

LG

LG Room Air Conditioner OWNER'S MANUAL

MODELS: AS - W096_Series
W126_Series
C09AW_Series
C12AW_Series
C18AW_Series
C24AW_Series

Prior to installation, this airconditioning unit must be submitted for approval by the utility service which provides electricity (EN 61000-3 Norm).

IMPORTANT

- Please read this owner's manual carefully and thoroughly before installing and operating your room air conditioner.
- Please retain this owner's manual for future reference after reading it thoroughly.



Safety Precautions

To prevent the injury of the user or other people and property damage, the following instructions must be followed.

■ Incorrect operation due to ignoring instruction will cause harm or damage. The seriousness is classified by the following indications.

AWARNING This symbol indicates the possibility of death or serious injury.

A CAUTION

This symbol indicates the possibility of injury or damage to properties only.

■ The meanings of the symbols used in this manual are as shown below.

	Be sure not to do.
•	Be sure to follow the instruction.



■ Installation

Always perform grounding.

 Otherwise, it may cause electrical shock.

Securely attach the electrical part cover to the indoor unit and the service panel to the outdoor unit.

• If the electrical part cover of the indoor unit and the service panel of the outdoor unit are not attached securely, it could result in a fire or electric shock due to dust, water, etc.

Ensure that an installation frame of the outdoor unit is not damaged due to use for a long time.

• It may cause injury or an accident.

Use caution when unpacking and installing.

· Sharp edges may cause injury.

Don't use a power cord, a plug or a loose socket which is damaged.

 Otherwise, it may cause a fire or electrical shock.

Always install an air leakage breaker and a dedicated switching board.

· No installation may cause a fire and electrical shock.

For installation of the product, always contact the service center or a professional installation agency.

· Otherwise, it may cause a fire, electrical shock, explosion or injury.

Do not keep or use flammable gases or combustibles near the air conditioner.

• Otherwise, it may cause a fire or the failure of product.

Do not disassemble or repair the product randomly.

· It will cause a fire or electrical shock.

Do not install the product at a place that ther is concern of falling down.

· Otherwise, it may result in personal injury.

ACAUTION

■ Installation

Install the drain hose to ensure that drain can be securely done.

• Otherwise, it may cause water leakage.

Always inspect gas leakage after the installation and repair of product.

• Otherwise, it may cause the failure of product.

Install the product so that the noise or hot wind from the outdoor unit may not cause any damage to the neighbors.

• Otherwise, it may cause dispute with the neighbors.

Keep level parallel in installing the product.

• Otherwise, it may cause vibration or water leakage.

■ Operation -

Avoid excessive cooling and perform ventilation sometimes.

• Otherwise, it may do harm to your health.

When gas leaks, open the window for ventilation before operating the unit.

• Otherwise, it may cause explosion, and a fire.

Do not place obstacles around the flow inlet or outlet.

• Otherwise, it may cause the failure of appliance or an accident.

Do not insert the hands or bars through the

• Otherwise, it may cause personal injury.

air inlet or outlet during operation.

Use a soft cloth to clean. Do not use wax, thinner, or a strong detergent.

 The appearance of the air conditioner may deteriorate, change color, or develop surface flaws.

Do not use an appliance for special purposes such as preserving animals vegetables, precision machine, or art articles.

• Otherwise, it may damage your properties.

Always insert the filter securely. Clean it every two weeks.

Operation without the filter will cause failure.

Do not drink water coming out of the air conditioner.

• Otherwise, it may cause stomachache.

Introduction

Symbols used in this Manual



This symbol alerts you to the risk of electric shock.



This symbol alerts you to hazards that may cause harm to the air conditioner.

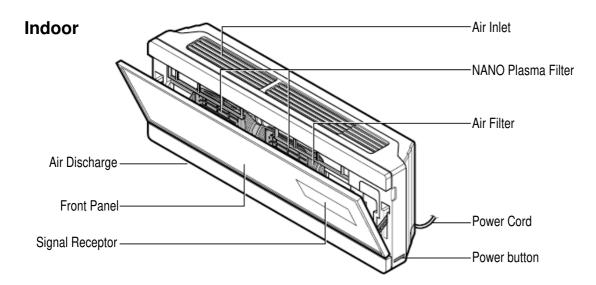
NOTICE

This symbol indicates special notes.

