LG
Life's Good

ENGLISH

OWNER'S MANUAL

AIR CONDITIONER

Read this owner's manual thoroughly before operating the appliance and keep it handy for reference at all times.

TYPE : WALL MOUNTED



Rev : 01_112717



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ENGLISH

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TIPS FOR SAVING ENERGY

Here are some tips that will help you to 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 the indoor excessively. 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.(Refer to page 19 and 20.)

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 situation and ensure peak performance of you 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.
- Air conditioner shall be installed in accordance with national wiring regulations.
- 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.
- This appliance is not intended for use by persons (including children) with reduced physical, senary or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for theirs safety.
- Children should be supervised to ensure that they do not play with the appliance.
- When the power cord is to be replaced, the replacement work shall be performed by authorized personnel using only genuine replacement parts.

INSTALLATION

- 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.
- 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.
- Always use a power plug and socket with a ground terminal. Failure to do so may result in electric shock or product failure.
- Install the panel and the cover of the control box safely. Failure to do so may result in explosion or fire.
- 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 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.
- Be cautious when you unpack or install the air conditioner. Failure to do so may result in serious injury or product failure.
- 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.

OPERATION

• 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.
• 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.
• 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.
• Do not touch, operate or repair the air conditioner with wet hands. It may result in electric shock or product failure.
• Do not place a heater or other heating appliances near the power cable. It may result in fire, electric shock, or product failure.
• 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.
• When there is a gas leak, ventilate sufficiently before using the air conditioner again. Failure to do so may result in explosion or fire.
• 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.
• Stop operating and close the window in storm or hurricane. If possible remove the product from the window before hurricane arrives.
• Do not touch the electrostatic filter after opening the front grille. Failure to do so may result in electric shock or product failure.
• 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.
• Be cautious water could not enter the product.
• 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 explosion or fire, serious injury, or product failure.
• 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.
• 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.
• 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 electric shock.

⚠CAUTION

INSTALLATION

• 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.
• Install the drain hose properly for smooth drainage of condensed water. Failure to do so may result in product failure.
• Keep level even when installing the product.
• 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.
• When transporting the equipment, there should be at least 2 or more people, or a forklift. 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.
• Do not turn on the breaker or power under condition that front panel, cabinet, top cover, control box cover are removed or opened. Otherwise, it may cause fire, electric shock, explosion or death.

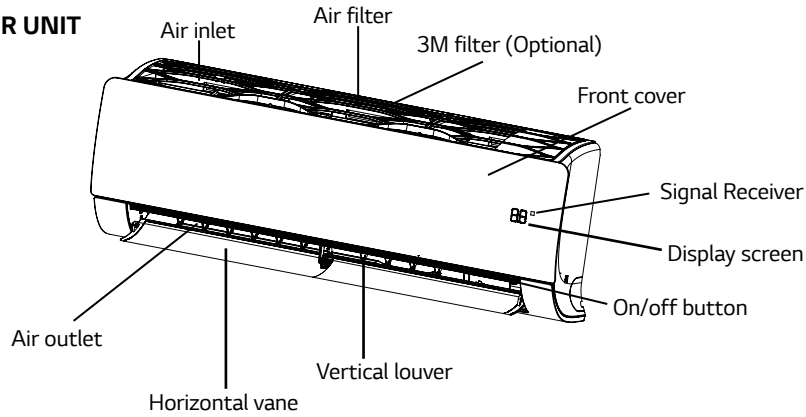
OPERATION

• Do not expose people, animals or plants to the cold or hot wind from the air conditioner for extended periods of time.
• 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 result in explosion or product failure.
• 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.
• Do not place any objects on the air conditioner. It may result in product failure.
• Always insert the filter securely after cleaning. Clean the filter every two weeks or more often if necessary.
• 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 drink the water drained from the air conditioner. It may result in serious health complications.
• 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.
• 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.
• Stop using the remote control if there is a battery fluid leak. If your cloth or skin is explosion 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.

