

OWNER'S MANUAL AIR CONDITIONER

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

TYPE : FLOOR STANDING

MODEL : SM282CE NE1 / SM282CE UE1



P/NO : MFL42132810

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.
- Do not turn on/off the air conditioner frequently. For inverter product, the air conditioner reduces the operating frequency to run super energy saver mode, as it gets closer to the set temperature. Therefore turning the product on/off can lead to higher electricity bill.
- Using the fan together with the air conditioner can keep the space cool as setting the air conditioner to high speed and also save on the electricity bill.
- Install the product where there is no heating device or obstacle that interferes with the product.
- If the product is not used for a long period of time, unplug the power. This can save unnecessary electricity and improve safety against natural disaster such as lightning strike and flooding by blocking the electricity that flows to the outdoor unit.

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

NOTE

This is the symbol to get the user's attention to be cautious in details and operations that can be dangerous.

WARNING

- Installation or repairs made by unqualified persons can result in hazards to you and others.
- Installation **MUST** conform with local building codes or, in the absence of local codes, with the Nation Electrical Code NFPA 70/ANSI C1-1003 or current edition and Canadian Electrical Code Part1 CSA C.22.1.
- The information contained in the manual is intended for use by a qualified service technician familiar with safety procedures and equipped with the proper tools and test instruments.
- Failure to carefully read and follow all instructions in this manual can result in equipment malfunction, property damage, personal injury and/or death.

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.
- 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.
- Do not install the air conditioner on an unstable surface or where there may be a danger of it falling. It may result in death, serious injury, or product failure.

Operation

- Do not let the air conditioner run for a long time when the humidity is very high or when a door or window has been left open. Failure to do so may result in product failure.
- Make sure that the power cord is not pulled or damaged while the air conditioner is operating. Failure to do so may result in fire, electric shock, or product failure.
- Do not place any objects on the power cord. It may result in electric shock or product failure.
- Do not turn on or off the air conditioner by plugging in or unplugging the power plug. It may result in fire or electric shock.
- Do not touch, operate or repair the air conditioner with wet hands. It may result in electric shock or product failure.
- Do not place a heater or other heating appliances near the power cable. It may result in fire, electric shock, or product failure.
- Do not allow water to run into the air conditioner. It may result in explosion or fire.
- Do not leave flammable substances such as gasoline, benzene and thinner near the air conditioner. It may result in explosion or fire.
- Do not use the air conditioner for an extended period of time in a small place without ventilation. Ventilate the place regularly. Failure to do so may result in explosion or fire.
- When there is a gas leak, ventilate sufficiently before using the air conditioner again. Failure to do so may result in explosion or fire.
- Unplug the power plug if there is a noise, smell or smoke coming from the air conditioner. Failure to do so may result in explosion or fire.
- Stop operating and close the window in storm or hurricane. If possible remove the product from the window before hurricane arrives
- 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 or are serviced 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.
- Use only the wires exclusively for the air conditioner. It can cause fire and electric shock.
- Do not disassemble the control cover arbitrarily on the outdoor unit. It can cause electric shock and error
- When cleaning, be careful because the surface of the heat exchanger can be sharp. It can cause an injury.
- Do not let children stand on top of the outdoor unit. Children can get hurt when they fall from the unit.
- Do not leave or use the pressure container. (Do not use hair spray next to the air conditioner.) It can cause explosion or error.
- Do not use combustible device where the wind from the air conditioner can be reached. It can cause a fire.
- Do not put your hand in when the popup window is operating. It can cause an 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 leave any object (Remote controller) on top of the product. It can cause product error and accident.
- Do not close the popup window of the product by force. It can cause product error.
- Do not push the product or hang on top of the product. It can cause product damage and injury.
- If there is a power outage, unplug the power or pull down the main power switch.
- Do not open the product's door for operating, as the fan is operating. It can cause product damage and injury.

- Do not touch the connecting pipe, as it can be hot. It can cause an injury.
- When removing the battery used in the remote controller, do not let children accidentally put the battery in their mouth. If the children eat the battery, immediately consult a doctor.
- If the heat exchanger is contaminated, cooling capacity can be reduced and it can cause an error. Therefore remove any particles and dust after using the product for a long period of time.
- With the left/right discharge outlet open, be careful of the corner part of the bottom right corner of the discharge outlet. It can cause an injury.

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Thank you for using the LG air conditioner.

To use the product conveniently and safely for a long period of time, please read the manual.

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FEATURES OF THE MODEL

Real 4D wind

Real 4D wind is realized by adding the Magic Light wind to the existing 3D wind to provide a stronger coolness.

Super energy saving inverter

Super energy saving inverter is the next generation cooling system with energy saving effect by adjusting the cooling capacity based on the indoor, outdoor and set temperature.

