CasaFan 413261

CasaFan ECO VENTOS IP44 132 Wi-Fi Ceiling Fan User Manual

Model: 413261

1. Product Overview

The CasaFan ECO VENTOS IP44 132 Wi-Fi Ceiling Fan (Model 413261) is an energy-efficient ceiling fan designed for rooms up to 25 m². It features a basalt grey painted casing and four basalt grey plastic blades, which can be configured for 2, 3, or 4 blade operation. This fan operates on 100-240 V 50-60 Hz and is equipped with a low-consumption DC/EC motor (1.2-26 W). Control is provided via an included radio remote control, offering 6 speed levels, light adjustment (if a light kit is installed), forward/reverse (summer/winter) function, and an auto-off timer. The fan also supports Wi-Fi connectivity for enhanced control options. It includes a 150mm downrod and is suitable for installation on sloped ceilings up to 23°.



Figure 1.1: Front view of the CasaFan ECO VENTOS IP44 132 Wi-Fi Ceiling Fan with four blades installed.

2. Safety Information

- Read all instructions carefully before installation and use.
- Ensure the power supply is disconnected at the main circuit breaker before installation, maintenance, or cleaning.
- Installation must be performed by a qualified electrician in accordance with local electrical codes.
- The mounting structure must be capable of supporting the weight of the fan (refer to specifications for weight).
- Maintain a minimum clearance of 2.3 meters (7.5 feet) from the floor to the lowest point of the fan blades.
- Ensure there is adequate clearance from walls and other obstructions to prevent blade interference.

- Do not insert any objects into the path of the rotating blades.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- The fan is rated IP44, indicating protection against solid objects larger than 1mm and splashing water from any direction. This makes it suitable for damp locations, but not for direct water immersion.

3. Package Contents

Verify that all components are present and undamaged before beginning installation. The package should contain:

- Ceiling Fan Motor Housing
- 4 x Plastic Blades (Basalt Grey)
- 1 x 150mm Downrod
- Mounting Bracket
- Radio Remote Control with Wall Mount
- Hardware Pack (screws, washers, wire nuts, etc.)
- User Manual



Figure 3.1: Close-up of a single basalt grey plastic blade.

4. Setup and Installation

This section provides general guidelines for installation. Always refer to the detailed installation diagrams and instructions provided in the physical manual included with your product for precise steps.

1. **Power Disconnection:** Before starting, ensure the power supply to the installation area is completely turned off at the circuit breaker.
2. **Mounting Bracket Installation:** Secure the mounting bracket to a ceiling joist or a fan-rated outlet box. Ensure it is firmly attached and can support the fan's weight.
3. **Downrod Assembly:** Attach the 150mm downrod to the fan motor housing. The total distance from the ceiling to the blades will be approximately 390mm. A shortened downrod can reduce this to 320mm.
4. **Wiring:** Connect the fan's electrical wires to the household wiring according to the wiring diagram in your physical manual. Ensure all connections are secure and insulated.
5. **Fan Housing Attachment:** Carefully lift the fan assembly and hang it from the mounting bracket. Secure the fan housing to the bracket.
6. **Blade Installation:** Attach the plastic blades to the fan motor. The design allows for installation with 2, 3, or 4 blades. Ensure blades are securely fastened.
7. **Canopy Installation:** Slide the canopy up to the ceiling and secure it to cover the wiring connections and mounting bracket.
8. **Sloped Ceiling Installation:** This fan is suitable for installation on sloped ceilings up to 23 degrees. Ensure the mounting bracket and downrod are compatible with the angle.
9. **Light Kit Installation (Optional):** If you are installing an optional light kit, follow the specific instructions provided with the light kit.



Figure 4.1: Side view of the fan, illustrating the downrod and blade angle.

5. Operating Instructions

5.1 Remote Control Operation

The fan is controlled by the included radio remote control. Ensure batteries are correctly installed in the remote.