BEFORE USE

COMPONENTS

INDOOR UNIT

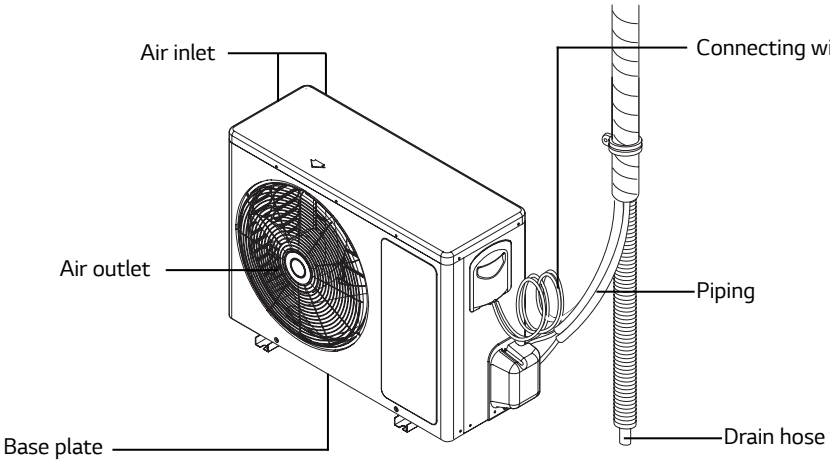


*The feature can be changed according to the type of model.

NOTE

• The number of operation lamps and their locations may vary, depending on the model of the air conditioner.

OUTDOOR UNIT

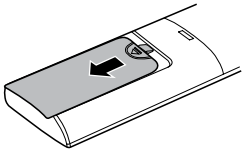


*The feature can be changed according to the type of model.

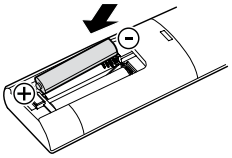
INSERTING BATTERIES

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

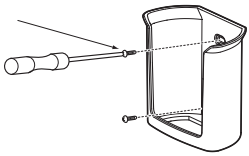
• If the display screen of the remote control starts to fade, replace the batteries.

INSTALLING THE REMOTE CONTROL HOLDER

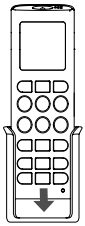
Install the holder where there is no direct sunlight to protect the remote control.

1. Choose a safe and easily-accessible place.

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

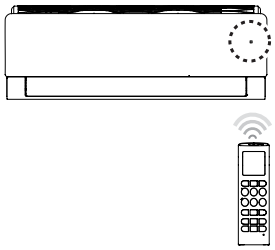


3. Slide the remote control into the holder.



OPERATING METHOD

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



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

NOTE

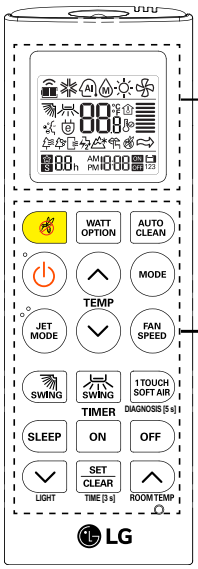
• The remote control may operate other electronic devices if pointed towards them. Make sure to point the remote control towards the signal receiver of the air conditioner.

• For proper operation, use a soft cloth to clean the signal transmitter and receiver.

USING THE REMOTE CONTROL

You can operate the air conditioner more conveniently with the remote control.

