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ENGLISH
Tiếng Việt

OWNER'S MANUAL

AIR CONDITIONER

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

MULTI TYPE CEILING CONCEALED DUCT

P/NO : MFL42619416

www.lg.com

TIPS FOR SAVING ENERGY

Here are some tips that will help you minimize the power consumption when you use the air conditioner. You can use your air conditioner more efficiently by referring to the instructions below:

- Do not cool excessively indoors. This may be harmful for your health and may consume more electricity.
- Block sunlight with blinds or curtains while you are operating the air conditioner.
- Keep doors or windows closed tightly while you are operating the air conditioner.
- Adjust the direction of the air flow vertically or horizontally to circulate indoor air.
- Speed up the fan to cool or warm indoor air quickly, in a short period of time.
- Open windows regularly for ventilation as the indoor air quality may deteriorate if the air conditioner is used for many hours.
- Clean the air filter once every 2 weeks. Dust and impurities collected in the air filter may block the air flow or weaken the cooling / dehumidifying functions.

For your records

Staple your receipt to this page in case you need it to prove the date of purchase or for warranty purposes. Write the model number and the serial number here:

Model number : _____

Serial number : _____

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

Dealer's name : _____

Date of purchase : _____

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE.

Always comply with the following precautions to avoid dangerous situations and ensure peak performance of your product

WARNING

It can result in serious injury or death when the directions are ignored

CAUTION

It can result in minor injury or product damage when the directions are ignored

WARNING

- Installation or repairs made by unqualified persons can result in hazards to you and others.
- The product shall be installed according to the Wiring regulations of the corresponding country.
- The information contained in the manual is intended for use by a qualified service technician familiar with safety procedures and equipped with the proper tools and test instruments.
- Failure to carefully read and follow all instructions in this manual can result in equipment malfunction, property damage, personal injury and/or death.

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.
- 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.

Operation

- 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.

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BEFORE USE

Preparing for operation

- Contact an installation specialist for installation.
- Use a dedicated circuit.

Usage

- 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.
- Due to the possibility of oxygen deficiency, ventilate the room when used together with stoves or other heating devices.
- 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

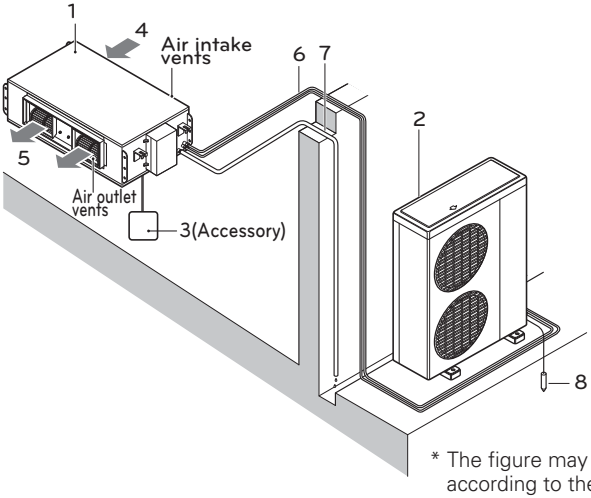
- Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
- Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to possible electric shock.
- When cleaning the unit, first make sure 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.

PRODUCT INTRODUCTION

Name and function of parts

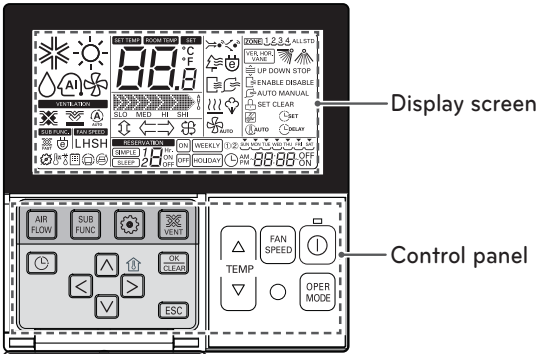


* The figure may be slightly different according to the model.

1: Indoor unit
2: Outdoor unit
3: Wired remote controller
4: Inlet air
5: Discharge air
6: Refrigerant piping, connection electric wire
7: Drain pipe
8: Ground wire
wire to ground outdoor unit to prevent electrical shocks.

Using the remote control

Wired remote control (Accessory)

