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OWNER'S MANUAL

AIR CONDITIONER

Please read this manual carefully before operating your set and retain it for future reference.

TYPE : Art Cool Gallery Series

www.lg.com

P/NO : MFL67870210

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FOR YOUR RECORDS

Write the model and serial numbers here:

Model #

Serial #

You can find them on a label on the side of each unit.

Dealer's Name

Date Purchased

■ Staple your receipt to this page in the event you need to prove date of purchase or to issue warranty.

READ THIS MANUAL

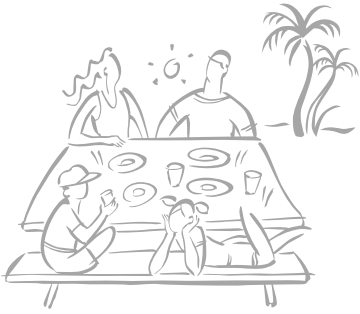
Inside you will find many helpful hints on how to use and maintain your air conditioner properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your air conditioner.

You'll find many answers to common problems in the chart of troubleshooting tips. If you review our chart of

Troubleshooting Tips first, you may not need to call for service at all.

PRECAUTION

- **Contact the authorized service technician for repair or maintenance of this unit.**
- **Contact the installer for installation of this unit.**
- **The air conditioner is not intended for use by young children or invalids without supervision.**
- **Young children should be supervised to ensure that they do not play with the air conditioner.**
- **When the power cord is to be replaced, replacement work shall be performed by authorized personnel only using only genuine replacement parts.**
- **Installation work must be performed in accordance with the National Electric Code by qualified and authorized personnel only.**



Safety Precautions

To prevent injury to the user or other people and property damage, the following instructions must be followed.

■ Incorrect operation due to ignoring instruction will cause harm or damage. The seriousness is classified by the following indications.

⚠ WARNING	This symbol indicates the possibility of death or serious injury.
⚠ CAUTION	This symbol indicates the possibility of injury or damage to properties only.

■ Meanings of symbols used in this manual are as shown below.

⃠	**Be sure not to do.**
❗	**Be sure to follow the instruction.**

⚠ WARNING

■ Installation

Do not use a defective or underrated circuit breaker. Use this appliance on a dedicated circuit.

- There is risk of fire or electric shock.

For electrical work, contact the dealer, seller, a qualified electrician, or an Authorized Service Center.

- Do not disassemble or repair the product. There is risk of fire or electric shock.

Always ground the product.

- There is risk of fire or electric shock.

Install the panel and the cover of control box securely.

- There is risk of fire or electric shock.

Always install a dedicated circuit and breaker.

- Improper wiring or installation may cause fire or electric shock

Use the correctly rated breaker or fuse.

- There is risk of fire or electric shock.

Do not modify or extend the power cable.

- There is risk of fire or electric shock.

Do not install, remove, or re-install the unit by yourself (customer).

- There is risk of fire, electric shock, explosion, or injury.

Be cautious when unpacking and installing the product.

- Sharp edges could cause injury. Be especially careful of the case edges and the fins on the condenser and evaporator.

For installation, always contact the dealer or an Authorized Service Center.

- There is risk of fire, electric shock, explosion, or injury.

Do not install the product on a defective installation stand.

- It may cause injury, accident, or damage to the product.

Be sure the installation area does not deteriorate with age.

- If the base collapses, the air conditioner could fall with it, causing property damage, product failure, and personal injury.

■ Operation

Do not let the air conditioner run for a long time when the humidity is very high and a door or a window is left open.

- Moisture may condense and wet or damage furniture.

Take care to ensure that power cable could not be pulled out or damaged during operation.

- There is risk of fire or electric shock.

Do not place anything on the power cable.

- There is risk of fire or electric shock.

Do not plug or unplug the power supply plug during operation.

- There is risk of fire or electric shock.

Do not touch(operate) the product with wet hands.

- There is risk of fire or electrical shock.

Do not place a heater or other appliances near the power cable.

- There is risk of fire and electric shock.

Do not allow water to run into electric parts.

- It may cause There is risk of fire, failure of the product, or electric shock.

