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› Hardware House Bermuda 23-8502 52-inch Ceiling Fan User Manual

Hardware House 23-8502

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Model: 23-8502

1. INTRODUCTION

This manual provides detailed instructions for the safe installation, operation, and maintenance of your Hardware House Bermuda 23-8502 52-inch Ceiling Fan. Please read all instructions carefully before beginning installation and retain this manual for future reference.

The Bermuda 23-8502 ceiling fan features a 52-inch span, five reversible blades (White/Bleached Oak), a three-speed pull-chain control, and reversible airflow for year-round comfort. It includes a 3-light frosted glass light kit and a cap for installation without the lighting fixture.

2. SAFETY INFORMATION

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

- Read all instructions and safety information before installing your new fan and save these instructions.
- All wiring must be in accordance with national and local electrical codes. If you are unfamiliar with wiring, use a qualified electrician.
- Before you begin, disconnect power by turning off the circuit breakers at the main fuse box or circuit breaker panel.
- Ensure the installation site allows the fan blades to rotate without obstruction and that the blades are at least 7 feet (2.1 meters) from the floor.
- The outlet box and ceiling support structure must be securely mounted and capable of reliably supporting a minimum of 35 lbs (15.9 kg). Use only UL Listed outlet boxes marked "FOR FAN SUPPORT."
- Avoid placing objects in the path of the blades.
- Do not operate the fan if there is any damage to the housing or blades.

3. PACKAGE CONTENTS

Carefully unpack your fan and check the contents. You should have the following items:

- Ceiling Fan Motor Assembly
- Fan Blades (5 pieces, reversible White/Bleached Oak)
- Blade Brackets (5 pieces)

- Light Kit Assembly (with frosted glass shades)
- Light Kit Cap (for non-light installation)
- Mounting Bracket
- Hardware Pack (screws, washers, wire nuts)
- Pull Chains (for fan speed and light)
- Instruction Manual

Note: (3) 6W LED candelabra bulbs are required but not included in the package.

4. SETUP AND INSTALLATION

This section outlines the general steps for installing your ceiling fan. For detailed diagrams and specific wiring instructions, refer to the separate installation guide included with your product. Professional installation is recommended for electrical wiring.

4.1 Preparing for Installation

1. **Turn off Power:** Ensure power is disconnected at the circuit breaker before starting.
2. **Mounting Location:** Confirm the ceiling outlet box is securely mounted and rated for fan support.

4.2 Mounting the Fan

1. Attach the mounting bracket to the ceiling outlet box using the provided screws and washers.
2. Carefully lift the fan motor assembly and hang it from the mounting bracket.

4.3 Electrical Connections

Connect the fan's electrical wires to the household wiring according to the wiring diagram in your installation guide. Use the provided wire nuts to secure connections. Ensure all connections are tight and properly insulated.

4.4 Attaching Fan Blades

1. Select the desired blade finish (White or Bleached Oak).
2. Attach each fan blade to a blade bracket using the blade screws.
3. Secure the blade assemblies to the motor housing.

4.5 Installing the Light Kit (Optional)

1. If using the light kit, connect the light kit wires to the fan motor wires as per the wiring diagram.
2. Secure the light kit assembly to the bottom of the fan motor.
3. Install (3) 6W LED candelabra bulbs (not included) into the sockets.
4. Attach the frosted glass shades.
5. If not using the light kit, attach the provided light kit cap to the bottom of the fan motor.



Image 1: The Hardware House Bermuda 23-8502 52-inch Ceiling Fan with light kit installed. This image shows the fan's overall appearance, including the five white blades, the central motor housing, and the three frosted glass light shades.

5. OPERATING INSTRUCTIONS

Once installed, your Bermuda ceiling fan is operated using the pull chains.

5.1 Fan Speed Control

The fan speed is controlled by one of the pull chains. Each pull cycles through the speeds:

- **1st Pull:** High Speed
- **2nd Pull:** Medium Speed
- **3rd Pull:** Low Speed
- **4th Pull:** Off

5.2 Light Control

The light kit is controlled by the second pull chain. Each pull will turn the light ON or OFF.

5.3 Reversible Airflow

Your fan features a reversible airflow switch, typically located on the motor housing. This switch allows you to change the direction of the fan blades for seasonal comfort:

- **Downward Airflow (Summer):** Set the switch to make the blades rotate counter-clockwise. This creates a cooling breeze.
- **Upward Airflow (Winter):** Set the switch to make the blades rotate clockwise. This draws cool air up, pushing warm air down, helping to circulate heat.

Always turn off the fan and wait for the blades to stop completely before changing the direction of the airflow switch.

6. MAINTENANCE

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

6.1 Cleaning

- Always turn off the power to the fan before cleaning.
- Use a soft, damp cloth to clean the fan housing and blades. Do not use abrasive cleaners or solvents.
- Dust the blades regularly to prevent buildup, which can cause imbalance and noise.

6.2 Blade Care

The fan blades are reversible. To change the blade finish:

1. Turn off power to the fan.
2. Carefully unscrew the blades from the blade brackets.
3. Flip the blades to expose the desired finish (White or Bleached Oak).
4. Reattach the blades securely to the blade brackets.

6.3 Bulb Replacement

To replace the light bulbs:

1. Turn off power to the fan and light.
2. Allow bulbs to cool completely before touching.
3. Carefully remove the frosted glass shades.
4. Unscrew the old bulbs and replace them with new (3) 6W LED candelabra bulbs.
5. Reattach the glass shades.

7. TROUBLESHOOTING

Before performing any troubleshooting, ensure the power to the fan is turned off at the circuit breaker.

