



ENGLISH

فارسی

OWNER'S MANUAL

AIR CONDITIONER

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

TYPE : INVERTER



P/NO : MFL67399747

www.lg.com

2 TIPS FOR SAVING ENERGY

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.
- Appliance shall be installed in accordance with national wiring regulations.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.
- 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.
- When the power cord is to be replaced, replacement work shall be performed by authorized personnel only 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.
- Use inflammable gas (nitrogen) to inspect leak and to purge air, using compressed air or flammable gas may cause fire or explosion.
- Select installation locations that can properly support the weight of the indoor. Failure to do so may cause property damage, product failure, and personal injury.
- Improper wiring or installation may cause fire or electric shock.
- Exposure of unit to water or other moisture before installation could result in electrical shock. Do not store in it a wet basement or expose to rain or water.
- When installing the unit, use the installation kit provided with the product. Otherwise the unit

4 IMPORTANT SAFETY INSTRUCTIONS

may fall and cause severe injury.

- Do not install the outdoor unit in a place which can be a nest for small animals. Small animals could enter and contact internal electrical parts, causing a failure or fire.

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.
- 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 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.
- Do not place any objects on the air conditioner. It 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 electronic shock.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory 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 their safety.
- Children should be supervised to ensure that they do not play with the appliance.
- For electrical work, contact the dealer, seller, a qualified electrician, or an Authorized Service Center. There is risk of fire or electric shock.
- Do not hang laundry or other objects from the unit. The unit could fall and cause property damage, product failure, and personal injury.
- Safely dispose of the packing materials. Like screws, nails, batteries, broken things etc after installation or svc and then tear away and throw away the plastic packaging bags. Children may play with them and cause injury.



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.

Operation

- 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 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 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 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 step on the indoor/outdoor unit and do not put anything on it. It may cause an injury through dropping of the unit or falling down.
- Do not tilt the unit when removing or uninstalling it. The condensed water inside can spill.
- Be careful that liquids do not spill onto the remote controller. Otherwise, it may cause failure of remote controller.
- Do not expose the remote controller to direct sunlight or heat. Air conditioner may not function properly.

Operation ranges

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

Mode	Indoor temperature	outdoor temperature
Cooling	18°C~32°C	-10°C~48°C
Heating	16°C~30°C	-10°C~24°C

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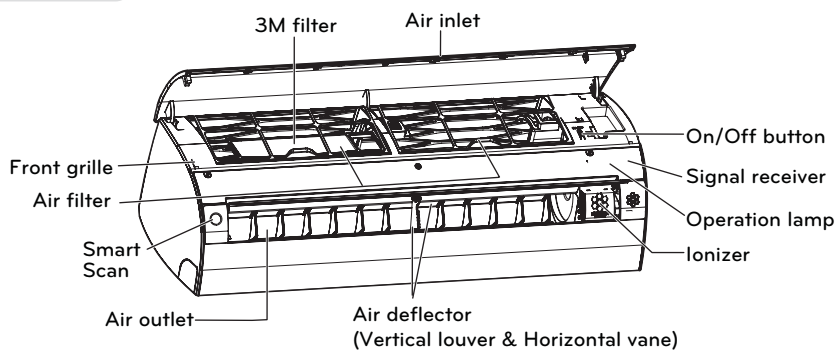
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BEFORE USE

Components

Indoor unit

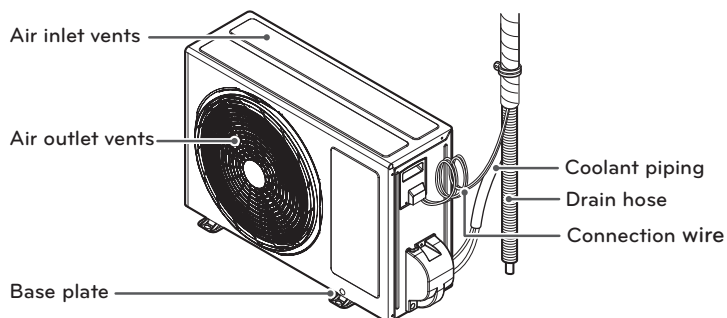


* The feature can be changed according to type of model.

