



website <http://www.lgservice.com>

LG

LG Ceiling Cassette Air Conditioner

OWNER'S MANUAL

Dear Owner
Thank you for installing LG Air Conditioner.
Your best choice guarantees you a great
performance and service to make your life
comfortable & pleasant.

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.

P/No.: MFL37562504

TABLE OF CONTENTS

| | |
|-------------------------------|----|
| Safety Precautions..... | 3 |
| Prior to Operation | 6 |
| Introduction | 7 |
| Electrical Safety | 8 |
| Operating Instructions..... | 9 |
| Maintenance and Service | 21 |



FOR YOUR RECORDS

Write the model and serial numbers here:

Model # _____

Serial # _____

You can find them on a label on the side of each unit.

Dealer's Name _____

Date Purchased _____

■ Staple your receipt to this page in the event you need it to prove date of purchase or for warranty issues.



READ THIS MANUAL

Inside you will find many helpful hints on how to use and maintain your air conditioner properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your air conditioner.

You'll find many answers to common problems in the chart of troubleshooting tips. If you review our chart of

Troubleshooting Tips first, you may not need to call for service at all.



PRECAUTION


- Contact the authorized service technician for repair or maintenance of this unit.
- Contact the installer for installation of this unit.
- The air conditioner is not intended for use by young children or invalids without supervision.
- Young children should be supervised to ensure that they do not play with the air conditioner.
- When the power cord is to be replaced, replacement work shall be performed by authorized personnel only using only genuine replacement parts.
- Installation work must be performed in accordance with the National Electric Code by qualified and authorized personnel only.




Safety Precautions



To prevent injury to 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.

 **WARNING** This symbol indicates the possibility of death or serious injury.

 **CAUTION** This symbol indicates the possibility of injury or damage.

■ Meanings of symbols used in this manual are as shown below.

| | |
|---|---|
|  | Be sure not to do. |
|  | Be sure to follow the instruction. |

WARNING

■ Installation

Do not use a defective or underrated circuit breaker. Use this appliance on a dedicated circuit.

- There is risk of fire or electric shock.

Install the panel and the cover of control box securely.

- There is risk of fire or electric shock.

Do not modify or extend the power cable.

- There is risk of fire or electric shock.

For installation, always contact the dealer or an Authorized Service Center.

- There is risk of fire, electric shock, explosion, or injury.

For electrical work, contact the dealer, seller, a qualified electrician, or an Authorized Service Center.

- Do not disassemble or repair the product. There is risk of fire or electric shock.

Always install a dedicated circuit and breaker.

- Improper wiring or installation may cause fire or electric shock

Do not install, remove, or re-install the unit by yourself (customer).

- There is risk of fire, electric shock, explosion, or injury.

Do not install the product on a defective installation stand.

- It may cause injury, accident, or damage to the product.

Always ground the product.

- There is risk of fire or electric shock.

Use the correctly rated breaker or fuse.

- There is risk of fire or electric shock.

Be cautious when unpacking and installing the product.

- Sharp edges could cause injury. Be especially careful of the case edges and the fins on the condenser and evaporator.

Be sure the installation area does not deteriorate with age.

- If the base collapses, the air conditioner could fall with it, causing property damage, product failure, and personal injury.

■ Operation

Do not let the air conditioner run for a long time when the humidity is very high and a door or a window is left open.

- Moisture may condense and wet or damage furniture.

Do not plug or unplug the power supply plug during operation.

- There is risk of fire or electric shock.

Do not allow water to run into electric parts.

- It may cause There is risk of fire, failure of the product, or electric shock.

When flammable gas leaks, turn off the gas and open a window for ventilation before turn the product on.

- Do not use the telephone or turn switches on or off.
There is risk of explosion or fire

Do not open the inlet grill of the product during operation. (Do not touch the electrostatic filter, if the unit is so equipped.)

- There is risk of physical injury, electric shock, or product failure.

Ventilate the product from time to time when operating it together with a stove, etc.

- There is risk of fire or electric shock.

When the product is not be used for a long time, disconnect the power supply plug or turn off the breaker.

- There is risk of product damage or failure, or unintended operation.

Take care to ensure that power cable could not be pulled out or damaged during operation.

- There is risk of fire or electric shock.

