

## LG LP0624WFR

# LG LP0624WFR Portable Air Conditioner User Manual

Model: LP0624WFR | Brand: LG

## 1. IMPORTANT SAFETY INSTRUCTIONS

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Please read all instructions carefully before using your new portable air conditioner. Keep this manual for future reference.

- This appliance is intended for household use only.
- Do not operate the unit with a damaged cord or plug. If the supply cord is damaged, it must be replaced by the manufacturer, its service agent, or similarly qualified persons to avoid a hazard.
- Always unplug the air conditioner before cleaning or servicing.
- Do not block the air inlet or outlet openings.
- Ensure the unit is placed on a flat, stable surface to prevent tipping.
- Do not use the unit in a laundry room or other wet areas.
- Keep children away from the appliance.
- Use only the power supply specified on the rating label.

## 2. PRODUCT OVERVIEW

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The LG LP0624WFR is a 6,000 BTU (9,700 ASHRAE) portable air conditioner designed to cool rooms up to 260 square feet. It features 3-in-1 functionality for cooling, fan-only operation, and dehumidification.

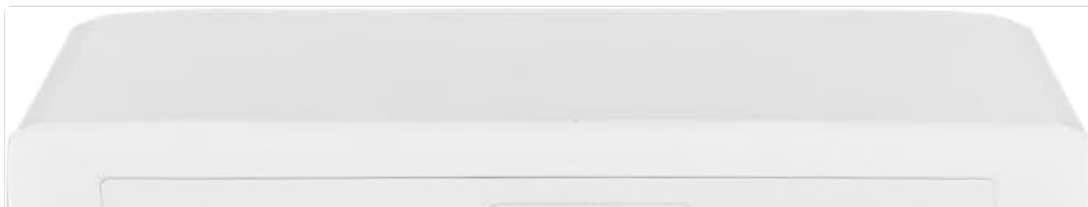






Figure 2.1: Front view of the LG LP0624WFR Portable Air Conditioner, showing the control panel and air outlet.

## 2.1 Key Features

- **Maximum Cooling:** Cools areas up to 260 square feet, suitable for small rooms, basements, or attics.
- **Multipurpose 3-in-1 Function:** Offers Cool mode for powerful cooling, Fan mode for air circulation, and Dry mode for dehumidification.
- **Easy to Use & Clean:** Features a simple remote control, top-mounted LED display, and a 24-hour timer. The filter is easily removable for cleaning.
- **Easy Storage and Installation:** Includes an installation kit and hose for convenient setup and compact storage.
- **Auto Swing:** Oscillating air vent technology for efficient cool air distribution.

## 2.2 Included Components

The following components are included with your portable air conditioner:



Figure 2.2: An illustration of the components included in the box, such as the air conditioning unit, window installation kit, remote controller, diffuser, flexible vent hose, and mounting bracket.

- Portable Air Conditioning Unit
- Remote Controller
- Window Installation Kit (Window vent / Extension panel)
- Flexible Vent Hose (Diameter: 5.9", Length: 17-59")
- Mounting Bracket
- Diffuser
- User Manual (this document)
- Warranty Card

### 3. INSTALLATION

#### 3.1 Choosing a Location

- Place the unit on a firm, level surface in a room that requires cooling.
- Ensure there is at least 20 inches (50 cm) of space around the unit for proper airflow.
- Position the unit near a window or opening to allow for exhaust hose installation.
- The unit requires a standard 115V, 15 Amp electrical outlet.

	Area to be cooled (Sq.Ft.)	Capacity Needed DOE/SACC BTU(ASHRAE)
<b>Small Room</b>	150 Sq.Ft	5,000 (8,000)
	250 Sq.Ft	6,000 (10,000)
	300	7,000 (11,000)
<b>Medium Room</b>	350	8,000 (12,000)
	450	10,000 (14,000)



