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> [LG LW5024X Window Air Conditioner User Manual](#)

## LG LW5024X

# LG LW5024X Window Air Conditioner User Manual

Model: LW5024X | Brand: LG

## INTRODUCTION

The LG LW5024X is a 5,000 BTU window air conditioner designed to efficiently cool rooms up to 150 square feet, making it ideal for small living spaces such as bedrooms, home offices, or dorm rooms. This unit offers two cooling and fan speeds, allowing you to customize airflow and temperature to your comfort preferences. The 2-way air deflection system ensures even distribution of cool air throughout the room, enhancing overall comfort. User-friendly features include a simple control panel for easy operation. The unit operates quietly, with sound levels as low as 50 dB in low mode, minimizing disruptions to your environment. Additionally, the auto-restart function ensures the unit resumes operation with previous settings after a power outage, providing uninterrupted comfort. Maintenance is straightforward with the slide-out, washable filter, which helps maintain optimal performance and indoor air quality. Installation is simplified with the included installation kit, allowing for quick and hassle-free setup. The LG LW5024X combines efficient cooling, customizable settings, and user-friendly features, making it a practical solution for maintaining a comfortable environment in smaller living spaces.

## KEY FEATURES

- **Maximum Cooling:** Cooling Coverage up to 150 Square ft. is ideal for cooling small rooms with 5,000 BTU window air conditioner for 1 room or space.
- **Quiet & Easy to Control:** LG Air Conditioners operate at sound levels as low as 50dB (low mode). Mechanical controls for AC unit make it easy to enjoy your window air conditioner's settings.
- **Easy Installation & Cleaning:** This AC has a fixed chassis and installs easily in a double hung window with included EZ Mount installation kit; slide-out filter makes cleaning a breeze to keeps your unit running its best when cleaned every 30 days.
- **Easy-to-Clean Washable Dust Filter:** Capture dust from the air and keep your dehumidifier working efficiently with our easy-to-clean washable filter.
- **Multiple Fan Speeds & Energy Save Function:** Two cooling modes and two fan speeds let you customize your cool. Energy Save Function for lower electricity bill, Eco-friendly R32 refrigerant.

## PRODUCT OVERVIEW



Figure 1: Front view of the LG LW5024X Window Air Conditioner, showing the main grille, control knob, and fan speed switches.



Figure 2: Illustration of the unit's versatile 2-in-1 operation, offering both Cool Mode for powerful cooling and Fan Mode for air circulation.



## Tilt-Out Washable Filter

Figure 3: The tilt-out washable filter, designed for easy removal and cleaning to maintain air quality and unit efficiency.

