

## NWIASS DCF60301BK

# NWIASS 60-Inch Black Outdoor Ceiling Fan Instruction Manual

Model: DCF60301BK

## 1. SAFETY INSTRUCTIONS

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

- Ensure the power is disconnected at the circuit breaker before installation or servicing.
- All wiring must be in accordance with national and local electrical codes. If you are unfamiliar with wiring, consult a qualified electrician.
- The fan must be mounted to a structurally sound ceiling joist or outlet box capable of supporting the fan's weight (17.8 lbs).
- Maintain a minimum clearance of 7 feet from the floor to the fan blades.
- Do not operate the fan with damaged blades or housing.
- This fan is rated for indoor and outdoor (damp location) use. Ensure proper sealing for outdoor installations.

## 2. PACKAGE CONTENTS

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Verify all components are present before installation:

- 3 x Solid wood fan blades
- 3 x Down rods (5", 10", 24")
- 1 x DC motor assembly
- 1 x Set of remote control and receiver
- 1 x Wall control
- 1 x English user manual (this document)
- 1 x Canopy

- 1 x Pack of screws and mounting hardware



Figure 2.1: Exploded view of fan components.

### 3. PRODUCT OVERVIEW

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The NWIASS 60-inch outdoor ceiling fan features a modern design with three solid wood blades and an energy-efficient DC motor. It is designed for both indoor and outdoor damp locations, providing powerful airflow with quiet operation.

#### 3.1 Key Features

- **60-Inch Blade Span:** Ideal for large rooms and outdoor spaces.
- **3 Solid Wood Blades:** Durable and aesthetically pleasing with clear texture.
- **Reversible DC Motor:** Energy-saving, quiet operation, and allows for seasonal airflow adjustment.
- **Remote Control:** Offers 6 fan speeds, 3 timer settings (1/4/8H), reversible function, and natural wind mode.
- **Damp Rated:** Suitable for covered outdoor areas like patios and porches.

#### 3.2 Product Images

# THE WHISPERS OF WOOD TEXTURE



*High quality wood*



*Damp Resistant*



Figure 3.1: Detail of the solid wood fan blades, highlighting their texture and quality.

# REVERSIBLE DC MOTOR



Figure 3.2: Visual representation of the fan's reversible function, showing downward airflow for summer cooling and upward airflow for winter heat distribution.



# Mute Reversible Silicon Steel DC Motor

Higher Efficiency and Long-Lasting



**Saves Energy**  
by Our Silicon Steel DC Motor

**75%**



**Cost saves per year**  
6.4 hours use per day

**107.4 kWh**



Figure 3.3: Benefits of the DC motor, including energy savings and long-lasting performance.



## Quiet Ceiling Fan $\leq 30\text{dB}$

Only wind and almost no sound

-  Quiet
-  Timing Function
-  6 Speed Control

10dB      30dB      60dB      80dB



Library      Ours Ceiling Fan      Speak Loudly      Noisy Road

Figure 3.4: Noise level comparison, demonstrating the fan's ultra-quiet operation at approximately 30dB.



Figure 3.5: The 60-inch ceiling fan installed in an outdoor patio setting, showcasing its suitability for damp locations.

### 3.3 Product Videos

Your browser does not support the video tag.

Video 3.1: NWIASS Brand Overview. This video provides a general overview of NWIASS ceiling fans, highlighting design and features.

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Video 3.2: Customer Product Demonstration. This video showcases the fan in a real-world setting, demonstrating its appearance and operation.

## 4. INSTALLATION GUIDE

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Follow these steps carefully to ensure proper and safe installation of your NWIASS ceiling fan.

### 4.1 Pre-Installation

1. Turn off power at the circuit breaker.

2. Identify a suitable mounting location. The ceiling must be able to support the fan's weight.
3. Unpack all components and verify against the package contents list.

## 4.2 Mounting the Bracket and Downrod

Choose the appropriate downrod length (5", 10", or 24") based on your ceiling height. For ceilings 8 feet high, use the 5-inch downrod. For 10-foot ceilings, use the 10-inch downrod. For ceilings over 12 feet, use the 24-inch downrod.



Figure 4.1: Downrod selection guide based on ceiling height.

1. Secure the mounting bracket to the ceiling outlet box or support structure using the provided screws.
2. Feed the electrical wires from the ceiling through the chosen downrod.
3. Attach the downrod to the motor housing and secure it with the pin and screw.
4. Carefully lift the fan assembly and hang it on the mounting bracket.

