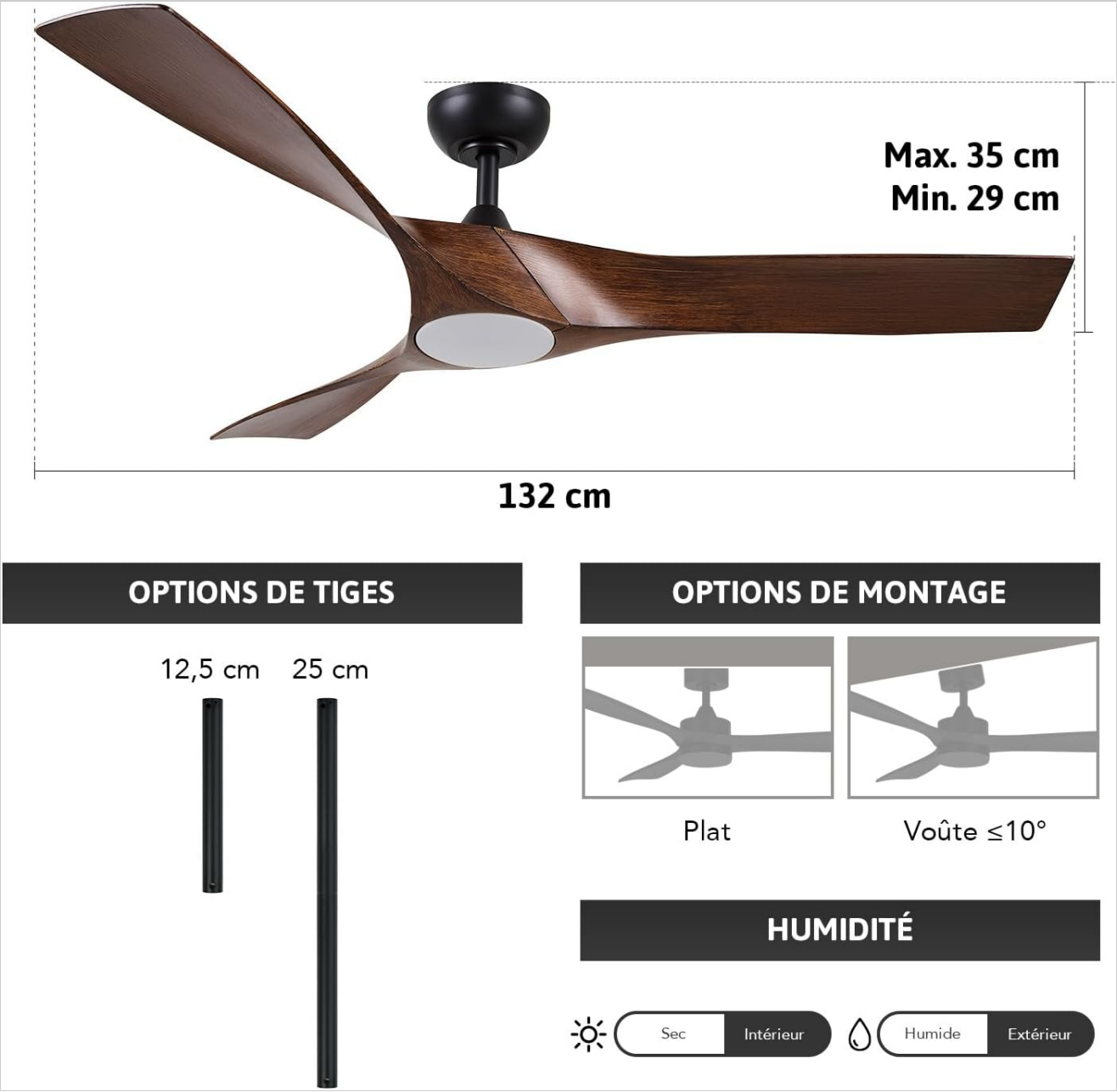


Image: Fan dimensions (132 cm width, 29-35 cm height) and available downrod lengths (12.5 cm, 25 cm). Also illustrates flat and vaulted ceiling mounting options (up to 10° incline).

4. Setup and Installation

Installation of this ceiling fan requires basic electrical knowledge. If you are unsure, consult a qualified electrician.

The fan is suitable for ceilings with an incline up to 10 degrees.

4.1 Tools Required

- Phillips screwdriver
- Flathead screwdriver
- Adjustable wrench
- Wire strippers
- Electrical tape
- Step ladder

4.2 Installation Steps

1. **Turn off Power:** Before starting, ensure the power supply to the installation location is turned off at the circuit breaker.
2. **Mounting Bracket Installation:** Secure the mounting bracket to the ceiling junction box. Ensure the bracket is firmly attached and can support the fan's weight. Use the provided metal anchors if necessary.
3. **Assemble Downrod:** Choose the desired downrod length (12.5 cm or 25 cm). Feed the electrical wires from the fan motor through the downrod.
4. **Hang Fan Assembly:** Carefully lift the fan motor assembly and hang it onto the mounting bracket.
5. **Electrical Connections:** Connect the fan's electrical wires to the household wiring according to the wiring diagram in the manual. Ensure all connections are secure with wire nuts and electrical tape.
6. **Attach Fan Blades:** Securely attach the three fan blades to the motor housing using the provided screws.
7. **Install LED Light Kit:** Connect the LED light kit wires and attach the light kit to the bottom of the fan motor housing.
8. **Final Checks:** Double-check all connections and ensure all screws are tightened.
9. **Restore Power:** Turn the power back on at the circuit breaker.