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

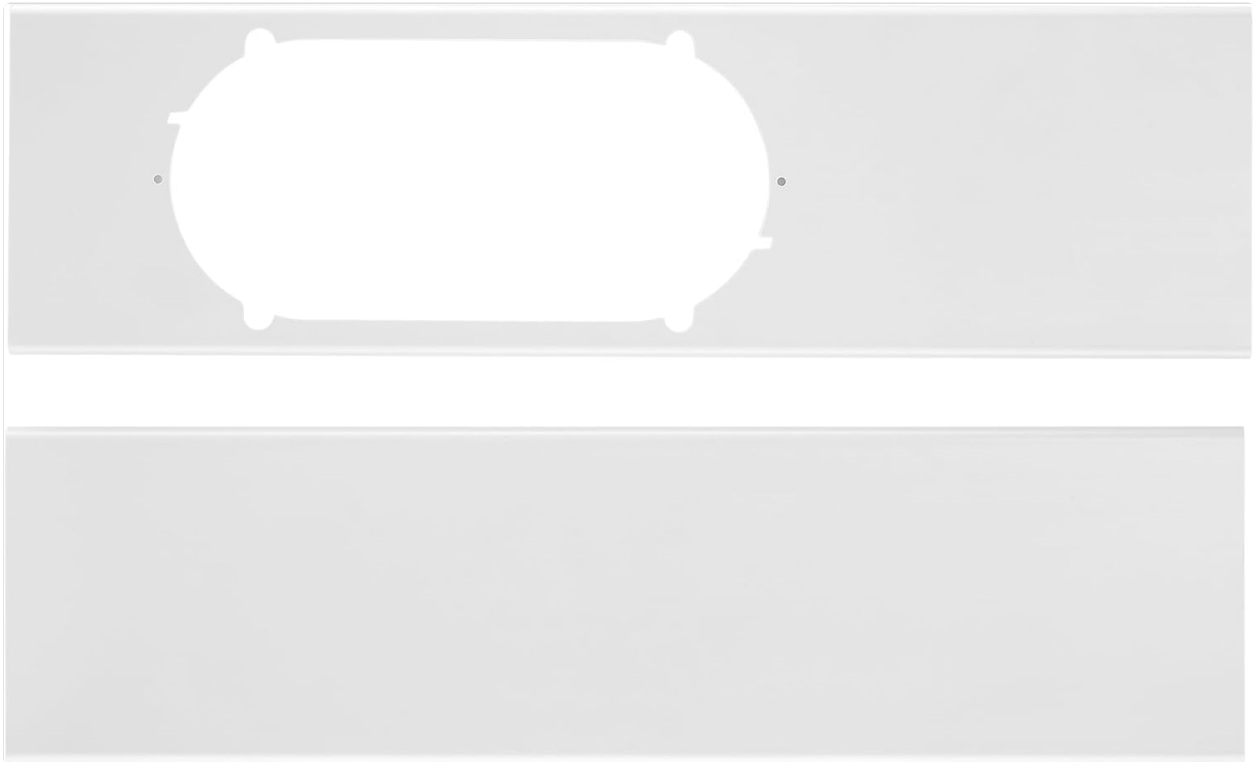
Choose the Right AC Size  
**Fit Your Room**

**Figure 3.1:** A chart illustrating recommended BTU capacity based on room square footage, along with a diagram on how to measure a room's area.

### 3.2 Window Installation Kit Assembly

The window installation kit is designed to fit most standard vertical and horizontal windows. Follow these steps to install the kit:

1. Measure the window opening.
2. Adjust the window vent and extension panel (if needed) to fit the window opening. Secure them together.
3. Place the assembled window kit into the window opening and close the window securely against it.



**Figure 3.2:** The window installation kit, consisting of a main panel with an exhaust opening and an adjustable extension panel.

### 3.3 Exhaust Hose Connection

Connect the flexible vent hose to the unit and the window kit:

1. Attach the mounting bracket to one end of the flexible vent hose.
2. Attach the diffuser to the other end of the flexible vent hose.
3. Connect the mounting bracket end of the hose to the exhaust outlet on the back of the air conditioner unit.
4. Insert the diffuser end of the hose into the opening of the window installation kit.



## Easy Installation

**Figure 3.3:** An illustration demonstrating the process of attaching the exhaust hose to the rear of the air conditioner unit and then connecting it to the window installation kit.



**Figure 3.4:** The portable air conditioner unit positioned with its exhaust hose properly installed and vented through a window.

## 4. OPERATION

Your LG portable air conditioner can be operated using the control panel on the unit or the included remote control.



## Maximum Usability

**Figure 4.1:** A detailed view of the unit's top-mounted LED display and control buttons, alongside the handheld remote control, highlighting temperature adjustment, fan speed, and on/off timer functions.

### 4.1 Control Panel

The control panel is located on the top of the unit and features an LED display and various buttons for controlling functions.

- **Power Button:** Turns the unit on or off.
- **Mode Button:** Cycles through Cool, Fan, and Dry modes.
- **Temperature Up/Down Buttons:** Adjusts the desired temperature setting.
- **Fan Speed Button:** Selects fan speed (Low, Medium, High).
- **Timer Button:** Sets the auto-on or auto-off timer.
- **Filter Reset Button:** Illuminates to remind you to clean the filter. Press and hold to reset after cleaning.

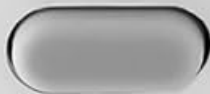
### 4.2 Remote Control

The remote control provides convenient access to all functions from a distance. Ensure batteries are correctly inserted.

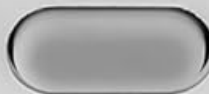




°F/°C [ 5 sec ]



MODE



FAN



SWING



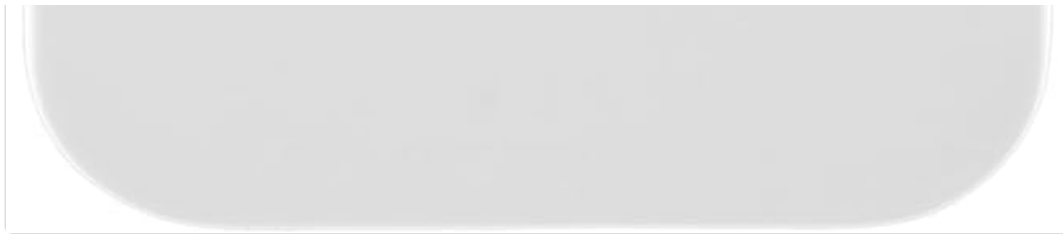
TIMER



DIMMER

Sleep [ 5 sec ]





**Figure 4.2:** The remote control unit, displaying buttons for power, mode selection, fan speed, temperature adjustment, swing, timer, and dimmer functions.

