LG
Life's Good

ENGLISH

OWNER'S MANUAL

AIR CONDITIONER

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

TYPE : WALL MOUNTED

P/NO : MFL68802402

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.
- 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.
- 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.
- 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.

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 strom 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 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.

⚠ 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.

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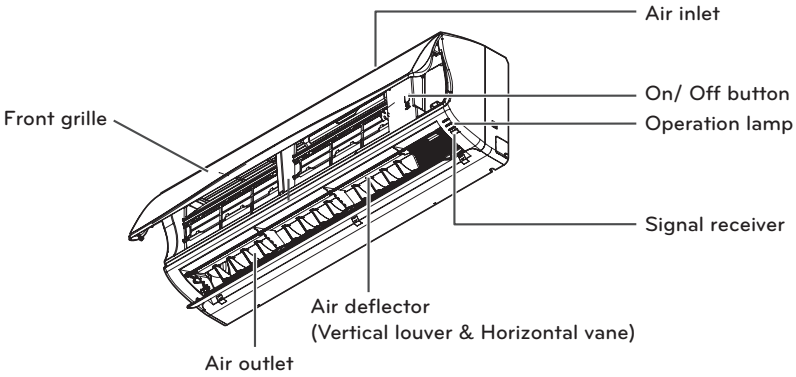
BEFORE USE

Components

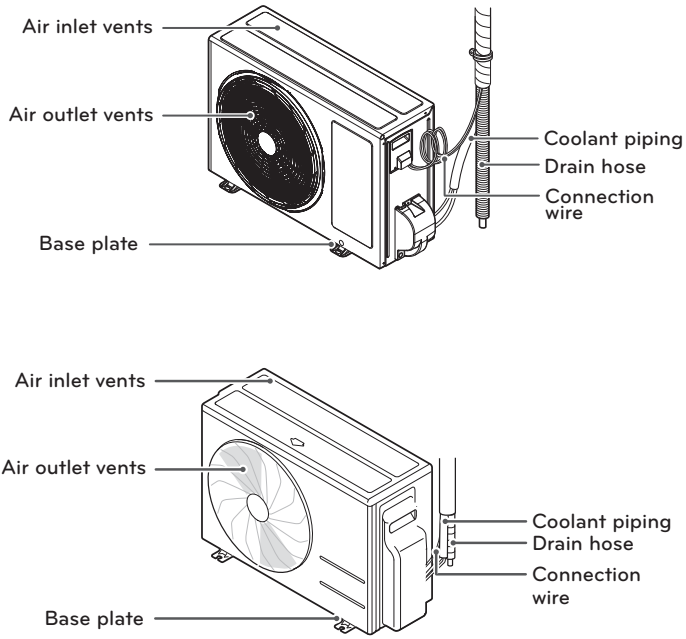
Indoor unit



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

NOTE

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



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

Operation ranges

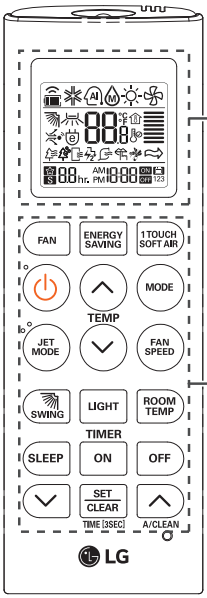
The table below indicates the temperature ranges the air conditioner can be operated within.

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

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 bellow the down of the display screen.

Wireless remote control



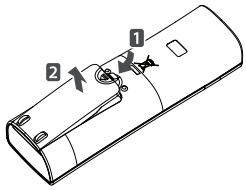
Control panel	Display screen	Description
FAN		**Fan button :** Air come out from the indoor unit below to the room without air temperature change.
SLEEP	hr	**Sleep mode auto button*:** Sets the sleep mode auto operation.
TEMP		**Temperature adjustment buttons:** Adjusts the room temperature when cooling 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 ( ) / Dehumidifying operation ( ) / Heating operation ( )
JET MODE		**Jet cooling/heating button*:** Warms up or cools down the indoor temperature within a short period of time.
SWING		**Air flow direction button:** Adjusts the air flow direction vertically.
ROOM TEMP		**Temperature display button:** Displays the room temperature.
ON OFF	AM 12:00 ON OFF	**Timer button:** Sets the current time and the start / end time.
ENERGY SAVING / A/CLEAN		**Navigation and functions button*:** Sets the special functions. : Auto clean : Operates energy saving cooling
SET CLEAR TIME [3SEC]	-	**Set/clear button:** Sets or cancels functions.
	-	**Reset button :** Resets the remote control settings.
LIGHT		**LIGHT button:** Adjusts the brightness of the indoor unit display.
1 TOUCH SOFT AIR		**1 Touch soft air button :** Easily adjust the air flow to deflect direct wind away.

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

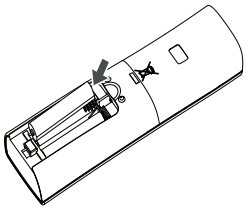
Inserting batteries

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

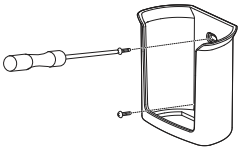
- If the display screen of the remote control starts to fade, replace the batteries.

Installing the remote control holder

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

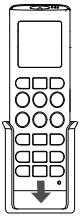
1 Choose a safe and easily-accessible place.

2 Fix the holder by fastening the 2 screws firmly with a screwdriver or using adhered double-sided adhesive tape.



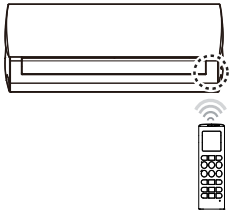
* The feature can be changed according a type of model.

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.



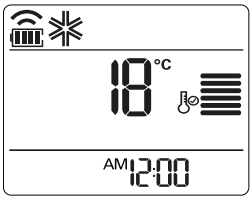
NOTE

- 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.

BASIC FUNCTIONS

Cooling your room
(Cooling operation)

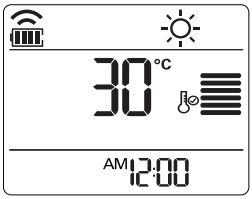
1 Press ⏻ to turn on the power.
2 Press MODE repeatedly to select the cooling operation.
- ❄ is displayed on the display screen.



3 Press ∧ or ∨ to set the desired temperature.
- The temperature range is 18°C ~ 30°C.

Heating your room
(Heating operation)

1 Press ⏻ to turn on the power.
2 Press MODE 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 ~ 30°C.

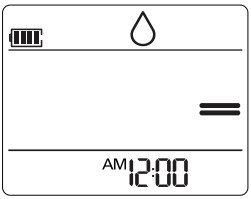
NOTE

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



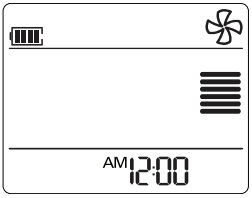
NOTE

- 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 MODE repeatedly to select the air circulation operation.
- 🌀 is displayed on the display screen.