WIRELESS REMOTE CONTROL



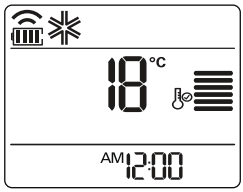
Control panel	Display screen	Description
		Mosquito Away operation button : Used to start or stop Mosquito Away operation.
WATT OPTION		**Active energy control button :** Select Active energy control option**.**
AUTO CLEAN		**Auto clean button :** Remove moisture and clean inside of the indoor unit when turn off the power.
	-	**On/Off button :** Turn the power On/Off.
TEMP	88 °C	**Temperature adjustment buttons :** Adjust the desired room temperature when cooling.
MODE		**Operation mode selection button :** Select the operation mode. Cooling operation ( ) Auto operation ( ) Dehumidifying operation ( ) Air circulation ( )
JET MODE	Po	**Jet cool button :** Cools down the indoor temperature within a short period of time.
FAN SPEED		**Indoor fan speed button :** Adjust the fan speed.
SWING SWING		**Air flow direction button :** Adjust the air flow direction vertically or horizontally. Note : This SWING function may not be supported, depending on the model. (Left-Right vane operation)
1 TOUCH SOFT AIR	or	**1 Touch soft air button :** To prevent air flow directly to people.
SLEEP	h	**Sleep mode auto button :** Sets the sleep mode auto operation.
ON OFF	AM PM ON OFF	**Timer button :** Turn on/off the air conditioner automatically at desired time.
LIGHT	-	**Light button :** Adjusts the brightness of the indoor unit display.
ROOM TEMP		**Temperature display button :** Displays the room temperature.
1 TOUCH SOFT AIR DIAGNOSIS (5 s)	-	**Diagnosis button (Optional) :** To conveniently check maintenance information of product. (Press the button for 5 seconds to use 2nd key.)
SET CLEAR TIME (3s)	-	**Set/clear button :** Sets or cancels functions. Also set the current time if held for 3 seconds.
○	-	**Reset button :** Initialize the air conditioner settings.

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BASIC FUNCTIONS

COOLING YOUR ROOM (COOLING OPERATION)

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

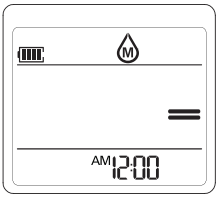


3. Press ∧ or ∨ to set the desired temperature.
- The temperature range is 16°C-30°C.

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. 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 MODE repeatedly to select the dehumidifying operation.
- Ⓜ is displayed on the display screen.

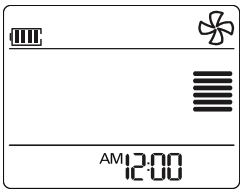


NOTE

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

AIRING YOUR ROOM (AIR CIRCULATION OPERATION)

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



3. Press FAN SPEED to adjust the fan speed.

ADJUSTING THE FAN SPEED

1. Press FAN SPEED repeatedly to adjust the fan speed.

Display Sceen		Speed
Remote control	Indoor unit	
▬▬▬	F5	High
▬▬▬	F4	Medium High
▬▬▬	F3	Medium
▬▬▬	F2	Medium Low
▬▬▬	F1	Low
▬▬▬	Setting Temperature	Natural wind

NOTE

• Indoor unit display is displayed only 5 seconds and then return to the setting temperature.

ADJUSTING THE AIR FLOW DIRECTION

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

NOTE

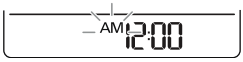
• Adjusting the air flow direction horizontally may not be supported, depending on the model.
• Adjusting the air deflector arbitrarily may cause product failure.
• If you restart the air conditioner, it starts to operate with the previously set direction of air flow, so the air deflector may not match the icon displayed on the remote control. When this occurs, press SWING or SWING 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 SET CLEAR TIME [3s] 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 SET CLEAR TIME [3s] to finish.

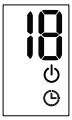
TURNING ON THE AIR CONDITIONER AUTOMATICALLY AT A SET TIME

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

Displayed on Remote control



Displayed on the Indoor unit

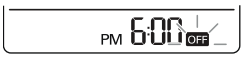


2. Press ∨ or ∧ to select the minutes.
3. Press SET CLEAR TIME [3s] to finish.
4. When setting the timer, current time and ON icon are displayed on the display screen indicating that the desired time is set.

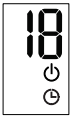
TURNING OFF THE AIR CONDITIONER AUTOMATICALLY AT A SET TIME

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

Displayed on Remote control



Displayed on the Indoor unit



2. Press ∨ or ∧ to select the minutes.
3. Press SET CLEAR TIME [3s] to finish.
4. When setting the timer, current time and OFF icon are displayed on the display screen indicating that the desired time is set.