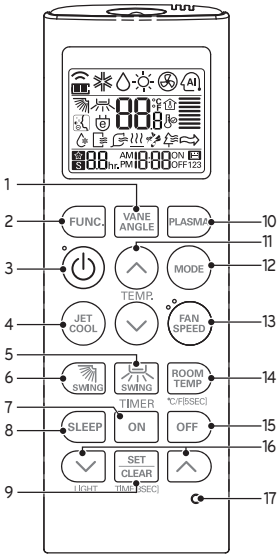


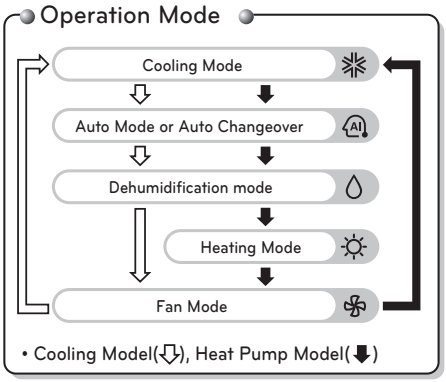
Control panel	Display screen	Description
TEMP	88.5	**Temperature adjustment button:** Adjusts the room temperature when cooling and heating.
FAN SPEED	SLO MED H SHI	**Indoor fan speed button:** Adjusts the fan speed.
	-	**On/Off button:** Turns the power on/off.
OPER MODE		**Operation mode selection button*:** Selects the operation mode. Cooling Operation/ Auto Operation/ Dehumidifying Operation/ Heating Operation/ Fan Operation
AIR FLOW		**Air flow direction selection button*:** Adjusts the air flow direction vertically or horizontally.
SUB FUNC	AUTO ZONE 1234 AUTO	**Subfunctions button*:** Sets additional functions including plasma purification, dehumidifying, electric heating and the child lock.
	-	**Function setting button** - Enters custom setting mode. - Enters remote control setting mode (press for longer than 3 seconds).
VENT	AUTO VENT	**Air circulation button*:** Circulates indoor air without cooling or heating.
	RESERVATION SIMPLE SLEEP ON OFF WEEKLY HOLIDAY	**Reservation functions button:** Selects the reservation mode. Simple/ Sleep/ On/ Off/ Weekly/ Holiday reservation
	-	**Navigation and functions button:** Adjusts the time and sets the special functions. - : Displays the room temperature.
OK CLEAR	-	**OK/ Clear button:** Setting or cancels functions.
●	-	Wireless remote controller receiver

* 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)
For more details refer to the wired remote control accessory manual.

You can operate the air conditioner more conveniently with the remote control. You will find the buttons for the additional functions under the cover of the remote control.

Wireless remote control (Accessory)





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.

MAINTENANCE AND SERVICE

Indoor Unit

Grille, Case and Remote Control

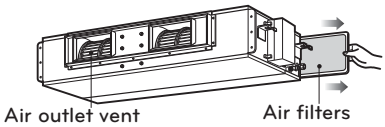
- Turn the system off before cleanining, To clean, wipe with a soft, dry cloth. Do not use bleach or abrasives.

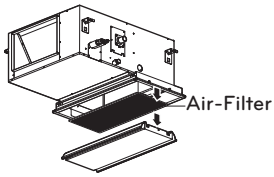
NOTE

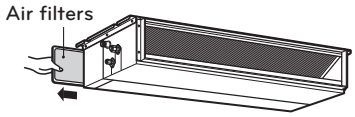
Supply power must be disconnected before cleaning the indoor unit.

Air Filters

The air filters behind the front grille should be checked and cleaned once every 2 weeks or more often if neccessary.







- Never use any of the followings:

  Water hotter than 40°C.
  Could cause deformation and/or discoloration.

  Volatile substances.
  Could damage the surfaces of the air conditioner.

- Remove the Air filters.

  Take hold of the tab and pull slightly forward to remove the filter.

CAUTION

When the air filter is to be removed, do not touch the metal parts of the indoor unit.
It may cause an injury.

- Clean dirt from the air filter using a vacuum cleaner or washing with water.

  If dirt is conspicuous, wash with a neutral detergent in lukewarm water.

  If hot water (50°C or more) is used, it may be deformed.

- After washing with water, dry well in the shade.

  Do not expose the air filter to direct sunlight or heat from a fire when drying it.

- Install the air filter.

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 reduce the airflow and lower cooling and dehumidifying effects. Clean at least once 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.

When the air conditioner is not going....

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

- Operate the air conditioner at the following settings for 2 to 3 hours.

  Type of operation: Fan operation mode. (refer to the wired remote control accessory manual.)

  This will dry out the internal mechanisms.
- Turn off the breaker.

CAUTION

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

- Remove the batteries from the Remote Controller.

Helpful information

The air filters and your electiric bill.

If the air filters become clogged with dust, the cooling capacity will drop, and 6% of the electricity used to operate the air conditioner will be wasted.

When the air conditioner is to be used again.

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

Troubleshooting Tips! Save time and money!

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

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 restart.** - 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. - The room may have been very hot when the room air conditioner was first turned on. Allow time for it to cool down. - Has the temperature been set incorrectly? - Are the indoor unit's air inlet or outlet vents obstructed?	**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.	**Crack sound is heard.** - This sound is generated by the expansion/ constriction of the front panel, etc. due to changes of temperature. **Filter sign lamp (LED) is ON.** - Cleaning the filter, press the Timer button and ◀ button of wired remote controller at the same time for 3 sec.	**Remote control display is faint, or no display at all.** - Are the batteries depleted? - Are the batteries inserted in the opposite (+) and (-) directions?

Call the service immediately in the following situations

- Anything abnormal such as burning smell, loud noise etc. happen. Stop the unit and turn the breaker off. Never try to repair by yourself or restart the system in such cases.
- Main power cord is too hot or damaged.
- Error code is generated by self diagnosis.
- Water leaks from indoor unit even if the humidity is low.
- Any switch, breaker (safety, earth) or fuse fails to work properly

User must carry routine checkup & cleaning to avoid unit's poor performance.
In case of special situation, the job must be carried out by service person only.

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