3 Press FAN SPEED to adjust the fan speed.

Adjusting fan speed

Press (FAN SPEED) 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 air flow direction

To adjust the direction of the air flow horizontally, press (SWING) repeatedly and select the desired direction.

- Select ⇶ to adjust the direction of the air flow automatically.

NOTE

- Adjusting the air flow direction vertically 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 icon displayed on the remote control. When this occurs, press (SWING) to adjust the direction of air flow again.

Using the 1 Touch soft air

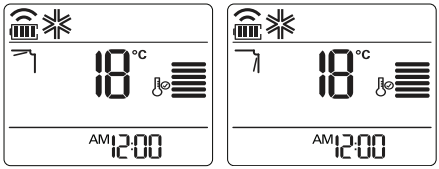
(Comfort Vane operation)

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.

- ⌐ or ¬ is displayed on the display screen.



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.

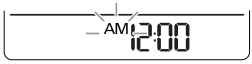
Setting timer

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

Setting current time

1 Press [SET CLEAR] and hold it for longer than 3 seconds.

- The AM/PM icon flickers at the bottom of the display screen.

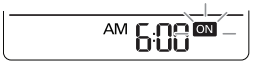


2 Press (∨) or [∧] to select the minutes.

3 Press [SET CLEAR] to finish.

Turning on air conditioner automatically at a set time

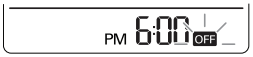
1 Press [ON].
- The icon below flickers at the bottom of the display screen.



2 Press [∨] or [∧] to select the minutes.
3 Press [SET CLEAR] 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 air conditioner automatically at a set time

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



2 Press [∨] or [∧] to select the minutes.
3 Press [SET CLEAR] 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.

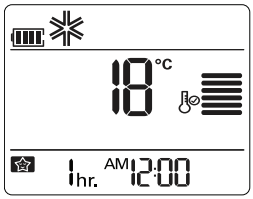
Canceling timer setting

Press [SET CLEAR].
- To cancel all timer settings, press [SET CLEAR].

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] 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.

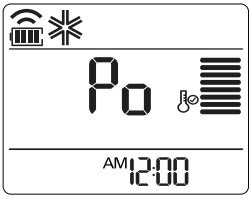
Changing room temperature quickly

(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 JET MODE.



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

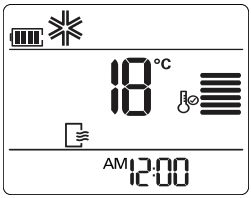
Indoor air purification

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 A/CLEAN.
- 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)

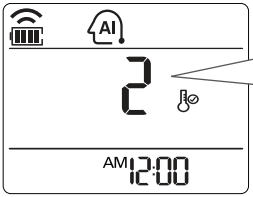
Cooling-only models

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 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.



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

NOTE

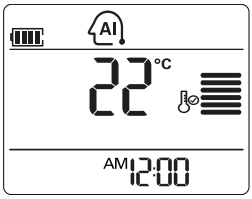
- In this mode, you cannot adjust the fan speed, but you can set the air deflector to rotate automatically.
- This function may not be supported, depending on the model.

Auto Changeover operation

This mode changes the operation mode automatically to maintain the set temperature at ±2°C.

1 Press ⏻ to turn on the power.

2 Press MODE repeatedly to select the auto changeover operation.
- AI is displayed on the display screen.



3 Press ∧ or ∨ to set the desired temperature.
- The temperature range is 18°C ~ 30°C.

4 Press FAN SPEED repeatedly to select the fan speed.

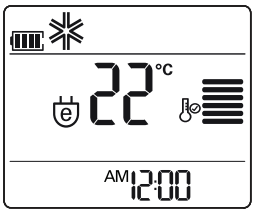
NOTE

- 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.

1 Press (ON/OFF) to turn the power on.
2 Press (MODE) repeatedly to select the cooling operation.
3 Press [ENERGY SAVING].
- ⓔ is displayed on the display screen.



NOTE

- This function may not be supported, depending on the model.
- During Energy Saving Cooling mode, temperature shown at the unit display may be different with the one shown at remote control.
- 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.

- Press [LIGHT] to turn on/off the display screen.

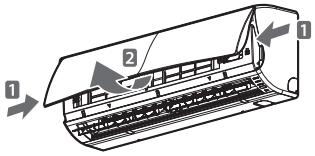
NOTE

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

Operating the air conditioner without the remote control

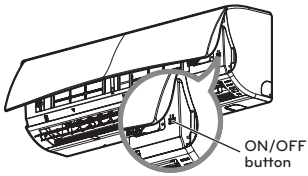
You can use the On/Off button of the indoor unit to operate the air conditioner when the remote control is unavailable. However, the fan speed is set to high.

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



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

2 Press the On/Off button.



* The feature can be changed according a 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

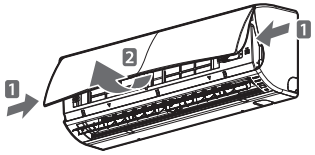
- For cooling-only models, the temperature is set to 22°C.

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.

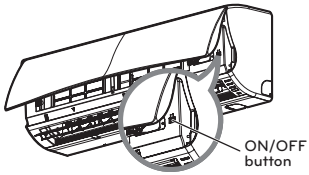
Disabling auto restart

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



* The feature can be changed according a 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 6 times.



* The feature can be changed according a 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 blue lamp will blink 4 times.

NOTE

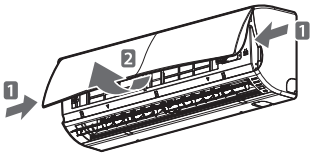
If you press and hold the On/Off button for 3 – 5 seconds instead of 6 seconds, the unit will switch to the test operation. In the test operation, the unit blows out strong air for cooling for 18 minutes and then returns to the factory default settings.

Cleaning the air filter

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

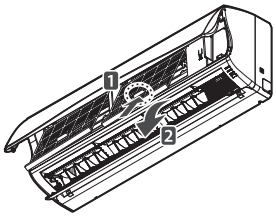
1 Turn off the power and unplug the power cord.

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



* The feature can be changed according a 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 a 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.

MAINTENANCE

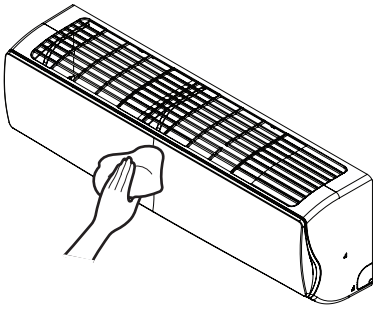
If the air conditioner will not be used for an extended of time, dry the air conditioner to maintain it in best condition.

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 filter."	2 weeks
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(104°F) 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.

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.

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
Abnormal operating conditions.	• 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.
	• Battery setting is wrong in the remote controller.	• Is the battery inserted in Remoted controler? Is the battery inserted with the correct terminal (+)(-)? • Even if you check the upper lists, the air-conditioner does not operate. Please replace new batteries.

