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› BLACK+DECKER BWAC10WT 10,000 BTU Window Air Conditioner User Manual

## BLACK+DECKER BWAC10WT

# BLACK+DECKER BWAC10WT 10,000 BTU Window Air Conditioner User Manual

Model: BWAC10WT

## IMPORTANT SAFETY INFORMATION

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Please read all instructions carefully before installing and operating your new air conditioner. Keep this manual for future reference. Your safety and the safety of others are very important. We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.

This is the safety alert symbol. This symbol alerts you to potential hazards that can kill or hurt you and others. All safety messages will follow the safety alert symbol and either the word "DANGER" or "WARNING."

- **DANGER** means that failure to heed this safety statement may result in severe personal injury or death.
- **WARNING** means that failure to heed this safety statement may result in extensive product damage, serious personal injury, or death.

All safety messages will alert you to what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

## PRODUCT OVERVIEW

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The BLACK+DECKER BWAC10WT is a 10,000 BTU ENERGY STAR certified electronic window air conditioner designed to cool rooms up to 450 square feet. It features electronic controls, a full-function remote, and a removable, washable filter for easy maintenance.



Figure 1: Front view of the BLACK+DECKER BWAC10WT Window Air Conditioner.

## KEY FEATURES

- Electronic controls with digital display for simple operation.
- Full function remote with touch controls for convenient adjustments.
- Wide-range, adjustable thermostat control to achieve desired temperature.
- Timer/clock function to program automatic turn on or shut off times.
- Sleep function automatically adjusts temperature and fan speed for nighttime comfort.
- Three cooling and three fan speeds for customized airflow.
- Removable, washable filter for maintaining air quality.
- ENERGY STAR certified for energy efficiency.

## SETUP AND INSTALLATION

### Product Dimensions



Figure 2: The air conditioner measures approximately 14.64 inches in depth, 19.76 inches in width, and 21.49 inches in height.

## Determining Cooling Capacity

To ensure efficient cooling, select an air conditioner with the appropriate BTU capacity for your room size. Refer to the table below for guidance.

## **Find the correct cooling capacity for your room**

Find the corresponding cooling capacity that matches your desired area (square footage). Cooling capacity shown in British thermal units (BTU) per hour.

<b>Area to be cooled (SQ. FT.)</b>	<b>Capacity Needed (BTU)</b>
150 SQ. FT.	5,000
UP TO 250 SQ. FT.	6,000
UP TO 300 SQ. FT.	7,000
UP TO 350 SQ. FT.	8,000
UP TO 400 SQ. FT.	9,000
UP TO 450 SQ. FT.	10,000
UP TO 550 SQ. FT.	12,000
UP TO 700 SQ. FT.	14,000
UP TO 1000 SQ. FT.	18,000
UP TO 1200 SQ. FT.	21,000
UP TO 1400 SQ. FT.	23,000
UP TO 1500 SQ. FT.	24,000

### **Adjustment as necessary**

**Make any adjustments for the following circumstance:**

- i. If the room is heavily shaded, reduce capacity by 10 percent.
- ii. If the room is very sunny, increase capacity by 10 percent.
- iii. If more than two people regularly occupy the room, add 600 BTUs for each additional person.
- iv. If the unit is used in a kitchen, increase capacity by 4,000 BTUs.

Figure 3: Cooling Capacity Guide. This table helps determine the required BTU based on room area. Adjustments may be needed for specific room conditions.

For the BWAC10WT model, with 10,000 BTU, it is suitable for cooling areas between 300-350 square feet.

# Easy to Install



Figure 4: Visual representation of the 10,000 BTU cooling capacity for a room size of 300-350 square feet.

## General Installation Steps

This unit is designed for window installation. Ensure the window opening meets the required dimensions for a secure fit. The unit comes with side panels that extend to fill the window gap.

# Washable Filter



Figure 5: The air conditioner is designed for easy installation in a standard window opening.

# Cooling Capacity



10,000 BTU



**300-350**  
*sq ft*



Figure 6: An installed air conditioner unit in a room, demonstrating its placement within a window frame.