! NOTE

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

Outdoor unit



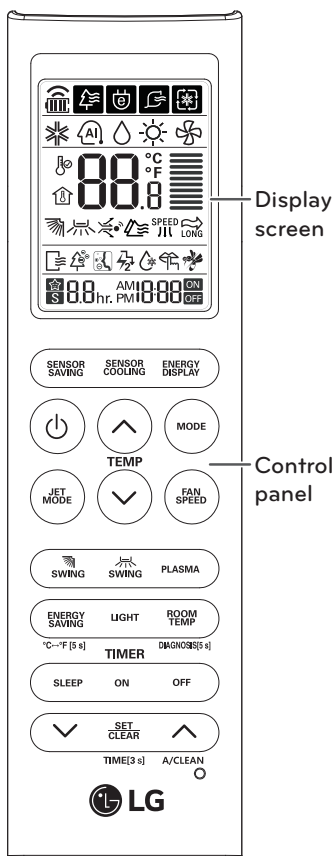
* The feature can be changed according to type of model.

8 BEFORE USE

Using the remote control

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

Wireless remote control



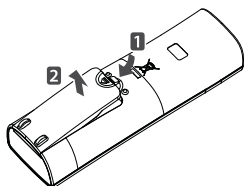
Control panel	Display screen	Description
PLASMA		Plasma button* : Purifies the air by removing particles that enter the indoor unit.
SENSOR SAVING	-	SENSOR SAVING button* : Set or cancel the Sensor saving mode.
SENSOR COOLING		SENSOR COOLING button* : Set or cancel the Sensor cooling mode and selects the type. ➤ : Direct airflow ↙ : Indirect airflow
SLEEP		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.
FAN SPEED		Indoor fan speed button : Adjusts the fan speed.
MODE		Operation mode selection button : Selects the operation mode. Cooling operation (❄) / Auto operation or auto changeover (AI) / Dehumidifying operation (D) / Heating operation (H) / Air circulation (C)
JET MODE	Po	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.
ROOM TEMP (WORKSHEET)		Temperature display button : Displays the room temperature. Diagnosis : To conveniently check maintenance information of a product.
ON OFF	12:00 ON OFF	Timer button : Sets the start / end time.
ENERGY SAVING (C/F [5 s]) A/CLEAN	 	Navigation and functions button* : Adjusts the time and sets the special functions. : Operates Energy saving cooling / Also changes unit from °C to °F if pressed for 5 seconds. : Auto clean
SET CLEAR	-	Set/clear button : Sets or cancels functions. Also set the current time if held for 3 seconds.
O	-	Reset button : Resets the remote controller settings.
LIGHT	-	LIGHT button : Adjusts the brightness of the indoor unit display.
ENERGY DISPLAY	-	Energy Display button : Set whether or not to display information regarding Energy.

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

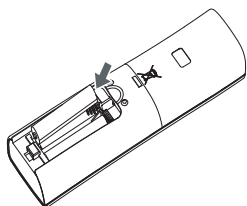
Inserting batteries

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

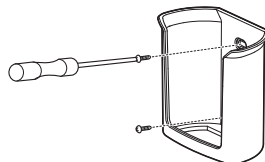
If the display screen of the remote control starts to fade, replace the batteries.

Installing the remote control holder

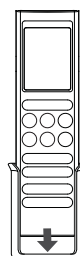
Install the holder where there is no direct sunlight to protect the remote control.

- 1 Choose a safe and easily-accessible place.

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

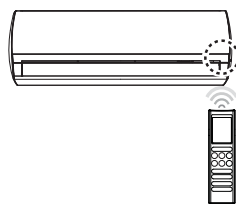


- 3 Slide the remote control into the holder.



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.

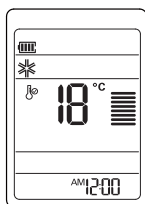
10 BASIC FUNCTIONS

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.

