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LG

LG

Multi 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.: MFL37562506

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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.

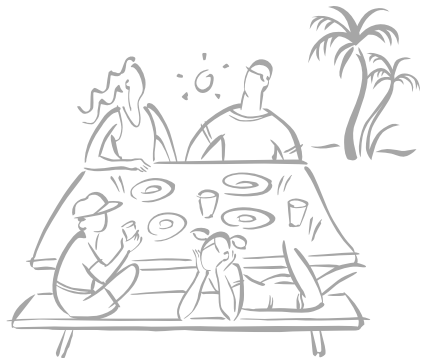
You'll find many answers to common problems in the chart of troubleshooting tips. If you review our chart of

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.**



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.

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 ground the product.

- 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.

Always install a dedicated circuit and breaker.

- Improper wiring or installation may cause fire or electric shock

Use the correctly rated breaker or fuse.

- There is risk of fire or electric shock.

Do not modify or extend the power cable.

- There is risk of 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.

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.

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

- 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.

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.

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.

■ Operation

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

- There is risk of fire or electrical shock.

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

- There is risk of fire and electric shock.

Do not let electric parts of the product get wet.

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

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.

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 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.

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

- A bad connection may cause water leakage.

Keep level even when installing the product.

- To avoid vibration.

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

- It may cause a problem for your neighbors.

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

- Avoid personal injury.

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.

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.

- Could adversely affect operation.

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.

Electrical Safety

⚠ WARNING

- This appliance must be properly grounded.
To minimize the risk of electric shock, you must always plug into a grounded outlet.
- Do not cut or remove the grounding prong from the power plug.
- Attaching the adapter ground terminal to the wall receptacle cover screw does not ground the appliance unless the cover screw is metal and not insulated, and the wall receptacle is grounded through the house wiring.
- If you have any doubt whether the air conditioner is properly grounded, have the wall receptacle and circuit checked by a qualified electrician.

Temporary Use of an Adapter

We strongly discourage the use of an adapter due to potential safety hazards. For temporary connections, use only a genuine adapter, available from most local hardware stores. Ensure that the large slot in the adapter is aligned with the large slot in the receptacle for a proper polarity connection.

To disconnect the power cord from the adapter, use one hand on each to avoid damaging the ground terminal. Avoid frequently unplugging the power cord as this can lead to eventual ground terminal damage.

⚠ WARNING

- Never use the appliance with a broken adapter.

Temporary Use of an Extension Cord

We strongly discourage the use of an extension cord due to potential safety hazards. For temporary situations, use only CSA certified and UL listed 3-wire grounded extension cords, rated 15 A, 125 V.

⚠ WARNING

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

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.

NOTE

This symbol indicates special notes.

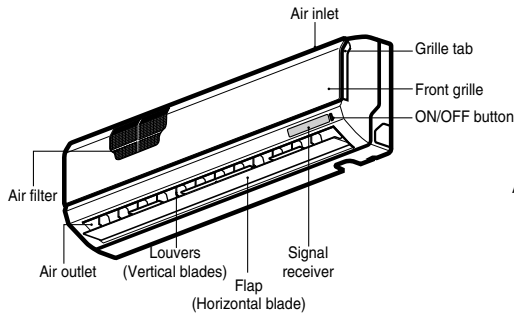
Product Introduction

Here is a brief introduction of the indoor and outdoor units. Please see the information specific to your indoor unit type.

Indoor Units

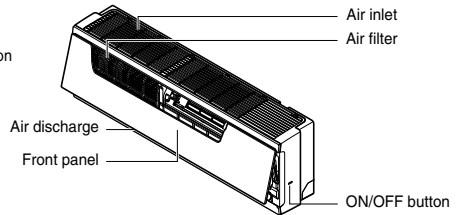
Wall Mounted Type

Display panel LED indicators



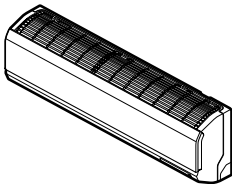
Art Cool Mirror Type

Display panel LCD indicators



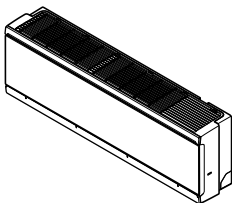
Operation Indication Lamps

Wall Mounted Type



- On/Off** : Lights up during the system operation, error code and auto restart setting.
- Sleep mode** : Lights up during Sleep Mode Auto operation.
- Timer** : Lights up during timer operation.
- Defrost mode** : Lights up during defrost mode. (Heat Pump model only)
- Outdoor unit operation** : Lights up during outdoor unit operation. (Cooling model only)
- PLASMA** : Indicate PLASMA purifier operation.