Dual cooling turbo fan

By applying two improved fans compared to the existing fan, dual cooling turbo fan provides a stronger and cooler wind.

Motion-eye sensor

State of the art human sensor detects the person indoors and sends wind customized to the activity and number of persons.

Magic light

Magic lighting with jewelry shine on dim lighting makes the Interior of the house more beautiful.

Forest wind

This provides the most pleasant and comfortable wind by simulating the forest wind.

Long-power windblast

Long-power windblast provides a cool air to all the distant locations within the house such as kitchen etc.

Speed quick cooling

Use this to enjoy quick cooling after returning from outdoors.

High efficiency heat exchanger

Heat exchanger with antibacterial coating helps to keep the air conditioner clean and reduce the electricity bill by improving the energy saving performance.

Air purifying filter

TVF filter (Total anti-Virus Filter), charcoal deodorizer filter and 3M HEPA filter removes any fine dust particle and odor, and decomposes/removes various types of viruses to keep the air inside the house clean.

Auto clean operation

This prevents the growth of fungus and germs inside the air conditioner by drying inside of the air conditioner.

Dehumidification

By quickly removing the indoor humidity when the humidity level is high, this changes the damp indoor during the rain season to a pleasant indoors.

Smart sleep

As the state of the art sleep function to adjust the cooling in detail to fit the human sleep cycle, the smart sleep function helps the user sleep deeper and more conveniently.

Eco monitoring

This shows the power saving status of the air conditioner to identify the energy saving and environment friendly operating condition.

Smart energy saving

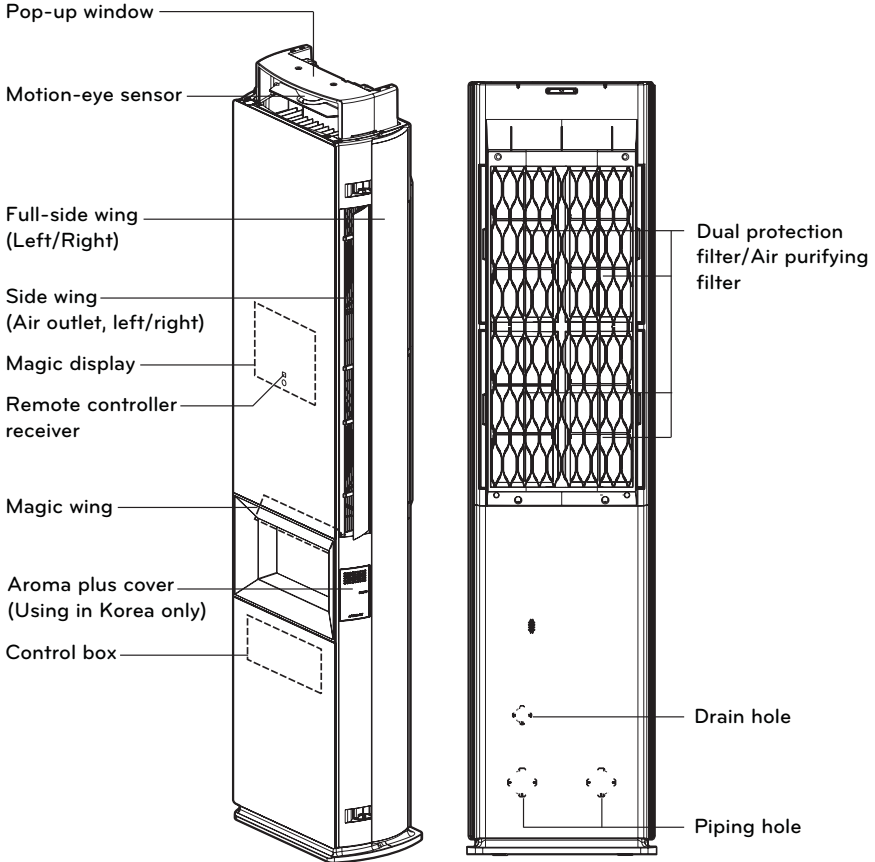
This reduces the electricity bill by providing automatic pleasant cooling to fit the indoor environment and bio-rhythm.

* Supported function may vary by the model.