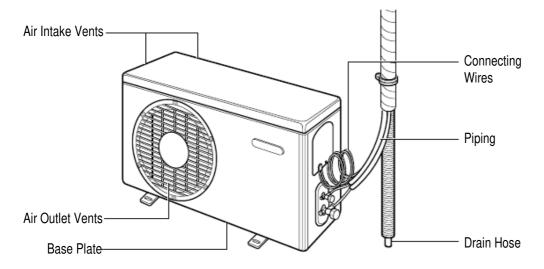
Features



WARNING: This appliance should be installed in accordance with national wiring regulations. This guide acts as a guide to help to explain product features.



Outdoor



Operating Instructions

Remote Controller

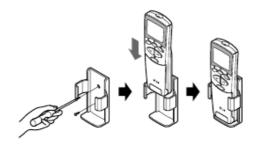
- 1. Remove the battery cover by pulling it according to the arrow direction.
- 2. Insert new batteries making sure that the (+) and (-) of battery are installed correctly.
- 3. Reattach the cover by sliding it back into position.

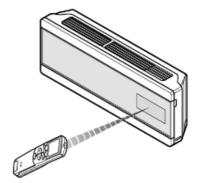
NOTICE Use 2 AAA(1.5volt) batteries. Do not use rechargeable batteries.



Storage and Tips for using the Remote Controller

- The remote controller may be stored by mounting it on a wall.
- To operate the room air conditioner, aim the remote controller at the signal receptor.





Signal Receptor

Receives the signals from the remote control.(Signal receiving sound: two short beeps or one long beep.)

Operation Indication Lamps

On/Off : Lights up during the system operation.

Sleep Mode : Lights up during Sleep Mode Auto operation.

: Lights up during Timer operation. Timer

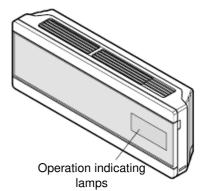
: Lights up during Defrost Mode or Hot Preheat Mode Start operation (Heat pump model only)

88 Display : Indicates the setting temperature.

PLASMA Plasma : Light up during PLASAM purification

operation.(optional)

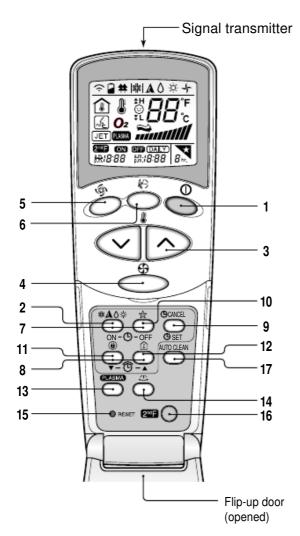
Energy-Saving : Light up during Energy-Saving cooling mode operation. (optional)

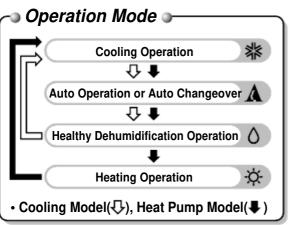


Operation indicator	Cooling heating dehumidifi- cation	A.I operation mode						lot	Faces continu	Test
		Standard	Too hot	Hot	Comfortable	Cold	Too cold	Jet (Cool, Heat)	Energy-saving cooling mode	operation
Shape of display	Setting temp.	A I	-2	- 1		1	2	Po	Eo	Lo

Remote Control Operations

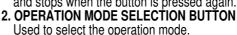
The controls will look like the following.





1. START/STOP BUTTON

Operation starts when this button is pressed and stops when the button is pressed again.

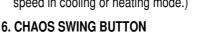


3. ROOM TEMPERATURE SETTING BUTTONS Used to select the room temperature.

4. INDOOR FAN SPEED SELECTOR
Used to select fan speed in four steps low, medium, high and CHAOS.

5. JET COOL / HEAT

Used to start or stop the speed cooling or heating. (Speed cooling or heating operates super high fan speed in cooling or heating mode.)



Used to stop or start louver movement and set the desired up/down airflow direction.