Art Cool mirror Type



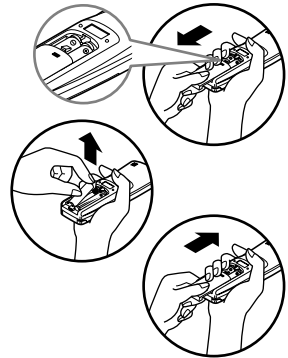
- On/Off** : Lights up during the system operation.
- Sleep Mode** : Lights up during Sleep Mode Auto operation.
- Timer** : Lights up during Timer operation.
- Defrost mode** : Lights up during defrost mode. (Heat Pump model only)
- Outdoor unit operation** : Lights up during outdoor unit operation. (Cooling model only)
- Desire temperature indicator** : For cooling, dehumidification, heating, modes it display Desired temperature

• Cooling	: 18~30°C	• AI : Auto Operation
• Dehumidification	: 18~30°C	• Po : Jet Cool
• Heating	: 16~30°C	• Lo : Test Mode
- PLASMA** : Indicate PLASMA purifier operation.

Operating Instructions

How to insert the Batteries

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.

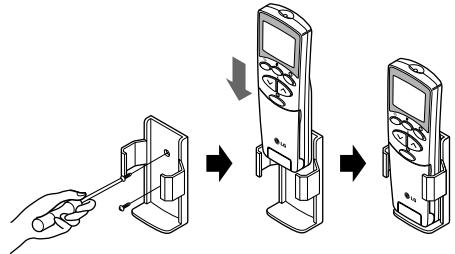


NOTE

1. Use 2 AAA(1.5volt) batteries. Do not use rechargeable batteries.
2. If the system is not to be used for a long time, remove the batteries to save their working life.
3. If the display screen of remote controller starts, fading replace both of the batteries.

Wireless Remote Controller Maintenance

1. Choose a suitable place where its safe & easy to reach.
2. Fix the holder to wall etc with the supplied screws firmly.
3. Slide the remote controller inside the holder.

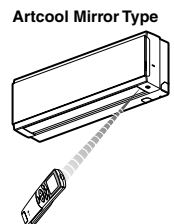
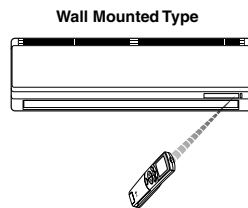


NOTE

1. Remote controller should never be exposed to direct sunlight.
2. Signal transmitter & receiver should always be clean for proper communication. Use a soft cloth to clean them.
3. In case some other appliances also get operated with remote control, change their position or consult your serviceman.

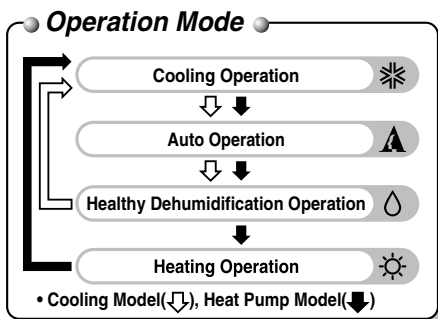
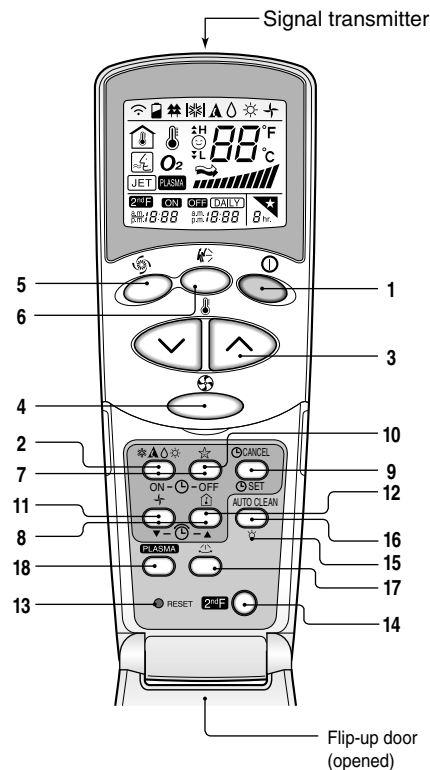
Operating Method

1. The signal receiver is inside the unit.
2. Aim the remote controller towards the unit to operate it.
There should not be any blockage in between.