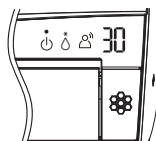
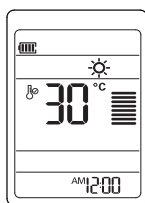


- 3 Press  or  to set the desired temperature.
- The temperature range is 18°C(64°F) ~ 30°C(86°F)

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

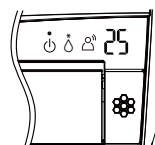
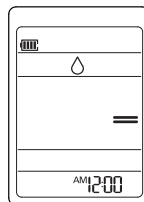
Cooling-only models do not support this function.

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

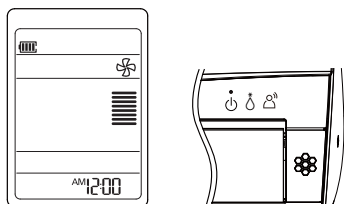
- In this mode you cannot adjust the desired temperature, as it is adjusted automatically. Also, the desired temperature is not displayed on the display screen.

Airing your room (Air Circulation operation)

This mode only circulates the indoor air without changing the room temperature.

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

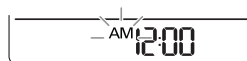
Setting the timer

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.

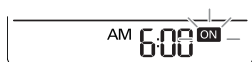


12 BASIC FUNCTIONS

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

Turning on the air conditioner automatically at a set time

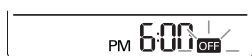
- 1 Press .
- The icon below flickers at the bottom of the display screen.



- 2 Press or to select the minutes.
- 3 Press to finish.
- 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 .
- The icon below flickers at the bottom of the display screen.



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

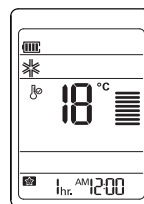
Canceling the timer setting

- 1 Press or to select the timer setting to cancel.
- 2 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 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.

ADVANCED FUNCTIONS

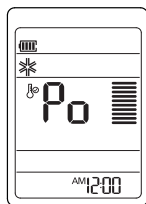
The air conditioner offers some additional advanced functions.

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

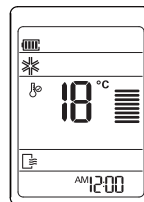
- In Air Circulation, Auto, or Auto Changeover mode, this function cannot be used.
- This function may not be supported, depending on the model.

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  to turn on the power.
- 2 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

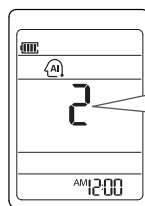
Some buttons cannot be used while the auto cleaning function is in operation.

14 ADVANCED FUNCTIONS

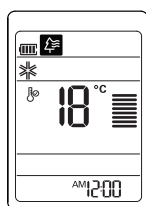
Plasma Purification operation

Ion particles from Plasmaster Ionizer developed by LG sterilize the aerial bacteria and other harmful substances.

- 1 Press to turn on the power.
- 2 Press .
 - is displayed on the display screen.



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.

NOTE

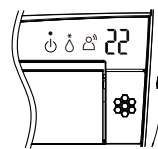
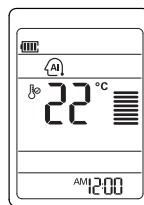
- You can use this function by pressing without turning the air conditioner on.
- This function may not be supported, depending on the model.
- Do not touch Plasmaster ionizer during operation.

Auto Changeover operation

Heat pump models

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.



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.
 - 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.

- 3 Press or to set the desired temperature.
 - The temperature range is $18^\circ\text{C}(64^\circ\text{F}) \sim 30^\circ\text{C}(86^\circ\text{F})$.
- 4 Press repeatedly to select the fan speed.

NOTE

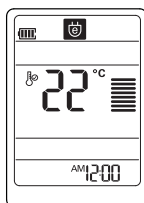
This function may not be supported, depending on the model.

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.

The temperature automatically sets at 22°C(72°F) if ambient temperature is below 22°C(72°F). The temperature maintains if ambient temperature is above 22°C(72°F).

- 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.
- Possible to display different temperature between remote controller and air conditioner during operation.

Display screen brightness

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

- 1 Press .
 - Turn on/off the Display screen.

