

OWNER'S MANUAL

AIR CONDITIONER

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

TYPE : WALL MOUNTED

MODEL : LS240HSV3

LS307HV3

LS360HV3



P/NO : MFL67502008

<http://www.lghvac.com>
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.
- Installation **MUST** conform with local building codes or, in the absence of local codes, with the Nation Electrical Code NFPA 70/ANSI C1-1003 or current edition and Canadian Electrical Code Part1 CSA C.22.1.
- 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.

Power

- Unplug the power plug immediately in the event of a blackout or thunderstorm. Failure to do so may result in fire or electric shock.
- Always use a power plug and socket with a ground terminal. Failure to do so may result in electric shock or product failure.
- Install a dedicated electric outlet and circuit breaker before you use the air conditioner. Failure to do so may result in electric shock or product failure.
- Do not connect the ground wire to a gas pipe, a lightning rod or a telephone ground wire. It may result in electric shock or product failure.
- Use a standard circuit breaker and fuse conforming with the rating of the air conditioner. Failure to do so may result in electric shock or product failure.
- Make sure to check that the power cable plug is not dirty, loose or broken and then only insert the plug completely. It may result in electric shock or product failure.
- Do not modify or extend the power cable. If the power cable or cord has scratches or skin peeled off or deteriorated then it must be replaced. It may result in fire or electric shock.
- Don't use a power cord, a plug or a loose socket which is damaged. It may result in fire or electric shock.
- Do not use a damaged power cord or plug. It may result in electric shock or product failure.
- Do not touch, operate or repair the air conditioner with wet hands. It may result in electric shock or product failure.
- Make sure that the power plug is not damaged when you move the air conditioner. Failure to do so may result in electric shock or product failure.

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE.

- Do not place a heater or other heating appliances near the power cable. It may result in fire, electric shock, or product failure.
- Make sure that the power cord is not pulled or damaged while the air conditioner is operating. Failure to do so may result in fire, electric shock, or product failure.
- Do not place any objects on the power cord. It may result in electric shock or product failure.

Installation

- Do not install the air conditioner on an unstable surface or where there may be a danger of it falling. It may result in death, serious injury, or product failure.
- Contact an authorized service center when you install or relocate the air conditioner. Failure to do so may result in serious injury or product failure.
- Indoor/outdoor wiring connections must be secured tightly and the cable should be routed properly so that there is no force pulling the cable from the connection terminals. Improper or loose connections can cause heat generation or fire.
- Install the panel and the cover of the control box safely. Failure to do so may result in explosion or fire.
- Do not install the air conditioner near a place with a danger of explosion or fire. It may result in explosion or fire.
- Make sure that the pipe and the power cable that connect the indoor unit and the outdoor unit are not pulled tight when you install the air conditioner. Failure to do so may result in electric shock or product failure.
- Do not mix air or gas in the system except for the specific refrigerant. If air enters the refrigerant system, it may result in an excessively high pressure that causes injury or damage to the equipment.

Use

- Be sure to use only those parts which are listed in the svc parts list. Never attempt to modify the equipment. It may result in death, serious injury, or product failure.
- Do not pull the power cord when you remove the power plug. It may result in death or electric shock.
- Discard the batteries where there is no danger of fire. Failure to do so may result in explosion or fire.
- Contact an authorized service center when the air conditioner is submerged into water due to flooding. Failure to do so may result in explosion or fire.
- Only use components that are approved by the manufacturer and do not repair or modify them. Failure to do so may result in electric shock or product failure.
- Only use the refrigerant specified on the air conditioner label. It may result in explosion or fire.
- Do not allow water to run into the air conditioner. It may result in explosion or fire.
- Do not leave flammable substances such as gasoline, benzene and thinner near the air conditioner. It may result in explosion or fire.
- Do not use the air conditioner for an extended period of time in a small place without ventilation. Ventilate the place regularly. Failure to do so may result in explosion or fire.
- Do not touch the electrostatic filter after opening the front grille. Failure to do so may result in electric shock or product failure.
- For inner cleaning, contact an Authorized Service Center or a dealer.
Do not use harsh detergent that causes corrosion or damage on the unit.
Harsh detergent may also cause failure of product, fire, or electronic shock.

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE.

- Unplug the power plug if there is a noise, smell or smoke coming from the air conditioner. Failure to do so may result in explosion or fire.
- Make sure to ventilate sufficiently when this air conditioner and a heating appliance such as a heater are used simultaneously. Failure to do so may result in fire, serious injury, or product failure.
- Make sure that children do not climb up the outdoor unit or impact it. Failure to do so may result in death or product failure.
- Do not turn on or off the air conditioner by plugging in or unplugging the power plug. It may result in fire or electric shock.
- When there is a gas leak, ventilate sufficiently before using the air conditioner again. Failure to do so may result in explosion or fire.
- 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. It may result in death, fire or electric shock.
- Do not block the inlet or outlet of air flow. It may result in explosion or product failure.
- Do not insert hands or other objects through the air inlet or outlet while the air conditioner is operating. It may result in electric shock.
- Do not expose people, animals or plants to the cold or hot wind from the air conditioner. It may result in serious injury.
- Do not drink the water drained from the air conditioner. It may result in serious health complications.

Maintenance

- Turn the main power off and unplug the power plug when you clean or repair the air conditioner. Failure to do so may result in death, serious injury, or product failure.

**CAUTION****Installation**

- Do not install the air conditioner where there is direct sunlight. It may result in product failure.
- Safely dispose of packing materials such as screws, nails or batteries in a packing bag after installation or repair. It may result in serious injury.
- Do not install the air conditioner where it will be exposed to sea wind (salt spray) directly. It may result in product failure.
- Install the drain hose properly for smooth drainage of condensed water. Failure to do so may result in product failure.
- Install the air conditioner where the noise from the outdoor unit or the exhaust gas will not inconvenience the neighbors. Failure to do so may result in conflict between neighbors.
- Be cautious when you unpack or install the air conditioner. Failure to do so may result in serious injury or product failure.
- Do not touch the refrigerant leakage during installation or repair. It may result in product failure.
- When transporting the equipment, there should be at least 2 or more people, or a forklift. It may result in serious injury.