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.
	• Outside temperature is too high.	• The cooling effect may not be sufficient.
The air conditioner does not generate warm air.	• When the heating mode is started. • Vane is almost closed and air flow does not come out. • Even though outdoor unit is already begun to operate.	• This symptom is normal. • Please wait until the unit is preparing warm air. • This function prepare to blow warm air.
	• Defrosting mode is being done in the outdoor unit.	• In heating mode, ice/frost is built up on the coils when the outside temperature fall down. • This function remove a layer of frost on the coil. • Please wait until this operation is completed. It takes about 15 mins.
	• Outside temperature is too low.	• The heating effect may not be sufficient.

Problem	Possible causes	Corrective action
The air-conditioner stops during operation.	• The air conditioner is suddenly turn off.	• The timer function could be operated. If the timer function would operate, the air-conditioner can be turn off. • Check the timer setting is correct.
	• A power failure has occurred during operation.	• There is the Auto Restart Function. It is a default setting. • This function can turn on the unit automatically when the power is restored. • If you live in frequent power failure area, this function would be useful.
Indoor unit is still operating even when the power is being turned off.	• Auto-Clean mode is being operated. • This function is to remove the rest of moisture indoor unit.	• Please, wait until the end of functions. • It will be inhibit a fungal growth. If you do not want this feature, you can turn off to press .
Mist is discharged from the air outlet of the indoor unit.	• The cooled air from the air conditioner makes mist.	• When the room temperature is down, this phenomenon will disappear.
Water leaks from the outdoor unit.	• In the heating operations, condensed water drop from the heat exchanger.	• This symptom need to install drain hose under the base pan. • Contact the installer.
Operating noise or vibration.	• Clicking sound Clicking sound can be heard either when the unit starts or stops due to movement of reversing valve. • Creaking sound The plastic parts of the indoor unit make sound of shrinks and expands due to a sudden temperature change. • The water flowing sound, Blowing sound The flow of refrigerant through the air conditioner is switching, noise can be heard.	• These are normal symptoms. • After a moment, it will be silent.
The indoor unit gives out odor.	• The air smells bad because a musty or cigarettes odor may be absorbed into the indoor unit and discharged with airflow.	• If the smell does not disappear, you need to wash filter or heat exchanger. • Contact the installer.

LG
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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

MFL69489601
Rev.01_021816

www.lg.com

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This manual is produced for a group of products and may contain images or content different from the model you purchased.

This manual is subject to revision by the manufacturer.

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SAFETY INSTRUCTIONS

The following safety guidelines are intended to prevent unforeseen risks or damage from unsafe or incorrect operation of the product.

The guidelines are separated into 'WARNING' and 'CAUTION' as described below.

⚠ **This symbol is displayed to the indicate matters and operations that can cause risk. Read the part with this symbol carefully and follow the instructions in order to avoid risk.**

⚠ **WARNING**

This indicates that the failure to follow the instructions can cause serious injury or death.

⚠ **CAUTION**

This indicates that the failure to follow the instructions can cause the minor injury or damage to the product.

⚠ **WARNING**

To reduce the risk of explosion, fire, death, electric shock, injury or scalding to persons when using this product, follow basic precautions, including the following:

Children in the Household

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 use in Europe:

This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Important Safety Instructions

⚠ WARNING

To reduce the risk of explosion, fire, death, electric shock, injury or scalding to persons when using this product, follow basic precautions, including the following:

Installation

- Do not install the air conditioner on an unstable surface or in a place where there is danger of it falling.
- Contact an authorized service center when installing or relocating the air conditioner.
- Install the panel and the cover of the control box safely.
- Do not install the air conditioner in a place where flammable liquids or gases such as gasoline, propane, paint thinner, etc., are stored.
- Make sure that the pipe and the power cable connecting the indoor and outdoor units are not pulled too tight when installing the air conditioner.
- Use standard circuit breaker and fuse that conform to the rating of the air conditioner.
- Do not input air or gas into the system except with the specific refrigerant.
- Use non-flammable gas (nitrogen) to check for leak and to purge air; using compressed air or flammable gas may cause fire or explosion.
- The 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 dedicated electric outlet and circuit breaker before using the air conditioner.
- Do not connect the ground wire to a gas pipe, a lightning rod, or a telephone ground wire.

Operation

- Be sure to use only those parts listed in the service parts list. Never attempt to modify the equipment.
- Make sure that children do not climb on or hit the outdoor unit.
- Dispose of the batteries in a place where there is no danger of fire.
- Use only the refrigerant specified on the air conditioner label.
- Cut off the power supply if there is any noise, smell, or smoke coming from the air conditioner.
- Do not leave flammable substances such as gasoline, benzene, or thinner near the air conditioner.
- Contact an authorized service center when the air conditioner is submerged by flood waters.
- Do not use the air conditioner for an extended period time in a small place without proper ventilation.
- In the event of a gas leak (such as Freon, propane gas, LP gas, etc.) ventilate sufficiently before using the air conditioner again.
- To clean the interior, contact an authorized service center or dealer. Using harsh detergents may cause corrosion or damage to the unit.
- Be sure to ventilate sufficiently when the air conditioner and a heating appliance such as a heater are used simultaneously.
- Do not block the inlet or outlet of air flow.
- Do not insert hands or other objects through the air inlet or outlet while the air conditioner is operating.
- Make sure that the power cable is neither dirty, loose, nor broken.
- Never touch, operate, or repair the air conditioner with wet hands.
- Do not place any objects on the power cable.
- Do not place a heater or other heating appliances near the power cable.
- Do not modify or extend the power cable. Scratches or peeling insulation on the power cables may result in fire or electric shock, and should be replaced.
- Cut off the power supply immediately in the event of a blackout or a thunderstorm.

Maintenance

- Do not clean the appliance by spraying water directly onto the product.
- Before cleaning or performing maintenance, disconnect the power supply and wait until the fan stops.

Technical Safety

- Installation or repairs made by unauthorized persons can pose hazards to you and others.
- The information contained in the manual is intended for use by a qualified service technician who is familiar with the safety procedures and equipped with the proper tools and test instruments.
- Failure to read and follow all instructions in this manual can result in equipment malfunction, property damage, personal injury and/or death.
- The appliance shall be installed in accordance with national wiring regulations.
- When the power cord is to be replaced, the replacement work shall be performed by authorized personnel using only genuine replacement parts.
- This appliance must be properly grounded to minimize risk of electric shock.
- Do not cut or remove the grounding prong from the power plug.
- Attaching the adapter ground terminal to the wall receptacle cover screw does not ground the appliance unless the cover screw is metal, uninsulated, and the wall receptacle is grounded through house wiring.
- If you have any doubt whether the air conditioner is properly grounded, have the wall receptacle and circuit checked by a qualified electrician.
- The refrigerant and insulation blowing gas used in the appliance require special disposal procedures. Consult a service agent or a similarly qualified person before disposing of them.
- If the supply cord is damaged, it must be replaced by the manufacturer or its service agents or similarly qualified person in order to avoid a hazard.