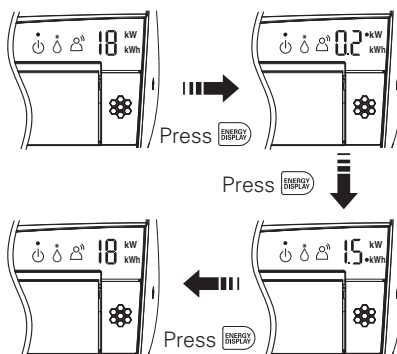
NOTE

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

Energy display

It is a function displaying the amount of electricity generated on the indoor display as the product operates.

- 1 Press to turn on the power.
- 2 Press .
 - Energy Display is displayed on the indoor display screen.

**NOTE**

- When entering a function, it is not displayed separately on the wireless remote control.
- The kW is marked on the indoor display during "Instantaneous Power Display Mode."
- The kWh is marked on the indoor display during "Cumulative Power Display Mode."
- If it is more than 99kWh, which is the range of expression, maintain it as 99kWh.
- Power Off makes its value Reset.
- Display wattage under 10kW with 0.1kW(h) unit, and display one over 10kW with 1kW(h) unit.
- The actual power may differ from its displayed power.

16 ADVANCED FUNCTIONS

Smart Scan

Sensor saving

Sensor saving mode adjusts the temperature by detecting the status of the inhabitant to change to power saving mode.

Sensor saving mode detects the vacancy of the inhabitant to adjust the temperature and air flow to change to power saving mode.

Sensor saving mode operates "Absence operation mode" if there is nobody in the room for a certain period of time.

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

- The Sensor saving is displayed for a while on the indoor unit display.



! NOTE

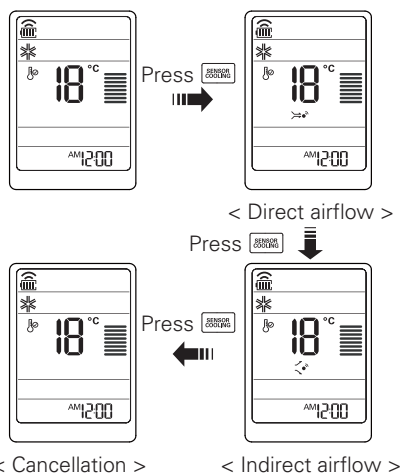
- If you push , , , Sensor saving mode will be cancelled.
- Sensor saving mode set the setting temperature maximum +2°C during cooling.
- Sensor saving mode raises maximum 2 degrees from the set temperature, and operates at 28 degrees with low volume wind if there is nobody for 60 minutes after the temperature rise.

Sensor cooling

Sensor cooling mode controls the airflow by sensing the position of residents.

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

- Each time the button is pressed, the mode is shifted in the direction of the arrow.



! NOTE

- If you push , , , , Sensor cooling mode will be cancelled.

! NOTE

- These mode are not activated during Auto(Change), Heating, Dehumidifying, Air Circulation operation and Sleep mode.
 - Smart scan is activated in cooling mode only. (While the other mode are operating, 'sensor saving or sensor cooling' remote control signal is ignored. In contrast, you push mode button while smart scan is operating, smart scan is turned off.)
- The detection sensitivity of Smart scan is different according to the location of the indoor unit, movement of objects, temperature range etc. (The object very different from the surrounding temperature can be mistakenly detected.)
- If you keep distance more than 5m from Smart scan, It may not detect you.
- Heat emitting objects such as pets, fluttering curtains, sunlight, reflected light etc are also mistakenly detected.
- Smart scan may have incorrect detection according to the thickness of the clothes.
- When surrounding temperature is high(approximately over 28°C(82°F)), sensor saving mode and sensor cooling mode is not activated.
- Do not locate large objects, heating units, or humidifiers near the "Smart Scan".
- Do not hit the "Smart scan". It can be damaged or malfunction.

°C/°F Conversion

The unit converts from °C to °F or from °F to °C if  button is pressed for 5 seconds.

Smart Diagnosis Operation

Smart Diagnosis allows users to conveniently check maintenance information of a product.