Wireless Remote Controller

The controls will look like the following.

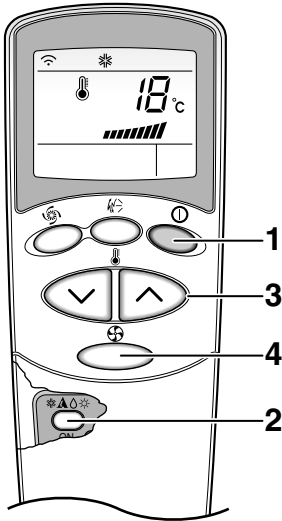


- 1. START/STOP BUTTON**
Used to turn off/on the unit.
- 2. OPERATION MODE SELECTION BUTTON**
Used to select the operation mode.
- 3. ROOM TEMPERATURE SETTING BUTTONS**
Used to select the room temperature.
- 4. INDOOR FAN SPEED SELECTOR BUTTON**
Used to select fan speed in four steps low, medium, high and CHAOS.
- 5. JET COOL BUTTON**
Used to start or stop the speed cooling.
(It operates fan in super high speed in cooling mode)
- 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
- 12. ROOM TEMPERATURE CHECKING BUTTON**
Used to check the room temperature.
- 13. RESET BUTTON**
Used prior to resetting time.
- 14. 2nd F BUTTON**
Used prior to using modes printed in blue at the bottom of buttons.
- 15. LCD LUMINOSITY(Optional)**
Used to control the luminosity of the display on unit
- 16. AUTO CLEAN BUTTON**
Used to set auto clean mode.
- 17. Horizontal Airflow Direction Control Button (Optional)**
Used to set the desired horizontal airflow direction.
- 18. PLASMA(OPTIONAL)**
Used to start or stop the plasma-purification function.

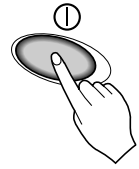
NOTE

To use the functions printed in blue at the bottom of the buttons press 2nd F button first and then the required function button. Pressing the 2nd F button activates the blue printed function of the respective button. To cancel the function press the 2nd F button again else it will automatically cancel if remains idle after 10 seconds.

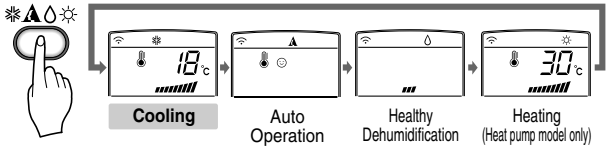
Operation Mode



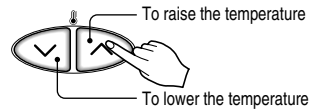
- 1** Press the START/STOP BUTTON to turn the unit on.
The unit will respond with a beep.



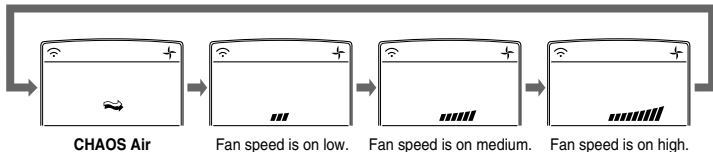
- 2** Open the door of the remote controller and press the operation mode button. Each time the button is pressed, the operation mode is shifted in the direction of the arrow.



- 3** For cooling or heating operation set the desired indoor temperature by pressing the ROOM TEMPERATURE SETTING BUTTONS.
For cooling the temperature can be set within 18°C-30°C and for heating the temperature range is 16°C-30°C



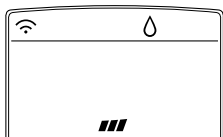
- 4** Set the fan speed with the remote controller. You can select the fan speed in four steps-low, medium, high and CHAOS by pressing the INDOOR FAN SPEED SELECTOR BUTTON. Each time the button is pressed, the fan speed mode is shifted.