⚠ CAUTION

To reduce the risk of minor injury to persons, malfunction, or damage to the product or property when using this product, follow basic precautions, including the following:

Installation

- Do not install the air conditioner in an area where it is directly exposed to sea wind(salt spray).
- Install the drain hose properly for the smooth drainage of water condensation.
- Exercise caution when unpacking or installing the air conditioner.
- Do not touch the leaking refrigerant during installation or repair.
- Transport the air conditioner with two or more people or use a forklift.
- Install the outdoor unit such that it is protected from direct sunlight. Do not place the indoor unit in a place where it is directly exposed to sunlight via the windows.
- Safely dispose of packing materials such as screws, nails or batteries using proper packaging after installation or repair.
- Install the air conditioner in a place where the noise from the outdoor unit or the exhaust fumes will not inconvenience the neighbors. Failure to do so may result in conflict with the neighbors.

Operation

- Remove the batteries if the remote control is not to be used for an extended period of time.
- Make sure that the filter is installed before operating the air conditioner.
- Be sure to check if there is a refrigerant leak after installing or repairing the air conditioner.
- Do not place any object on the air conditioner.
- Never mix different types of batteries, or old and new batteries for the remote control.
- Do not let the air conditioner run for a long time when humidity is very high or when a door or a window has been left open.

- Stop using the remote control if there is a fluid leak in the battery. If your clothes or skin are exposed to the leaking battery fluid, wash off with clean water.
- Do not expose people, animals, or plants to the cold or hot wind from the air conditioner for extended periods of time.
- If the leaking battery fluid has been swallowed, wash off the inside of the mouth thoroughly and consult a doctor.
- Do not drink the water drained from the air conditioner.
- Do not use the product for special purposes, such as preserving foods, works of art, and etc. It is an air conditioner for consumer purposes, not a precision refrigeration system. There is risk of damage or loss of property.
- Do not recharge or disassemble the batteries.

Maintenance

- Never touch the metal parts of the air conditioner when removing the air filter.
- Use a sturdy stool or ladder when cleaning, maintaining, or repairing the air conditioner at a height.
- Never use strong cleaning agents or solvents when cleaning the air conditioner or spray water. Use a smooth cloth.

OPERATION

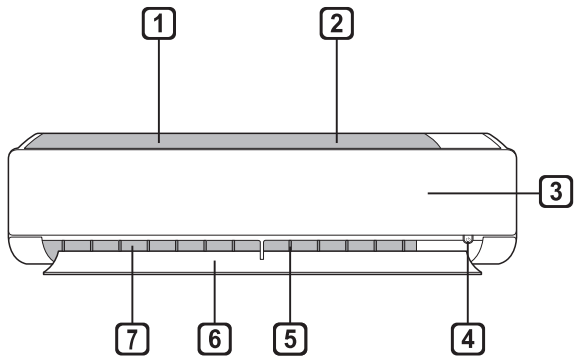
Notes for Operation

Suggestion for Energy Saving

- 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, within a short period of time.
- Open windows regularly for ventilation. The indoor air quality may deteriorate if the air conditioner is used for long durations.
- 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.

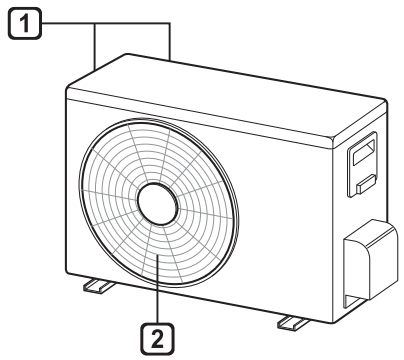
Parts and Functions

Indoor Unit



1. Air Filter(under the panel)
2. Air Intake
3. Front Cover
4. On/Off Button
5. Air Deflector (Vertical louver)
6. Air Deflector (Horizontal vane)
7. Air Outlet

Outdoor Unit



1. Air Intake Vents
2. Air Outlet Vents

NOTE

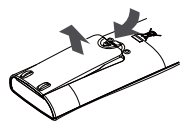
- The number and location of operation lamps may vary according to the model of the air conditioner.
- The feature may be changed according to the type of model.

Wireless Remote Control

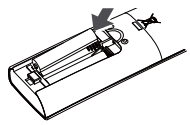
Inserting Batteries

If the display screen of the remote control begins to fade, replace the batteries. Insert AAA (1.5 V) batteries before using the remote control.

1 Remove the battery cover.



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



Installing the Remote Control Holder

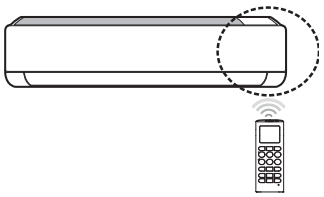
To protect the remote control, install the holder where there is no direct sunlight.

1 Choose a safe and easily accessible location.

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

Operating method

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



NOTE

- The remote control may operate other electronic devices if it is directed towards them. Make sure to point the remote control towards the air conditioner signal receiver.
- For proper operation, use a soft cloth to clean the signal transmitter and receiver.
- In case of a function not provided in the product, no buzzer sound occurs from the product when a button for such function on the remote control is pressed.

Setting the Current Time

1 Insert batteries.

- The icon below blinks at the bottom of the display screen.

2 Press [v] or [^] button to select the minutes.

3 Press **SET/CANCEL** button to finish.

NOTE

- The On/Off Timer is available after setting the current time.

Using the °C/°F Conversion Function(Optional)

This function changes unit between °C and °F.

- Press and hold SWING button about 5 seconds.

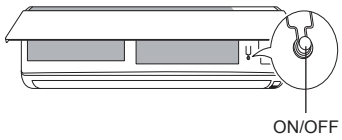
Operating the Air Conditioner Without the Remote Control

You can use the **ON/OFF** button of the indoor unit to operate the air conditioner when the remote control is unavailable.

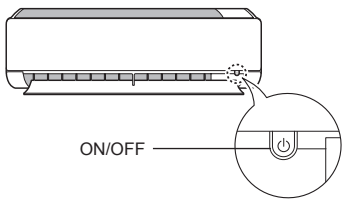
1 Open the front cover (Type1) or horizontal vane(Type2).

2 Press the **ON/OFF** button.

Type1



Type2

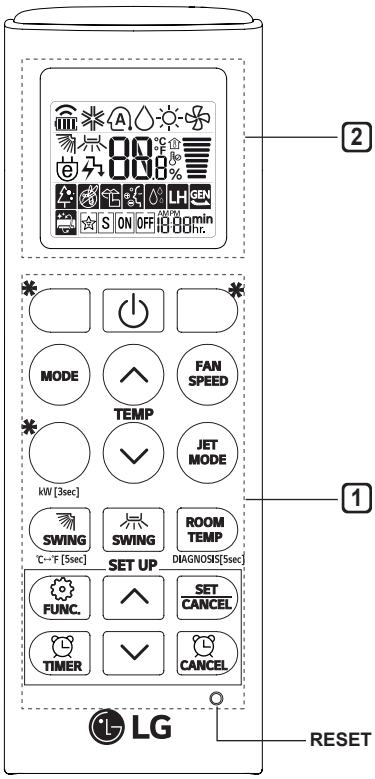


NOTE

- The stepping motor may be broken, if the horizontal vane opens rapidly.
- The fan speed is set to high.
- The feature may be changed according to the type of model.
- The temperature cannot be altered when using this emergency On/Off button.
- For cooling-only models, the temperature is set to 22 °C.
- For cooling & heating models, the temperature is set from 22 °C to 24 °C.