CANCELING THE TIMER SETTING

1. Press SET CLEAR TIME [3s] to cancel all timer setting.

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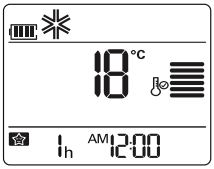
SETTING SLEEP MODE

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

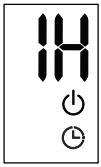
1. Press ⏻ to turn on the power.
2. Press SLEEP .
3. Press ∨ or ∧ to select the hour (Up to 7 hours).
4. Press SET CLEAR TIME [3s] to finish.

- ⭐ is displayed on the display screen.

Displayed on Remote control



Displayed on the Indoor unit



NOTE

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

• Indoor unit display is displayed from 1H to 7H, which is displayed only 5 sec and then return to the setting temperature.

ADVANCED FUNCTIONS

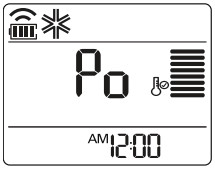
The air conditioner offers some additional advanced functions.

CHANGING ROOM TEMPERATURE QUICKLY (JET COOL) (OPTIONAL)

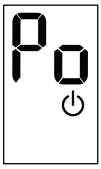
1. Press ⏻ to turn on the power.
2. Press JET MODE .

- Po is displayed on the display screen.

Displayed on Remote control



Displayed on the Indoor unit



- In jet cooling mode, strong air blows out at the setting temperature of 18°C for 30 minutes.

NOTE

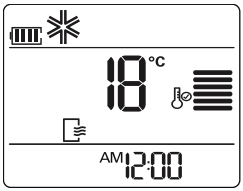
• Powerful Cooling is available in Cooling/ Fan /Dehumidifying/Artificial intelligent.

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

INDOOR AIR PURIFICATION (AUTO CLEAN OPERATION)

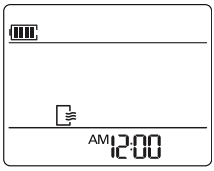
In the cooling and dehumidifying operations, moisture is generated inside the indoor unit. Use the auto cleaning function to remove such moisture.

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



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

Displayed on Remote control



Displayed on the Indoor unit



NOTE

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

DISPLAY SCREEN BRIGHTNESS

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

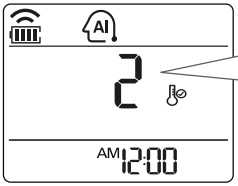
1. Press LIGHT to turn on/off the lamp on the front cover.

AUTO OPERATION (ARTIFICIAL INTELLIGENCE)

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

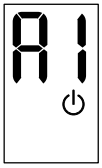
1. Press to turn on the power.
2. Press MODE repeatedly to select auto operation.
- AI is displayed on the display screen.
3. Press or to select the desired operation code if the temperature is higher or lower than the desired temperature.

Displayed on Remote control



Code	Description
2	Cold
1	A little cold
0	Maintain room temperature
-1	A little hot
-2	Hot

Displayed on the Indoor unit



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.

1 TOUCH SOFT AIR OPERATION (COMFORT VANE OPERATION) (OPTIONAL)

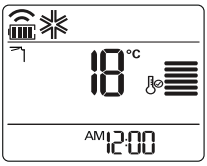
The comfort vane option conveniently sets the vane to a preset position that deflects the supply air away from blowing directly onto room occupants.

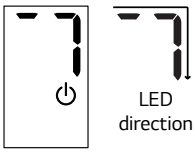
1. Press ⏻ to turn on the power.
2. Press 1 TOUCH SOFT AIR repeatedly and select the desired direction.

* Air flow direction(From top to occupants)

- Horizontal vane is positioned on the upper limit.
- Display screens are displayed like below.

Displayed on Remote control | Displayed on the Indoor unit

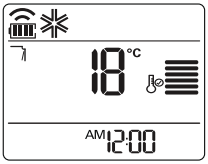


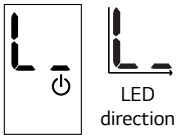


* Air flow direction(From bottom to occupants)

- Horizontal vane is positioned on the lower limit.
- Display screens are displayed like below.