Do not store or use flammable gas or combustibles near the product.

- There is risk of fire or failure of product.

Do not use the product in a tightly closed space for a long time.

- Oxygen deficiency could occur.

When flammable gas leaks, turn off the gas and open a window for ventilation before turn the product on.

- Do not use the telephone or turn switches on or off.
  There is risk of explosion or fire

If strange sounds, or small or smoke comes from product. Turn the breaker off or disconnect the power supply cable.

- There is risk of electric shock or fire.

Stop operation and close the window in storm or hurricane. If possible, remove the product from the window before the hurricane arrives.

- There is risk of property damage, failure of product, or electric shock.

Do not open the inlet grill of the product during operation. (Do not touch the electrostatic filter, if the unit is so equipped.)

- There is risk of physical injury, electric shock, or product failure.

When the product is soaked (flooded or submerged), contact an Authorized Service Center.

- There is risk of fire or electric shock.

Be cautious that water could not enter the product.

- There is risk of fire, electric shock, or product damage.

Ventilate the product from time to time when operating it together with a stove, etc.

- There is risk of fire or electric shock.

Turn the main power off when cleaning or maintaining the product.

- There is risk of electric shock.

When the product is not be used for a long time, disconnect the power supply plug or turn off the breaker.

- There is risk of product damage or failure, or unintended operation.

Take care to ensure that nobody could step on or fall onto the outdoor unit.

- This could result in personal injury and product damage.

⚠ CAUTION

■ Installation

Always check for gas (refrigerant) leakage after installation or repair of product.

- Low refrigerant levels may cause failure of product.

Install the drain hose to ensure that water is drained away properly.

- A bad connection may cause water leakage.

Keep level even when installing the product.

- To avoid vibration or water leakage.

Do not install the product where the noise or hot air from the outdoor unit could damage the neighborhoods.

- It may cause a problem for your neighbors.

Use two or more people to lift and transport the product.

- Avoid personal injury.

Do not install the product where it will be exposed to sea wind (salt spray) directly.

- It may cause corrosion on the product. Corrosion, particularly on the condenser and evaporator fins, could cause product malfunction or inefficient operation.

■ Operation

Do not expose the skin directly to cool air for long periods of time. (Don't sit in the draft.)

- This could harm to your health.

Do not use the product for special purposes, such as preserving foods, works of art, etc. It is a consumer air conditioner, not a precision refrigeration system.

- There is risk of damage or loss of property.

Do not block the inlet or outlet of air flow.

- It may cause product failure.

Use a soft cloth to clean. Do not use harsh detergents, solvents, etc.

- There is risk of fire, electric shock, or damage to the plastic parts of the product.

Do not touch the metal parts of the product when removing the air filter. They are very sharp!

- There is risk of personal injury.

Do not step on or put anyting on the product. (outdoor units)

- There is risk of personal injury and failure of product.

Always insert the filter securely. Clean the filter every two weeks or more often if necessary.

- A dirty filter reduces the efficiency of the air conditioner and could cause product malfunction or damage.

Do not insert hands or other objects through the air inlet or outlet while the product is operated.

- There are sharp and moving parts that could cause personal injury.

Do not drink the water drained from the product.

- It is not sanitary and could cause serious health issues.

Use a firm stool or ladder when cleaning or maintaining the product.

- Be careful and avoid personal injury.

Replace the all batteries in the remote control with new ones of the same type. Do not mix old and new batteries or different types of batteries.

- There is risk of fire or explosion

Do not recharge or disassemble the batteries. Do not dispose of batteries in a fire.

- They may burn or explode.

If the liquid from the batteries gets onto your skin or clothes, wash it well with clean water. Do not use the remote if the batteries have leaked.

- The chemicals in batteries could cause burns or other health hazards.

If you eat the liquid from the batteries, brush your teeth and see doctor. Do not use the remote if the batteries have leaked.

- The chemicals in batteries could cause burns or other health hazards.