Using Wireless Remote Control

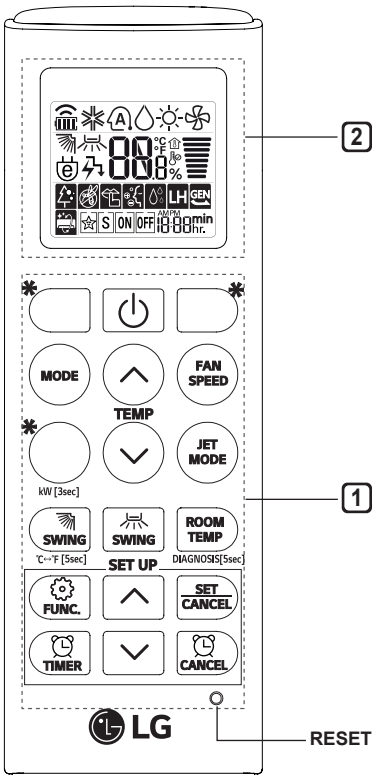
You can operate the air conditioner more conveniently with the remote control.



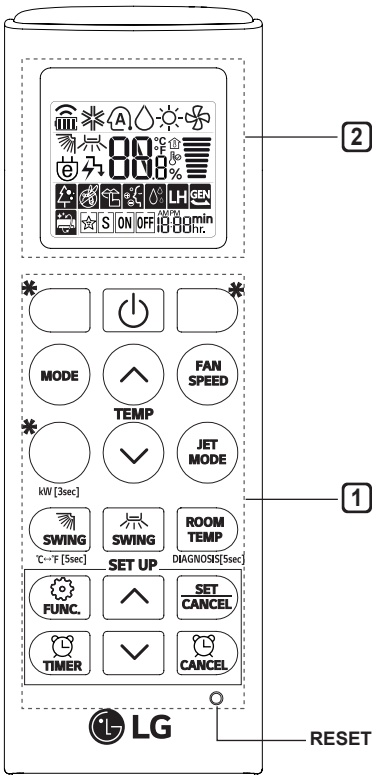
1 Button	2 Display Screen	Description
	-	To turn on/off the air conditioner.
TEMP	88 °C	To adjust the desired room temperature in cooling, heating or auto changeover mode.
MODE		To select the cooling mode.
		To select the heating mode.
		To select the dehumidification mode.
		To select the fan mode.
		To select the auto changeover/auto operation mode.
JET MODE	Po	To change room temperature quickly.
FAN SPEED		To adjust the fan speed.
SWING SWING		To adjust the air flow direction vertically or horizontally.

NOTE

- * buttons may be changed according to the type of model.



1 Button	2 Display Screen	Description
TIMER	S ON OFF	To turn on/off air conditioner automatically at desired time.
SET/ CANCEL	-	To set/cancel the special functions and timer.
CANCEL	-	To cancel the timer settings.
∨ ∧	-	To adjust time.
***LIGHT OFF**	-	To set the brightness of the display on the indoor unit.
ROOM TEMP		To display the room temperature.
°C↔°F[5sec]	°C °F	To change unit between °C and °F.
***ENERGY SAVING**		To minimize power consumption.
***COMFORT AIR**		To adjust the air flow to deflect wind.
kW[3sec]	-	To set whether or not to display information regarding energy.
***ENERGY CTRL**	88 %	To bring the effect of the power saving.
***COMFORT SLEEP**		To make the comfortable sleep environment.
DIAGNOSIS [5sec]	-	To conveniently check maintenance information of a product.
*		To fan away a mosquito.



1 Button	2 Display Screen	Description
FUNC.		To purify the air by removing particles that enters the indoor unit.
		To reduce noise from outdoor units.
		To keep your skin moisturized by generating ion clusters.
	Po	To lower indoor humidity quickly.
	LH	To maintain a minimum room temperature and prevent objects in the room from freezing.
	GEN	To operate air conditioner under the previously set power consumption.
		To remove moisture generated inside the indoor unit.
	SL	To make the comfortable sleep environment.
RESET	-	To Initialize the remote control settings.

NOTE

- Some functions may not be supported, depending on the model.
- * buttons may be changed according to the type of model.

Restarting the Air Conditioner Automatically

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

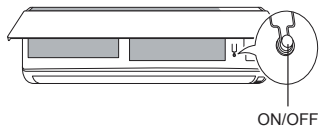
Disabling Auto Restart

1 Open the front cover (Type1) or horizontal vane(Type2).

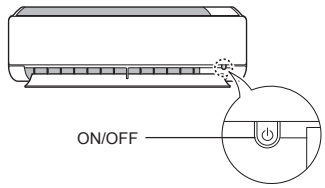
2 Press the **ON/OFF** button and hold it for 6 seconds, then The unit will beep twice and the lamp will blink twice 4 times.

- 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.

Type1



Type2



NOTE

- The feature may be changed according to the type of model.
- 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 cooling air for 18 minutes and then returns to factory default settings.

Using the Mode Function

This function allows you to select the desired function.

Cooling Only Model

Cooling Mode

↓

Auto Operation(AI) Mode

↓

Dehumidification Mode

↓

Fan Mode

Cooling & Heating Model

Cooling Mode

↓

Auto Changeover Mode

↓

Dehumidification Mode

↓

Heating Mode

↓

Fan Mode

Cooling Mode

1 Turn the appliance on.

2 Press **MODE** button repeatedly to select the Cooling Mode.

- ❄ is displayed on the display screen.

3 Press ∧ or ∨ button to set the desired temperature.

Heating Mode

1 Turn the appliance on.

2 Press **MODE** button repeatedly to select the Heating Mode.

- is displayed on the display screen.

3 Press ^ or v button to set the desired temperature.

Dehumidification Mode

This mode removes excess moisture from a highly humid environment or during the rainy season, in order to prevent molding from setting in. This mode adjusts the room temperature and the fan speed automatically to maintain the optimal level of humidity.

1 Turn the appliance on.

2 Press **MODE** button repeatedly to select the Dehumidification Mode.

- is displayed on the display screen.

NOTE

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

Fan Mode

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

1 Turn the appliance on.

2 Press **MODE** button repeatedly to select the Fan Mode.

- is displayed on the display screen.

3 Press **FAN SPEED** button to adjust the fan speed.

Auto Changeover Mode

Cooling & Heating Model

This mode changes the mode automatically to maintain the set temperature at ±2 °C.

1 Turn the appliance on.

2 Press **MODE** button repeatedly to select the Auto Changeover Mode.

- is displayed on the display screen.

3 Press ^ or v button to set the desired temperature.

4 Press **FAN SPEED** button to adjust the fan speed.

Auto Operation(Artificial Intelligence)

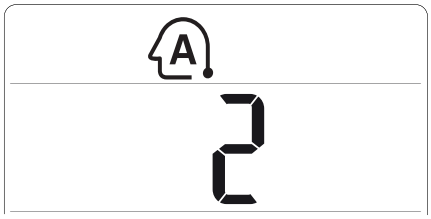
Cooling Only Model

This mode automatically sets the fan speed and temperature depending on the room temperature.