Do not touch(operate) the product with wet hands.

- There is risk of fire or electrical shock.

Do not store or use flammable gas or combustibles near the product.

- There is risk of fire or failure of product.

If strange sounds, or small or smoke comes from product. Turn the breaker off or disconnect the power supply cable.

- There is risk of electric shock or fire.

When the product is soaked (flooded or submerged), contact an Authorized Service Center.

- There is risk of fire or electric shock.

Do not place anything on the power cable.

- There is risk of fire or electric shock.

Do not place a heater or other appliances near the power cable.

- There is risk of fire and electric shock.

Do not use the product in a tightly closed space for a long time.

- Oxygen deficiency could occur.

Stop operation and close the window in storm or hurricane. If possible, remove the product from the window before the hurricane arrives.

- There is risk of property damage, failure of product, or electric shock.

Be cautious that water could not enter the product.

- There is risk of fire, electric shock, or product damage.

Turn the main power off when cleaning or maintaining the product.

- There is risk of electric shock.

Take care to ensure that nobody could step on or fall onto the outdoor unit.

- This could result in personal injury and product damage.

⚠ CAUTION

■ Installation

Always check for gas (refrigerant) leakage after installation or repair of product.

- Low refrigerant levels may cause failure of product.

Do not install the product where the noise or hot air from the outdoor unit could damage the neighborhoods.

- It may cause a problem for your neighbors.

Install the drain hose to ensure that water is drained away properly.

- A bad connection may cause water leakage.

Use two or more people to lift and transport the product.

- Avoid personal injury.

Keep level even when installing the product.

- To avoid vibration or water leakage.

Do not install the product where it will be exposed to sea wind (salt spray) directly.

- It may cause corrosion on the product. Corrosion, particularly on the condenser and evaporator fins, could cause product malfunction or inefficient operation.

■ Operation

Do not expose the skin directly to cool air for long periods of time. (Don't sit in the draft.)

- This could harm to your health.

Do not use the product for special purposes, such as preserving foods, works of art, etc. It is a consumer air conditioner, not a precision refrigeration system.

- There is risk of damage or loss of property.

Do not block the inlet or outlet of air flow.

- It may cause product failure.

Use a soft cloth to clean. Do not use harsh detergents, solvents, etc.

- There is risk of fire, electric shock, or damage to the plastic parts of the product.

Do not touch the metal parts of the product when removing the air filter. They are very sharp!

- There is risk of personal injury.

Do not step on or put anything on the product. (outdoor units)

- There is risk of personal injury and failure of product.

Always insert the filter securely. Clean the filter every two weeks or more often if necessary.

- A dirty filter reduces the efficiency of the air conditioner and could cause product malfunction or damage.

Do not insert hands or other objects through the air inlet or outlet while the product is operated.

- There are sharp and moving parts that could cause personal injury.

Do not drink the water drained from the product.

- It is not sanitary and could cause serious health issues.

Use a firm stool or ladder when cleaning or maintaining the product.

- Be careful and avoid personal injury.

Replace the all batteries in the remote control with new ones of the same type. Do not mix old and new batteries or different types of batteries.

- There is risk of fire or explosion

Do not recharge or disassemble the batteries. Do not dispose of batteries in a fire.

- They may burn or explode.

If the liquid from the batteries gets onto your skin or clothes, wash it well with clean water. Do not use the remote if the batteries have leaked.

- The chemicals in batteries could cause burns or other health hazards.

If you eat the liquid from the batteries, brush your teeth and see doctor. Do not use the remote if the batteries have leaked.

- The chemicals in batteries could cause burns or other health hazards.

Prior to Operation

Preparing for operation

1. Contact an installation specialist for installation.
2. Plug in the power plug properly.
3. Use a dedicated circuit.
4. Do not use an extension cord.
5. Do not start/stop operation by plugging/unplugging the power cord.
6. If the cord/plug is damaged, replace it with only an authorized replacement part.

Usage

1. Being exposed to direct airflow for an extended period of time could be hazardous to your health. Do not expose occupants, pets, or plants to direct airflow for extended periods of time.
2. Due to the possibility of oxygen deficiency, ventilate the room when used together with stoves or other heating devices.
3. Do not use this air conditioner for non-specified special purposes (e.g. preserving precision devices, food, pets, plants, and art objects). Such usage could damage the items.

