

Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

[manuals.plus](#) /

> [LG](#) /

> [LG 5800 BTU Window Air Conditioners \[2023 New\] Remote Control Ultra-Quiet Compact-size Washable Filter Multi-Speed Fan Cools 260 Sq.Ft. Small Room AC Unit air conditioner Easy Install White LW6023R White 5,800 BTU](#)

LG LW6023R

LG LW6023R Window Air Conditioner User Manual

Model: LW6023R | Brand: LG

INTRODUCTION

Thank you for purchasing the LG LW6023R Window Air Conditioner. This manual provides important information for the proper installation, operation, and maintenance of your air conditioner. Please read this manual thoroughly before using your unit and keep it for future reference. This 5,800 BTU unit is designed to efficiently cool rooms up to 260 square feet, offering a comfortable environment with its ultra-quiet operation and user-friendly features.

IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, or injury to persons.

- Read all instructions before using this appliance.
- Plug into a grounded 3-prong outlet. Do not remove the grounding prong.
- Do not use an adapter.
- Do not use an extension cord.
- Disconnect power before servicing.
- Do not operate any air conditioner with a damaged cord or plug.
- Do not block air openings.
- Use two or more people to move and install the unit.
- Ensure the window opening is suitable for the unit's dimensions.

PRODUCT OVERVIEW

The LG LW6023R is a compact and efficient window air conditioner designed for optimal cooling in small to medium-sized rooms. It features a user-friendly control panel, a full-function remote control, and a washable filter for easy maintenance.



Front view of the LG LW6023R Window Air Conditioner, showing the control panel and air vents.

Key Features:

- **5,800 BTU Cooling Capacity:** Ideal for rooms up to 260 sq. ft.
- **Ultra-Quiet Operation:** Designed for minimal noise, as low as 52dB in low mode.
- **Compact Size:** Fits seamlessly into various window configurations.
- **Multi-Speed Fan:** Customize airflow with multiple fan speed options.
- **2-Way Air Deflection:** Ensures even distribution of cool air.
- **User-Friendly Control Panel & Remote:** Easy operation from anywhere in the room.
- **24-Hour On/Off Timer:** For energy-efficient scheduling.
- **Auto-Restart Function:** Resumes previous settings after power outage.
- **Washable, Reusable Air Filter:** Easy maintenance for optimal performance.
- **Clean Filter Alert:** Notifies when filter cleaning is needed.
- **Included EZ Mount Installation Kit:** For quick and hassle-free setup.

SETUP AND INSTALLATION

The LG LW6023R comes with an EZ Mount installation kit for simplified setup in double-hung windows. It is recommended to have two people for installation due to the unit's weight (39.7 pounds).

Before You Begin:

- Check window dimensions: The unit measures 14.37"D x 17.32"W x 11.14"H. Ensure your window opening is compatible.
- Gather tools: Screwdriver, measuring tape, level.
- Verify power requirements: The unit operates on 115 Volts and requires a 15 Amp circuit.



Image illustrating the compact dimensions of the LG LW6023R and its easy installation process in a window.

Installation Steps:

1. **Prepare the Window:** Clean the window sill and frame.

2. **Attach Top Guide:** Secure the top guide to the top of the air conditioner using screws.
3. **Install Side Curtains:** Slide the side curtain panels into the side panel guides on the unit.
4. **Place Unit in Window:** Carefully lift the air conditioner and place it in the window opening, ensuring the bottom rail rests on the window sill.
5. **Secure Unit:** Lower the window sash behind the top guide of the unit. Extend the side curtain panels to fill the window opening and secure them with screws.
6. **Seal Gaps:** Apply the included foam strips and foam seal to seal any gaps around the unit and side curtains to prevent air leakage.
7. **Install Support Brackets:** Attach the "L" brackets to the window sill and the unit for additional support and stability.