1 Turn the appliance on.

2 Press **MODE** button repeatedly to select the Auto Operation.
- (A) is displayed on the display screen.

3 Press ^ or v button 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.

Using the Jet Mode Function

Changing Room Temperature Quickly

This function allows you to cool indoor air quickly during the summer or warm it quickly during winter.

- Cooling & Heating model : The Jet Mode function is available with Cooling, Heating and Dehumidification Mode.
- Cooling Only model : The Jet Mode function is available with Cooling, Dehumidification, Fan, Auto Operation Mode and Air Purification function.

1 Turn the appliance on.

2 Press **MODE** button repeatedly to select the desired mode.

3 Press **JET MODE** button.
- Po is displayed on the display screen.

NOTE

- Jet Heating Mode is not available on some models.
- In Jet Cooling Mode, strong air blows out at temperature of 18 °C for 30 minutes.
- In Jet Heating Mode, strong air blows out at temperature of 30 °C for 30 minutes.
- This function may operate differently from the remote control display.

Using the Fan Speed Function

Adjusting the Fan Speed

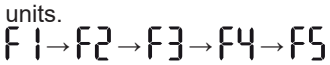
- Press **FAN SPEED** button repeatedly to adjust the fan speed.

Display Screen	Speed
	High
	Medium - High
	Medium
	Medium - Low
	Low
-	Natural Wind

NOTE

- The fan speed of natural air adjusts automatically.

- The fan speed icons are displayed on some indoor units.



- Indoor unit display is displayed only 5 sec and return to the setting temperature on some models.

Using the Air Flow Direction Function

This function adjusts the direction of the air flow vertically (horizontally).

- Press button 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 button to adjust the direction of the air flow again.
- This function may operate differently from the remote control display.

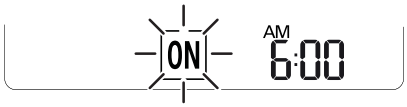
Setting the On/Off Timer

This function sets the air conditioner to turn on/off automatically at desired time.

Setting the On Timer

1 Press TIMER button repeatedly.

- The icon below blinks at the bottom of the display screen.



2 Press ∨ or ∧ button to select the minutes.

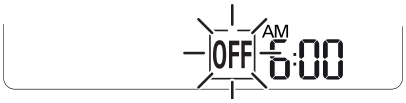
3 Press **SET/CANCEL** button to finish.

- After setting the timer, current time and ON icon are displayed on the display screen indicating that the desired time is set.

Setting the Off Timer

1 Press TIMER button repeatedly.

- The icon below blinks at the bottom of the display screen.



2 Press ∨ or ∧ button to select the minutes.

3 Press **SET/CANCEL** button to finish.

- After setting the timer, current time and OFF icon are displayed on the display screen indicating that the desired time is set.

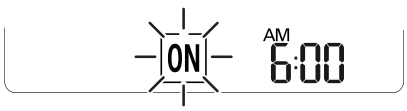
NOTE

- This function is disabled when you set Simple Timer.

Canceling the On Timer

1 Press TIMER button repeatedly.

- The icon below blinks at the bottom of the display screen.

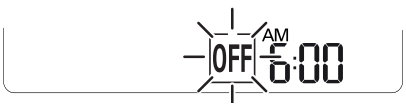


2 Press **SET/CANCEL** button to cancel the setting.

Canceling the Off Timer

1 Press TIMER button repeatedly.

- The icon below blinks at the bottom of the display screen.



2 Press **SET/CANCEL** button to cancel the setting.

Canceling the Timer Setting

- Press CANCEL button to cancel all timer settings.

Using the Sleep Function(Optional)

This function turns off the air conditioner automatically when you go to sleep.

1 Turn the appliance on.

2 Press TIMER button repeatedly.

- The icon below blinks at the bottom of the display screen.

3 Press ∨ or ∧ button to select the hour (up to 7 hours).

4 Press **SET/CANCEL** button to finish.

- ☆ is displayed on the display screen.

NOTE

- H is displayed on some indoor units.
- Indoor unit display is displayed from 1H to 7H, which is displayed only 5 sec and then return to the setting temperature.
- In the Cooling and Dehumidification Mode, the temperature increases by 1 °C after 30 minutes and additional 1 °C after another 30 minutes for a more comfortable sleep.
- The temperature increases up to 2 °C from the preset temperature.
- Although the remark for fan speed on the display screen may be changed, the fan speed is adjusted automatically.

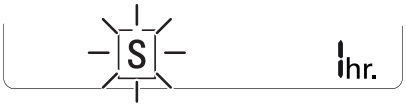
Using the Simple Timer Function(Optional)

This function turns off the air conditioner automatically when you go to sleep.

1 Turn the appliance on.

2 Press TIMER button repeatedly.

- The icon below blinks at the bottom of the display screen.



3 Press ∨ or ∧ button to select the hour (up to 7 hours).

4 Press **SET/CANCEL** button to finish.

- S is displayed on the display screen.

NOTE

- This function is disabled when you set Off Timer.

Using the Energy Display Function(Optional)

This function displays the amount of electricity generated on the indoor display as the product operates.

Display the Current Energy Usage

1 Turn the appliance on.

2 Press kW [3sec] button and hold it about 3 seconds.

- The instantaneous power consumption(03 kW or 88 •kW kWh) is displayed for a while on some indoor units.

Display the Cumulative Energy Usage(Optional)

1 Turn the appliance on.

2 Press kW [3sec] button and hold it about 3 seconds twice.

- The cumulative power consumption(88 kW •kWh) is displayed for a while on some indoor units.

NOTE

- It is not displayed on the wireless remote control.
- **kW** refers to instantaneous power consumption.
- **kWh** refers to cumulative power consumption.
- If it is more than 99 kW(h), which is the range of expression, maintain it as 99 kW(h).
- Power off resets its value.
- Display wattage under 10 W with 0.1 kW(h) unit, and display one over 10 W with 1 kW(h) unit.
- The actual power may differ from the power displayed.

Using the Light Off Function(Optional)

Display Screen Brightness

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

- Press **LIGHT OFF** button.

Using the Comfort Air Function(Optional)

Comfort Vane Operation

This function conveniently sets the vane to a preset position to deflect the supply air away from blowing directly onto the occupants in the room.

1 Turn the appliance on.

2 Press **COMFORT AIR** button repeatedly and select the desired direction.

- or is displayed on the display screen.

NOTE

- or is displayed on some indoor units.
- This function is disabled when you press **MODE** or **JET MODE** button.
- This function is disabled and auto swing of vertical direction is set up when you press button.
- When this function is off, the horizontal vane operates automatically depending on the set mode.

Using the Energy Saving Function(Optional)

This function minimizes power consumption during Cooling and increases the set temperature to the optimal level for a more comfortable environment. The temperature automatically settles at 22 °C, if room ambient temperature is below 22 °C. The temperature remains constant if it is above 22 °C.