Cleaning and maintenance

1. Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
2. Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to possible electric shock.
3. When cleaning the unit, first make sure that the power and breaker are turned off. The fan rotates at a very high speed during operation. There is a possibility of injury if the unit's power is accidentally triggered on while cleaning inner parts of the unit.

Service

For repair and maintenance, contact your authorized service dealer.

Introduction

Symbols used in this Manual



This symbol alerts you to the risk of electric shock.



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

NOTICE

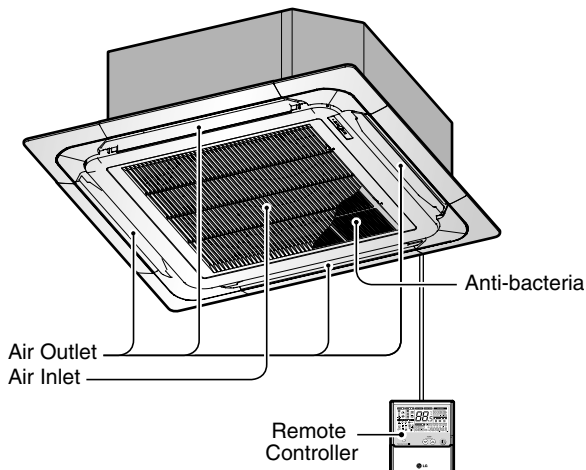
This symbol indicates special notes.

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.



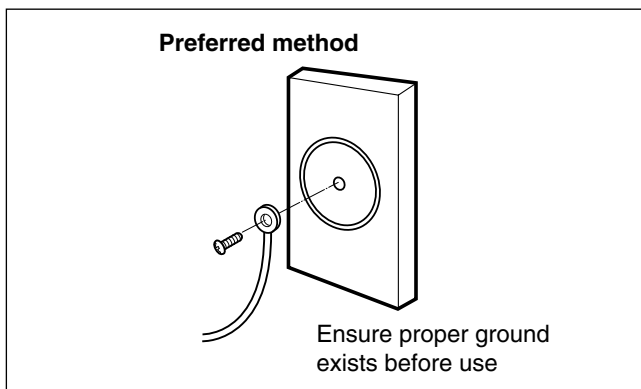
Electrical Safety



WARNING

This appliance must be properly grounded.

To minimize the risk of electric shock, you must always plug into a grounded outlet.



WARNING

Do not cut or remove the grounding prong from the power wire.



WARNING

Attaching the adapter ground terminal to the wall receptacle cover screw does not ground the appliance unless the cover screw is metal and not insulated, and the wall receptacle is grounded through the house wiring.

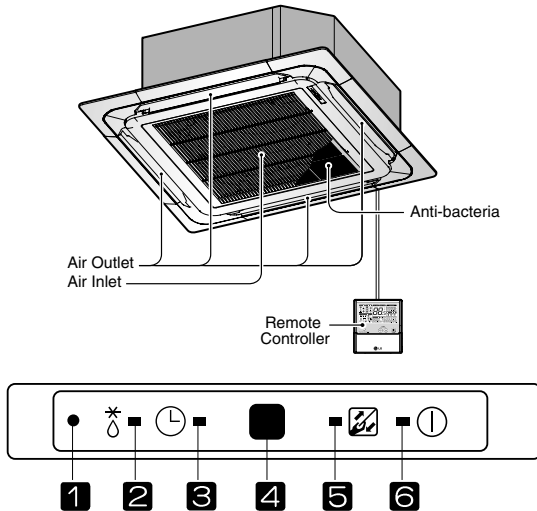


WARNING

If you have any doubt whether the air conditioner is properly grounded, have the wall receptacle and circuit checked by a qualified electrician.

