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LG LW2217IVSM

LG 22,000 BTU 230V Dual Inverter Window Air Conditioner with Wi-Fi Control Instruction Manual

Model: LW2217IVSM

1. Safety Information

Please read all safety instructions carefully before installation and operation. Failure to follow these instructions may result in injury or property damage.

- **Heavy Unit:** The air conditioner unit is heavy. Use an assistant to help lift and set the unit in place. Attempting to lift or maneuver the unit by yourself could result in injury.
- **Flammable Refrigerant:** This appliance uses a flammable refrigerant. If the refrigerant is leaked and exposed to an external ignition source, there is a risk of fire. Ensure proper installation and maintenance to prevent leaks.
- **Proposition 65 Warning:** This product may contain chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

2. Product Overview

The LG LW2217IVSM is a 22,000 BTU Dual Inverter Window Air Conditioner designed for efficient cooling and heating. It features Wi-Fi control for smart operation and an energy-saving dual inverter compressor.

Key Features:

- **Cooling Capacity:** 22,000 BTU, suitable for cooling areas up to 1300 sq. ft.
- **Dual Inverter Compressor:** Provides quiet operation and up to 25% energy savings.
- **Wi-Fi Control:** Compatible with LG ThinQ app, Alexa, and Google Assistant for remote control.
- **Multiple Fan Speeds:** Three powerful cooling and fan speeds (Low, Medium, High).
- **4-Way Air Direction:** Adjustable louvers for customized airflow.
- **Energy Saver Function:** Optimizes energy consumption.
- **24-Hour Programmable Timer:** Schedule operation for convenience.

- **Auto Restart:** Automatically resumes operation after a power outage.
- **Filter Alarm Function:** Indicates when the filter needs cleaning.
- **Removable Washable Filter:** Easy to clean and reuse.
- **Dimensions:** 25.98" (W) x 17.72" (H) x 26.22" (D). Net Weight: 110 lbs.



Figure 1: Front view of the LG 22,000 BTU Dual Inverter Window Air Conditioner.