BEFORE USE

Components

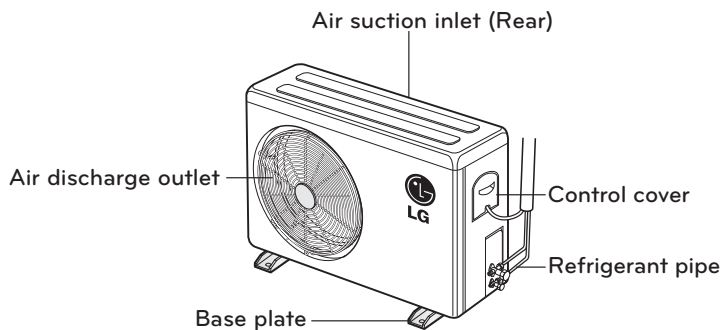
Indoor unit



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

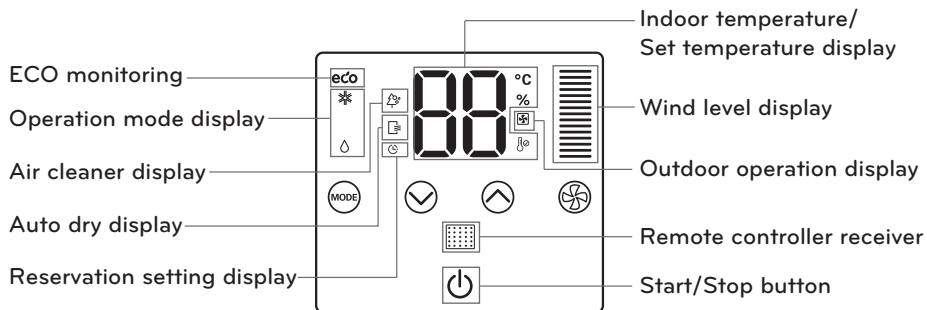
* Exterior of the indoor unit can vary by model

Outdoor unit



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

Magic display




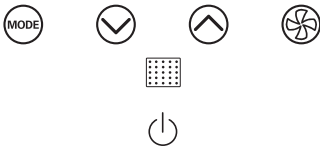
* All display areas are turned on.

* Areas shown the display may vary by function and model.

How to use the button

Soft touch button

- Soft touch button is designed to operate to the human contact by applying the capacitive switching method.
- When using the soft touch button, lightly touch the button display with your finger.
- Do not press the soft touch button with excessive force. It can cause an error.
- After pressing , soft touch button and display to operate the product will be shown.
- When using the soft button, make sure to press the location of the button of the function to run so that it does not cause any malfunction.



CAUTION

If there is any particle on the button or if the button is pressed with a cloth or glove, the button may not operate.

Short key using the soft touch button


- * Press the two buttons for more than 3 seconds to use the short key.
- Press the two buttons for more than 3 seconds to set the function and repeat again to cancel the function.
- The remote controller will operate normally even when the button lock function is set.
- The remote controller will operate normally even when the magic display is turned off.

Set/Cancel child lock

Button can be locked so that the children do not operate the product arbitrarily.

Set/Cancel magic display

Use this to turn on/off the magic display.

To use the soft touch button when the display is turned off, press  once.

Auto clean operation

This function dries inside the air conditioner to restrict the growth of fungus, bacteria etc.



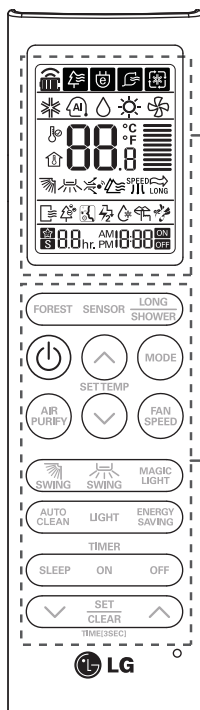
CAUTION

Short key can only be used when the product is operating.
When the product is stopped, all soft touch buttons, excluding the power button, do not operate.

Using the remote control

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

Wireless remote control



Control panel	Display screen	Description
FOREST SENSOR LONG SHOWER		Forest wind button : When setting forest wind operation.
		Motion-eye sensor button : When selecting direct, indirect or general mode.
		Long-power windblast/Speed quick cooling button : When sending cool wind far and for quick and strong cooling.
	-	On/Off button: Turns the power on/off.
		Temperature adjustment buttons: Adjusts the room temperature when cooling.
		Air cleaner button: Purifies the air by removing particles that enter the indoor unit.
		Operation Select mode button : When selecting cooling or dehumidifier.
		Indoor fan speed button: Adjusts the fan speed.
SWING SWING MAGIC LIGHT		Air flow direction button: Adjusts the air flow direction vertically or horizontally.
	-	Magic light button : When turning on/off magic lighting.
AUTO CLEAN LIGHT ENERGY SAVING		Auto clean operation button : When setting auto clean operation function.
	-	Brightness button : When turning on/off display screen.
SLEEP ON OFF		Smart energy saving button : When saving electricity bill while keeping pleasant environment.
		Smart sleep button : When setting sleep reservation.
SET CLEAR		On/Off reservation button : When setting On/Off reservation.
		Set time (Up/Down) button : When setting reservation time.
SET CLEAR		Set/Clear button : When setting/clearing On/Off reservation.
		Reset button : Reset the air conditioner settings.