Operating Instructions

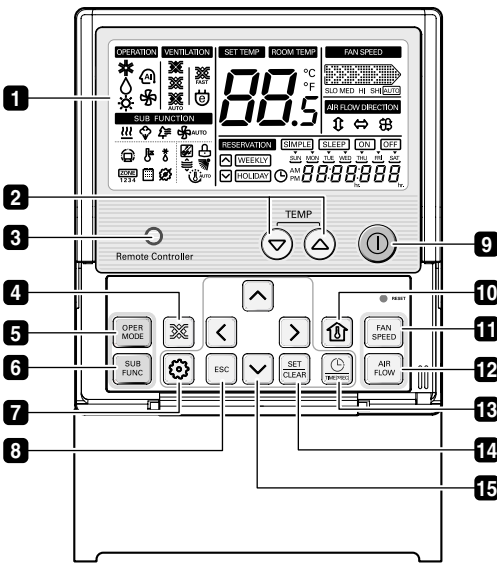
Indoor Unit, Outdoor Unit



Operation Indication Lamps

- 1** Forced Operation : Operation procedures when remote control can't be used.
- 2** Defrost Mode : Lights up during defrost mode or hot start operation.
(heat pump model only)
- 3** Timer : Lights up during timer operation.
- 4** Signal Receptor : Receives the signal from remote control (signal receiving sound:
two short beeps and one long beep)
- 5** Filter Sign : Lights up after 2400 hours from the time of first operation.
- 6** On/Off : Lights up during system operation.

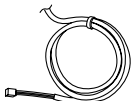
Name and Function of Remote Controller(Optional)



- 1** Operation indication screen
- 2** Set temperature button
- 3** Wireless remote controller Receiver
 - Some kind of product can not receive wireless signal.
- 4** Ventilation button
- 5** Operation mode selection button
- 6** Sub-function button
- 7** Function setting button
- 8** Exit button
- 9** On/ Off button
- 10** Room temperature button
- 11** Fan speed button
- 12** Air flow button
- 13** Reservation/ Time setting button
- 14** Setting/ Cancel button
- 15** Up, Down, Left, Right

* Some functions may not be operated and displayed depending on the product type.

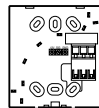
Accessory



Connection Cable
(1EA, 10m)



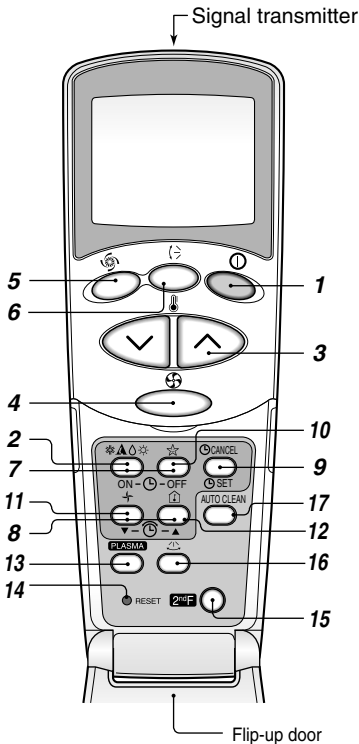
Remote controller screw
(4 EA)



Wired remote controller
installation board

Wireless Remote Controller

This air-conditioner is equipped with wireless remote controller basically. But if you want to be available with wired remote controller, you pay for it.



1. ON/OFF BUTTON

Used to Turn off/on the unit.

2. OPERATION MODE SELECTION BUTTON

Used to select the operation mode.

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 BUTTON

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

6. CHAOS SWING BUTTON

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.

8. TIME SETTING BUTTONS

Used to adjust the time.

9. TIMER SET/CANCEL BUTTON

Used to set and to cancel the Timer operation.

10. SLEEP MODE AUTO BUTTON

Used to set Sleep Mode Auto operation.

11. AIR CIRCULATION BUTTON

Used to circulate the room air without cooling or heating.

12. ROOM TEMPERATURE CHECKING BUTTON

Used to check the room temperature.

13. PLASMA(OPTIONAL)

Used to start or stop the plasma-purification function.

14. RESET BUTTON

Initialize remote controller.

15. 2nd F Button

Used prior to using modes printed in blue at the bottom of buttons.

16. HORIZONTAL AIRFLOW DIRECTION CONTROL BUTTON (OPTIONAL)

Used to set the desired horizontal airflow direction.

17. AUTO CLEAN BUTTON(OPTIONAL)

Used to set auto clean mode.