### 4.3 Operating Modes



**Figure 4.3:** A visual representation of the three primary operating modes: Cool mode for powerful cooling, Fan mode for air circulation, and Dry mode for dehumidification in damp conditions.

- **Cool Mode:** Provides powerful cooling and dehumidification. Set your desired temperature using the Up/Down buttons.
- **Fan Mode:** Circulates air without cooling. You can select different fan speeds.
- **Dry Mode (Dehumidification):** Reduces humidity in the room. The fan speed is automatically controlled in this mode.

### 4.4 Timer Function

The 24-hour timer allows you to set the unit to automatically turn on or off after a specified period.

- **To set Auto-Off:** With the unit running, press the Timer button, then use the Up/Down buttons to set the desired off time.
- **To set Auto-On:** With the unit off, press the Timer button, then use the Up/Down buttons to set the desired on time.

## 4.5 Auto Swing

Press the 'SWING' button on the remote control to activate the oscillating air vent, which helps distribute cool air more evenly throughout the room.

## 5. MAINTENANCE

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

### 5.1 Air Filter Cleaning

The air filter should be cleaned approximately twice a month, or more frequently depending on usage and air quality. A 'Filter Clean' indicator light on the control panel will illuminate as a reminder.

1. Turn off and unplug the unit.
2. Locate the air filter on the back of the unit.
3. Slide the filter out gently.
4. Rinse the filter thoroughly under running water. For heavy dust, use a mild detergent and warm water.
5. Allow the filter to air dry completely before reinserting. Do not expose to direct sunlight.
6. Once the filter is reinserted, plug in the unit and press and hold the 'Filter Reset' button for 3 seconds to clear the indicator light.

### 5.2 Draining Water

During cooling and dehumidification, water collects inside the unit. The unit has a self-evaporative system, but in high humidity conditions, manual draining may be necessary. The unit will stop operating and display an error code (e.g., 'FL' for full tank) when the water tank is full.

1. Turn off and unplug the unit.
2. Place a shallow pan or tray under the drain port located at the bottom rear of the unit.
3. Remove the drain plug. Water will begin to flow out.
4. Once all water has drained, replace the drain plug securely.

### 5.3 Storage

If the unit will not be used for an extended period:

1. Drain all accumulated water from the unit.
2. Clean the air filter.
3. Run the unit in Fan mode for a few hours to dry the interior.
4. Unplug the power cord and wrap it neatly.
5. Store the unit in a cool, dry place, preferably covered to protect from dust.

## 6. TROUBLESHOOTING

Before contacting customer support, please refer to the following troubleshooting guide for common issues.

Problem	Possible Cause	Solution
Unit does not turn on	No power supply Power cord not plugged in Circuit breaker tripped	Check power outlet Ensure cord is securely plugged in Reset circuit breaker
Unit is running but not cooling	Air filter is dirty Exhaust hose not properly installed Room size too large Windows/doors open	Clean air filter Ensure exhaust hose is securely connected and vented Verify unit capacity matches room size Close all windows and doors
Unit is noisy	Unit not on a level surface Air filter dirty	Place unit on a flat, stable surface Clean air filter
Water leakage	Drain plug not secured Water tank full (in high humidity)	Ensure drain plug is tightly closed Drain the water tank manually
Remote control not working	Batteries dead or incorrectly inserted Obstruction between remote and unit	Replace batteries, check polarity Remove any obstructions

## 7. SPECIFICATIONS

Detailed technical specifications for the LG LP0624WFR Portable Air Conditioner.



**Figure 7.1:** A visual representation of the portable air conditioner with its key dimensions labeled: 13.57 inches depth, 11.8 inches width, and 26.38 inches height.

Feature	Specification
Model Number	LP0624WFR
Cooling Power	6,000 BTU (DOE/SACC) / 9,700 BTU (ASHRAE)
Coverage Area	Up to 260 Square Feet
Product Dimensions (D x W x H)	13.57 x 11.8 x 26.38 inches
Item Weight	53.6 pounds
Voltage	115 Volts
Noise Level	51 dB
Refrigerant	R-32
Dehumidification Capacity	2.2 Pints
Color	White
Special Features	Dehumidifier, Dust Filter, Filter Light Reminder, Multiple Cooling and Fan Speeds, Remote Controlled

## 8. WARRANTY INFORMATION

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This LG portable air conditioner comes with a **1-year warranty** covering parts and labor from the date of purchase. Please retain your proof of purchase for warranty claims. For detailed terms and conditions, refer to the warranty card included with your product or visit the official LG website.

## 9. CUSTOMER SUPPORT

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For technical assistance, service, or questions regarding your LG LP0624WFR Portable Air Conditioner, please contact LG Customer Service. Contact information can be found on the LG official website or on your warranty card.