Displayed on Remote control | Displayed on the Indoor unit





NOTE

- Pressing MODE or JET MODE during comfort vane operation will turn off the comfort vane feature.
- Pressing SWING during comfort vane operation will turn off the comfort vane feature and set up the auto swing of vertical direction.
- When this feature is off, the horizontal vane operates automatically depending on the set mode.
- Mark '⟶' of display screen of indoor unit means sequence of lighting, which is shown only 1 time on the display screen and then return the setting temperature.

MOSQUITO AWAY OPERATION

Mosquito Away is a device to radiate frequency mosquitoes don't like.

1. Press .
- is displayed on the display screen.
2. Press again to finish.

NOTE

- You can use this function by pressing without turning the air conditioner on. (In this case, you cannot use some buttons regarding to air flow.)
- At this time a horizontal vane moves and the Fan speed is low.
- This function may not be supported depending on the model.
- The Mosquito Away performance can be different depending on the customer's environment.

ACTIVE ENERGY CONTROL OPERATION (OPTIONAL)

1. Turn the appliance on.
2. Press WATT OPTION .

• Press WATT OPTION repeatedly to select each step.

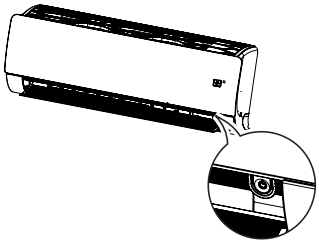
NOTE

• 1 step : The power Input is decreased by 20 % compared to rated power input.
– and 80 is displayed on the display screen.
• 2 step : The power Input is decreased by 40 % compared to rated power input.
– and 60 is displayed on the display screen.
• 3 step (Optional) : The power Input is decreased by 60 % compared to rated power input.
– and 40 is displayed on the display screen.
• L (1 step), LL (2 step) is displayed on some indoor units.
• This function is available with Cooling Mode.
• Capacity may decrease when Energy Control mode is selected.
• Desired temperature is displayed about 5 seconds if you press FAN SPEED, ∧ or ∨ button.
• Room temperature is displayed about 5 seconds if you press ROOM TEMP button.

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. Open the Horizontal vane.
2. Press the On/Off button.



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

NOTE

• The stepping motor may be broken, if the horizontal vane opens rapidly.

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

Room Temp.	Set Temp.	Operation mode
Below 21°C	24°C	Heating operation
Above 21°C and below 24°C	23°C	Dehumidifying operation
Above 24°C	22°C	Cooling operation

- For cooling only model, the temperature is set to 22°C.

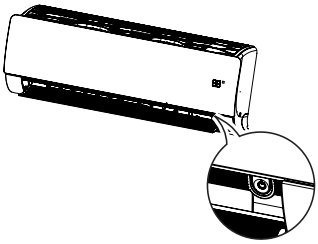
RESTARTING THE AIR CONDITIONER AUTOMATICALLY

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. Open the Horizontal vane.
2. 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 the 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.

USING LG SmartThinQ APPLICATION (OPTIONAL)

THINGS TO CHECK BEFORE USING LG SmartThinQ

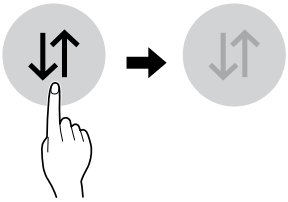
• For appliances with the SmartThinQ logo

1. Check the distance between the appliance and the wireless router (Wi-Fi network).

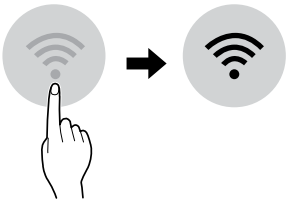
• If the distance between the appliance and the wireless router is too far, the signal strength becomes weak. It may take a long time to register or installation may fail.

2. Turn off the Mobile data or Cellular Data on your smartphone.

• For iPhones, turn data off by going to **Settings → Cellular → Cellular Data.**



3. Connect your smartphone to the wireless router.



NOTE

• To verify the Wi-Fi connection, check that **Wi-Fi** icon on the control panel is lit.

• The appliance supports 2.4 GHz Wi-Fi networks only. To check your network frequency, contact your Internet service provider or refer to your wireless router manual.