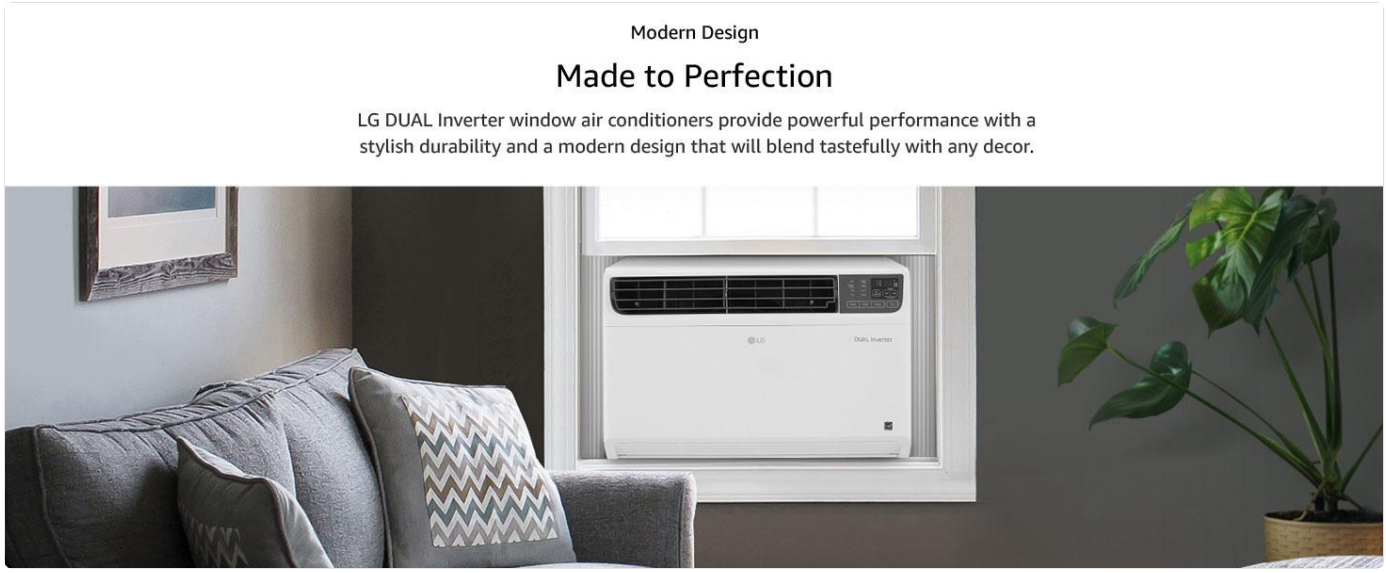


Figure 2: The modern design of the LG Dual Inverter window air conditioner, blending tastefully with various decors.

3. Setup and Installation

This unit is designed for window installation and features a slide-in/out chassis type for easier setup. Ensure your window opening meets the following requirements:

- **Minimum Window Width:** 26.22 Inches
- **Maximum Window Width:** 36 Inches
- **Minimum Window Height:** 36 Inches

Refer to the detailed installation instructions provided in the included manual for specific steps on securing the unit and installing window curtain panels. It is recommended to have two people for installation due to the unit's weight (110.2 lbs).