- **Power On/Off:** Press the power button to turn the fan on or off.
- **Speed Control:** Use the speed buttons to select one of the 6 available fan speeds. The fan operates at a maximum speed of 170 RPM and a minimum idle speed of 30 RPM.
- **Light Control:** If an optional light kit is installed, use the light control buttons to turn the light on/off or adjust its brightness (dimming function).
- **Forward/Reverse (Summer/Winter Mode):** This function changes the direction of blade rotation.
  - *Summer Mode (Counter-clockwise):* Creates a downward airflow, producing a cooling effect.
  - *Winter Mode (Clockwise):* Creates an upward airflow, circulating warm air trapped near the ceiling.
- **Auto-Off Timer:** Set a timer for the fan to automatically turn off after a specified duration. Refer to the remote control's specific instructions for timer settings.

5.2 Wi-Fi Connectivity

The fan features Wi-Fi compatibility, allowing for control via a smartphone application. Refer to the separate Wi-Fi setup guide or the manufacturer's website for instructions on connecting your fan to your home Wi-Fi network and using the dedicated app.

6. Maintenance

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

- **Before Cleaning:** Always turn off the power to the fan at the main circuit breaker before cleaning or performing any maintenance.
- **Cleaning Blades and Housing:** Use a soft, damp cloth to wipe down the fan blades and motor housing. Do not use abrasive cleaners or solvents, as they may damage the finish.
- **Dust Removal:** Periodically use a duster or vacuum cleaner with a brush attachment to remove dust from the fan blades and motor housing.
- **Tighten Fasteners:** Check all screws and fasteners periodically to ensure they are tight. Over time, vibrations can cause them to loosen.
- **Motor Lubrication:** The fan's DC/EC motor is permanently lubricated and does not require additional oiling.

7. Troubleshooting

If you experience issues with your fan, consult the following common troubleshooting steps:

Problem	Possible Cause	Solution
Fan does not start	No power to the fan. Loose wire connections. Remote control batteries are dead or incorrectly installed. Remote control not paired with the fan.	Check circuit breaker and wall switch. Turn off power and check all wiring connections. Replace remote control batteries; ensure correct polarity. Refer to remote control pairing instructions in your physical manual.
Fan wobbles	Loose blade screws. Unbalanced blades. Loose mounting bracket.	Tighten all blade screws. Use a blade balancing kit (not included) to balance blades. Ensure mounting bracket is securely fastened to the ceiling.
Noisy operation	Loose screws or components. Fan not properly seated in mounting bracket. Motor hum (normal for some DC motors).	Check and tighten all screws. Ensure fan is correctly installed and secured. If motor hum is excessive, contact customer support.

8. Specifications

Brand	CasaFan
Model Number	413261
Electric Fan Design	Ceiling Fan
Color	Basalt Grey (Note: Product description states Basalt Grey, specifications list 'marron' which is brown. Basalt Grey is consistent with images and main description.)
Material	Stainless Steel (Casing), Plastic (Blades)

Power Source	Corded Electric
Power Consumption	1.2 - 26 Watts (DC/EC Motor)
Voltage	100-240 V, 50-60 Hz
Blade Diameter	132 cm (Ø 132 cm)
Max Speed	170 RPM
Min Speed (Idle)	30 RPM
Ceiling to Blade Distance	390 mm (320 mm with shortened downrod)
Suitable Room Size	Up to 25 m²
Special Features	Wi-Fi Compatible, Radio Remote Control (6 levels, light adjustment, forward/reverse, auto-off timer), Suitable for Sloped Ceilings (up to 23°)
Mounting Type	Ceiling Mount
Product Dimensions	102D x 132W x 39H centimeters (Note: This seems to be Depth x Width x Height, where Width is blade diameter)

9. Warranty and Support

For warranty information, please refer to the warranty card included with your product or contact CasaFan customer support directly. Information regarding spare parts availability is not provided in the product specifications. For technical support or service inquiries, please contact the retailer or the manufacturer, CasaFan.
Manufacturer: CasaFan

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