Natural wind by the CHAOS logic

- For fresher feeling, press the INDOOR FAN SPEED SELECTOR BUTTON 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.

Healthy Dehumidification Operation



Healthy Dehumidification

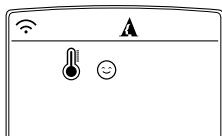


During Healthy Dehumidification Operation

- ❑ If you select the dehumidification mode on the OPERATION MODE SELECTION BUTTON, the product starts to run the dehumidification function. It automatically sets the room temperature and airflow volume to the best condition for dehumidification, based on the sensed current room temperature.
In this case, however, the setting temperature is not displayed on the remote controller and you are not able to control the room temperature either.
- ❑ During the healthy dehumidification function, the airflow volume is automatically set according to the optimization algorithm responding to the current room temperature status, so that the room condition is kept healthy and comfortable even in the very humid season.

To run the healthy dehumidification mode follow steps 1, and 2 and 4 (See operation mode)

Auto Operation



Auto

In this operation mode the actual setting temperature and the fan speed are automatically set by the electronic control logic based on the current room temperature. If you feel hot or cold press the temperature setting buttons respectively for more cooling or heating effect.

NOTE : You cannot set the actual setting temperature and the indoor fan speed in this operation mode. But you can use the Chaos swing in this operation.
If the system is not operating as desired, switch manually to another mode.

To run the auto operation follow steps 1, and 2. (See operation mode)

Auto Clean (Optional)

- ❑ During auto clean function, moistures left in indoor units after cooling operation or healthy dehumidification operation can be removed.

AUTO CLEAN

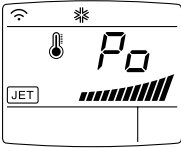


1. Press the AUTO CLEAN BUTTON to activate this function.
2. Now whenever the unit is turned off, the indoor fan is still running for about 30 minutes internally without cooling or dehumidification operation. Also the louver is closed.
3. This dries up any remains of moisture & cleans the unit internally.
4. If you press AUTO CLEAN BUTTON again during operation, this function is cancelled.

NOTE

- ❑ During auto clean function, only START/STOP BUTTON and AUTO CLEAN BUTTON can be used.

Jet Cool/Heat Operation



Jet cool function can be used to cool the room quickly in hot summer. When this function is turned on, the air conditioner runs in cooling operation mode with super high fan speed and 18°C setting temperature for 30 minutes for fast and effective cooling. Similarly, jet heat function (available only in some models) warms up the room quickly by operating at super high fan speed and 30°C setting temperature for 60 minutes.

You can activate this operation by pressing the JET COOL BUTTON.

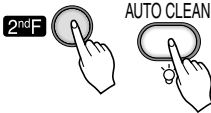
To change from jet cool mode to high fan speed cooling mode, press the JET COOL BUTTON or INDOOR FAN SPEED SELECTOR BUTTON or the ROOM TEMPERATURE SETTING BUTTON again.



NOTE

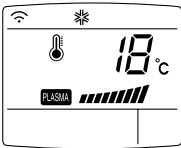
- Jet cool function cannot be activated during heating or auto changeover operations.
- In case of Inverter, Art Cool and Art Cool Wide(non-Deluxe) model, you can use jet heat function by pressing JET COOL BUTTON for heating operation.
- Art Cool and Art Cool Wide models close the side discharges during jet cool/heat operation, for strong cooling and heating.

Display Luminosity (Optional) -Art Cool Mirror Type



- The Display Luminosity of the unit can be adjusted by using the Remote Controller. Press the start/stop button to start the unit. Open the door on the Remote Controller, press the 2nd F button and, press display luminosity button. Display will be dark. Press the button again to set bright display.

PLASMA Purification Operation (Optional)



Plasma filter is a technology developed by LG to get rid of microscopic contaminants in the intake air by generating a plasma of high charge electrons. This plasma kills and destroys the contaminants completely to provide clean and hygienic air.

Plasma purification can be started by pressing the PLASMA BUTTON on the remote controller. Repeating it will deactivate the operation.