CAUTION:of handling the Remote Controller

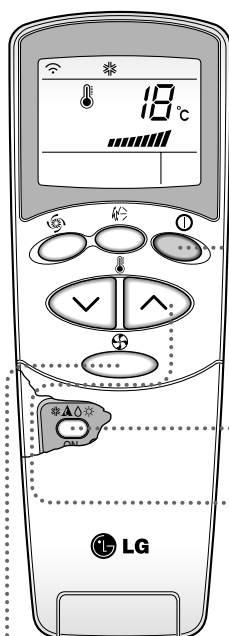
- Aim at the signal receiver on the wired remote controller so as to operate.
- The remote control signal can be received at a distance of up to about 7m.
- Be sure that there are no obstructions between the remote controller and the signal receptor.
- Do not drop or throw the remote controller.
- Do not place the remote controller in a location exposed to direct sunlight, or near the heating unit, or any other heat source.
- Block a strong light over the signal receptor with a curtain or etc. so as to prevent the abnormal operation. (ex:electronic quick start, ELBA, inverter type fluorescent lamp)

NOTE

- * The wireless remote controller do not operate the swirl mode.(4Way Type)
- * For more details refer to the Wireless Remote Control Accessory manual.
- * The actual product can be different from above contents depending upon model type.

How to use the Mode Selection Button

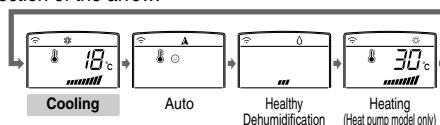
Cooling Operation



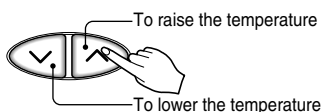
- 1 Press the Start/Stop button.
The unit will respond with beep sound.



- 2 Open the door on the Remote Controller. To select **Cooling Operation**, press the Operation Mode Selection button. Each time the button is pressed, the operation mode is shifted in the direction of the arrow.



- 3 Set the temperature lower than the room temperature.
The temperature can be set within a range of 18°C~30°C in 1°C.



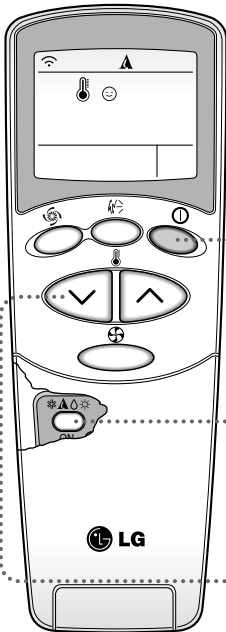
- 4 You can select the fan speed in four steps-low, medium, high, or CHAOS. Each time the button is pressed, the fan speed mode is shifted.



Natural wind by the CHAOS logic

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

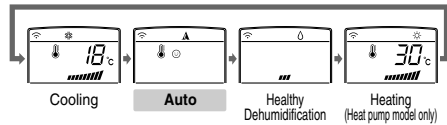
Auto Operation



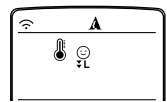
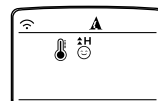
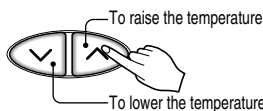
- 1** Press the Start/Stop button.
The unit will respond with beep sound.



- 2** Open the door on the Remote Controller. To select **Auto Operation**, press the Operation Mode Selection button. Each time the button is pressed, the operation mode is shifted in the direction of the arrow.



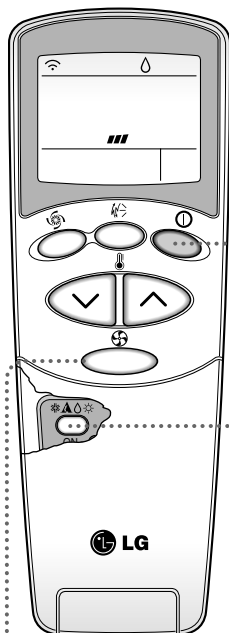
- 3** The temperature and fan speed are automatically set by the electronic controls based on the actual room temperature. If you want to change the set temperature, press the Room Temperature Setting buttons. The set temperature will be changed considering room temperature.



DURING AUTO OPERATION:

- ☐ You cannot switch the indoor fan speed. It has already been set by the Fuzzy rule.
- ☐ If the system is not operating as desired, manually switch to another mode. The system will not automatically switch from the cooling mode to the heating mode, or from heating to cooling, then you must set the mode and the desired temperature again.
- ☐ During Auto Operation, pressing the chaos swing button makes the horizontal louvers swing up and down automatically. If you want to stop auto-swing, press the chaos swing button again.