• LG SmartThinQ is not responsible for any network connection problems or any faults, malfunctions, or errors caused by network connection.

• If the appliance is having trouble connecting to the Wi-Fi network, it may be too far from the router. Purchase a Wi-Fi repeater (range extender) to improve the Wi-Fi signal strength.

• The Wi-Fi connection may not connect or may be interrupted because of the home network environment.

• The network connection may not work properly depending on the Internet service provider.

• The surrounding wireless environment can make the wireless network service run slowly.

• The appliance cannot be registered due to problems with the wireless signal transmission. Unplug the appliance and wait about a minute before trying again.

• If the firewall on your wireless router is enabled, disable the firewall or add an exception to it.

• The wireless network name (SSID) should be a combination of English letters and numbers. (Do not use special characters.)

• Smartphone user interface (UI) may vary depending on the mobile operating system (OS) and the manufacturer.

• If the security protocol of the router is set to WEP, you may fail to set up the network. Please change it to other security protocols (WPA2 is recommended) and register the product again.

Installing LG SmartThinQ

Search for the LG SmartThinQ application from the Google Play Store or Apple App Store on a smart phone. Follow instructions to download and install the application.

NOTE

• If you choose the simple login to access the LG SmartThinQ application, you must go through the appliance registration process each time you change your smartphone or reinstall the application.

Product Registration

1. Run the **LG SmartThinQ** application on a smart phone.
2. Create an account and sign in.
3. Select **Register.**
4. Select **Air conditioner.**
5. Follow the instruction on the smart phone.

Wi-Fi Function

• For appliances with the SmartThinQ logo
Communicate with the appliance from a smart phone using the convenient smart features.

Using the Application

1. Select the appliance in the application and connect it to a Wi-Fi network.
2. Select the menu on the upper right side to access settings and features.

Firmware Update

Keep the appliance performance updated.

Smart Diagnosis™

If you use the Smart Diagnosis function, you will be provided with the useful information such as a correct way of using the appliance based on the pattern of use.

Settings

Allows you to set various options on the appliance and in the application.

NOTE

• If you change your wireless router, your Internet service provider or your password after registering the appliance, please delete it from the LG SmartThinQ **Settings** → **Edit Product** and register again.
• The application is subject to change for appliance improvement purposes without notice to users.
•Functions may vary by model.

Open Source Software Notice Information

To obtain the source code under GPL, LGPL, MPL, and other open source licenses, that is contained in this product, please visit http://opensource.lge.com.

In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

LG Electronics will also provide open source code to you on CD-ROM for a charge covering the cost of performing such distribution (such as the cost of media, shipping, and handling) upon email request to opensource@lge.com. This offer is valid for three (3) years from the date on which you purchased the product.

Smart Diagnosis™ Using a Smart Phone

• For appliances with the  or  logo

Use this function if you need an accurate diagnosis by an LG Electronics customer information centre when the appliance malfunctions or fails. Smart Diagnosis™ can not be activated unless the appliance is connected to power. If the appliance is unable to turn on, then troubleshooting must be done without using Smart Diagnosis™.

1. Open the **LG SmartThinQ** application on the smart phone.
2. Select the air conditioner in dashboard.
3. Press **Start Smart Diagnosis** button.
4 Follow the instructions on the smart phone.

NOTE

• The Smart Diagnosis™ function depends on the local call quality.

• If the Smart Diagnosis™ data transfer is poor due to poor call quality, you may not receive the best Smart Diagnosis™ service.

• Be sure to keep ambient noise to a minimum or the phone may not correctly receive the buzzer beeps from the indoor unit.

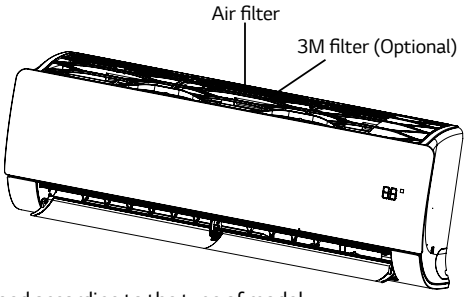
MAINTENANCE

If the air conditioner will not be used for an extended period of time, dry the air conditioner to maintain it in best condition. Clean the product regularly to maintain optimal performance and to prevent possible breakdown.