Use

- Remove the batteries when the remote control is not in use for an extended period of time. Failure to do so may result in product failure.
- Make sure that the filter is installed before you operate the air conditioner. Failure to do so may result in product failure.
- Unplug the power plug when the air conditioner is not used for an extended period of time. Failure to do so may result in product failure.
- Make sure to check if there is a refrigerant leak after you install or repair the air conditioner. Failure to do so may result in product failure.
- Do not place any objects on the air conditioner. It may result in product failure.
- If there is a refrigerant leak during the installation of the air conditioner, ventilate the area immediately. Failure to do so may result in serious injury or product failure.
- Follow the standards of the corresponding region or country for handling the refrigerant and the air conditioner, and for disassembling the air conditioner. Failure to do so may result in product failure.
- Do not mix the batteries for the remote control with other types of batteries or mix new batteries with used batteries. Failure to do so may result in product failure.
- Do not recharge or disassemble the batteries. Failure to do so may result in explosion, fire or serious injury.
- Do not dispose of the batteries in fire. It may result in explosion or fire.
- Stop using the remote control if there is a battery fluid leak. If your cloth or skin is exposed to the battery fluid from a leak, wash it off with clean water. Failure to do so may result in serious injury.
- If you swallow the battery fluid from a leak, wash out the inside of your mouth thoroughly and then consult a doctor. Failure to do so may result in serious health complications.
- Do not let the air conditioner run for a long time when the humidity is very high or when a door or window has been left open. Failure to do so may result in product failure.
- 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.

Maintenance

- Do not use strong cleaning agents or solvents when you clean the air conditioner, or spray water. Use a smooth cloth. It may result in serious injury or product failure.
- Never touch the metal parts of the air conditioner when you remove the air filter. It may result in serious injury or product failure.
- Use a sturdy stool or ladder when you clean, maintain or repair the air conditioner at a height. Failure to do so may result in serious injury or product failure.

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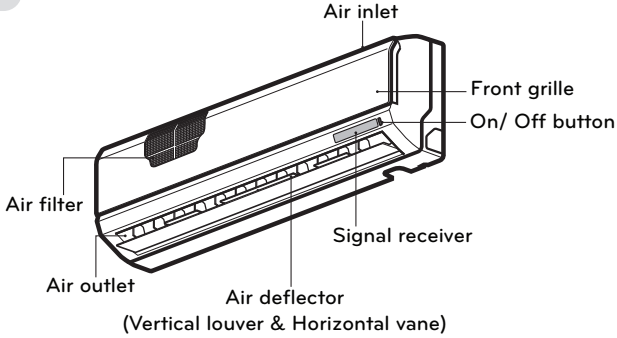
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BEFORE USE

Components

Indoor unit

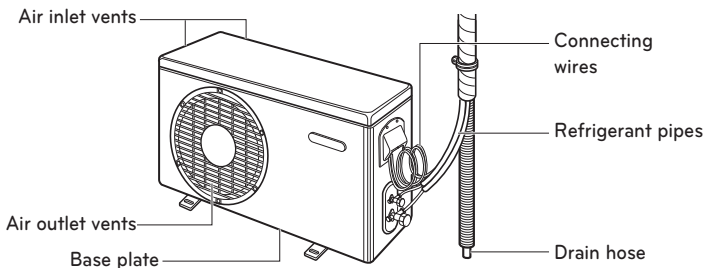


* The feature can be changed according to type of model.

NOTE

The number of operation lamps and their locations may vary, depending on the model of the

Outdoor unit



* The feature can be changed according to type of model.

Operation ranges

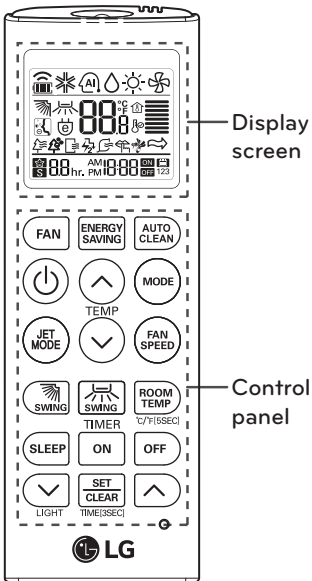
The table below indicates the temperature ranges the air conditioner can be operated within.

Mode	Indoor temperature	outdoor temperature
Cooling	18°C~30°C(64.4°F~86°F)	-18°C~48°C(-0.4°F~118.4°F)
Heating	16°C~30°C(60.8°F~86°F)	-20°C~24°C(-4°F~75.2°F)

Using the remote control

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



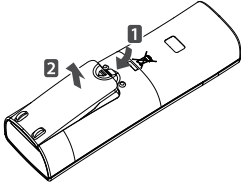
Control panel	Display screen	Description
		Fan button : Air come out from the indoor unit below to the room without air temperature change.
		Sleep mode auto button* : Sets the sleep mode auto operation.
		Temperature adjustment buttons : Adjusts the room temperature when cooling and heating.
	-	On/Off button : Turns the power on/off.
		Indoor fan speed button : Adjusts the fan speed.
		Operation mode selection button* : Selects the operation mode. Cooling operation (*) / Auto operation or auto changeover (AI) / Dehumidifying operation (Δ) / Heating operation (☀)
		Jet cooling/heating button* : Warms up or cools down the indoor temperature within a short period of time.
		Air flow direction button : Adjusts the air flow direction vertically or horizontally.
	-	Adjusts the brightness of the indoor unit display.
		Temperature display button : Displays the room temperature. Also changes unit from °C to °F if pressed for 5 seconds.
		Time buttons : Set the start / end time.
		Navigation and functions button* : Sets the special functions. [Auto clean icon]: Auto clean [Energy saving icon]: Operates energy saving cooling
	-	Set/clear button : Set or cancel functions. Also set the current time if held for 3 seconds.
	-	Reset button : Resets the air conditioner settings.

* Some functions may not be supported, depending on the model.

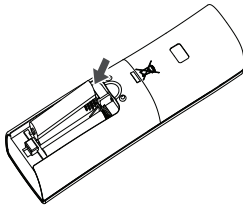
Inserting batteries

Insert batteries before using the remote control. The battery type used is AAA (1.5 V).