7. ON/OFF TIMER BUTTONS

Used to set the time of starting and stopping operation. (See page 21)

8. TIME SETTING BUTTONS

Used to adjust the time. (See page 21)

9. TIMER SET/CANCEL BUTTON

Used to set the timer when the desired time is obtained and to cancel the Timer operation. (See page 21)

10. SLEEP MODE AUTO BUTTON

Used to set Sleep Mode Auto operation. (See page 21)

11. ENERGY-SAVING COOLING MODE BUTTON (OPTIONAL)

Used to set Energy-Save in cooling mode.



13. PLASMA(OPTIONAL)

Used to start or stop the plasma-purification function. (See page 19)

14. HORIZONTAL AIRFLOW DIRECTION CONTROL BUTTON (NOT ON ALL MODELS)

Used to set the desired horizontal airflow direction. (See page 22)

15. RESET BUTTON

Used prior to resetting time or after replacing batteries.

16. 2nd F BUTTON

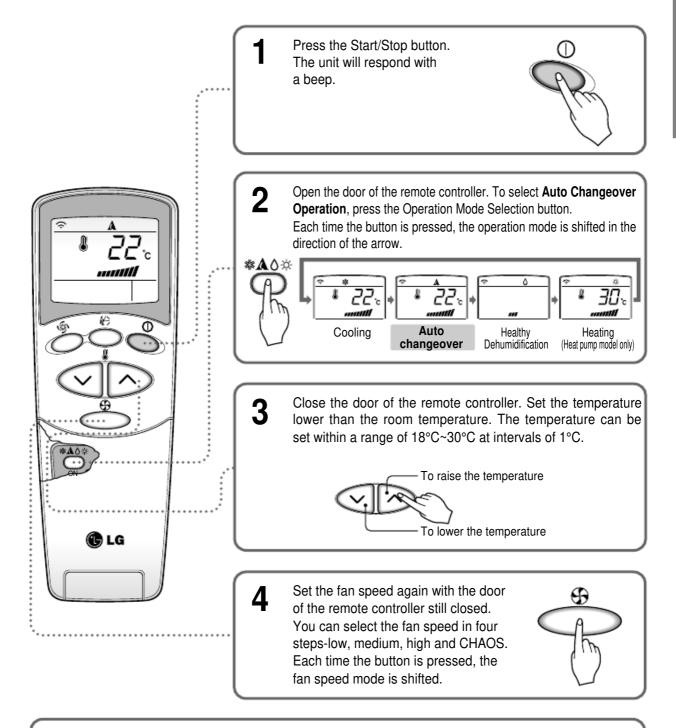
Used prior to using modes printed in blue at the bottom of buttons. (See page 20)

17. AUTO CLEAN(OPTIONAL)

Used to set Auto Clean mode.

◍

Auto changeover operation



During Auto changeover Operation

☐ The air conditioner changes the operation mode automatically to keep indoor temperature. When room temperature vary over ±2°C with respect to setting temperature, air conditioner keeps the room temperature within ±2°C with respect to setting temperature by auto changeover mode.

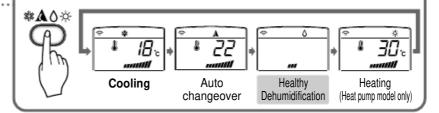
Mealthy dehumidification operation

Press the Start/Stop button. The unit will respond with a beep.



Open the door of the remote controller. To select **Healthy Dehumidification Operation**, press the Operation Mode Selection button.

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



Set the fan speed again with the door of the remote controller still closed. You can select the fan speed in four steps-low, medium, high, or CHAOS. Each time the button is pressed, the fan speed mode is shifted.



Natural wind by the CHAOS logic

☐ For fresher feeling, press the Indoor Fan Speed Selector and set to CHAOS mode. In this mode, the wind blows like a natural breeze by automatically changing fan speed according to the CHAOS logic.