* All display areas are turned on.

* When using the remote controller, point the transmitter of the remote controller toward the remote controller receiver on the air conditioner.

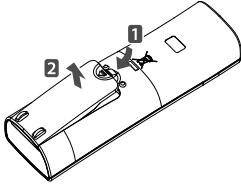
* If you lose your remote controller, please contact the nearest service center.

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

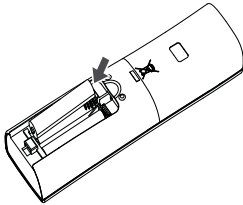
Inserting batteries

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

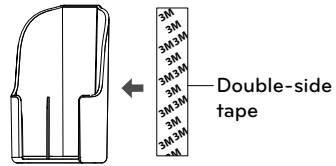
If the display screen of the remote control starts to fade, replace the batteries.

Installing the remote control holder

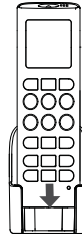
Install the holder where there is no direct sunlight to protect the remote control.

1 Choose a safe and easily-accessible place.

2 Fix the holder by double-side tape.



3 Slide the remote control into the holder.



CAUTION

- Press only button at a time. (Pressing multiple buttons simultaneously will not work.)
- Do not step on or apply strong impact to the remote controller.
- Do not use the remote controller in wet or humid locations.
- Do not use the remote controller near heater or in hot location.
- The remote controller may not receive the signal in locations with strong light such as 3 wave florescent light or neon sign. In cases like these, use the remote controller in front of the remote controller receiver of the indoor unit.
- If the remote controller is not used for a long period of time, the liquid in the battery can leak to cause an error. Therefore take out all batteries from the remote controller to store the remote controller.
- When replacing the battery, always replace both batteries with new ones and if the remote controller does not work even after replacing the batteries, request for service.
- Do not disassemble or recharge used batteries, and do not dispose the batteries in the furnace or hot location. It can cause an explosion.

BASIC FUNCTIONS

Cooling your room

(Cooling operation)

- Press to turn on the power.
 - Real 4D wind (Side wing, pop-up window and magic wing) cools down indoors without any blind spots.
 - is displayed on the magic display and then is displayed.
- Press repeatedly to select the cooling operation.
 - is displayed on the display screen.



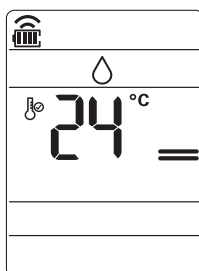
- Press or to set the desired temperature.
 - The temperature range is 18°C(64°F) - 30°C(86°F).
 - Set the temperature below the indoor temperature.
 - Every time the button is pressed, the temperature increases/decrease by 1.0°C
 - It is recommended to keep the difference between the indoor and outdoor temperature to 5°C.
- Press again to cancel the operation.

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.

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



Reference

- Every time is pressed during the operation, it rotates in the order of → operation.
- During the dehumidifier operation, the set temperature is automatically reset after a certain period of time.

Adjusting the fan speed





- Press repeatedly to adjust the fan speed.

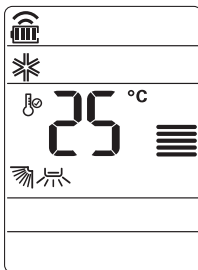
Remark	Speed
	Power
	High
	Mid
	Low

Reference



- Wind level can be selected during cooling, air cleaner, dehumidifier and smart energy saving operation.
- Every time the wind level is pressed, it rotates in the order of Low → Mid → High → Power. (But when operating only in air cleaner mode, it rotates in the order of Low → Mid → High.)
- The wind level for the cool, dehumidifier and air cleaner only operation, is automatically set to the previous wind level.
- When the smart sleep mode is selected, the wind level is automatically set to the lowest level, and the display and the remote controller may differ.

Adjusting the air flow direction

- To adjust the direction of the air flow vertically, press  repeatedly.
 - Select  to adjust the direction of the air flow automatically.
- To adjust the direction of the air flow horizontally, press  repeatedly.
 - Select  to adjust the direction of the air flow automatically.
- This function cannot be selected during air cleaner, forest wind, motion-eye sensor, long-power windblast/speed quick cooling, smart energy saving operation.




! NOTE

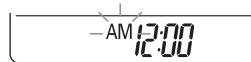
- Adjusting the air deflector arbitrarily may cause product failure.
- If you restart the air conditioner, it starts to operate with the previously set direction of air flow, so the air deflector may not match the icon displayed on the remote control. When this occurs, press  or  to adjust the direction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

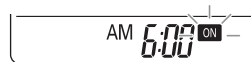
- Press  and hold it for longer than 3 seconds.
 - The AM/PM icon flickers at the bottom of the display screen.