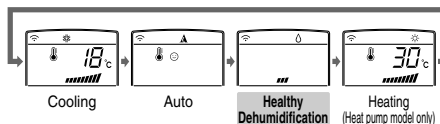
Healthy Dehumidification Operation



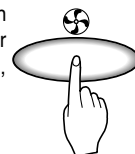
- 1** Press the Start/Stop button.
The unit will respond with beep sound.



- 2** Open the door on 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.



- 3** Set the fan speed. 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 more fresh feeling, press the Indoor Fan Speed Selector and set CHAOS mode. In this mode, the wind blows like natural breeze by automatically changing fan speed according to the CHAOS logic.

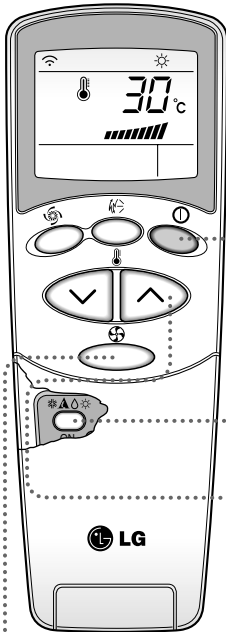
DURING HEALTHY DEHUMIDIFICATION OPERATION:

- ❑ If you select the dehumidification mode on the operation selection button, the A/C starts to run the dehumidification function, automatically setting the room temp. and air volume to the best condition for dehumidification based on the sensed room temp.

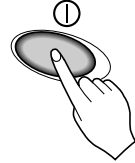
In this case, the setting temp. is not displayed in the Remote Controller and you are not able to control the room temp. either.

- ❑ During the healthy dehumidification function, the air volume is automatically set according to the algorithm responding to the current room temp. and makes the room condition healthy and comfortable even in the high humidity season.

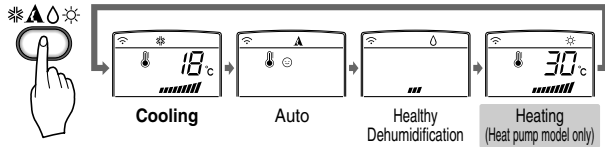
Heating Operation(Heat pump model only)



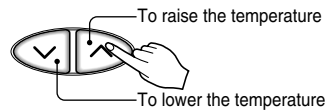
- 1** Press the Start/Stop button.
The unit will respond with beep sound.



- 2** Open the door on the Remote Controller. To select **Heating Operation**, press the Operation Mode Selection button. Each time the button is pressed, the operation mode is shifted in the direction of the arrow.



- 3** Set the temperature higher than the room temperature.
The temperature can be set within a range of 16°C~30°C in 1°C.



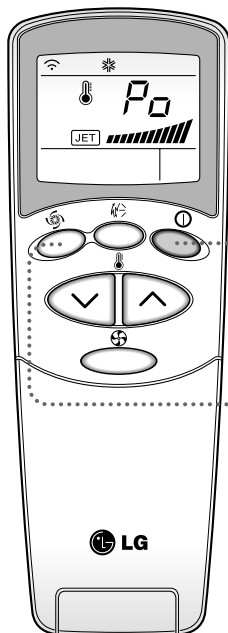
- 4** Set the fan speed again. You can select the fan speed in four steps—low, medium, high, or CHAOS. Each time the button is pressed, the fan speed mode is shifted.



NATURAL WIND BY THE CHAOS LOGIC

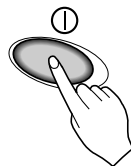
- ❑ For more fresh feeling than other fan speed, press the Indoor Fan Speed Selector and set to CHAOS mode. In this mode, the wind blows like natural breeze by automatically changing fan speed according to the CHAOS logic.

Jet Cool Operation



1

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



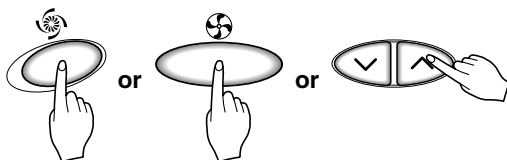
2

Press the **Jet Cool** button to operate the
speed cooling mode and the unit will
operate in super high fan speed on cooling
mode for 30 minutes.