Prior to Operation

Preparing for operation

1. Contact an installation specialist for installation.
2. Use a dedicated circuit.

Usage

1. Being exposed to direct airflow for an extended period of time could be hazardous to your health. Do not expose occupants, pets, or plants to direct airflow for extended periods of time.
2. Due to the possibility of oxygen deficiency, ventilate the room when used together with stoves or other heating devices.
3. Do not use this air conditioner for non-specified special purposes (e.g. preserving precision devices, food, pets, plants, and art objects). Such usage could damage the items.

Cleaning and maintenance

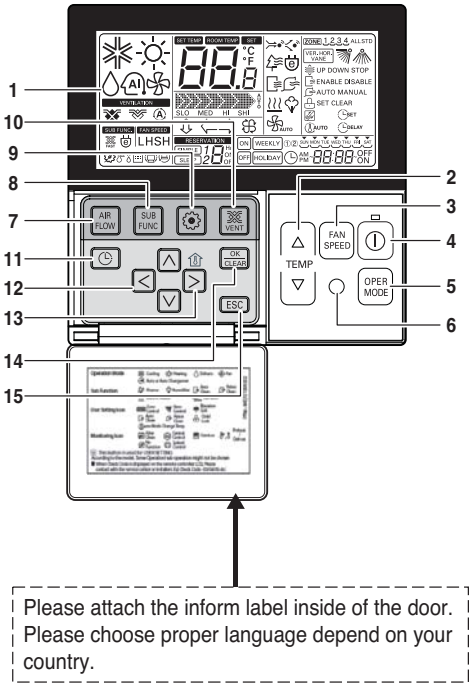
1. Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
2. Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to possible electric shock.
3. When cleaning the unit, first make sure that the power and breaker are turned off. The fan rotates at a very high speed during operation. There is a possibility of injury if the unit's power is accidentally triggered on while cleaning inner parts of the unit.

Service

For repair and maintenance, contact your authorized service dealer.

Operating Instructions

Name and function of wired remote controller(Accessory)



Please attach the inform label inside of the door. Please choose proper language depend on your country.

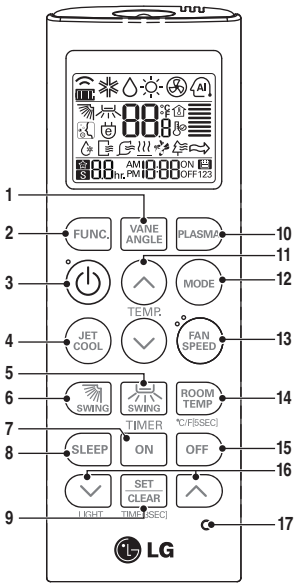
1. **Operation indication screen**
2. **Set temperature button**
   - It will set not room temperature but outlet air temperature.
3. **Fan speed button**
   - Fan Speed have 3 Steps.
   - Middle and Low step is same
4. **ON/OFF button**
5. **Opration mode selection button**
6. **Wireless remote controller receiver**
   - Some products don't receive the wireless signals.
7. **Air flow button**
8. **Subfunction button**
9. **Function setting button**
10. **Ventilation button**
11. **Reservation**
12. **Up,down,left,right button**
    - To check the indoor temperature, press button.
13. **Room temperature button**
    - Displays only the room temperature of the remote controller perception.
    - There is no control of room temperature.
    - In case of fresh air intake unit, displays only the temperature around remote controller.
14. **Setting/Cancel button**
15. **Exit button**

※ Some functions may not be operated and displayed depending on the product type.

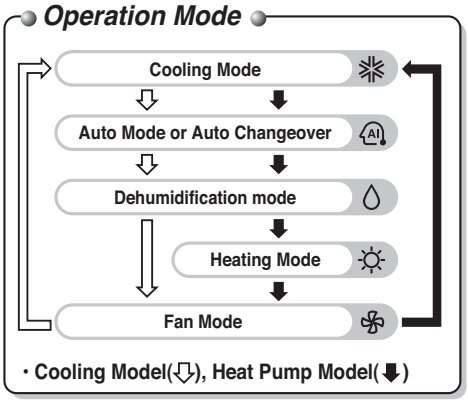
※ It will display strange value to the room temperature if wired remote controller is not connected.