Figure 7: Top-down view of the air conditioner showing the extended side panels for a secure window fit.



Figure 8: Angled view of the air conditioner, highlighting the adjustable side panels for window installation.

## OPERATING INSTRUCTIONS

### Control Panel

The unit features an intuitive LED control panel for direct operation.



Figure 9: The LED control panel displays temperature, mode, and fan speed settings. Buttons include Power, Mode, Fan Speed, Eco, Sleep, Timer, and temperature adjustments.

### Remote Control

For convenient operation from a distance, use the included full-function remote control.

# LED Control Panel



Figure 10: The remote control provides access to all functions, including Power, Cool, Sleep, Timer, Auto Mode, Fan Speed, Eco, Display, and Fan Only.

## Operating Modes

- **Cool Mode:** Provides cooling with adjustable temperature and fan speeds.
- **Fan Mode:** Circulates air without cooling. Choose from High, Medium, or Low fan speeds.
- **Dry Mode:** Reduces humidity in the room.
- **Eco Mode:** Optimizes energy consumption by cycling the compressor and fan.
- **Sleep Mode:** Gradually adjusts temperature and fan speed for comfortable sleep and energy saving.

## Timer Function

Use the Timer function to set a specific time for the unit to automatically turn on or shut off, allowing for pre-cooling or energy saving.

## MAINTENANCE

### Cleaning the Air Filter

Regular cleaning of the air filter is essential for optimal performance and air quality. The filter is removable and washable.



Figure 11: The removable, washable filter ensures fresh, clean air output.

1. Open the front panel of the air conditioner.
2. Gently slide out the air filter.
3. Wash the filter with warm, soapy water. Rinse thoroughly.
4. Allow the filter to air dry completely before reinserting.
5. Reinstall the dry filter and close the front panel.

It is recommended to clean the filter every two weeks, or more frequently depending on usage and air quality.

## TROUBLESHOOTING

If your air conditioner is not operating correctly, please check the following common issues before contacting customer support.

- **Unit does not turn on:** Ensure the power cord is securely plugged into a working electrical outlet. Check the circuit breaker.
- **Unit is not cooling:** Verify the temperature setting is lower than the room temperature. Check if the air filter is clean and not obstructed. Ensure windows and doors are closed.
- **Reduced airflow:** Clean the air filter. Check for any obstructions in the air intake or output vents.
- **Unusual noise:** Ensure the unit is installed securely and level. Check for any loose parts or debris inside the unit.

- **Water leakage:** Confirm the unit is tilted slightly outwards to allow proper drainage. Check for blockages in the drain pan or hose.

For issues not resolved by these steps, please refer to the Warranty & Support section.

## SPECIFICATIONS

Feature	Specification
Brand	BLACK+DECKER
Model Number	BWAC10WT
Cooling Power	10,000 British Thermal Units (BTU)
Floor Area Coverage	Up to 450 Square Feet
Product Dimensions (D x W x H)	14.49"D x 19.76"W x 21.49"H
Weight	57.3 Pounds
Voltage	115 Volts
Wattage	1000 watts
Annual Energy Consumption	750 Kilowatts
Seasonal Energy Efficiency Ratio (SEER)	14.5
Noise Level	61 Decibels
Filter Type	Removable, Washable
Control Method	Remote, Touch
Refrigerant	R 410A
Installation Type	Window
Energy Star Certified	Yes

## PRODUCT VIDEO

Your browser does not support the video tag.

Video 1: An overview of the BLACK+DECKER BWAC10WT 10,000 BTU ENERGY STAR Electronic Window Air Conditioner with Remote, highlighting its features and benefits.

## WARRANTY AND SUPPORT

This BLACK+DECKER air conditioner comes with a **1-year limited warranty**. For warranty claims or technical assistance, please refer to the contact information provided with your product packaging or visit the official BLACK+DECKER support website. When contacting support, please have your model number (BWAC10WT) and proof of purchase readily available.