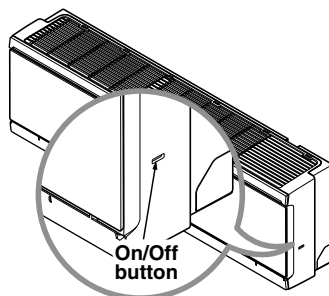
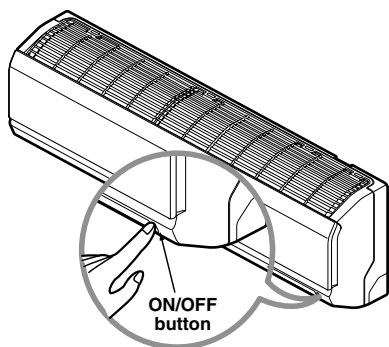
NOTE

This feature can be used in any operation mode and any fan speed can be used while plasma filter is functioning.



Forced operation

Operation procedures when the remote control can't be used.
The operation will be started if the ON/OFF button is pressed.
If you want to stop operation, re-press the button.



	Cooling Model	Heat pump Model		
		Room Temp. $\geq 24^{\circ}\text{C}$	$21^{\circ}\text{C} \leq$ Room Temp. $< 24^{\circ}\text{C}$	Room Temp. $< 21^{\circ}\text{C}$
Operating mode	Cooling	Cooling	Healthy Dehumidification	Heating
Indoor FAN Speed	High	High	High	High
Setting Temperature	22°C	22°C	23°C	24°C

Test operation

During the TEST OPERATION, the unit operates in cooling mode at high speed fan, regardless of room temperature and resets in 18 minutes.

During test operation, if remote controller signal is received, the unit operates as remote controller sets.

If you want to use this operation, Press and hold the ON/OFF button for 3-5 seconds, then the buzzer sound 1 "beep".

If you want to stop the operation, re-press the button.

Sleep Mode

1. Press the SLEEP MODE AUTO BUTTON to set the time when you want the unit to stop 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 AUTO BUTTON while aiming at air conditioner.
3. Make sure the sleep mode LED lights up.
To cancel the sleep mode, press the SLEEP MODE AUTO BUTTON several times until the sleep mode LED lights off.



NOTE

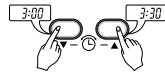
- The sleep mode will operate indoor fan at slow speed in cooling mode and at medium speed in heating mode for pleasant sleep.

In cooling mode or healthy dehumidification mode:

The setting temperature will rise automatically two times by 1°C over next consecutive 30 minutes (2°C in 1 hour) for a

Setting the Current Time

1. Time can be set only when you press the RESET BUTTON. Having replacing the batteries, you should press the RESET BUTTON to reset the time. Press the Start/Stop button.
2. Press 2nd F button and check if **2ndF** icon is on.
3. Press the TIME SETTING BUTTONS until the desired time is set.
4. Press the TIME SET/CANCEL BUTTON.



NOTE

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

Timer Setting

1. Make sure to set current time 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 BUTTONS aiming the remote controller at the signal receptor.



To cancel the timer setting

Check if **2ndF** 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 off.)



NOTE

Select one of the following four types of operation.



Delay off timer



Delay on timer



Delay off and on timer



Delay on and off timer

Vertical / Horizontal 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.

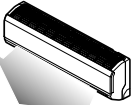
2. Press CHAOS SWING BUTTON.



3. The louvers will swing up & down automatically.



4. To stop the louver at a desired angle, press  again



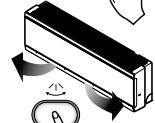
The left/right(Horizontal airflow) can be adjusted by using the remote control.


1. Press the START/STOP BUTTON to start the unit.

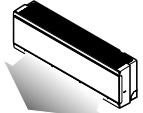
2. Press the HORIZONTAL AIRFLOW DIRECTION BUTTON.



3. The louvers will swing left & right automatically.



4. To stop the louvers at a desired angle, press  again.



NOTE

- By pressing the CHAOS SWING BUTTON the horizontal air flow 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 natural breeze.
- Always use the remote controller to adjust the up and down air flow direction. Manually moving the vertical air flow direction louver by hand could damage the mechanism. When the unit is shut off, the up/down airflow direction louver will close the air outlet vent of the system.

Air Circulation Mode



This operation circulates the air without cooling or heating. It can be activated by pressing the AIR CIRCULATION BUTTON. Once the air circulation is activated you can select the air speed by pressing the INDOOR FAN SPEED SELECTOR BUTTON.