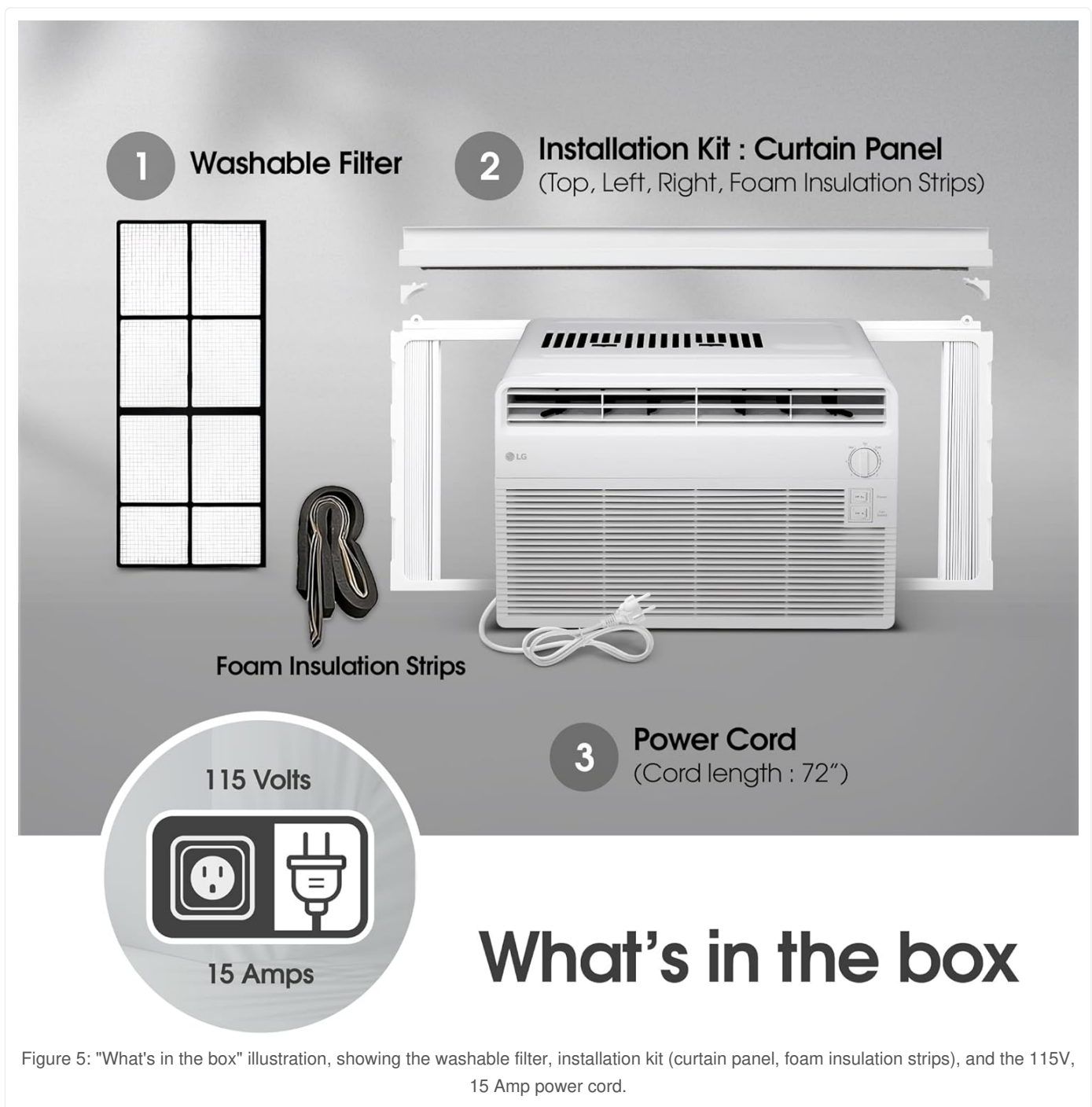
### SETUP AND INSTALLATION

The LG LW5024X is designed for quick and easy installation in double-hung windows. An EZ Mount installation kit is included to facilitate the process.



## Quick and Easy Installation

Figure 4: Visual guide for quick and easy installation in a window, highlighting the unit's dimensions (17.3" W x 11.1" H) for proper fit.



## Installation Steps:

1. Unpack the air conditioner unit and all accessories from the box.
2. Assemble the window installation kit according to the included instructions. This typically involves attaching the curtain panels to the sides of the unit.
3. Carefully place the unit into the double-hung window opening. Ensure it is level and securely positioned.
4. Extend the side panels to fill the window opening and secure them in place. Use the provided foam insulation strips to seal any gaps and prevent air leakage.
5. Plug the power cord into a standard 115V, 15 Amp electrical outlet.

## OPERATING INSTRUCTIONS

The LG LW5024X features simple mechanical controls for straightforward operation.



Figure 6: Close-up of the mechanical control panel, showing the main dial for mode selection and switches for power and fan speed.

### Control Panel Functions:

- **Mode Dial:** Rotate the dial to select between "Fan" and "Cool" modes. Within the "Cool" range, adjust the dial to increase or decrease cooling intensity.
- **Power Switch:** Use the "Off/On" switch to turn the unit on or off.
- **Fan Speed Switch:** Select "Low" or "Hi" to adjust the fan speed.
- **Air Deflection:** Manually adjust the horizontal louvers to direct the airflow as desired. The 2-way air deflection system helps distribute cool air evenly.

The unit also features an auto-restart function, which automatically resumes operation with the last settings after a power

interruption.

## MAINTENANCE

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Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner.

### Cleaning the Washable Filter:

The LG LW5024X is equipped with a slide-out washable filter. It is recommended to clean the filter every 30 days, or more frequently depending on usage and air quality.