Model : PQRCVSL0 (Black Color)
PQRCVSL0QW (White Color)

Name and function of wired remote controller(Optional)



PQWRCQ0FDB (Cooling only)
PQWRHQ0FDB (Heat pump)



1. VANE ANGLE Button
Used to set each vane angle.

2. FUNCTION SETTING Button
Used to set or clear Auto Clean, Smart Clean, Electric heater or Individual vane angle control.

3. ON/OFF Button
Used to turn on/off the unit.

4. JET COOL Button
Speed cooling operates super high fan speed.

5. LEFT/RIGHT AIRFLOW Button (OPTIONAL)
Used to set the desired left/right(horizontal) airflow direction.

6. UP/DOWN AIRFLOW Button
Used to stop or start louver movement and set the desired up/down airflow direction.

7. ON TIMER Button
Used to set the time of starting operation.

8. SLEEP TIMER Button
Used to set the time of sleeping operation.

9. SET / CLEAR Button
Used to set/clear the timer.
Used to set the current time(if it input for 3sec.)

10. PLASMA Button (OPTIONAL)
Used to start or stop the plasma-purification function.

11. ROOM TEMPERATURE SETTING Button
Used to select the room temperature.

12. OPERATION MODE SELECTION Button
Used to select the operation mode.

13. INDOOR FAN SPEED SELECTION Button
Used to select fan speed in four steps low, medium, high and chaos.

14. ROOM TEMPERATURE CHECKING Button
Used to check the room temperature.

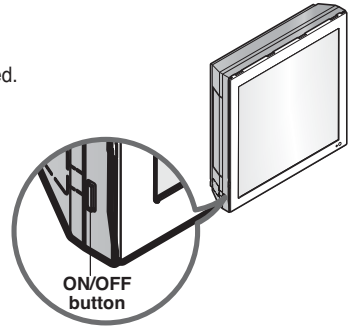
15. OFF TIMER Button
Used to set the time of stopping operation.

16. TIMER SETTING(Up/Down)/LIGHT Button
Used to set the timer.
Used to adjust the brightness.(if it is not time adjust mode)

17. RESET Button
Used to reset the remote controller.

Forced operation

Operation procedures when the remote control can't be used.
The operation will be started if the power button is pressed.
If you want to stop operation, re-press the button.



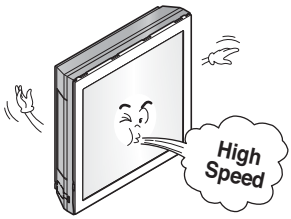
	Cooling Model	Heat pump Model		
		Room Temp. ≥ 24°C	21°C ≤ Room Temp. < 24°C	Room Temp. < 21°C
Operating mode	Cooling	Cooling	Healthy Dehumidification	Heating
Indoor FAN Speed	High	High	High	High
Setting Temperature	22°C	22°C	23°C	24°C

Test operation

During the TEST OPERATION, the unit operates in cooling mode at high speed fan, regardless of room temperature and resets in 18 minutes.
During test operation, if remote controller signal is received, the unit operates as remote controller sets.
If you want to use this operation, Press and hold the ON/OFF button for 3~5 seconds, then the buzzer sound 1 "beep".
If you want to stop the operation, re-press the button.

Auto restart

In case the power comes on again after a power failure, Auto Restarting Operation is the function to operate procedures automatically to the previous operating conditions.
So there is no need of activating this function by pressing any key or button.
In the initial mode, the fan operates at a low speed and the compressor starts 2.5~3 minutes later.
As the compressor starts, the fan speed also resumes its previous setting mode.



Helpful information

Fan speed and cooling capacity.
The cooling capacity indicated in the specification is the value when the fan speed is set to high, and the capacity will be lower at low or medium fan speed.
High fan speed is recommended when you wish to cool the room quickly.

NOTE

Auto restart function has set enable as factory default.
But customer can set up by following this instruction.

To be disable function

- Press and hold the ON/OFF button for 6 seconds, then the buzzer sound 2 "beep" and the indicator lamp (1) blinks 4 times.