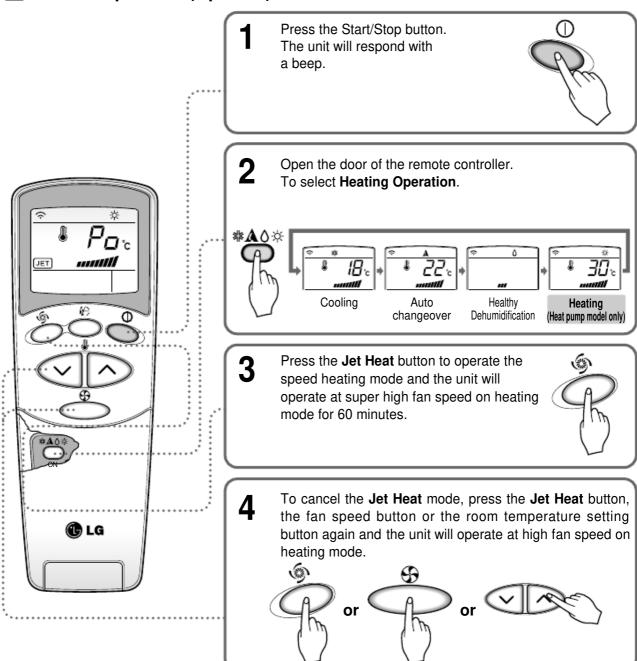
During Healthy Dehumidification Operation

☐ If you select the dehumidification mode on the operation selection button, the A/C starts to run the dehumidification function. It automatically sets the room temp, and airflow volume to the best condition for dehumidification, based on the sensed current room temp.

In this case, however, the setting temp. is not displayed on the remote controller and you are not able to control the room temp. either.

☐ During the healthy dehumidification function, the airflow volume is automatically set according to the optimization algorithm responding to the current room temp. status, so that the room condition is kept healthy and comfortable even in the very humid season.

Jet heat operation (Optional)



NOTICE

- ☐ During the JET HEAT function at any moment, the A/C starts to blow the heat air at extremely high speed for 60 minutes setting the room temp. automatically to 30°C. It is especially used to heat the room temp. quickly in a cool winter.
 - On cooling, healthy dehumidification mode or auto changeover mode, however, the JET HEAT function is not available.
- ☐ In order to return to the normal heating mode from the JET HEAT mode, just press the operation mode selection button, airflow volume selection, temp. setting button or the JET HEAT button again.

PLASMA purification operation(Optional)

Press the Start/Stop button. The unit will respond with a beep.



Open the door of the remote controller. Press the PLASMA button.

> Operation will start when the button is pressed and stop when the button is pressed again.

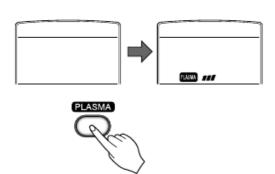


Set the fan speed again with the door of the remote controller closed. You can select the fan speed in four steps-low, medium, high or CHAOS. Each time the button is pressed, the fan speed mode is shifted.

> * Air purifying operation (PLASMA) can be with cooling, Heating or any other operations.



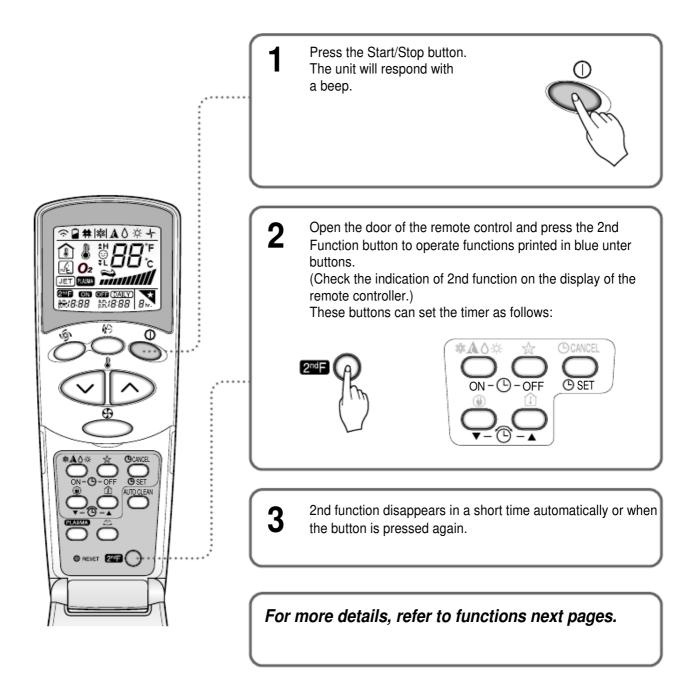
NANO PLASMA Air Purifying Operation only



If you press the only PLASMA button, only PLASMA purification function operates. Then, fan speed is low. You can select the fan speed in four steps-low, medium, high or CHAOS.