1 Turn the appliance on.

2 Press **MODE** button repeatedly to select the Cooling Mode.

3 Press **ENERGY SAVING** button.

- is displayed on the display screen.

Using the Energy Control Function(Optional)

1 Turn the appliance on.

2 Press **ENERGY CTRL** button.
- Press **ENERGY CTRL** button repeatedly to select each step.

NOTE

- 1 step : The power Input is decreased by 20% compared to rated power input.
  - 80 % is displayed on the display screen.
- 2 step : The power Input is decreased by 40% compared to rated power input.
  - 60 % is displayed on the display screen.
- 3 step(Optional) : The power Input is decreased by 60% compared to rated power input.
  - 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 sec if you press **FAN SPEED**, ^ or v button.
- Room temperature is displayed about 5 sec if you press **ROOM TEMP** button.

Using the Mosquito Away Function(Optional)

This function fans away mosquitos by generating a high-frequency wave.

- Press button.

NOTE

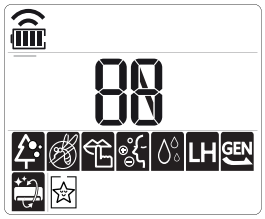
- You can use this function without turning the air conditioner on.

Using Special Functions

1 Turn the appliance on.

2 Press **FUNC** button repeatedly to select the desired function.

3 Press **SET/CANCEL** button to finish.



Display Screen	Description
	To purify the air by removing particles that enters the indoor unit.
	To reduce noise from outdoor units.
	To keep your skin moisturized by generating ion clusters.
Po	To lower indoor humidity quickly.
LH	To maintain a minimum room temperature and prevent objects in the room from freezing.
GEN	To operate air conditioner under the previously set power consumption.
	To remove moisture generated inside the indoor unit.
SL	To make the comfortable sleep environment.

NOTE

- Some functions may not be supported, depending on the model.
- Some functions may operate differently from the remote control display.

Canceling Special Functions

1 Press **FUNC** button repeatedly to select the desired function.

2 Press **SET/CANCEL** button to cancel the function.

Using the Air Purification Function

These functions supply clean and fresh air by ion particles and filter.

Function	Display	Description
Ionizer		Ion particles from Ionizer sterilize the aerial bacteria and other harmful substances.
Plasma		It removes microscopic contaminants from the intake air completely to supply clean and fresh air.

NOTE

- You can use this function without turning the air conditioner on.
- Both the plasma lamp and the cooling lamp light up while Smoke Away/Plasma is in operation on some models.
- Do not touch ionizer during operation.
- This function may operate differently from the remote control display.

Using the Silent Function

This function prevents potential claims by neighbors, reducing noise from outdoor units.

- is displayed on the display screen.

NOTE

- This function is disabled when you press **MODE** or **ENERGY CTRL** or **JET MODE** button.
- This function is available with Cooling, Heating, Auto Changeover, Auto Operation Mode.

Using the Ion Care Function

This function keeps your skin moisturized by generating ion clusters which is absorbed into the surface of skin.

- is displayed on the display screen about 3 seconds.

NOTE

- This function is available with Cooling, Fan Mode and Air Purification function.

Using the Jet Dry Function

This function maximizes the performance of dehumidification.

- , are displayed on the display screen.

NOTE

- This function is available with Cooling, Dehumidification, Auto Operation, Fan Mode and Air Purification function.
- This function is not available with Sleep function.
- This function is disabled when you press **MODE** button.

Using the Low Heating Function

This function operates the heating system to maintain a minimum room temperature and prevent objects in the room from freezing where there is no permanent resident, such as a vacation.

- LH, LH are displayed on the display screen.

NOTE

- This function is available with Heating Mode.
- During LH operation, when you press buttons such as ^, v, **MODE**, **FAN SPEED**, and then return to Heating Mode, 30°C, high speed.
- If **JET MODE** button is pressed during LH operation, this function is disabled and Power Heating Mode is operated immediately. (only for power heating model)
- In case an error occurred, operation can be interrupted for the protection of the product.
- **COMFORT AIR** and SWING button cannot be used while the LH function is in operation.

Using the Auto Clean Function

In the Cooling and Dehumidification Mode, moisture is generated inside the indoor unit. This function removes such moisture.

- is displayed on the display screen.

NOTE

- Some buttons cannot be used while the Auto Clean function is in operation.
- If you turn off the power, the fan operates for 30 minutes and cleans the inside of the indoor unit.

Using the Comfort Sleep Function

This function operates the air conditioner automatically to make the comfortable sleep environment.

- , are displayed on the display screen.

NOTE

- This function is available with Cooling Mode.
- The vane stops swing and sets indirect airflow angle, after 30 minutes from start even though the room temperature doesn't decrease to optimal temperature to sleep.
- It is possible that a comfortable sleep environment is different according to the people.

Smart Appliance Connectivity

Using the Wi-Fi Pairing Function(Optional)

Once it is connected to the internet through a home Wi-Fi network, you can control the appliance remotely with the application for the smart phone.

- Press and hold the and **JET MODE** button simultaneously about 3 seconds.

NOTE

- It is not displayed on the wireless remote control.
- For more information, read manual in Wi-Fi module.

Using the Smart Diagnosis Function(Optional)

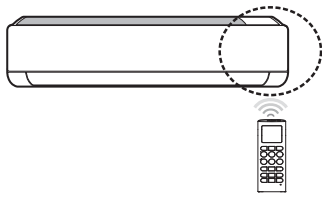
Smart Diagnosis allows users to conveniently check maintenance information of a product.

- Easily checking operational status of the air conditioner.
- Easily understanding the error messages.
- Helping to improve device performance and expand product life.

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 **ROOM TEMP** 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

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

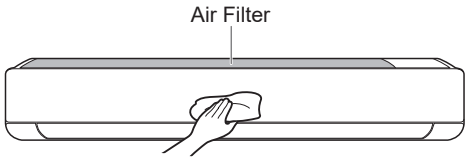
MAINTENANCE

⚠ WARNING

- Turn off the power and unplug the power cord before you perform any maintenance; otherwise it may cause electric shock.

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.



- The feature may be changed according to the type of model.

Type	Description	Interval
Air filter	Clean with a vacuum or hand wash.	2 weeks
Triple filter	Clean with a vaccum or brush.	Every 3 months
3M filter	Clean with a vaccum or brush.	Every 6 months
Ionizer(Optional)	Use dry cotton bud to remove any dust	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

⚠ CAUTION

- 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).
- Do not wash the Triple filter with water, because the filter can be damaged (Optional).

Clean the Air Filter

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

NOTE

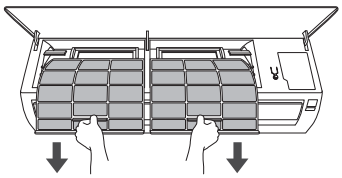
- The air filter can be broken when it is bended.
- When the air filter is not assembled correctly, dust and other substance come into the indoor unit.