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

Turning on the air conditioner automatically at a set time

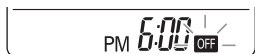
- Press .
 - The icon below flickers at the bottom of the display screen.



- Press  or  to select the minutes.
- Press  to finish.
- When setting the timer, current time and  are displayed on the display screen indicating that the desired time is set.

Turning off the air conditioner automatically at a set time

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



- Press **▽** or **△** to select the minutes.
- Press **SET CLEAR** to finish.
- When setting the timer, current time and **OFF** are displayed on the display screen indicating that the desired time is set.

Canceling the timer setting

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

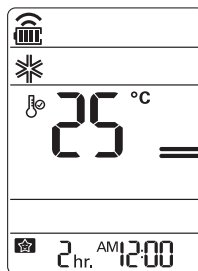
Reference

- ON/OFF reservation can always be entered irrelevant from Start/Stop condition of the air conditioner.
- Press **SET CLEAR** in reserved condition to cancel all reservations.

Setting sleep mode

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

- Press **⏻** to turn on the power.
- Press **SLEEP**.
- Press **▽** or **△** to select the hour (up to 7 hours).
- Press **SET CLEAR** to finish.
- **☆** is displayed on the display screen in sleep mode.



- Wind level is set to the lowest level. (Wind level may be different from the wind level displayed on the remote controller.)
- After the reservation time, the air conditioner is automatically turned off.

Reference

- Reserve the time to sleep. (Excessive cooling is not harmful for your health.)
- If the smart sleep operation is set, all magic display excluding the reservation setting display is turned off.

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.

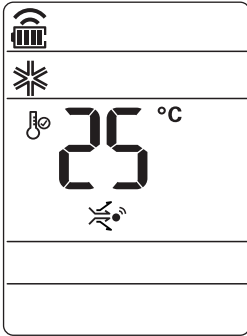
ADVANCED FUNCTIONS


The air conditioner offers some additional advanced functions.

Motion-eye sensor

State of the art human body sensor detects the people indoors and sends cool air to fit the activity and number of people inside the room.


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



- Every time  is pressed, it rotates in the order of Direct wind → Indirect wind → General operation.
- Human detection sensor detects the IR ray from the human body and identifies the location and movement of the human body.
- Air conditioner automatically adjusts the wind level and direction based on the human activity and number of people.
- Air conditioner sends the customized wind to the people through side and pop-up window and magic wing.

Direct wind

- Human sensor detects the activity and number of people and sends cool air in the direction of the people.


- 1 Press  to set the direct wind during cool operation.

* Energy saving effect of direct wind

- Motion-eye sensor automatically controls the wind level and direction as well as cooling temperature based on the location and activity of the user, and can save up to 50% of energy compared to the common air conditioner.

Indirect wind

- Human sensor detects the activity and number of people and sends cool air near the person so that it does not contact the body directly.





- 1 Press  to set the direct wind during cool operation.

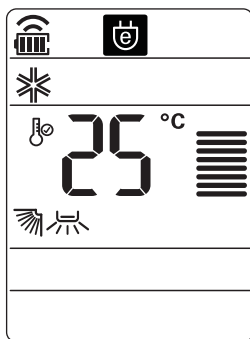
Reference

- This function can only be set in the cool operation mode.
- This function does not operate in the dehumidifier operation, smart sleep, smart energy saving and air cleaner operation only.
- Sensitivity of the human body can vary by the indoor environment.
- Depending on the installation or used environment, heat emitting object such as monitor can be recognized as human.
- Up/Down wind of pop-up window is automatically adjusted based on the distance.
- Wind direction is automatically adjusted if there are more than 2 people in each area.
- For the wind level, power wind is set as default for the motion-eye sensor operation.

Energy saving cooling mode

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

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







- Save on electricity with pleasant cooling to fit the bio-rhythm.
- Wind level and temperature can be adjusted.

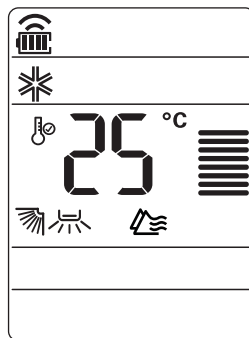
Reference


- If the set temperature is 22°C or lower before this mode, the set temperature is automatically reset to 22°C. If you want to lower the set temperature below 22°C, you can set it manually.
- Because this mode operates automatically based on the indoor environment, it may be different from the remote controller setting.
- Actual operating condition is the detail displayed on the magic display.
- This mode does not operate in air cleaner only and dehumidifier operation.

Forest wind

This is the function of simulating the pleasant wind from the forest.

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







- Wind direction and level are automatically adjusted to provide the forest wind that changes constantly in various ways, within your home.
- Every time  is pressed, it toggles between Forest wind and general operation.