1 Remove the battery cover.



2 Insert the new batteries and make sure that the + and - terminals of the batteries are installed correctly.



3 Reattach the battery cover.

NOTE

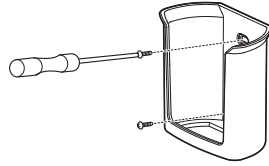
If the display screen of the remote control starts to fade, replace the batteries.

Installing the remote control holder

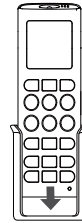
Install the holder where there is no direct sunlight to protect the remote control.

1 Choose a safe and easily-accessible place.

2 Fix the holder by fastening the 2 screws firmly with a screwdriver.

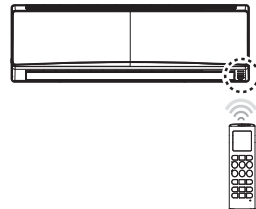


3 Slide the remote control into the holder.



Operating method

Point the remote control towards the signal receiver at the bottom of the air conditioner to operate it.






NOTE

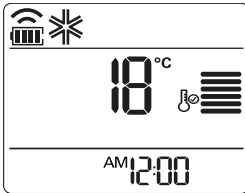
- The remote control may operate other electronic devices if pointed towards them. Make sure to point the remote control towards the signal receiver of the air conditioner.
- For proper operation, use a soft cloth to clean the signal transmitter and receiver.
- Jet mode in Heating doesn't work when equipped with a wired remote controller.
- ON/OFF reserve mode doesn't work



BASIC FUNCTIONS

Cooling your room

(Cooling operation)




- 1 Press  to turn on the power.
- 2 Press  repeatedly to select the cooling operation.
-  is displayed on the display screen.

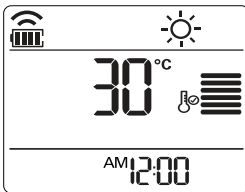




- 3 Press  or  to set the desired temperature.
- The temperature range is 18°C (64°F)-30°C (86°F).

Heating your room

(Heating operation)

- 1 Press  to turn on the power.
- 2 Press  repeatedly to select the heating operation.
-  is displayed on the display screen.



- 3 Press  or  to set the desired temperature.
- The temperature range is 16°C (60°F)-30°C (86°F).




! NOTE

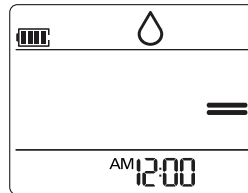
Cooling-only models do not support this function.

Removing humidity

(Dehumidifying operation)

This mode removes excess moisture from an environment with high humidity or in the rainy season, in order to prevent mold from setting in. This mode adjusts the room temperature and the fan speed automatically to maintain the optimal level of humidity.

- 1 Press  to turn on the power.
- 2 Press  repeatedly to select the dehumidifying operation.
-  is displayed on the display screen.






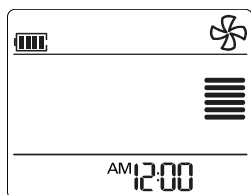
! NOTE

- In this mode you cannot adjust the room temperature, as it is adjusted automatically. Also, the room temperature is not displayed on the display.

Airing your room (Air Circulation operation)



This mode only circulates the indoor air without changing the room temperature. The cooling lamp lights up in air circulation mode.





- 1 Press  to turn on the power.
- 2 Press  to select the air circulation operation.
 -  is displayed on the display screen.







- 3 Press  to adjust the fan speed.

Adjusting the fan speed



- 1 Press  repeatedly to adjust the fan speed.
 - Select  if you want natural air. The fan speed adjusts automatically.

Remark	Speed
	High
	Medium
	Low
	Natural Wind

Adjusting the air flow direction

- 1 To adjust the direction of the air flow vertically, press  repeatedly and select the desired direction.
 - Select  to adjust the direction of the air flow automatically.
- 2 To adjust the direction of the air flow horizontally, press  repeatedly and select the desired direction.
 - Select  to adjust the direction of the air flow automatically.


NOTE

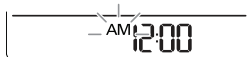
- Adjusting the air flow direction horizontally may not be supported, depending on the model.
- Adjusting the air deflector arbitrarily may cause product failure.
- If you restart the air conditioner, it starts to operate with the previously set direction of air flow, so the air deflector may not match the icon displayed on the remote control. When this occurs, press  or  to adjust the direction of the air flow again.

Setting the timer

You can use the timer function to save energy and to use the air conditioner more efficiently.

Setting the current time

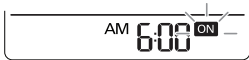
- 1 Press  and hold it for longer than 3 seconds.
 - The AM/PM icon flickers at the bottom of the display screen.



- 2 Press or to select the minutes.
- 3 Press to finish.

Turning on the air conditioner automatically at a set time

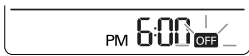
- 1 Press .
- The icon below flickers at the bottom of the display screen.



- 2 Press or to select the minutes.
- 3 Press to finish.

Turning off the air conditioner automatically at a set time

- 1 Press .
- The icon below flickers at the bottom of the display screen.



- 2 Press or to select the minutes.
- 3 Press to finish.

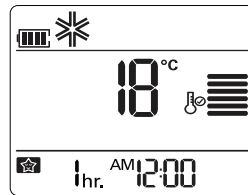
Canceling the timer setting

- 1 Press .
- To cancel all timer settings, press .

Setting sleep mode

Use the sleep mode to turn off the air conditioner automatically when you go to sleep.

- 1 Press to turn on the power.
- 2 Press .
- 3 Press or to select the hour (up to 7 hours).
- 4 Press to finish.
- is displayed on the display screen in sleep mode.



! NOTE



In the Cooling and Dehumidifying modes, the temperature increases by 1°C (1.8°F) after 30 minutes and by a further 1°C (1.8°F) after another 30 minutes for a more comfortable sleep. The temperature increases with up to 2°C (3.6°F) from the preset temperature.

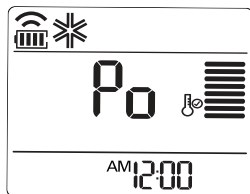
ADVANCED FUNCTIONS

The air conditioner offers some additional advanced functions.

Changing room temperature quickly (Jet Cool/Heat operation)

This mode allows you to cool indoor air quickly in summer or warm it quickly in winter.