To be enable function

- Press and hold the ON/OFF button for 6 seconds, then the buzzer sound 2 "beep" and the indicator lamp (1) brights 4 times.

Maintenance and Service

⚠ CAUTION

Before performing any maintenance, turn off the main power to the system, disconnect the circuit breaker and unplug the power cord.

Indoor Unit

Clean the unit with a soft dry cloth. Do not use bleach or abrasives.

⚠ CAUTION

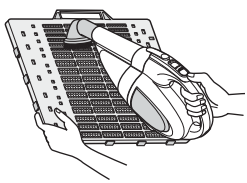
Never use any of these
- Water hotter than 40°C. It may cause deformation and discoloration.
- Volatile substances. They may damage the surface of the air conditioner.

Air Filters

The air filters behind the front panel / grill should be checked and cleaned once in every 2 weeks or more often if necessary. To remove the filters see the self explanatory diagrams for each model type. Clean the filters with a vacuum cleaner or warm soapy water. If dirt is not easily removed, wash with a solution of detergent in luke warm water. Dry well in shade after washing and reinstall the filters back in place.

Plasma Filters

The plasma filters behind the air filter should be checked and cleaned once in every 3 months or more often if necessary. To remove the filters see the self explanatory diagrams for each model type. Clean the filters with a vacuum cleaner. If it is dirty wash it with water and dry well in shade an install back in place.



Deodorizer Filters

Remove the deodorizer filters behind the air filter and expose them in direct sunlight for 2 hours.
And then insert these filters into original position.

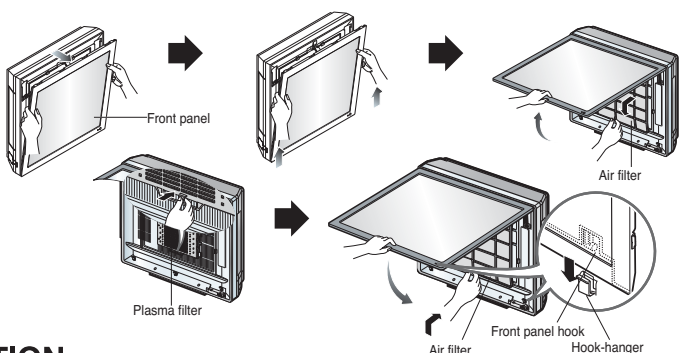
Removal of Filters

1. Art Cool Type :

Pull out the upper section of front panel and lift it up. Take out a filter with front panel held.

With PUSH button pressed, pull out grip to take out a plasma filter. Dry it completely in the shade after cleaning.

Then set a plasma filter and a filter orderly. Put the hook of front panel onto the hanger, in order to close the front panel.

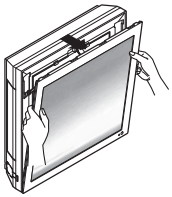


⚠ CAUTION

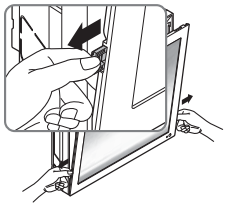
Don't touch this plasma filter within 10 seconds after opening the inlet grille, it may cause an electric shock.

How to replace picture & photograph

1. Turn off power and then open the upper part of front panel.

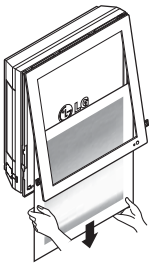


2. Pull out the both links of lower part of front panel, as described in the below picture.

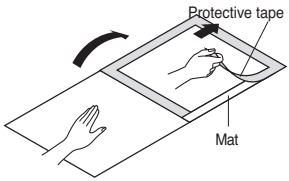


3. Push and close the top part of the front panel and then pull the bottom part of the panel forward until it is secured.

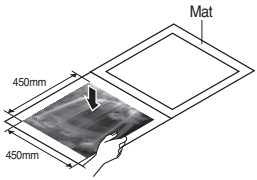
4. Take out picture.



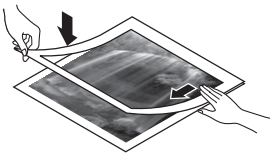
5. Turn upside-down of the picture and turn over mat, then take off a protective tape attached at the mat.