• Dry the air conditioner in Fan mode for 3 to 4 hours and disconnect the power. There may be internal damage if moisture is left in its components.

• 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 the odor generated from moisture.

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



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

Type	Description	Interval
Air filter	Clean with a vacuum or hand wash.	2 weeks
3M filter	Clean with a vaccum or brush.	Every 6 months
Indoor unit	Clean the Indoor unit surface by using a soft, dry cloth.	Regularly
	Have a professional clean the condensate drain pan.	Once a year
	Have a professional clean the condensate drain pipe.	Every 4 months
	Replace the remote control batteries.	Once a year
Outdoor unit	Have a professional clean the heat exchanger coils and the panel vents. (Consult with technician.)	Once a year
	Have a professional clean the fan.	Once a year
	Have a professional clean the condensate drain pan.	Once a year
	Have a professional verify that all the fan assembly is firmly tightened.	Once a year
	Clean the electric components with air.	Once a year

NOTE

• Never use water that is higher than 40 °C when you clean the filters. It may cause deformation or discoloration.

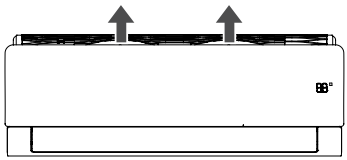
• Never use volatile substances when you clean the filters. They may damage the surface of the product.

• Do not wash the 3M filter with water, because the filter can be damaged (Optional).

CLEANING THE AIR FILTER

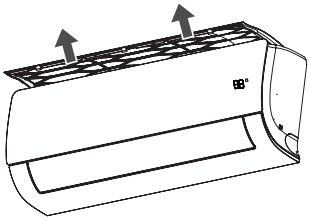
Cleaning the Air filter once every 2 weeks or more if necessary.

1. Turn off the power and unplug the power cord.
2. Hold the knobs of air filter, Lift it up slightly.



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

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



* The feature can be changed according to the 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 neutral detergent.

5. Dry the filter in the shade.

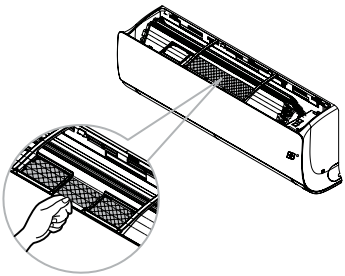
NOTE

• The air filter can be broken when it is bended.

CLEANING THE 3M FILTER (OPTIONAL)

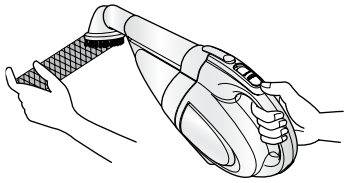
Clean the filter once every 1 month and change the new filter once every 6 months.

1. Turn off the power and unplug the power cord.
2. Remove air filter.
(See "Cleaning the air filter".)
3. Pull out 3M filter.



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

4. Use a vacuum cleaner to remove any dirt. Do not wash the filter with water, because it may make the filter damaged.



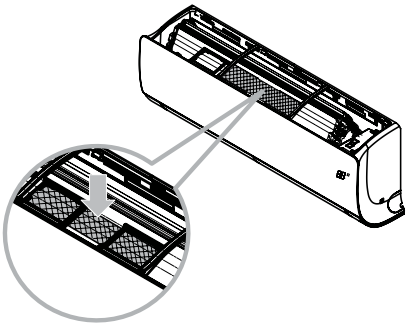
NOTE

• In case of keeping 3M filter, do not open the vinyl packing. (Performance of 3M filter is reduced.)

• In case of purchasing 3M filter, contact with authorized selling agency or LG SVC centers.

ASSEMBLE THE 3M FILTER (OPTIONAL)

1. Remove the air filter. (See "Cleaning the air filter.)
2. Assemble 3M filter into the fixed position. (See "below picture".)



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

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 works.	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 the 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 current 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 or jet operation is selected.	In some operation modes, such as the auto or jet operation mode, 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.


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