3

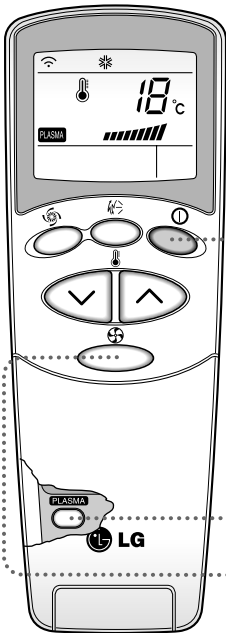
To cancel the **Jet Cool** mode, press the **Jet Cool** button or
the fan button or the room temperature setting button again
and the unit will operate in high fan speed in cooling mode



NOTICE

- ❑ During the JET COOL function at any moment, the A/C starts to blow the cool air at extremely high speed for 30 minutes setting the room temp. automatically to 18°C. It is especially used to cool the room temperature in the shortest time.
- ❑ In order to return to the normal cooling mode from the Jet Cool mode, you just press either the operation mode selection button, air volume selection or temp. setting button or the JET COOL button again.

NANO PLASMA Purification Operation (Optional)



1

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



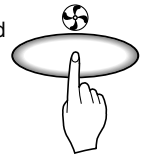
2

Open the door on the Remote Controller. Press the PLASMA air purifying operation ON/OFF button. Operation will start when the button is pressed and stop when the button is pressed again.



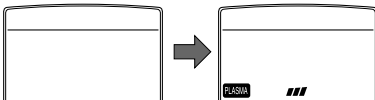
3

Set the fan speed. 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.



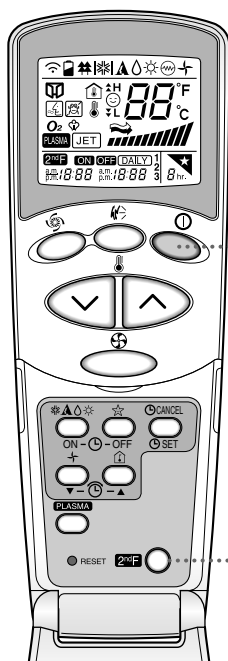
* Air purifying operation (PLASMA) is available in Heating or any other operations.

PLASMA Air Purifying Operation only



If you press the PLASMA button, NANO PLASMA air purifying operates.
Each time the button (⚙️) is pressed, the fan speed mode is shifted.

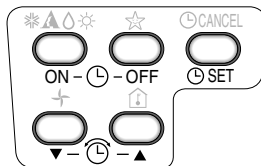
2nd F Operation



- 1 Press the Start/Stop button.
The unit will respond with beep sound.



- 2 Open the door of the Remote Controller and press the 2nd F button to operate functions printed in blue at bottom of buttons.
(Check the indication of 2nd function on Remote Controller display.)
These buttons operate the timer setting as follows:



- 3 2nd function goes off in a short time automatically or when the button is pressed again.

For more details refer to the functions in next page.

Additional features



Sleep Mode



1. Press the Sleep Mode Auto button to set the time you want the unit to turn off automatically.
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 low fan speed (cooling) or medium fan speed (heat pump only) for quiet sleeping.

IN COOLING MODE: The temperature will automatically rise by 1°C over the next 30 minutes and by 2°C in 1 hour for comfortable sleeping.



Setting the Time



1. Time can be set only when you have pressed the Reset button. If you have just replaced the batteries, the Reset button should be pressed to reset the time.

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 Remote Controller display.

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. Press the selected on/off setting by pressing the Timer SET button while aiming the Remote Controller at the signal receptor.



To cancel the setting the timer.



Press the Timer Cancel button while aiming Remote Controller at the signal receptor.
(The timer lamp on the air conditioner and the display will go out.)



Delay off timer



Delay on timer



Delay off and on timer



Delay on and off timer



Vertical Airflow Direction Control (Optional)

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

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 at the desired airflow direction.



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 more comfortable, as if enjoying a natural breeze.
- Always use the remote controller 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.