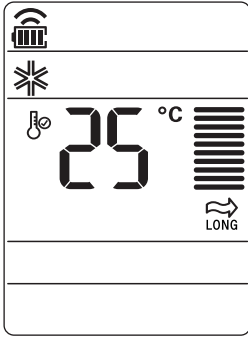
Reference


- This function can only be used during the cool operation.
- This function does not operate in dehumidifier and air cleaner only operation.
- The wind level displayed on the remote controller automatically changes during this function.

Long-power windblast

Cool air reaches far away locations within the house.

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







- When long-power windblast is set, the opening angle of the side wing becomes narrow to send the wind far away.
- Cool air reaches far locations within the house.
- Every time  is pressed, it rotates in the order of Long-power windblast → Speed quick cooling → General operation.

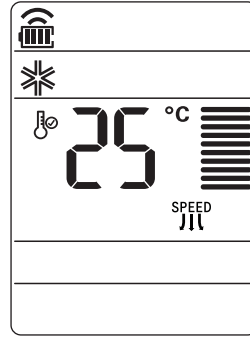
Reference


- Wind level is automatically set to power wind.
- This function does not operate in dehumidifier and air cleaner only operation.

Speed quick cooling

This provides quick cooling effect like a cold shower during the hot summer season.

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





- It is good to use this function if you want to quickly cool the house after returning home from hot weather outside.
- Every time  is pressed, it rotates in the order of Long-power windblast → Speed quick cooling → General operation.

Reference

- The wind of the pop-up window faces downward and the left/right wind is fixed to the front side.
- Wind level is automatically set to power wind.
- This function only can be used in the cool operation and does not operate in dehumidifier and air cleaner only operation.



Brightness adjustment

You can turn on/off the light of the magic display.

- Press  on the remote controller to turn on/off the light of the magic display.
- Every time  is pressed, it toggles between off and on.

Child lock

The button can be locked so that children cannot operate the air conditioner arbitrarily.

- Use the soft touch button to set/cancel the child lock.
- Press  and  on the air conditioner simultaneously for more than 3 seconds when the product is operating. The child lock will be set/cancel with the "Ring".

Reference


- When the remote controller or button is operating when the brightness adjustment function is set, the display is turned on and then off.
- When setting the ON/OFF and smart sleep reservation, the brightness button is used as the time adjustment button.
- The remote controller works normally even when the child lock is set.
- Operation setting display area is displayed to show the operating condition.

Magic light

The ambiance of the house will be enhanced with the magic lighting mode to notify the change in operating condition through dim light and shining of jewelry.

- When using the cooling/dehumidifier/air cleaner/forest wind function, lighting of various colors show the operating condition and then are turned off.
- Cool/Dehumidifier operation : Blue lighting
- Air cleaning operation : Aquamarine lighting
- Forest wind : Lime green lighting
- Operation end : White lighting is turned on and then off.





Magic lighting mode

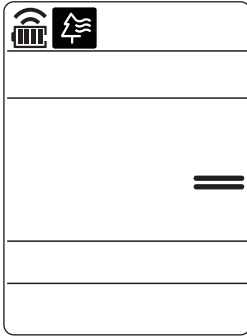
Press  to run the magic lighting mode.

- Select the magic lighting mode to maintain violet lighting.
- If the operating condition changes during the magic lighting mode, the lighting according to the operating condition is turned on and then returns to the magic lighting mode.
- If the power is turned off in the magic lighting mode, the magic lighting mode is canceled.
- Magic lighting mode can be set irrelevant from whether the power is on or off.

Smart air cleaner


This cleans the indoor air to make the environment clean and pleasant.


- 1 Press .
- 2 To cancel the operation, press  one more time. (You can also press  to cancel the operation.)
 -  is displayed on the display screen.



- The wind level can be adjusted in the order of Low → Mid → High wind.

※ When air cleaner only operation is set

* Press  when the air conditioner is stopped.

* Press  during the air cleaner operation to use with cool and dehumidifier operation.

Reference

- The air cleaner capacity of the air conditioner may not be the same as the cool operation performance.
- During spring, fall and winter, only running the air cleaner operation can maintain a pleasant indoor air.
- During air cleaner only operation, the up/down wind and left/right wind function do not work.

MAINTENANCE

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

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



CAUTION

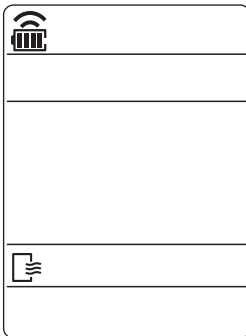
- Turn off the power and unplug the power cord before you perform any maintenance; otherwise it may cause electric shock.
- Never use water that is hotter than 40°C when you clean the filters. It may cause deformation or discoloration.
- Never use volatile substances when you clean the filters. They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


Auto clean operation

This function restricts the growth of fungus and germs living within the air conditioner by drying the inside of the air conditioner.