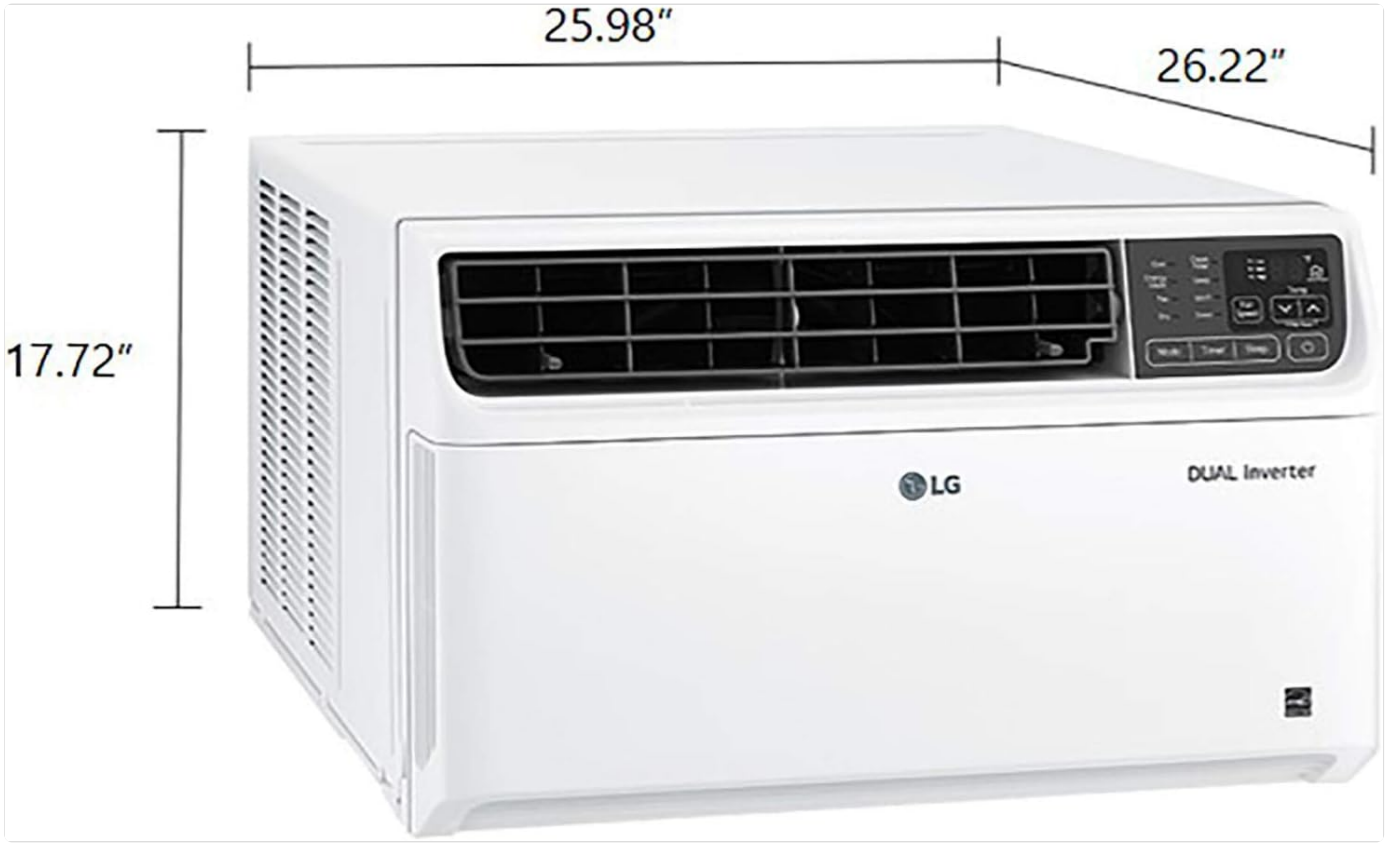


Figure 3: Product dimensions for proper window fit: 25.98" width, 17.72" height, 26.22" depth.

Wi-Fi Setup:

The LG ThinQ app allows for easy Wi-Fi setup and control. Download the LG ThinQ app from your device's app store and follow the in-app instructions to connect your air conditioner.

Video 1: This video demonstrates the Wi-Fi setup process for the LG Air Conditioner using the LG ThinQ app, highlighting its simplicity and ease of connection.

4. Operating Instructions

Your LG air conditioner can be operated using the control panel on the unit, the included remote control, or via the LG ThinQ app on your smartphone.

Control Panel and Remote:

The control panel features buttons for Mode (Cool, Energy Saver, Fan, Dry), Timer, Sleep, Fan Speed (Low, Medium, High), Temperature adjustment, and Power. The remote control offers similar functionality for convenient operation from a distance.

Video 2: This video provides a detailed overview of the control panel and remote functions, including setting temperature, fan speed, and various modes.

Smart Features (LG ThinQ App):

Once connected to Wi-Fi, you can control your air conditioner from anywhere using the LG ThinQ app. This includes:

- Turning the unit On/Off.
- Adjusting temperature and fan speed.
- Changing operating modes.
- Setting schedules and timers.
- Monitoring energy usage.

The unit is also compatible with voice commands via Alexa and Google Assistant.



Figure 4: The LG ThinQ AI system integrates with Hey Google and Alexa for convenient voice control.

Special Modes:

- **Sleep Mode:** Optimizes settings for comfortable sleep.
- **Auto Restart:** In case of a power outage, the unit will automatically resume its previous settings once power is restored.

Video 3: This video highlights the benefits and functionality of the Sleep option, demonstrating how it contributes to a comfortable night's rest.

Video 4: This video demonstrates the auto-restart feature, showing how the unit automatically resumes operation after a power interruption.

5. Maintenance

Regular maintenance ensures optimal performance and longevity of your air conditioner. The most important task is cleaning the air filter.

Cleaning the Air Filter:

The unit is equipped with a filter alarm function that will indicate when the filter needs cleaning. The air filter is removable and washable.

1. Open the front panel of the unit.
2. Carefully remove the air filter.
3. Wash the filter with lukewarm water and mild detergent.
4. Allow the filter to air dry completely before reinserting.
5. Close the front panel.
6. Reset the filter alarm (refer to the control panel instructions).

Video 5: This video demonstrates the process of cleaning the air filter, emphasizing its importance for maintaining air quality and unit efficiency.

6. Troubleshooting

If your air conditioner is not operating as expected, consider the following common issues before contacting customer support:

- **Unit not turning on:** Check if the power cord is securely plugged into a 230V outlet. Ensure there hasn't been a power outage.
- **Insufficient cooling/heating:** Verify that the temperature setting is appropriate for the desired comfort level. Check if the air filter is clean and not obstructed. Ensure windows and doors are closed to prevent air leakage.
- **Unusual noise:** Some operating noises are normal (e.g., fan, compressor). If the noise is excessive or unusual, ensure the unit is installed securely and not vibrating against the window frame.
- **Filter alarm light is on:** Clean or replace the air filter as described in the Maintenance section.