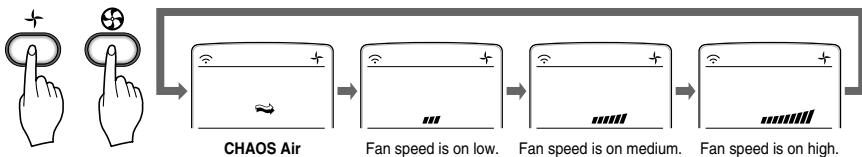


Air Circulation Mode

Circulates the room air without cooling or heating.

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

2. Open the door on the remote controller. Press the Air Circulation button. Close the door on the remote controller. Now each time that you press the Indoor Fan Speed Selector, the fan speed is shifted from low to CHAOS and back to low again.



NOTICE

CHAOS Air economizes power consumption and prevents overcooling. The fan speed is automatically changed from high to low or vice versa, depending on the ambient temperature.

Maintenance and Service



CAUTION Before performing any maintenance, turn off the main power to the system.

Indoor Unit

Grille, Case and Remote Control

- Turn the system off before cleaning. To clean, wipe with a soft, dry cloth. Do not use bleach or abrasives.

NOTICE

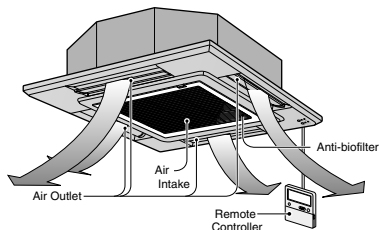
Supply power must be disconnected before cleaning the indoor unit.

Air Filters

The air filters behind the front grille should be checked and cleaned once every 2 weeks or more often if necessary.



- Never use any of the followings:
 - Water hotter than 40°C. Could cause deformation and/or discoloration.
 - Volatile substances. Could damage the surfaces of the air conditioner.



1 Remove the Air filters.

- Take hold of the tab and pull slightly forward to remove the filter.



CAUTION: When the air filter is to be removed, do not touch the metal parts of the indoor unit.

It may cause an injury.

2 Clean dirt from the air filter using a vacuum cleaner or washing with water.

- If dirt is conspicuous, wash with a neutral detergent in lukewarm water.
- If hot water (50°C or more) is used, it may be deformed.

3 After washing with water, dry well in the shade.

- Do not expose the air filter to direct sunlight or heat from a fire when drying it.

4 Install the air filter.

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.

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.

1. Operate the air conditioner at the following settings for 2 to 3 hours.

- Type of operation: Fan operation mode.(Refer to page 14.)
- This will dry out the internal mechanisms.

2. Turn off the breaker.



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.

Helpful information

The air filters and your electric bill.

If the air filters become clogged with dust, the cooling capacity will drop, and 6% of the electricity used to operate the air conditioner will be wasted.

When the air conditioner is to be used again.

1. Clean the air filter and install it in the indoor unit.

(Refer to page 26 for cleaning it.)

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

3. Check that the ground wire is connected correctly. It may be connect to the indoor unit side.

Operation Tips

Do not overcool the room.

This is not good for your health and wastes electricity.

Keep blinds or curtains closed.

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

Keep the room temperature uniform.

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

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.

Clean the air filter regularly.

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

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 Tips! Save time and money!

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? | 19~24 |
| | • Has the fuse blown or has the circuit breaker been tripped? | - |
| 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. | <ul style="list-style-type: none"> • 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. | 21 |
| | • The room may have been very hot when the room air conditioner was first turned on. Allow time for it to cool down. | - |
| | • Has the temperature been set incorrectly? | 12 |
| | • Are the indoor unit's air inlet or outlet vents obstructed? | - |
| The air conditioner operation is noisy. | <ul style="list-style-type: none"> • For a noise that sounds like water flowing. -This is the sound of freon flowing inside the air conditioner unit. • For a noise that sounds like the compressed air releasing into atmosphere. -This is the sound of the dehumidifying water being processed inside the air conditioning unit. | - |
| Remote control display is faint, or no display at all. | <ul style="list-style-type: none"> • Are the batteries depleted? • Are the batteries inserted in the opposite (+) and (-) directions? | - |
| Crack sound is heard. | • This sound is generated by the expansion/constriction of the front panel, etc. due to changes of temperature. | - |
| Filter sign lamp (LED) is ON. | • Cleaning the filter, press the Timer button and ◀ button of wired remote controller at the same time for 3 sec. | - |