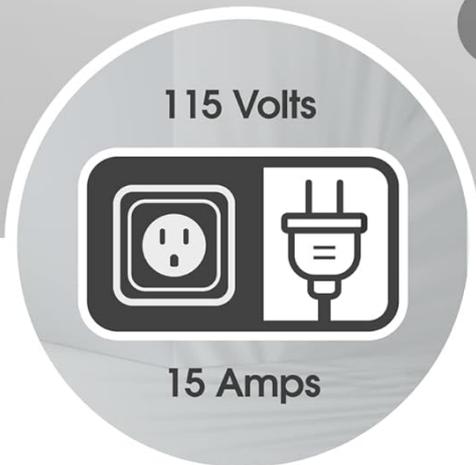
1 Washable Filter



2 Installation Kit : Curtain Panel
(Left, Right)



3 Power Cord
(Cord length : 72")



What's in the box

Contents of the LG LW6023R box, including the washable filter, left and right curtain panels, and the 115 Volt, 15 Amp power cord (72" length).

Your LG LW6023R air conditioner offers various modes and settings for personalized comfort. Use either the control panel on the unit or the full-function remote control.

Control Panel and Remote:

- **Power Button:** Turns the unit on or off.
- **Mode Button:** Cycles through Cool, Fan, and Dry modes.
- **Temp Up/Down Arrows:** Adjusts the desired temperature.
- **Fan Speed Button:** Selects fan speed (Low, Medium, High).
- **Timer Button:** Sets the 24-hour on/off timer.
- **Energy Saver:** Activates energy-saving mode for lower electricity consumption.
- **Clean Filter Alert:** Illuminates when the filter needs cleaning.

COOL
Mode

FAN
Mode

DRY
Mode

Versatile
3-in-1 Operation

Close-up of the LG LW6023R control panel, showing buttons for Mode, Timer, Fan Speed, Power, and temperature adjustments, along with indicators for Cool, Energy Saver, Fan, Dry, Wi-Fi, and Clean Filter.

Operating Modes:

- **Cool Mode:** Provides powerful cooling for hot days. Adjust temperature and fan speed as desired.
- **Fan Mode:** Circulates air in the room without cooling. Useful for ventilation.
- **Dry Mode (Dehumidifier):** Reduces humidity in the room, ideal for damp or rainy days.



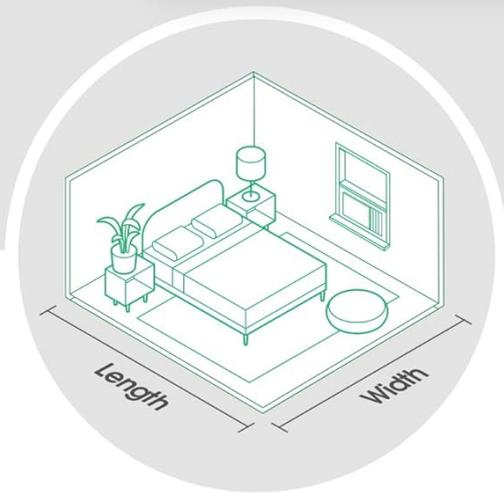
Slide-out Washable Filter

Visual representation of the LG LW6023R's 3-in-1 operation: Cool Mode for powerful cooling, Fan Mode for air circulation, and Dry Mode for dehumidification.

Choosing the Right AC Size:

To ensure efficient cooling, select the appropriate BTU for your room size. The LW6023R is rated for 260 sq. ft.

	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

Chart detailing recommended BTU levels for various room sizes (Small, Medium, Large, X-Large) and a formula for calculating room area.

Official Product Video:

Your browser does not support the video tag.

Official video from LG Electronics showcasing the features of LG Window Air Conditioners with Remote Control, highlighting ease of use and cooling capabilities.

MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your LG LW6023R air conditioner.

Cleaning the Air Filter:

The washable, reusable air filter should be cleaned every 30 days or when the "Clean Filter" alert illuminates on the control panel.

1. **Remove Filter:** Gently slide out the air filter from the front of the unit.