- 1 Press  to turn on the power.
- 2 Press .



- In jet cooling mode, strong air blows out at a temperature of 18°C (64°F) for 30 minutes.
- In jet heating mode, strong air blows out at a temperature of 30°C (86°F) for 30 minutes.



! NOTE

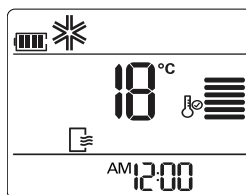
- In Air Circulation, Auto, or Auto Changeover mode, this function cannot be used.
- This function may not be supported, depending on the model.

Indoor air purification

Auto Clean operation

In the cooling and dehumidifying operations, moisture is generated inside the indoor unit. Use the auto cleaning function to remove such moisture.

- 1 Press  .
-  is displayed on the display screen.



- If you turn off the power, the fan operates for 30 minutes and cleans the inside of the indoor unit.

! NOTE

Some buttons cannot be used while the auto cleaning function is in operation.

Auto operation (Artificial intelligence)

Cooling-only models

In this mode, the fan speed and the temperature adjust automatically, based on the room temperature.

- 1 Press to turn on the power.
- 2 Press repeatedly to select auto operation.
- 3 Press or to select the desired operation code if the temperature is higher or lower than the desired temperature.

Code	Description
2	Cool
1	Cool slightly
0	Maintain room temperature
-1	Heat slightly
-2	Heat

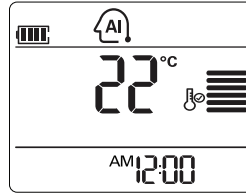
! NOTE

- In this mode, you cannot adjust the fan speed, but you can set the air deflector to rotate automatically.
- This function may not be supported, depending on the model.

Auto Changeover operation

This mode changes the operation mode automatically to maintain the set temperature at $\pm 2^{\circ}\text{C}$.

- 1 Press to turn on the power.
- 2 Press repeatedly to select the auto changeover operation.
- is displayed on the display screen.



- 3 Press or to set the desired temperature.
- The temperature range is 18°C (64°F) - 30°C (86°F).
- 4 Press repeatedly to select the fan speed.

! NOTE





This function may not be supported, depending on the model.

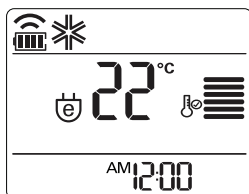
$^{\circ}\text{C}/^{\circ}\text{F}$ Conversion

The unit converses from $^{\circ}\text{C}$ to $^{\circ}\text{F}$ or from $^{\circ}\text{F}$ to $^{\circ}\text{C}$ if Room Temperature KEY is pressed for 5 seconds.

Energy saving cooling mode

This mode minimizes power consumption during cooling and increases the set temperature to the optimal level for a more comfortable environment.

- 1 Press  to turn the power on.
- 2 Press  repeatedly to select the cooling operation.
- 3 Press .
 -  is displayed on the display screen.



NOTE


This function may not be supported, depending on the model.

NOTE

- Possible, Different temperature is displayed on between remote controller and air conditioner during operation.

Display screen brightness

You can adjust the brightness of the indoor unit display screen.

- 1 Press  to turn on/off the display screen.

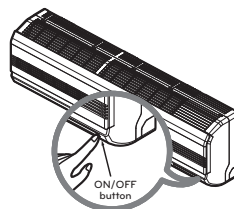
NOTE

This function may not be supported, depending on the model.

Operating the air conditioner without the remote control

You can use the On/Off button of the indoor unit to operate the air conditioner when the remote control is unavailable. However, the fan speed is set to high.

- 1 Press the On/Off button.



* The feature can be changed according to type of model.

- For cooling and heating models, the operation mode changes, depending on the room temperature.

Room temp.	Set temp.	Operation mode
Below 21°C (69.8°F)	24°C (75.2°F)	Heating operation
Above 21°C (69.8°F) and below 24°C (75.2°F)	23°C (73.4°F)	Dehumidifying operation
Above 24°C (75.2°F)	22°C (71.6°F)	Cooling operation

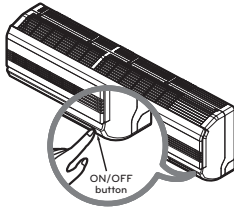
- For cooling-only models, the temperature is set to 22°C (71.6°F).

Restarting the air conditioner automatically

When the air conditioner is turned on again after a power failure, this function restores the previous settings. This function is a factory default setting.

Disabling auto restart

- 1 Press the On/Off button and hold it for 6 seconds.
 - The unit will beep twice and the lamp will blink twice 4 times.



- * The feature can be changed according to type of model.
- To re-enable the function, press the On/Off button and hold it for 6 seconds. The unit will beep twice and the lamp will blink 4 times.

! NOTE

If you press and hold the On/Off button for 3 – 5 seconds instead of 6 seconds, the unit will switch to the test operation. In the test operation, the unit blows out strong air for cooling for 18 minutes and then returns to the factory default settings.

WLAN Connecting (optional)

User Environment

<Minimal Specifications>

- OS: Android OS 4.0 or higher, iOS 6 or higher
- Resolution : android 320 x 480 or higher, iOS 960 x 640 or higher.

Some functions may not operate, or a part of the screen may get fuzzy depending on the smartphone.

* A normal operation is not possible in the environment that does not satisfy the minimal specifications.

• WLAN Sharing Device Minimal Specification

Model Type : CISCO, APPLE, ASUS, D-LINK ,TP LINK, TRENDNET, ACTIONTEC, NETGEAR, 2WIRE

* Specified model is optimized. A normal operation is not possible in the environment that does not satisfy the minimal specifications.

WARNING

This device is not available for laptop or similar portable system.

User Guide

- The mobile App can be updated for the usability/the design improvement and to reinforce the contents.
- Some functions may be limited for the air conditioner model without the provided function.
- When Dry Contact Mode is operated, WLAN Function can not be used.

Setting The Environment

After downloading the mobile App, sign up for a membership and receive an account approval.

A connected air conditioner's remote functions can be used.