Image: Overview of mounting options (flat ceiling, 10° max slope), materials (metal body, ABS blades), reversible fan features (6 speeds, preset modes), integrated LED light (Max 22W), humidity rating (dry, covered damp), installation time (45 minutes), and ideal room dimensions (3.6x3.6 - 5.5x5.5 m).

5. Operating Instructions

Your VONLUCE ceiling fan is controlled by the included remote control, offering convenience and a range of customizable settings.

5.1 Remote Control Functions

- **Power On/Off:** Press to turn the fan and light on or off.
- **Fan Speed Control:** Adjusts fan speed from 1 (lowest) to 6 (highest).
    - **Speed 1-2 (Gentle Breeze/Sleep Mode):** Ideal for quiet environments like bedrooms, providing a soft airflow.
    - **Speed 3-4 (Natural Wind Mode):** Suitable for general comfort, offering a moderate airflow.
    - **Speed 5-6 (High Speed/Cool Air Mode):** Provides maximum airflow for rapid cooling.
- **Light On/Off:** Independently controls the LED light.
- **Light Color Temperature Adjustment (3000K-6500K):** Cycles through warm white (3000K), neutral white (4500K), and cool white (6500K). Continuous adjustment from 0-100% brightness is also available.
- **Reversible Function:** Changes the direction of blade rotation.
    - **Summer Mode (Downward Airflow):** Blades rotate counter-clockwise, pushing cool air down.
    - **Winter Mode (Upward Airflow):** Blades rotate clockwise, drawing cool air up and circulating warm air trapped near the ceiling.
- **Timer Function:** Set the fan to automatically turn off after 1, 4, or 8 hours.



Image: Visual representation of the 6 adjustable speeds: Speeds 1-2 for gentle breeze (sleep mode), Speeds 3-4 for natural wind (natural mode), and Speeds 5-6 for cool air (high speed mode).



Image: Illustration of the reversible function, showing downward airflow for cooling in summer and upward airflow for circulating warm air in winter.



Image: Depicts the adjustable LED light kit, showing color temperatures from 3000K (warm white) to 6500K (cool white) and brightness control from 10% to 100%.



Image: Shows a baby sleeping peacefully, emphasizing the fan's silent operation (35dB) and the 1H, 4H, 8H timer functions, controlled by the remote.

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 the fan is turned off and power is disconnected before cleaning.
- **Tighten Fasteners:** Check all screws and fasteners annually to ensure they are securely tightened. Loose connections can cause noise and instability.
- **Blade Balance:** If the fan wobbles, check that all blades are securely attached and balanced. A blade balancing kit (not included) can be used if necessary.
- **Light Source:** The integrated LED light source is designed for long life and is not user-replaceable. If the light fails, contact customer support.

7. Troubleshooting

Refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
Fan does not start	No power supply; Loose wiring; Remote control battery low/dead.	Check circuit breaker; Verify all wire connections; Replace remote control batteries.
Fan wobbles excessively	Loose blades or mounting hardware; Unbalanced blades.	Ensure all blade screws and mounting screws are tight; Use a blade balancing kit.
Fan is noisy	Loose screws; Motor housing rubbing; Incorrect installation.	Check and tighten all screws; Ensure no parts are touching; Re-check installation steps.
Light does not work	Loose wiring; LED driver issue; Remote control battery low/dead.	Check light kit wiring; Replace remote control batteries; Contact customer support if LED module is faulty.
Remote control not working	Low/dead batteries; Obstruction between remote and receiver; Remote not paired.	Replace batteries; Ensure clear line of sight; Refer to remote pairing instructions (if applicable, usually automatic).



Image: Sound level test results indicating ultra-silent operation, with decibel readings for each of the 6 fan speeds, ranging from 30.2 dB at speed 1 to 35.0 dB at speed 6.

8. Specifications

Feature	Detail
Model Number	CFN310-002
Brand	VONLUCE
Dimensions (L x W x H)	132 x 132 x 32.5 cm (52 x 52 x 12.8 inches)
Weight	4.6 Kilograms (10.14 lbs)

Feature	Detail
Material	Copper, Iron, Aluminum, ABS (Acrylonitrile Butadiene Styrene)
Color	Black, Rosewood (Noyer Noir, Bois de Rose)
Style	Modern
Power Source	Electric Corded
Voltage	220 Volts
Control Method	Remote Control
Fan Speeds	6 Speeds, Reversible DC Motor
Light Type	Integrated LED
Light Features	3 Color Temperatures (3000K-6500K), Dimmable (0-100%)
Timer Function	1, 4, or 8 hours
Noise Level	Approximately 35 dB (at highest speed)
Installation Type	Downrod (12.5 cm and 25 cm included)
Ceiling Angle Compatibility	Up to 10 degrees
Indoor/Outdoor Use	Indoor use only (Not waterproof)
Certifications	CE

9. Warranty and Support

VONLUCE products are designed for quality and reliability. For warranty information or technical support, please refer to the contact details provided with your purchase documentation or visit the official VONLUCE website. Please retain your proof of purchase for any warranty claims.

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