NOTE

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.

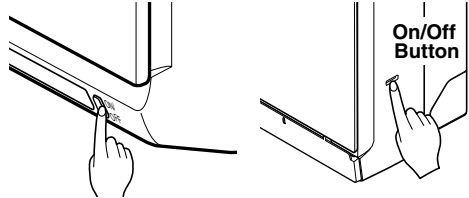
- In case of inverter type models where there is no AIR CIRCULATION BUTTON, air circulation can be operated by pressing the PLASMA BUTTON.

Auto Restart Function

This function is useful in the situation of power failure. When power regains after a failure this feature restore the previous operating condition and the air conditioner will run in the same settings.

NOTE

This feature is enabled by factory default setting, but you can disable it by pressing the ON/OFF button for 6 seconds. The unit will beep twice and the indicator lamp(2) will blink 4 times. To enable it, press the button again for 6 seconds. The unit will beep twice and the indicator lamp(1) will blink 4 times.



Maintenance and Service

⚠ CAUTION

Before performing any maintenance, turn off the main power to the system, disconnect the circuit breaker and unplug the power cord.

Indoor Unit

Clean the unit with a soft dry cloth. Do not use bleach or abrasives.

⚠ CAUTION

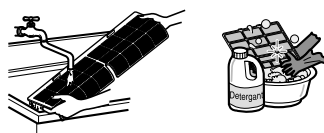
Never use any of these

- Water hotter than 40°C. It may cause deformation and discoloration.
- Volatile substances. They may damage the surface of the air conditioner.



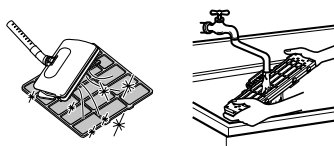
Air Filters

The air filters behind the front panel / grill should be checked and cleaned once in every 2 weeks or more often if necessary. To remove the filters see the self explanatory diagrams for each model type. Clean the filters with a vacuum cleaner or warm soapy water. If dirt is not easily removed, wash with a solution of detergent in luke warm water. Dry well in shade after washing and reinstall the filters back in place.



Plasma Filters

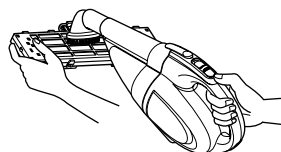
The plasma filters behind the air filter should be checked and cleaned once in every 3 months or more often if necessary. To remove the filters see the self explanatory diagrams for each model type. Clean the filters with a vacuum cleaner. If it is dirty wash it with water and dry well in shade and install back in place.



Deodorizer Filters

Remove the deodorizer filters behind the air filter and expose them in direct sunlight for 2 hours.

And then insert these filters into original position.



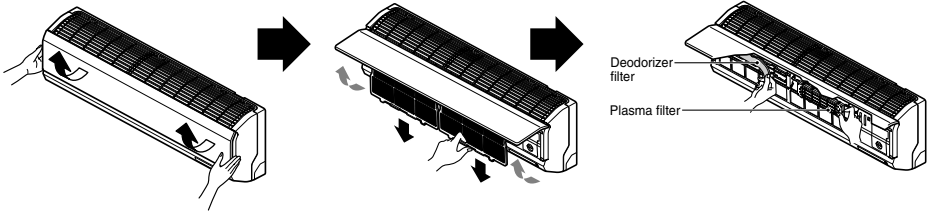
Removal of Filters

Wall Mounted Type

Open the front panel as shown.

Then pull the filter tab slightly forward to remove the air filter.

After removing the air filter remove the plasma and deodorizer filter by slightly pulling forward.

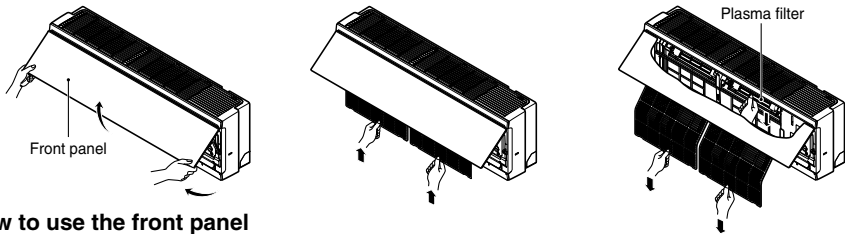


Art Cool Mirror Type

Open the front panel as shown.