Mobile App installation

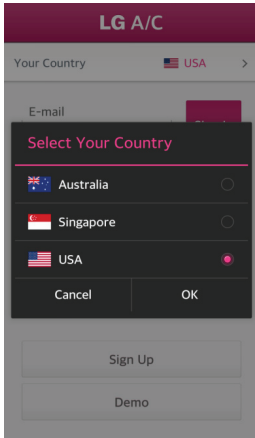
The mobile App can be downloaded from the Android Market/App Store through Wi-Fi or 3G/4G.

NOTE

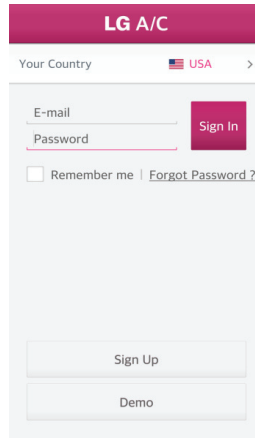
- The Wi-Fi Module (PCRCUDT2, PCRCUDT3), an optional accessory (sold separately), is required to enable WLAN connectivity.
- The optional Wi-Fi module will be available early 2014.
- For additional information, refer to www.lg-dfs.com/smartac.com.

Sign up for a membership

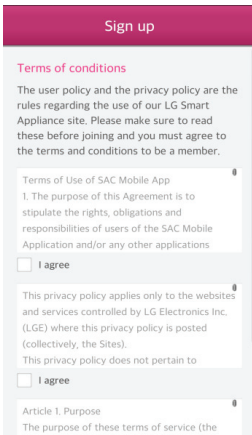
After sign up for a membership on the mobile App. or the web page (<http://us.smartthing.com>), the mobile App. can be used.



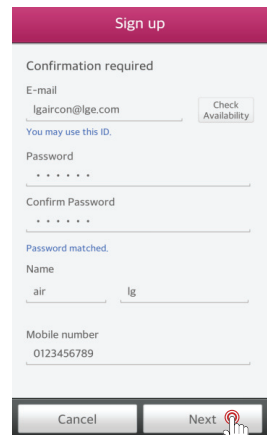
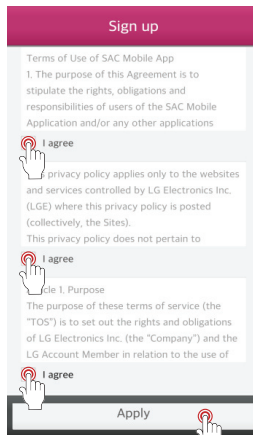
Choose USA as Your Country.



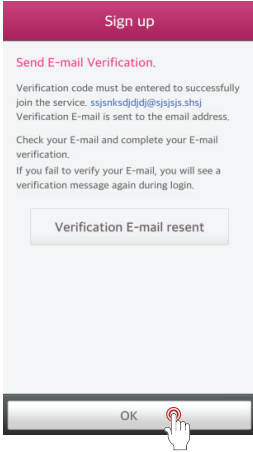
Touch the "Sign up."



After checking and agreeing to each user agreement, touch "Apply"



Enter the user registration information to sign up for the service, and touch "Next"



A confirmation email has been sent to your email address that you provided.

Please press the "OK" button.



Hello!

Thank you for visiting LG Electronics SMART THING site.
We will do our best to serve you well.

Hello, **lg air**

Thank you for visiting LG Electronics SMART THING site.

Click the Confirm Email button below. A Smartthing page will open to allow you to confirm

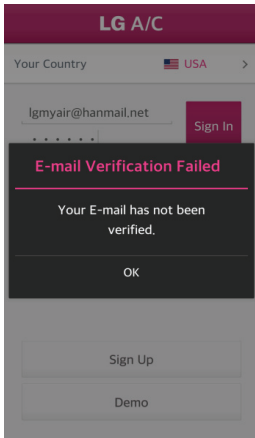
Confirm Email >

This email was sent from a notification-only address to the email address you provided.

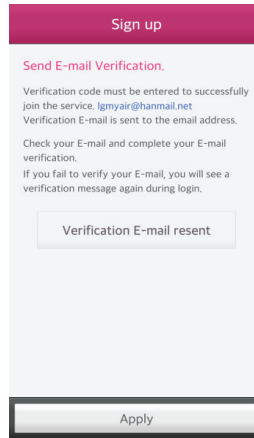
Once you click the "Confirm Email" button on your email, sign up will be completed.

Reference

- The LG System Air Conditioning Control App can be searched with “LG Smart AC” and downloaded from the “Google Play” and “App store”.
- The wireless module can update the firmware automatically to improve the product’s performance.
- After sign up for a membership, an email authentication must be received to be able to use the applicable account.
→ When it is not authenticated via email, the screens below will display.



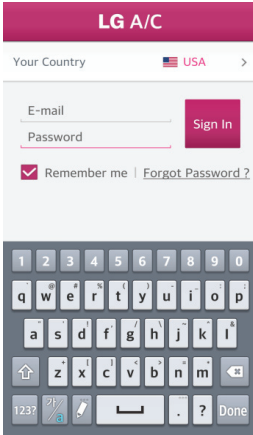
When the email is not confirmed, the mobile App could not be used.



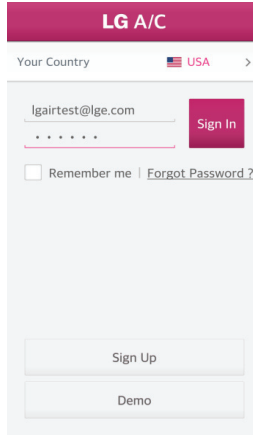
Once you sign in to the mobile App again, it changes to the confirmation screen to enable re-confirmation.

Registering the product

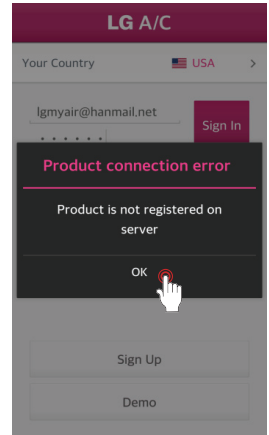
A function to register an air conditioner on the server before using the mobile App.



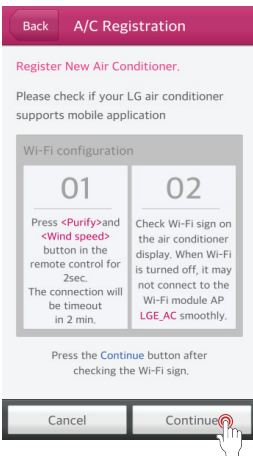
Entering the E-mail and the Password.