* Auto clean operation is canceled when the product is purchased.

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



- Every time  is pressed, it toggles between Auto clean operation and Cancel.

Reference

- Auto clean operation runs the fan in the air conditioner for a certain number of hours after the operation stops so that the humidity inside the indoor unit is removed and prevents the growth of fungus.

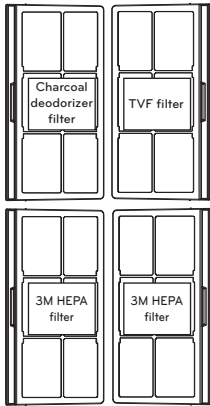
Air purifying filter

TVF filter, charcoal deodorizer filter and 3M HEPA filter blocks the virus, bacteria, odor and dust.

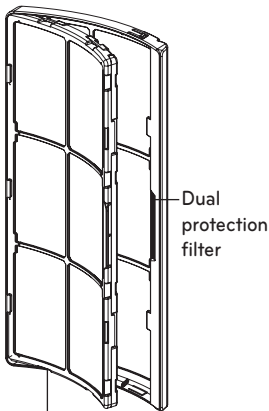
- 1 TVF filter (Total anti-Virus Filter)
 - Replacement cycle: 6 months (Cannot be washed)
 - Various types of viruses are quickly decomposed using the lactobacillus extracted from Kimchi, Korean traditional food.
- 2 Charcoal deodorizer filter.
 - Replacement cycle: 6 months (Cannot be washed)
 - Indoor odor can effectively be removed by applying the neutral catalytic active charcoal.
- 3 3M HEPA filter
 - Replacement cycle: 6 months (Cannot be washed)
 - Find dust particles can be removed up to 99.97% by applying the high efficiency HEPA filter from 3M.
- 4 Dual protection filter
 - Replacement cycle: Semi-permanent (Can be washed)
 - By applying the microfiber dual protection filter, it not only filters the large dust but also fine dust particles.

Reference

- If you want to replace the filter, you can purchase the filter at your nearest service center.
- Replacement cycle of the filter may vary by the use environment.
- Above replacement cycle is based on 4 hours of use per day.



<Rear view from product>



Functional filter
(TVF, charcoal deodorizer
and 3M HEPA)

* The application of the filter may vary by model.

Filter replacement

Air purifying filter replacement

- 1 Hold the handle of the filter case to replace on the rear side of the product after stopping the operation of the product and lightly pull out the filter case.
- 2 Pull forward the handle of the filter on the inner side of the filter case to pull it out, and then replace the filter.

When replacing the filter, be careful not to insert the filter incorrectly. (Insert the filter in the opposite direction of the arrow of the filter handle and filter case handle.)

- 3 After replacing the filter, insert the filter case in its original location of the product.

! CAUTION

- Running the filter without the filter can reduce the performance of the filter and cause an error in the product.
- Never disassemble the product and avoid any damage or deformation. The product may not operate properly or malfunction.
- When replacing the filter, be careful not to drop it below the product. For safety reasons, unplug the power plug after the turning the product off and then clean the product.

Filter cleaning

Dual protection filter cleaning

- 1 Pull the handle part of the filter case on the rear side of the product to pull out the filter.
- 2 Pull forward the filter handle on the inner side of the filter case to take out the filter.
- 3 Soak the dual protection filter in water with neutral detergent for 1-2 hours and then sufficiently rinse with clean water.

- When drying the filter, avoid direct sunlight and leave in the shades.

- TVF filter, charcoal deodorizer and 3M HEPA filter cannot be washed.

Refer to the filter life and replace accordingly.

- 4 After inserting the filter in the filter case, place it in its original location on the product.



**CAUTION**

- When cleaning the dual protection filter, separate the filter first before cleaning.
- For safety reasons, unplug the power plug after turning off the product and then clean the product.

**NOTE**

The service center will clean the filter at cost based on the request.

How to store the product

- 1 Press  to start the air cleaner operation. Running the air cleaner mode for more than 1 hour on a clear day can remove all humidity and fungus within the product.
- 2 Press  to stop the operation.
- 3 Pull down the main power switch.
- 4 Clean the indoor and outdoor unit cleanly. To prevent scratching on the product, use a soft cloth to clean the product.

Reference

- This product does not have any covers for the indoor and outdoor units.
 - Indoor unit : Door and full side wing acts as the cover.
 - Outdoor unit : By using special anti-corrosive material with high durability, the unit will not have any issues without the cover. It removed the cause of defect in compressor from using the unit with the cover on.

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.