## 4.3 Wiring Connections

Connect the fan's electrical wires to the household wiring according to the color codes. Ensure all connections are secure and insulated with wire nuts.

- Connect the **black** (hot) wire from the ceiling to the **black** wire from the fan.
- Connect the **white** (neutral) wire from the ceiling to the **white** wire from the fan.
- Connect the **green** or **bare copper** (ground) wire from the ceiling to the **green** wire from the fan.
- Insert the remote receiver into the mounting bracket.

## 4.4 Attaching Blades and Canopy

1. Attach each fan blade to the motor housing using the provided screws. Ensure they are securely fastened.
2. Slide the canopy up the downrod and secure it to the mounting bracket with the canopy screws, covering the wiring.

**60  
INCH**

**ceiling fan**



**Indoor/Outdoor**

**Pragmatic**

**160RPM**



**Solid Wood Carved Blades**



**Stylish design**



**Thickened reversible  
DC motor**

Figure 4.2: Fan dimensions and downrod mounting details.

## 5. OPERATING INSTRUCTIONS

Your NWIASS ceiling fan is controlled by the included remote control. Ensure the remote has fresh batteries installed.

### 5.1 Remote Control Functions

- **Power On/Off:** Press the power button to turn the fan on or off.
- **Fan Speed:** Use the speed buttons (1-6) to adjust the fan's rotation speed.
- **Timer:** Set the fan to turn off automatically after 1, 4, or 8 hours.
- **Reversible Function:** Press the reverse button to change the blade direction for seasonal use.
- **Natural Wind Mode:** Activates a mode that simulates natural breezes by varying fan speed.

### 5.2 Reversible Airflow

The reversible DC motor allows you to optimize airflow for different seasons:

- **Summer Mode (Downward Airflow):** Blades rotate counter-clockwise, pushing air down to create a cooling breeze.
- **Winter Mode (Upward Airflow):** Blades rotate clockwise, drawing air up to circulate warm air trapped near the ceiling, helping to distribute heat more evenly.

## REVERSIBLE DC MOTOR



Figure 5.1: Understanding the reversible airflow for year-round comfort.

## 6. MAINTENANCE

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

- **Cleaning:** Use a soft, damp cloth to clean the fan blades and motor housing. Do not use abrasive cleaners or solvents.
- **Tighten Fasteners:** Periodically check all screws and fasteners on the fan and mounting hardware to ensure they are secure.
- **Blade Balance:** If the fan wobbles, ensure all blades are securely attached and consider using a blade balancing kit if necessary.
- **Motor Lubrication:** The DC motor is permanently lubricated and does not require additional oiling.

## 7. TROUBLESHOOTING

Before attempting any repairs, ensure the power is disconnected at the circuit breaker.

Problem	Possible Cause	Solution
Fan does not start	No power to the fan Loose wire connections Remote control battery low	Check circuit breaker and wall switch Verify all wire connections are secure Replace remote control batteries
Fan wobbles	Loose blade screws Unbalanced blades Loose mounting bracket	Tighten all blade screws Use a blade balancing kit Ensure mounting bracket is securely fastened
Noisy operation	Loose screws Motor housing rubbing Incorrect installation	Check and tighten all screws Ensure no parts are rubbing Review installation steps for proper assembly
Remote control not working	Low battery Incorrect pairing Obstruction	Replace batteries Refer to remote pairing instructions (if applicable) Ensure clear line of sight to receiver

## 8. SPECIFICATIONS

Feature	Detail
Brand	NWIASS
Model Name	60 inch ceiling fan no light-DCF60301BK
Product Dimensions	60"L x 60"W x 30.5"H
Blade Material	Wood
Number of Blades	3
Motor Type	DC Motor (Reversible)
Control Method	Remote Control
Fan Speeds	6
Timer Intervals	1/4/8 Hours
Indoor/Outdoor Usage	Indoor, Outdoor (Damp Rated)
Power Source	DC
Voltage	120 Volts
Wattage	40 watts

Feature	Detail
Item Weight	17.8 pounds
Included Downrods	5", 10", 24"
Certification	ETL

## 9. WARRANTY AND SUPPORT

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NWIASS provides free replacement parts for this ceiling fan. For warranty claims, technical support, or any questions regarding your product, please contact the manufacturer directly through your purchase platform or the official NWIASS website.

Please retain your proof of purchase for warranty service.