Touch the "Sign in" button.



When registering the product for the first time, a pop up will be activated. Once the "Ok" button is pressed, it will change to the air conditioner



When registering the product for the first time, a pop up will be activated.

Once the "Ok" button is pressed, it will change to the air conditioner registration screen.

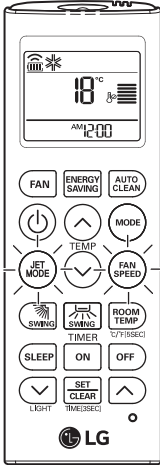
Turn the Wi-Fi on the smart phone and set the registration mode on the air conditioner, then touch the "Continue" button.


→ Search for products to be registered on the server.

(Please refer to the instruction below to set the registration mode on the air conditioner.)

Reference

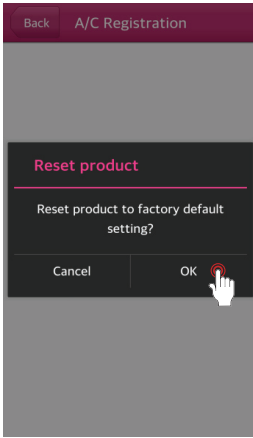
- Instruction to set registration mode



- Press **SET MODE** and **FAN SPEED** on the remote control for 3 seconds simultaneously to set the registration mode on the air conditioner.
- Once the registration mode is set, the Wi-Fi indicator  blinks on the display of the body.
- 5 minutes after the setting, the registration mode on the air conditioner gets cancelled automatically.
- ✳ If the registration mode is canceled during the product registration, re-execute the registration mode. Then, proceed with the registration.

CAUTION

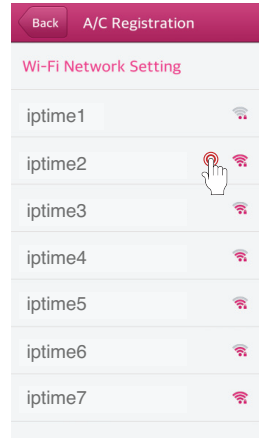
- The Wi-Fi on smartphone must be turned on to start registering the product.
- If there is a problem with a connection, the 'prevention of connection failing' function in the advanced menu of the Wi-Fi setting in the smartphone needs to be cancelled for some devices.



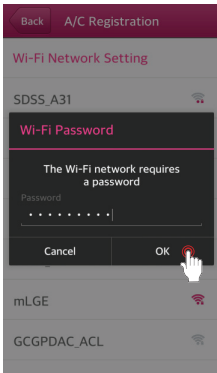
Once the product search is complete, a pop up to ask initialization of the product appears.

- If you want to initialize the product, please touch the "Ok" button.

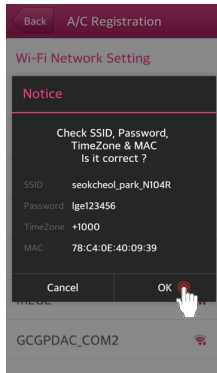
* When more than 2 products are searched at the same time, a screen to connect the products displays. (See the reference1)



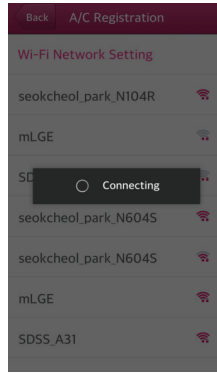
Please select a router that you want to connect to.



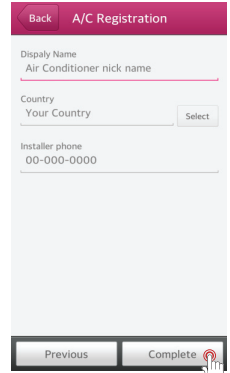
Enter the password for the router correctly, and then touch the "Ok" button.



Please check the Mac Address and Wi-Fi password.



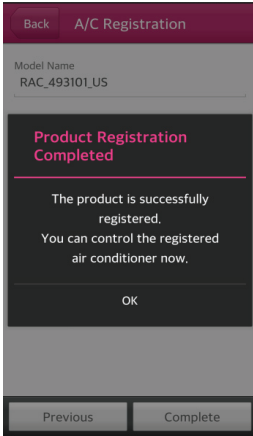
The network is setting. (When it is connected correctly, it will make a 'ding' sound.)



Enter a nickname for the air conditioner, and then touch the "Complete" button. (Appropriate product name must be selected correctly.)

Please check these out.

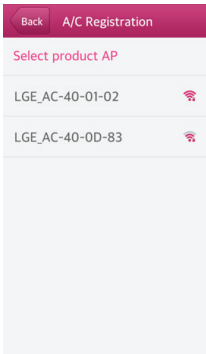
- Once the network set up is complete, the smartphone cancels the connection to the Wi-Fi in the product.
- After entering the air conditioner information, the smartphone must be set to enable the connection to the internet through Wi-Fi or 3G/4G network before pressing the 'Complete'



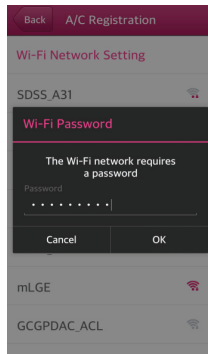
The product registration has been completed.

Reference 1.

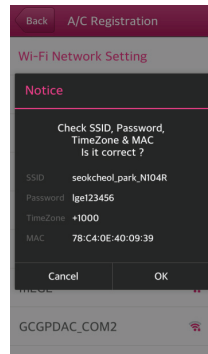
- If more than two products are searched
 - The screen to connect to the product displays



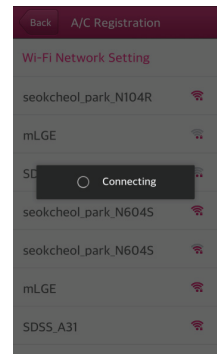
Select the network with the SSID. (Service set identification)



The password must be entered before touching the 'OK' button.
Password : The password of the



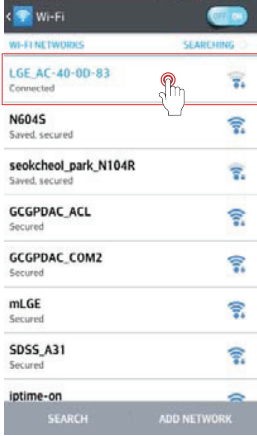
Please check the Mac Address and Wi-Fi password.