For persistent issues, refer to the full product user manual or contact LG customer support.

7. Specifications

Feature	Specification
Brand	LG
Model Number	LW2217IVSM
Cooling Power	22,000 British Thermal Units
Voltage	230 Volts
Wattage	2190 watts
Product Dimensions (DxWxH)	25.89"D x 26.22"W x 17.72"H
Net Weight	110.2 Pounds
Noise Level	62 Decibels (as low as 44dB in Sleep Mode)
Estimated Cooling Area	1300 sq. ft.
Special Feature	Wi-Fi Enabled
Refrigerant	R-32
Filter Type	Basic Air Filter (Washable)
Installation Type	Window
Compressor Type	Dual Inverter (Rotary Scroll)

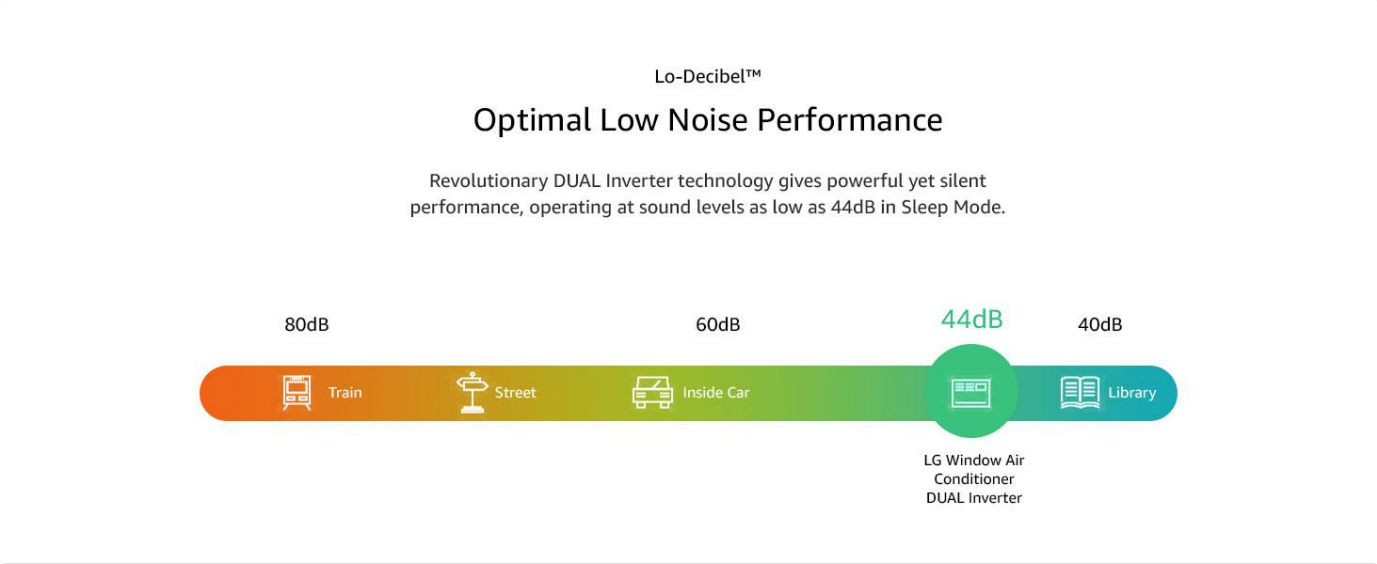


Figure 5: Noise level comparison showing the LG Dual Inverter operating as low as 44dB in Sleep Mode, comparable to a library setting.



Figure 6: Illustration of the revolutionary Dual Inverter Compressor technology, which contributes to quiet and efficient operation.

8. Warranty and Support

Your LG 22,000 BTU Dual Inverter Window Air Conditioner comes with a limited warranty.

- **Warranty Coverage:** 1 year for parts and labor.

For customer support, technical assistance, or warranty claims, please refer to the contact information provided in your product's included warranty documentation or visit the official LG website.

Ask a question about this manual

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

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