Type1

1 Turn off the power and unplug the power cord.

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

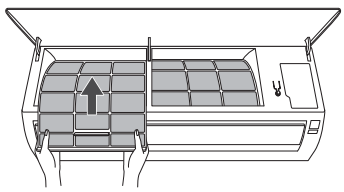
3 Hold the knobs of the air filters, pull them down slightly and remove them from the indoor unit.



4 Clean the filters with a vacuum cleaner or with lukewarm water with neutral detergent.

5 Dry the filters in the shade.

6 Insert the hooks of the air filters into the front cover.



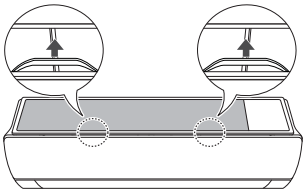
7 Check the side of the front cover for correct assembly of the air filters.

Type2

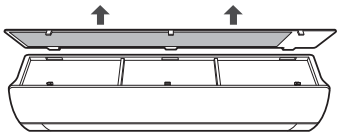
If you look at the indoor unit from above it, can assemble the top filter easily.

1 Turn off the power and unplug the power cord.

2 Hold the knob of air filter, lift it up slightly.



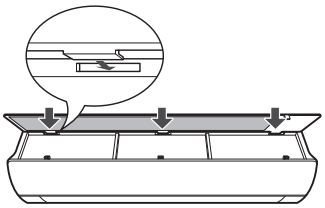
3 Remove it from the indoor unit.



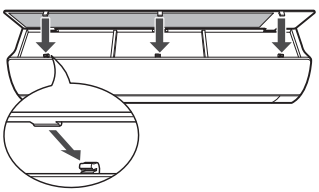
4 Clean the filter with a vacuum cleaner or with lukewarm water with neutral detergent.

5 Dry the filter in the shade.

6 Insert the hooks of the air filter into the front cover.



7 Push down hooks to assemble the air filter.



8 Check the side of the front cover for correct assembly of the air filter.

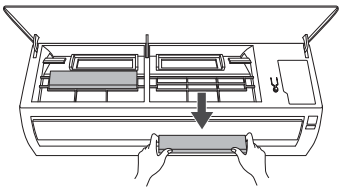
Clean the 3M and Triple Filter(Optional)

1 Turn off the power and unplug the power cord.

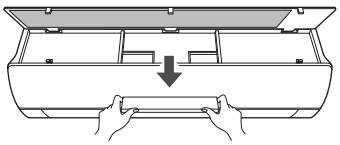
2 Remove the air filters from the indoor unit.

3 Remove the 3M and Triple filters from the indoor unit.

Type1



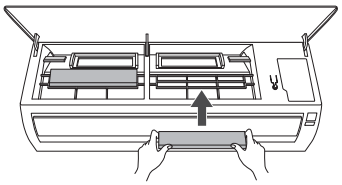
Type2



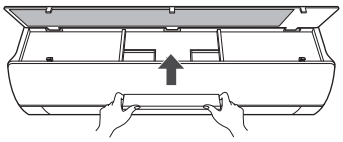
4 Clean the filters with a vacuum cleaner.

5 Insert the 3M and Triple filters.

Type1



Type2



6 Assemble the air filters.

7 Check the side of the front cover for correct assembly of the air filters.

NOTE

- The feature and location of 3M and Triple filter may vary 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 Calling for 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
The air conditioner does not work normally.	Burning smell and strange sounds are coming from the unit.	• Turn off the air conditioner, unplug the power cable or disconnect the power supply, and contact the service center.
	Water leaks from the indoor unit even when the humidity level is low.	
	The power cable is damaged or it is generating excessive heat.	
	A switch, a circuit breaker (safety, ground), or a fuse is not operated properly.	
	The unit generates an error code from its self-diagnosis.	
The air conditioner does not work.	The air conditioner is unplugged.	• Check whether the power cord is plugged into the outlet or the power isolators are switched on.
	A fuse exploded, 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 was turned off automatically at a preset time.	• Turn the air conditioner on.
	The battery setting in the remote controller is incorrect.	• Make sure that the batteries are inserted correctly in your remote controller. • If the batteries are placed correctly, but the air conditioner still does not operate, replace the batteries and try again.

Problem	Possible Causes	Corrective Action
The air conditioner does not emit cool air.	Air is not circulating properly.	• Make sure that there are no curtains, blinds, or pieces of 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, cooling the indoor air fully may take some time. In this case, select the Jet Mode to cool the indoor air quickly.
	Cold air is escaping from the room.	• Make sure that no cold air is escaping through the 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 heat generators like electric ovens or gas burners while the air conditioner is in operation.
	Fan Mode is selected.	• During Fan Mode, air blows from the air conditioner without cooling or heating the indoor air. • Switch the operation mode to cooling operation.
	Outside temperature is too high.	• The cooling effect may not be sufficient.
The fan speed cannot be adjusted.	The Jet Mode, or Auto Operation Mode is selected.	• In some operation modes, you cannot adjust the fan speed. Select an operation mode in which you can adjust the fan speed.
The temperature cannot be adjusted.	The Fan Mode or Jet Mode is selected.	• In some operation modes, you cannot adjust the temperature. Select an operation mode in which you can adjust the temperature.
The air conditioner stops during operation.	The air conditioner is suddenly turned off.	• The Timer Function may have timed out, which turns the unit off. Check the timer settings.
	A power failure has occurred during operation.	• Wait for the power to come back. If you have the Auto Restart function enabled, your unit will resume its last operation several minutes after power is restored.
The indoor unit is still operating even when power has been turned off.	The Auto Clean function is being operated.	• Allow the Auto Clean function to continue since it removes any remaining moisture inside the indoor unit. If you do not want this feature, you can turn the unit off.

Problem	Possible Causes	Corrective Action
The air outlet on the indoor unit is discharging mist.	The cooled air from the air conditioner makes mist.	• When the room temperature decreases, this phenomenon will disappear
Water leaks from the outdoor unit.	In the heating operations, condensed water drops from the heat exchanger.	• This symptom requires installing a drain hose under the base pan. Contact the installer.
There is noise or vibration.	A clicking sound can be heard when the unit starts or stops due to movement of the reversing valve. Creaking sound: The plastic parts of the indoor unit creak when they shrink or expand due to sudden temperature changes. Flowing or Blowing sound: This is the flow of refrigerant through the air conditioner.	• These are normal symptoms. The noise will stop.
The indoor unit gives off an odor.	Odors (such as cigarette smoke) may be absorbed into the indoor unit and discharged with airflow.	• If the smell does not disappear, you need to wash the filter. If this does not work, contact the service center to clean your heat exchanger.
The air conditioner does not emit warm air.	When Heating Mode starts, the vane is almost closed, and no air comes out, even though the outdoor unit is operating.	• This symptom is normal. Please wait until the unit has generated enough warm air to blow through the indoor unit.
	The outdoor unit is in Defrosting Mode.	• In Heating Mode, ice/frost is built up on the coils when the outside temperature falls. This function removes a layer of frost on the coil, and it should finish in approximately 15 minutes.
	Outside temperature is too low.	• The heating effect may not be sufficient.

NOTE

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

Memo