Then pull the filter tab slightly forward to remove the air filter.

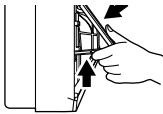
After removing the air filter remove the deodorizer filter by slightly pulling forward.



How to use the front panel

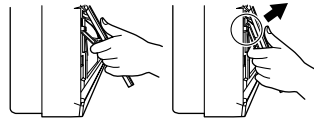
1. Front panel closing

Move the link upward and close the front panel.



2. Front panel removing

Raise the link up to hook hanger and remove front panel forward.



⚠ CAUTION

Don't touch this plasma filter within 10 seconds after opening the inlet grille, it may cause an electric shock.

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.

NOTE

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

Operation Tips!

Do not overcool the room.

This is not good for the 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.

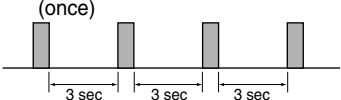
Since windows are kept closed, it is a good idea to open them and ventilate the room now and ten.

Use high fan speed for effective and fast cooling.

The unit gives its rated cooling capacity when the fan speed is high.

Self-Diagnosis Function

This unit has an inbuilt error diagnosis capability. Unit LED(Ⓛ) will blink in case if thermistor fails. Please contact your serviceman/dealer in such a situation

Error Display LED (Ⓛ)	Check Point
<p>(once)</p>  <p>The diagram illustrates a single LED blink pulse. It consists of a horizontal line with four vertical bars representing pulses. The first pulse is labeled '(once)'. Below the line, three horizontal double-headed arrows indicate the intervals between the pulses, each labeled '3 sec'.</p>	<ul style="list-style-type: none"> Indoor room temperature thermistor open/short. Indoor pipe temperature thermistor open/short.

Troubleshooting Tips! Save time and money!

The air conditioner may be operating abnormally when:

<i>Problem</i>	<i>Possible Causes</i>	<i>What To Do</i>
Air conditioner does not start	<ul style="list-style-type: none"> ■ The fuse is blown/circuit breaker is tripped. 	<ul style="list-style-type: none"> • Check the house fuse/circuit breaker box and replace the fuse or reset the breaker.
	<ul style="list-style-type: none"> ■ Power failure. 	<ul style="list-style-type: none"> • If power failure occurs, turn the mode control to OFF. When power is restored, wait 3 minutes to restart the air conditioner to prevent tripping of the compressor overload.
	<ul style="list-style-type: none"> ■ High voltage. 	<ul style="list-style-type: none"> • If the voltage is unusually very high or low the circuit Breaker will trip.
Air conditioner does not cool as it should	<ul style="list-style-type: none"> ■ Airflow is restricted. 	<ul style="list-style-type: none"> • Make sure there are no curtains, blinds, or furniture blocking the front of the air conditioner.
	<ul style="list-style-type: none"> ■ The air filter is dirty. 	<ul style="list-style-type: none"> • Clean the filter at least every 2 weeks. See the Maintenance and Service section.
	<ul style="list-style-type: none"> ■ The room may have been hot. 	<ul style="list-style-type: none"> • When the air conditioner is first turned on, you need to allow time for the room to cool down.
	<ul style="list-style-type: none"> ■ Cold air is escaping. 	<ul style="list-style-type: none"> • Check for open furnace floor registers and cold air returns.
	<ul style="list-style-type: none"> ■ Check the temperature settings. 	<ul style="list-style-type: none"> • Make sure they are correct.
	<ul style="list-style-type: none"> ■ There might be any heating source in the room. 	<ul style="list-style-type: none"> • Check and remove such source or turn it off while using the air conditioner.

Call the service immediately in the following situations

1. Anything abnormal such as burning smell, loud noise etc. happen. Stop the unit and turn the breaker off. Never try to repair by yourself or restart the system in such cases.
2. Main power cord is too hot or damaged.
3. Error code is generated by self diagnosis.
4. Water leaks from indoor unit even if the humidity is low.
5. Any switch, breaker (safety, earth) or fuse fails to work properly

User must carry routine checkup & cleaning to avoid unit's poor performance. In case of special situation, the job must be carried out by service person only.