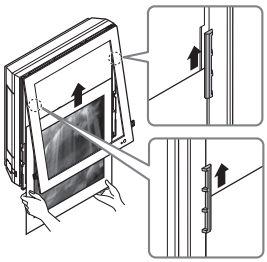
6. Place the picture/photograph between the exited picture and mat. (Recommended size of a photo/picture: 450mm x 450mm)



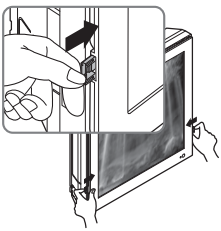
7. Cover mat and press down with hand(s) until contacting closely.



8. Slide the photo graph/drawing requested under both hanger parts as following, and fix them. Press the front panel lightly to close.

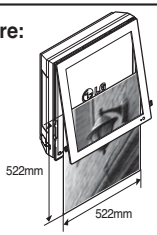


9. Push both links of lower part of panel inside and fix it. Then turn on.



※ **In case a mat is not used, recommended size of a photo/picture:**
522mm x 522mm

When powering on after replacing filter and picture, the front panel doesn't intervene.



When the air conditioner is not going to be used for a long time.

When air conditioner is not going to be used for a long time.

1. **Operate the air conditioner on Air circulation mode for 2 to 3 hours.**
   - This will dry out the internal mechanisms.
2. **Turn off the circuit breaker.**

⚠ CAUTION

Turn off the circuit breaker when the air conditioner is not going to be used for a long time.
Dirt may collect and may cause a fire.

3. **Remove the batteries from the remote controller.**

When the air conditioner is used again.

1. **Clean the air filter and install it in the indoor unit.**
   (Refer to page 11 for cleaning filters.)
2. **Check that the air inlet and outlet of the indoor/outdoor unit are not blocked.**
3. **Check that the ground wire is connected correctly. It may be connected to the indoor unit side.**

Operation Tips

Do not overcool the room.

This is not good for the health and wastes electricity.

Keep blinds or curtains closed.

Do not let direct sunshine enter the room when the air conditioner is in operation.

Keep the room temperature uniform.

Adjust the vertical and horizontal airflow direction to ensure a uniform temperature in the room.

Make sure that the doors and windows are shut tight.

Avoid opening doors and windows as much as possible to keep the cool air in the room.

Clean the air filter regularly.

Blockages in the air filter reduces the airflow and lowers the cooling and dehumidifying effects. Clean at least once in every two weeks.

Ventilate the room occasionally.

Since windows are kept closed, it is a good idea to open them and ventilate the room now and then.

Before you call for service...

Troubleshooting Tips! Save time and money!

Check the following points before requesting repairs or service.... If the malfunction persists, please contact your dealer.

Case	Explanation	See page
The air conditioner does not operate.	• Have you made a mistake in timer operation? • Has the fuse blown or has the circuit breaker been tripped?	
The room has a peculiar odor.	• Check that this is not a damp smell exuded by the walls, carpet, furniture, or cloth items in the room.	
It seems that condensation is leaking from the air conditioner.	• Condensation occurs when the airflow from the air conditioner cools the warm room air.	
Air conditioner does not operate for about 3 minutes when restarted.	• This is the protector of the mechanism. • Wait about three minutes and operation will begin.	
Does not cool or heat effectively.	• Is the air filter dirty? See air filter cleaning instructions. • Has the temperature been set incorrectly? • Are the indoor unit's air inlet or outlet vents obstructed?	10
The air conditioner operation is noisy.	• For a noise that sounds like water flowing. -This is the sound of freon flowing inside the air conditioner unit. • For a noise that sounds like the compressed air releasing into atmosphere. -This is the sound of the dehumidifying water being processed inside the air conditioning unit.	
Remote controller display is faint, or no display at all.	• Are the batteries depleted? • Are the batteries inserted in the opposite (+) and (-) directions?	7
Crack sound is heard.	• This sound is generated by the expansion/constriction of the front panel, etc. due to changes of temperature.	

NOTE

WATER RESISTANT: The indoor unit is not water resistant and should not be exposed to excess water.

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