Symptom	check	Action
The product does not operate at all.	Is the main power switch pulled down?	Pull up the main power switch.
	Is there a power outage?	Check other electric appliances. (If the power can be turned on, try operating the product again.)
It is not cooler than normal.	Is the set temperature higher than the indoor temperature?	Set the temperature lower than the indoor temperature.
	Is the unit operating in dehumidifier or air cleaner only operation?	Select the cool operation.
	Is the cool air going outdoors?	Close all open windows and fill up the gaps.
	Is the sunlight coming directly indoors?	Block the sunlight with curtain etc.
	Is there a heater indoors?	Do not use with the product that emits heat.
	Isn't the distance between the indoor and outdoor unit too far?	If the length of the pipe is longer than 10m, the cooling capacity can be reduced gradually.
	Is there any obstacle in front of the outdoor unit?	Remove any obstacles so that the heat can be exchanged smoothly in the outdoor unit.
	Is the cooling capacity of the product less than the size of the room?	Check if the capacity of the product is appropriate for the use.
	Are there too many people indoors?	If there are too many people in the room, the cooling effect can be diminished

Symptom	check	Action
The remote controller does not work.	Are the batteries drained?	Replace with new batteries.
	Isn't the receiver of the remote controller covered?	Remove the blocking object.
	Is it close to a strong light source?	The remote controller may not work properly in locations with strong light such as 3 wave fluorescent light or neon sign etc.
Cool air does not come out continuously.	Is the surrounding temperature of the outdoor unit too high?	If the surrounding temperature of the outdoor unit is too high, the product may stop operating to protect the product.
	Is the product operated immediately after it is stopped?	Compressor protector of the outdoor unit operated. Cool air comes out in about 3 minutes.
	Is the set temperature higher than the indoor temperature?	Set the temperature lower than the indoor temperature.
Reservation operation does not work.	Is the reservation done correctly?	Refer to the manual and set the reservation again.
Pressing Start/Stop on the remote controller switches to cool operation during air cleaner operation.	Did you press the Start/Stop button on the remote controller when the remote controller display is turned off?	Press the Start/Stop button on the remote controller once again to stop the product.
Dew drops are formed.	Is the indoors humid as in the rainy season?	Dew drops forming from humidity is a natural phenomenon. (Wipe with dry towel.)
Water overflows in the indoor unit.	Is the hose being pressed by any heavy object?	Remove the object pressing the hose.
	Is the end of the drain hose installed higher than the connector of the water tray or is the hose twisted?	Install the drain hose lower than the water tray so that the water can be drained well.
White fog comes out.	Is the product installed in a restaurant or location where oil is used frequently or humid?	Steam can sometimes come out through the air discharge outlet. In locations where oil is used frequently, periodically clean the heat exchanger.

Symptom	check	Action
It is loud when sleeping.	Is the wind level set to "High"?	Select sleep operation.
There is an odor and eyes hurt.	Is there a spicy odor from the restaurant?	Operate the indoor ventilator or ventilate the room.
	Do the eyes hurt from the smell of the new interior or furniture after moving to a new house?	Operate the indoor ventilator or ventilate the room.
	Is it used in the beauty salon or furniture shop?	Remove internal odor by ventilating or cleaning the room.
	Is there any fungus odor?	If the water in the air conditioner is not drained properly, it can cause an odor. Therefore check the drain hose.
Suddenly the air conditioner stops working.	Is the power cord connected or is the main power switch pulled up?	Immediately after the power is connected to the product, it will run the initialization operation.
There is a weird noise in the air conditioner.	Is the power cord connected or is the main power switch pulled up?	Immediately after the power is connected to the product, it will run the initialization operation.
	There is a weird noise in the air conditioner.	If the left/right and up/down wind is set, it runs the initialization operation once every 10 operations. The initialization operation can cause noise.
The product does not stop even after the operation stops.	Is the auto clean operation set?	When the auto clean operation is set, the fan runs for about 3 minutes after the operation stops to remove the humidity inside the product.
The product buttons do not work.	Is the child lock (Button lock) function set?	Press the wind level adjustment button and temperature control 'Up' button simultaneously for more than 3 seconds to cancel the child lock function.
Display on the product does not work.	Is the brightness adjustment function set?	Press the brightness button on the remote controller to cancel brightness adjustment function.

Spec sheet

MODEL	VOLTAGE	COOLING		HEATING	
		INPUT	CURRENT	INPUT	CURRENT
SM282CE NE1	220V~	2200W	10.8A	-	-
SM282CE UE1	220V~	2200W	10.8A	-	-



LG ELECTRONICS MEXICO,S.A. DE C.V.
Sor Juana Inés de la Cruz No. 555
Col. San Lorenzo Industrial
Tlalnepantla de Baz, Estado de México C.P. 54033
Teléfono : (55)5321-1919
Sin Costo : 01800-3471919
Pagina Web:<http://www.lg.com.mx/>