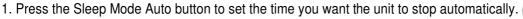
Each time the button () is pressed, the fan speed mode is shifted.

2nd F operation



Additional Features

Sleep mode





- 2. The Timer is programmed in one-hour increments by pressing the Sleep Mode Auto button 1 to 7 times. The sleep mode is available for 1 to 7 times. To alter the time period in steps of 1 hour, press the Sleep Mode Button while aiming at air conditioner.
- 3. Make sure the Sleep Mode Auto LED lights up. To cancel the Sleep Mode, press the sleep Mode Auto button several times until the star (💢) disappears from the operation display.

NOTICE The Sleep Mode will be operated at slow fan speed (cooling) or medium fan speed (heat pump only) for a comfortable sleep.

In sleep mode: Chaos Swing function does not operate.

In cooling mode or healthydehumidification mode:

The temperature will automatically rise by 1°C over the next 30 minutes and by 2°C in 1 hour for a comfortable sleep.

Setting the time

1. Time can be set only when you press the Reset button. Having replacing the batteries, you should press the reset buttons to reset the time. Press the Start/Stop button.



2. Press 2nd F button and check if 2nd F icon is on.



- 3. Press the Time Setting buttons until the desired time is set.
- 4. Press the Timer SET button.



NOTICE Check the indicator for A.M. and P.M.

Delay start/Pre-set stop

- 1. Make sure the time is set correctly on the display of the remote controller.
- 2. Press 2nd F button.



3. Press the ON/OFF Timer buttons to turn Timer on or off.



4. Press the Time Setting buttons until the desired time is set.

5. To set the selected time, press the Timer setting button aiming the remote controller at the signal receptor.



To cancel the timer setting



Check if 2nd F icon is off.

Press the Timer Cancel button aiming the remote controller at the signal receptor.

(The timer lamp on the air conditioner and the display will go out.)

NOTICE Select one of the following four types of operation.

with the unit running









Delay OFF Timer

Delay ON Timer

Delay OFF and ON Timer Delay ON and OFF Timer

Vertical Airflow Direction Control

The up/down airflow (Vertical Airflow) can be adjusted by using the remote control.

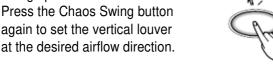
1. Press the Start/Stop button to start the unit.

2. Press Chaos Swing button and the louvers will

swing up and down. Press the Chaos Swing button again to set the vertical louver

NOTICE

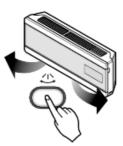
- ☐ If you press the CHAOS swing button, the horizontal airflow direction is changed automatically based on the CHAOS algorithm to distribute the air in the room evenly and at the same time to make the human body feel most comfortable. as if enjoying a natural breeze.
- ☐ Always use the remote control to adjust the up/down airflow direction. Manually moving the vertical airflow direction louver by hand, could damage the air conditioner.
- ☐ When the unit is shut off, the up/down airflow direction louver will close the air outlet vent of the system.



Morizontal Airflow Direction Control (Optional)

The left/right(Horizontal Airflow) can be adjusted by using the remote control. Press the Start/Stop button to start the unit.

Open the door on the remote control. Press the Airflow Direction Start/Stop button and the louvers will swing left and right. Press the Horizontal Airflow Direction Control Button again to set the horizontal louver at the desired airflow direction.





© Energy-Saving Cooling Mode (Optional)

Energy-Saving Cooling Mode Can save energy in Cooling and Healthy Dehumidification Operation, because it can operate efficiently by setting body-adaptation time according to the change of time and temperature and adjusting automatically desired temperature.

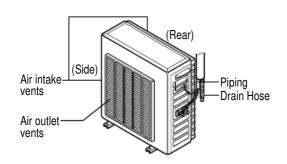


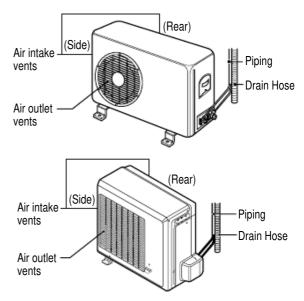
- 1. Press the Start/Stop button to start the unit.
- 2. Open the door on the remote control. Select Cooling Operation or Healthy Dehumidification Operation.
- 3. Press the Energy-Saving Cooling Mode button.
- 4. To cancel the Energy-Saving Cooling Mode, press the Energy-Saving Cooling Model button and unit will operate in previous Mode (Cooling or Healty Dehumidification Mode).