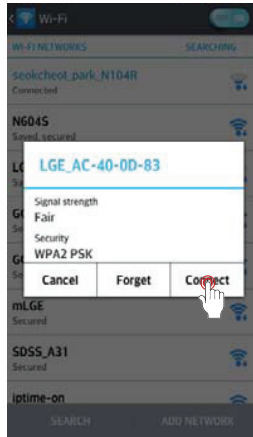
Once the connection to the product is completed, it switches to a Wi-Fi network setting screen for the product

Reference 2.

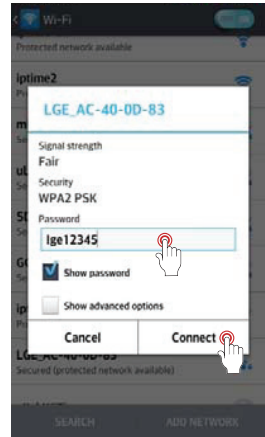
- When the network is not stable or using an App for an iPhone
 - The App on an iPhone does not support the automatic connection of Wi-Fi.



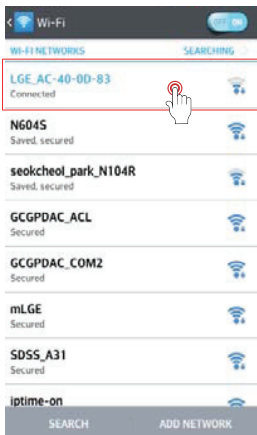
Go to the Wi-Fi setting menu and select the network with the SSID (service set identification) of LGE_AC-XX-XX-XX represents numbers, and they may be different from the numbers on the example screen.



Retry the network connection by touching the 'Connect' button.



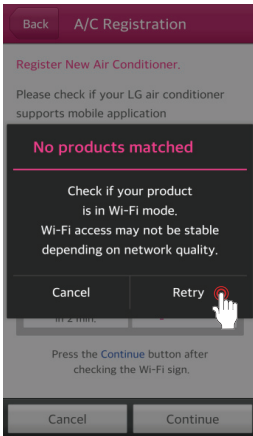
The password must be entered before touching the connect button.
Password : lge12345



This is succeeded screen after retrying the network connection.

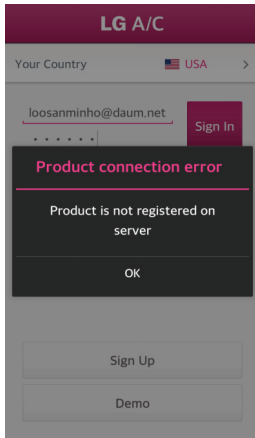
Reference 3.

- Remember the SSID (service set identification) and password of the router that is used in your home.
- The entry of the password is different according to the security method of the sharing device that the customer installed.
- Check if the password is entered correctly.
If the password is not entered correctly, the product will not be registered properly.
- The nickname of the air conditioner can be entered between 2 and 15 characters including English letters, numbers, Korean letters, and special characters.
- The ID used for the product registration will be registered as the main user.
- The main user can add other users' IDs through 'Setting > Managing Users'.
- Maximum of 5 IDs can be registered on one air conditioner.
When the product is re-registered, the existing user information will be deleted. Then, new user information will be registered.
- It may take some time to set the Wi-Fi depending on the status of the network.
- When a pop up window for failing to search the product shows up



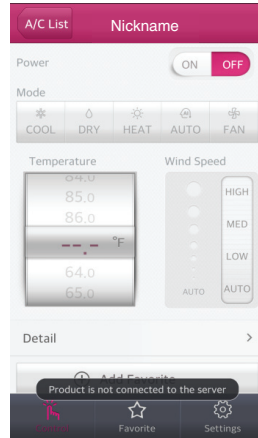
After turning the Wi-Fi on your smartphone, touch the retry button. If it fails to search the product after repeating the retry several times, Refer to the check list or the website on the back page.

- When the product is not registered



This screen displays when the product is not registered. Please complete the product registration.

- When the air conditioner is not connected to the server



The air conditioner is not connected to the server. Please check the Wi-Fi indicator light on the product's display.

- If the Wi-Fi indicator light is turned off,
- 1 Please turn the air conditioner on/off with the wireless remote control.
 - 2 Check the status of the wireless router or the router's password that is entered during the product registration.

* Other details, please refer to the Online manual, The Online Manual is inside the LG Smart AC App.

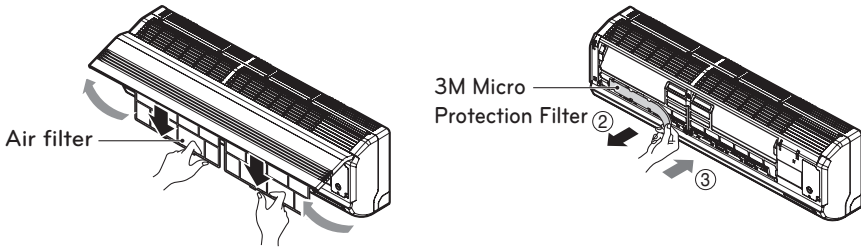
MAINTENANCE

If the air conditioner will not be used for an extended of time, dry the air conditioner to maintain it in best condition.

- 1 Dry the air conditioner in Fan mode for 3 to 4 hours and disconnect the power plug. There may be internal damage if moisture is left in components.
- 2 Before using the air conditioner again, dry the inner components of the air conditioner in Fan mode for 3 to 4 hours. This will help to remove odor which is generated from moisture.

Clean the product regularly to maintain optimal performance and to prevent possible breakdown.

* This may not be provided, depending on the model.



* The feature can be changed according to type of model.