1. Turn off the air conditioner and unplug it from the power outlet.
2. Open the front panel of the unit.
3. Gently slide out the air filter.
4. Wash the filter with warm, soapy water. Rinse thoroughly.
5. Allow the filter to air dry completely before reinserting it into the unit. Do not use hot water or harsh detergents, as this may damage the filter.
6. Close the front panel and plug the unit back in.

### General Cleaning:

- Wipe the exterior of the unit with a soft, damp cloth.
- Ensure the air intake and exhaust vents are free from obstructions.

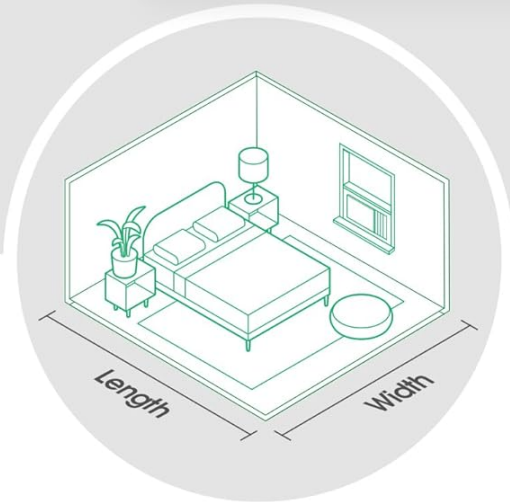
## TROUBLESHOOTING

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Before contacting customer service, please refer to the following common issues and solutions:

Problem	Possible Cause	Solution
Unit does not turn on.	No power, power cord unplugged, circuit breaker tripped.	Ensure unit is plugged in. Check household fuse/circuit breaker.
Air conditioner not cooling effectively.	Dirty air filter, blocked air intake/exhaust, room too large, windows/doors open.	Clean air filter. Remove obstructions. Close windows/doors. Ensure unit BTU matches room size (refer to Figure 7).
Unit is noisy.	Loose parts, unit not level, normal operating sounds.	Check for loose components. Ensure unit is installed level. Some sounds (e.g., refrigerant flow, fan noise) are normal.
Water dripping outside.	Normal condensation.	This is normal during high humidity operation. Ensure proper drainage.

	Room Size (Sq. Ft.)	BTU
Small Room	150 (10'x15')	5,000
	260 (13'x20')	6,000
	280 (14'x20')	7,000
Medium Room	350 (14'x25')	8,000
	450 (18'x25')	10,000
Large Room	550 (22'x25')	12,000
	800 (25'x32')	15,000
X-Large Room	1,000 (25'x40')	18,000
	1,300 (33'x40')	22,000
	1,560 (39'x40')	24,000



**How to measure a room?**  
 Length(in feet) x Width(in feet)  
 = Area in sq. ft

## Choose the Right AC Size Fit Your Room

Figure 7: Room Size vs. BTU Chart, helping to determine the appropriate AC size for effective cooling.

### SPECIFICATIONS

Feature	Detail
Product Dimensions	12.83 x 17.33 x 11.14 inches (D x W x H)
Item Weight	34 pounds
Manufacturer	LG
Item Model Number	LW5024X
Country of Origin	Thailand
Form Factor	Stand Alone
Capacity	1.4 Pints (Dehumidification)

Feature	Detail
Floor Area Coverage	150 Square Feet
Voltage	115 Volts
Noise Level	50 dB (low mode)
Cooling Power	5000 British Thermal Units (BTU)
Special Feature	Multiple Cooling and Fan Speeds, Easy Install, Washable Dust Filter
Color	White

## WARRANTY AND SUPPORT

The LG LW5024X Window Air Conditioner comes with a **1-year warranty on parts and labor** from the date of purchase.

For technical support, troubleshooting assistance, or warranty claims, please contact LG customer service. Refer to the official LG website or the product packaging for the most current contact information.

## OFFICIAL PRODUCT VIDEOS

### Product Overview Video

Your browser does not support the video tag.

This video provides a comprehensive overview of the LG LW5024X Window Air Conditioner, highlighting its features and benefits. It demonstrates the unit's quiet operation and ease of use.