Outdoor Unit

The heat exchanger coils and panel vents of the outdoor unit should be checked regularly. If clogged with dirt or soot, the heat exchanger and panel vents may be professionally steam cleaned.

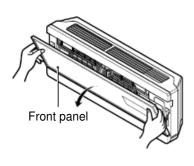
NOTICE Dirty or clogged coils will reduce the operating efficiency of the system and cause higher operating costs.

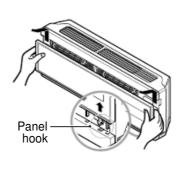


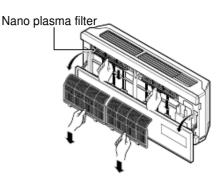


Cleaning Filter

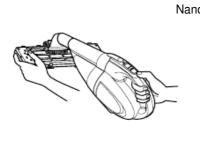
- Recomended use period : About 3 months
- 1. Open the upside of Front panel.
- 2. Put up the front panel. The hook of panel comes off.
- 3. Remove air filter and then pull out the nano plasma filter.

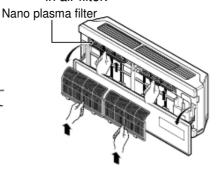






- 4. Clean nano plasma filter with the vacuum cleaner.
- 5. Relocate dried nano plasma filter at the shade and then put in air filter.





When the air conditioner is not going to be used for a long time.

When air conditioner is not going to be used for a long time.

- Operate the air conditioner on mode for 2 to 3 hours.
 - This will dry out the internal mechanisms.
- Turn off the circuit breaker, and disconnect the plug.

CAUTION: Turn off the circuit breaker when the air conditioner is not going to be used for a long time.

Dirt may collect and may cause a fire.

Remove the batteries from the remote

When the air conditioner is to be used again.

Clean the air filter and install it in the indoor

(Refer to page 24 for cleaning filters.)

Check that the air inlet and outlet of the indoor/outdoor unit are not blocked.

Operation Tips

Do not overcool the room.

This is not good for the health and wastes electricity.

Make sure that the doors and windows are shut tight.

Avoid opening doors and windows as much as possible to keep the cool air in the room.

Keep blinds or curtains closed.

Do not let direct sunshine enter the room when the air conditioner is in operation.

Clean the air filter regularly.

Blockages in the air filter reduces the airflow and lowers the cooling and dehumidifying effects. Clean at least once in every two weeks.

Keep the room temperature uniform.

Adjust the vertical and horizontal airflow direction to ensure a uniform temperature in the room.

Ventilate the room occasionally.

Since windows are kept closed, it is a good idea to open them and ventilate the room now and then.

Troubleshooting

Check the following points before requesting repairs or service.... If the fault persists, please contact your dealer or service center.

Case	Explanation	See page
The air conditioner does not operate.	Have you made a mistake in timer operation? Has the fuse blown or has the circuit breaker been tripped?	21 -
The room has a peculiar odor.	Check that this is not a damp smell exuded by the walls, carpet, furniture, or cloth items in the room.	-
It seems that condensation is leaking from the air conditioner.	Condensation occurs when the airflow from the air conditioner cools the warm room air.	-
Air conditioner does not operate for about 3 minutes when restarted.	This is the protector of the mechanism. Wait about three minutes and operation will begin.	-
Does not cool or heat effectively.	Is the air filter dirty? See air filter cleaning instructions.	24
·	Has the temperature been set incorrectly? Are the indoor unit's air inlet or outlet vents obstructed?	12, 16 -
The air conditioner operation is noisy.	 For a noise that sounds like water flowingThis is the sound of freon flowing inside the air conditioner unit. For a noise that sounds like the compressed air releasing into atmosphereThis is the sound of the dehumidifying water being processed inside the air conditioning unit. 	-
Remote control display is faint, or no display at all.	Are the batteries depleted? Are the batteries inserted in the opposite (+) and (-) directions?	10
Crack sound is heard.	This sound is generated by the expansion/constriction of the front panel, etc. due to changes of temperature.	-