Type	Description	Interval
Air filter	See "Cleaning the air filter."	2 weeks
3M Micro Protection Filter	See "Cleaning the 3M Micro Protection Filter"	1 months
Indoor unit	Clean the Indoor unit surface by using a soft, dry cloth.	Regularly
	Clean the condensate drain pipe.	Every 4 months
	Clean the condensate drain pan.	Once a year
	Thoroughly clean the heat exchanger.	Once a year
	Replace the remote control batteries.	Once a year
Outdoor unit	Use steam to clean the heat exchanger coils and the panel vents. (consult with technician)	Regularly
	Clean the fan.	Once a year
	Clean the condensate drain pan.	Once a year
	Verify that all the fan assembly is firmly tightened.	Once a year
	Verify that electric components with jets of air.	Once a year
	Clean the electric components with jets of air.	Once a year

**CAUTION**

- Turn off the power and unplug the power cord before you perform any maintenance; otherwise it may cause electric shock.
- Never use water that is hotter than 40°C when you clean the filters. It may cause deformation or discoloration.
- Never use volatile substances when you clean the filters. They may damage the surface of the product.
- Do not wash the 3M Micro Protection Filter with water, because the filter can be damaged.

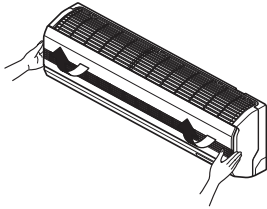
**NOTE**

- The location and shape of the filters may differ, depending on the model.
- Make sure to clean the heat exchanger coils of the outdoor unit regularly, as dirt collected in the coils may decrease the operational efficiency or increase energy costs.

Cleaning the air filter

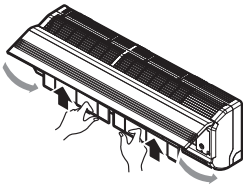
Clean the air filter once every 2 weeks or more if necessary.

- 1 Turn off the power and unplug the power cord.
- 2 Open the front cover.
 - Lift up both sides of the cover slightly.



* The feature can be changed according to type of model.

- 3 Hold the knob of the air filter, lift it up slightly and remove it from the unit.

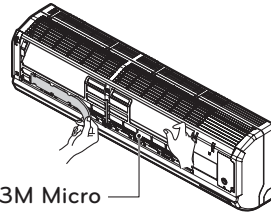


* The feature can be changed according to type of model.

- 4 Clean the filter with a vacuum cleaner or with warm water.
 - If dirt is difficult to remove, wash the filter in lukewarm water with detergent.
- 5 Dry the filter in the shade.

Cleaning the 3M Micro Protection Filter

- 1 Turn off the power and unplug the power cord.
- 2 Open the front cover and remove the air filter (See "Cleaning air filter").
- 3 Remove the 3M Micro Protection Filter.



3M Micro Protection Filter

* The feature can be changed according to type of model.

- 4 Use a vacuum cleaner to remove dirt, Do not wash the 3M Micro Protection Filter with water, because the filter can be damaged.

! NOTE

- We suggest changing the 3M Micro Protection Filter every 6 Months
- The location of the filters may differ, depending on the model.
- If you need more filters, please contact the LG service center (Refer to the warranty card)

TROUBLESHOOTING

Self-diagnosis function

This product has a built-in self-diagnosis function. If an error occurs, the lamp of the indoor unit will blink in 2 second intervals. If this occurs, contact your local dealer or service center.

Before requesting service

Please check the following before you contact the service center. If the problem persists, contact your local service center.

Problem	Possible causes	Corrective action
There is a burning smell and a strange sound coming from the unit.		Turn off the air conditioner, unplug the power cord and contact the service center.
Water leaks from the indoor unit even when the humidity level is low.		
The power cord is damaged or generating excessive heat.		
A switch, a circuit breaker (safety, ground) or a fuse is not operated properly.		
The air conditioner does not work.	The air conditioner is unplugged.	Check whether the power cord is plugged into the outlet.
	A fuse is blown or the power supply is blocked.	Replace the fuse or check if the circuit breaker has tripped.
	A power failure has occurred.	Turn off the air conditioner when a power failure occurs. When the power is restored, wait 3 minutes, and then turn on the air conditioner.
	The voltage is too high or too low.	Check if the circuit breaker has tripped.
	The air conditioner turned off automatically at a preset time.	Press the power button again.

Problem	Possible causes	Corrective action
The air conditioner does not generate cool air.	Air is not circulating properly.	Make sure that there are no curtains, blinds or furniture blocking the front of the air conditioner.
	The air filter is dirty.	Clean the air filter once every 2 weeks. See "Cleaning Air Filter" for more information.
	The room temperature is too high.	In summer, it may take some time to cool indoor air. In this case, select the jet cool operation to cool indoor air quickly.
	Cold air is escaping from the room.	Make sure that no cold air is escaping through ventilation points in the room.
	The desired temperature is higher than the set temperature.	Set the desired temperature to a level lower than the current temperature.
	There is a heating source nearby.	Avoid using a heat generator such as an electric oven or a gas burner while the air conditioner is in operation.
	Air circulation operation is selected.	In the air circulation operation, air blows from the air conditioner without cooling or heating the indoor air. Switch the operation mode to the cooling operation.
It is not possible to adjust the fan speed.	The auto operation, jet operation or dehumidifying operation is selected.	In some operation modes, such as the jet or dehumidifying operation modes, you cannot adjust the fan speed. Select an operation mode in which you can adjust the fan speed.
It is not possible to adjust the temperature.	The air circulation operation or jet operation is selected.	In some operation modes, such as the air circulation or jet operation mode, you cannot adjust the temperature. Select an operation mode in which you can adjust the temperature.

Function of wired remote control

Wall-mountable(PQRCVSL0(QW))	Exclusively for North America(PREMTB10U)
<ul style="list-style-type: none"> • In indoor unit, when Up/Down and Left/Right Step, Left swing/Right swing is selected, it does not show up on the wired remote control. • Not possible to select Up/Down and Left/Right Step, Left swing/Right swing on wired remote controls. • Not possible to select power heating in indoor unit. • Not possible to set power heating on wired remote controls. • The remaining time for the automatic On/Off timer is not shown on App. 	<ul style="list-style-type: none"> • If permitting ACO function, the wired remote control will change air conditioning/heating operational mode. • Not possible to set time for automatic on/off with the wireless remote control or APP.

- Depending on the environment, the heat exchanger and fan should be cleaned by specialist about once a year.