2. **Clean Filter:** Wash the filter with warm, soapy water. Rinse thoroughly.
3. **Dry Filter:** Allow the filter to air dry completely before reinserting. Do not use direct heat.
4. **Reinstall Filter:** Slide the dry filter back into its slot.
5. **Reset Filter Alert:** Press the "Filter Reset" button on the control panel (if applicable) to turn off the alert light.



Suitable for Small Rooms

Image demonstrating the easy removal and cleaning process of the slide-out washable filter.

Cleaning the Unit Exterior:

Wipe the exterior of the unit with a soft, damp cloth. Do not use harsh cleaners or abrasives.

TROUBLESHOOTING

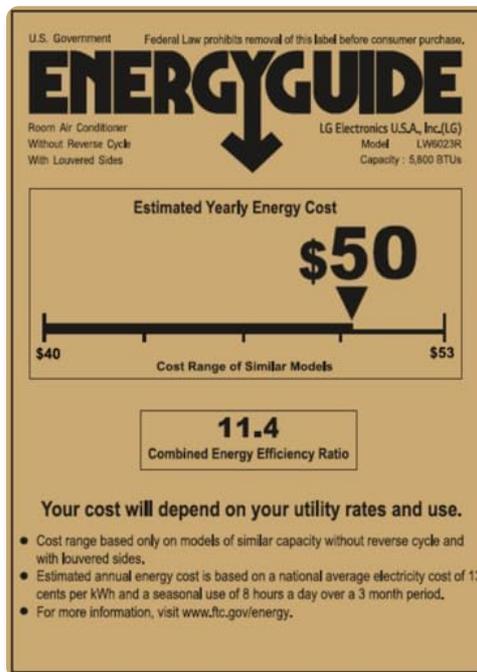
Before contacting service, review this section for common issues and their solutions.

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Air conditioner does not start.	Unit unplugged; fuse blown/circuit breaker tripped; power failure.	Ensure plug is firmly in outlet; replace fuse/reset breaker; wait for power to be restored.
Unit does not cool as it should.	Dirty air filter; blocked air intake/exhaust; room too large; windows/doors open.	Clean filter; remove obstructions; ensure unit is sized correctly; close windows/doors.
Unit is noisy.	Loose installation; fan hitting obstruction; normal operating sounds.	Check installation for tightness; remove obstruction; some sounds (e.g., fan, refrigerant) are normal.
Water dripping outside.	Normal operation during high humidity.	This is normal. The unit is removing humidity from the air.
Water dripping inside.	Unit not tilted slightly outward; drain plug clogged.	Ensure unit is tilted slightly to the outside for proper drainage; check and clear drain plug.

SPECIFICATIONS

Feature	Detail
Model Number	LW6023R
Cooling Power	5,800 BTU
Cooling Area	Up to 260 Sq.Ft.
Product Dimensions (DxWxH)	14.37" x 17.32" x 11.14"
Item Weight	39.7 pounds
Voltage	115 Volts
Noise Level	52 dB (low mode)
Refrigerant	R32 (Eco-friendly)
Included Components	Window installation kit (2 foam strips, foam seal, curtain panel, 3 "L" brackets, upper guide, screws)
Batteries Required (for remote)	2 AAA batteries (included)
Energy Efficiency Ratio (SEER)	11



Energy Guide label for the LG LW6023R, showing an estimated yearly energy cost of \$50 and a Combined Energy Efficiency Ratio of 11.4.

WARRANTY INFORMATION

The LG LW6023R Window Air Conditioner comes with a **1-year parts & labor warranty** from the manufacturer. Please retain your proof of purchase for warranty claims.

For detailed warranty terms and conditions, please refer to the warranty card included with your product or visit the official LG website.

SUPPORT AND CONTACT

For further assistance, technical support, or service inquiries, please contact LG Customer Service:

- **Online Support:** Visit the official LG website for FAQs, troubleshooting guides, and product registration.
- **Phone Support:** Refer to the contact information provided in your product documentation or on the LG website for regional support numbers.
- **User Manual (PDF):** A digital version of the user manual is available for download [here](#).