- 1 Search and download LG A/C Smart Diagnosis in Google play or App store.
- 2 Click the Receive button on the main screen on your phone.
- 3 Press and hold the  button about 5 seconds aim at the indoor unit.
- 4 Hold your phone close to the indoor unit.
- Buzzer beeps will be received by your phone.
- 5 Confirm the received information on your phone.

! NOTE

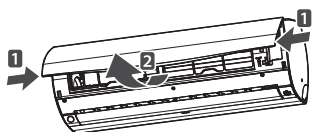
- Easily checking operational status of the air conditioner.
- Easily understanding the error messages.
- Helping to improve device performance and expand product life.
- Be sure to keep ambient noise to a minimum or the phone may not correctly receive the buzzer beeps from the indoor unit.

18 ADVANCED FUNCTIONS

Operating the air conditioner without the remote control

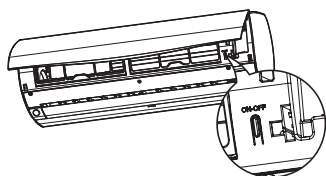
You can use the On/Off button of the indoor unit to operate the air conditioner when the remote control is unavailable. However, the fan speed is set to high.

- 1 Open the front cover.
 - Lift up both sides of the cover slightly.



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

- 2 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	24°C	Heating operation
Above 21°C and below 24°C	23°C	Dehumidifying operation
Above 24°C	22°C	Cooling operation

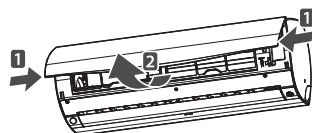
- For cooling-only models, the temperature is set to 22°C (72°F).

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.

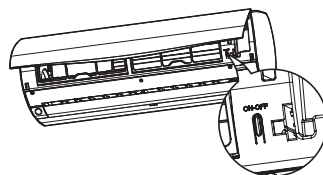
Disabling auto restart

- 1 Open the front cover.
 - Lift up both sides of the cover slightly.



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

- 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 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.

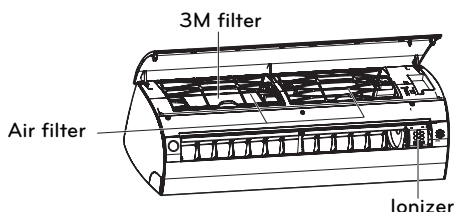
! NOTE

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.

MAINTENANCE

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

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



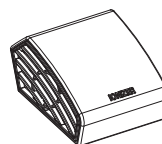
* The feature can be changed according to type of model.

Type	Description	Interval
Air filter	See "Cleaning the air filter."	2 weeks
Ionizer	See "Cleaning the ionizer"	6 months
3M filter	See "Cleaning the 3M filter "	1 month
Indoor unit surface	Use a soft, dry cloth. Do not use bleach or abrasives.	Regularly
Outdoor unit	Use steam to clean the heat exchanger coils and the panel vents (consult with technician).	Regularly

Cleaning the ionizer

- Turn off the power and unplug the power cord.
- Use dry cotton bud to remove any dust.

Note : The ionizer may not be included in some models.



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 washed the 3M filter with water, because the filter can be damaged.



NOTE

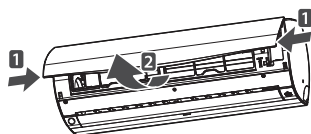
- The location and shape of the filters may differ, depending on the model.
- Make sure to clean the heat exchanger coils of the outdoor unit regularly, as dirt collected in the coils may decrease the operational efficiency or increase energy costs.

20 MAINTENANCE

Cleaning the air filter

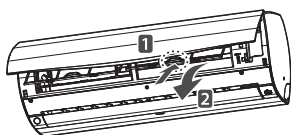
Clean the air filter once every 2 weeks or more if necessary.

- 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.

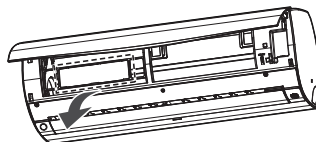


* The feature can be changed according to type of model.

- 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 filter

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



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

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

! NOTE

- We suggest changing the 3M 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.

22 TROUBLESHOOTING

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.