Problem	Possible Cause	Solution
Fan will not start	No power to the fan; Loose wire connections; Blown fuse or tripped circuit breaker.	Check circuit breaker/fuse; Ensure all wire connections are secure; Verify power is ON.
Fan wobbles	Loose blade screws; Unbalanced blades; Loose mounting bracket.	Tighten all blade screws; Check for bent blade holders; Ensure mounting bracket is secure.
Fan is noisy	Loose screws; Motor housing rubbing; Blades hitting an obstruction.	Check and tighten all screws; Ensure no parts are rubbing; Verify blades are clear of obstructions.
Light kit not working	Loose wire connections; Faulty bulbs; Light switch off.	Check wire connections; Replace bulbs; Ensure light pull chain is in the ON position.

8. SPECIFICATIONS

Model Name	Bermuda Ceiling Fan
Part Number	23-8502
Brand	Hardware House
Size	52 inches

Color	White (Blades reversible to Bleached Oak)
Number of Blades	5
Mounting Type	Flush Mount
Control Method	Pull Chain Control
Light Kit	3-light frosted glass kit included
Bulb Type (Not Included)	(3) 6W LED Candelabra bulbs
Power Source	Corded Electric
Product Dimensions	52 x 52 x 13.88 inches
Item Weight	16.87 pounds
UPC	802062238502

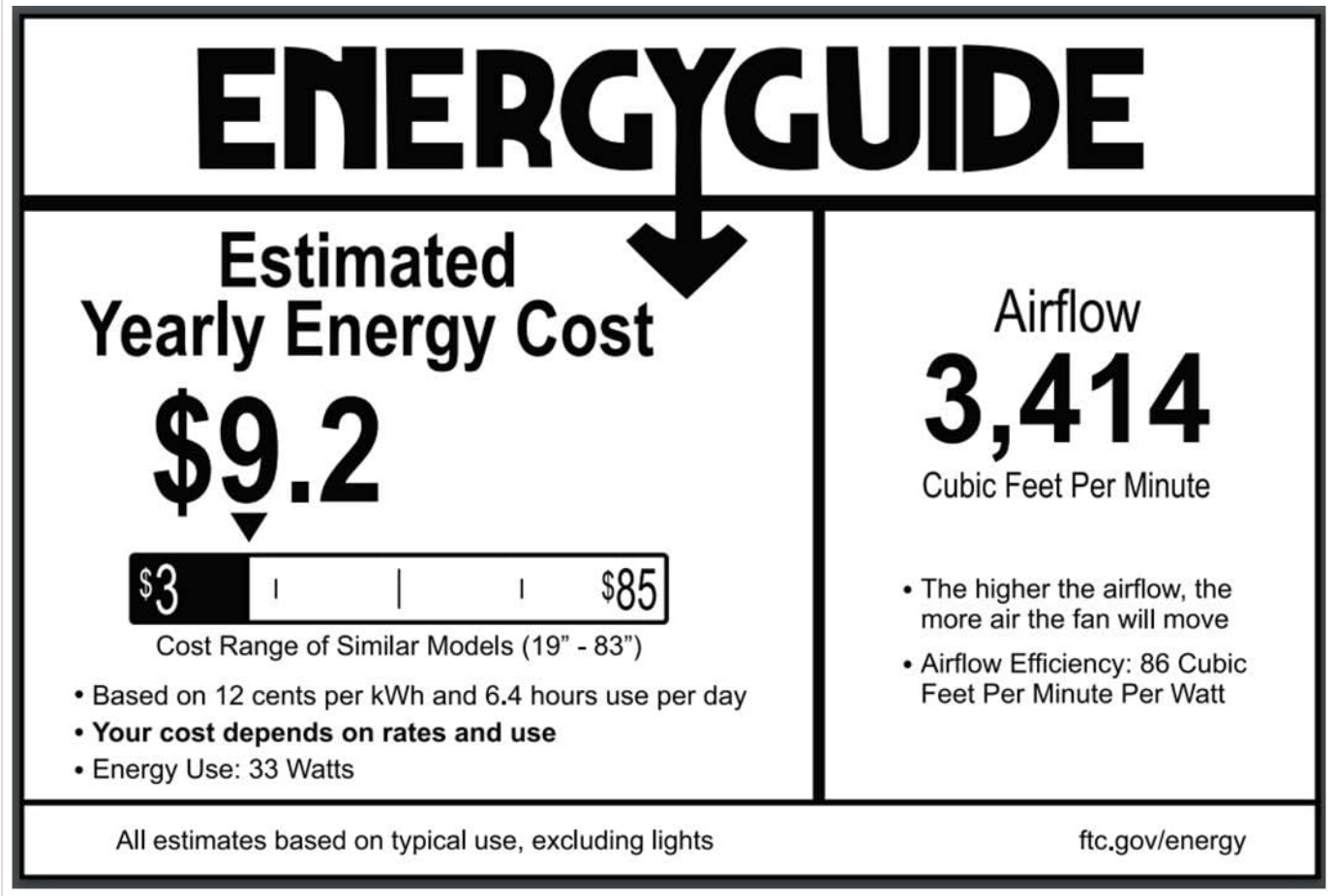


Image 2: Energy Guide label for the Hardware House Bermuda 23-8502 Ceiling Fan. This label provides estimated yearly energy cost (\$9.2), airflow (3,414 Cubic Feet Per Minute), and airflow efficiency (86 Cubic Feet Per Minute Per Watt), based on typical usage excluding lights.

9. WARRANTY AND SUPPORT

The Hardware House Bermuda 23-8502 Ceiling Fan comes with a **Limited Lifetime Warranty**. For specific details regarding warranty coverage, please refer to the warranty card included with your product or contact Hardware House customer support.

For technical assistance, replacement parts, or general inquiries, please contact Hardware House customer support.

Contact information can typically be found on the product packaging or the official Hardware House website.

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