LG
Life's Good

ENGLISH

OWNER'S MANUAL

AIR CONDITIONER

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

TYPE : CEILING CASSETTE AIR CONDITIONER

MFL63260219
Rev. : 01(03T15)

www.lg.com

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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.

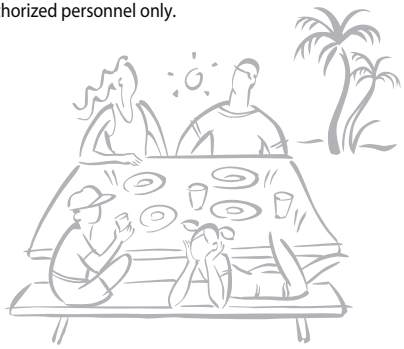
READ THIS MANUAL

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.
- Installation work must be performed in accordance with the National Electric Code by qualified and authorized personnel only.



Important Safety Instructions

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE.

Always comply with the following precautions to avoid dangerous situations and ensure peak performance of your product

⚠ WARNING

It can result in serious injury or death when the directions are ignored

⚠ CAUTION

It can result in minor injury or product damage when the directions are ignored

⚠ WARNING

- Installation or repairs made by unqualified persons can result in hazards to you and others.
- The product shall be installed according to the Wiring regulations of the corresponding country.
- The information contained in the manual is intended for use by a qualified service technician familiar with safety procedures and equipped with the proper tools and test instruments.
- Failure to carefully read and follow all instructions in this manual can result in equipment malfunction, property damage, personal injury and/or death.

Installation

- 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

- 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 place anything on the power cable. There is risk of fire or electric shock.

- Do not plug or unplug the power supply plug 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 place a heater or other appliances near the power cable. There is risk of fire and 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.
- Do not store or use flammable gas or combustibles near the product. There is risk of fire or failure of product.
- Do not use the product in a tightly closed space for a long time. Oxygen deficiency could occur.
- 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
- 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 .
- 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.
- 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.
- 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.
- Ventilate the product from time to time when operating it together with a stove, etc. There is risk of fire or electric shock.
- 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 or water leakage.
- 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.
- 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.

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 anyting 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.

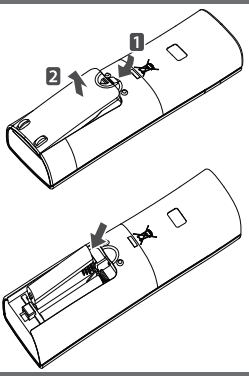
NOTE

- For service and transportation, always contact service center or authorized installer. Otherwise, it may cause a fire, electrical shock, explosion or injury.
- For more information about Product, please refer to the Label.
  ex) Month and year of manufacturing can check Serial label. Serial No. of Product was manufactured in November 2013 is 311***.

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.

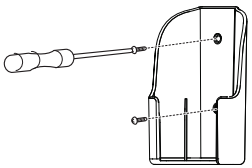


NOTE

1. Always use/replace both batteries of same type.
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.

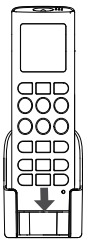
Wireless Remote Controller Maintenance

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.



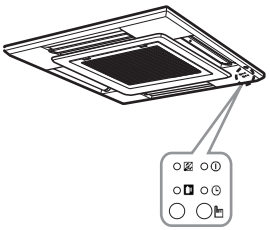
NOTE

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.

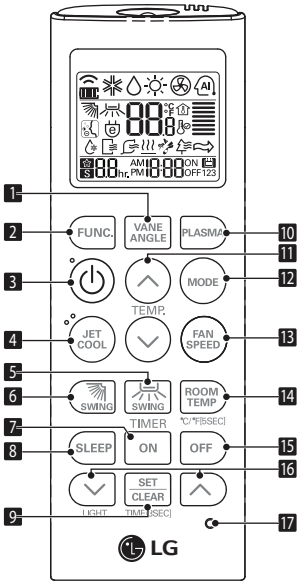


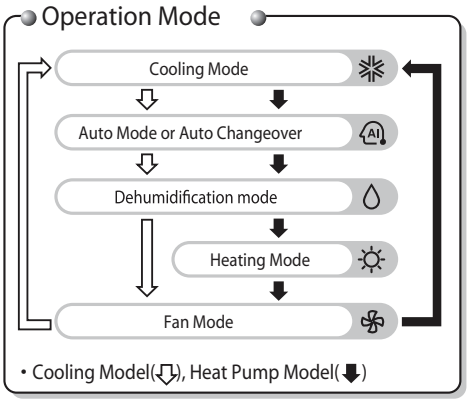
Operation Indication Lamps

	On/Off	: Lights up during the system operation.
	Filter Sign	: Lights up after 2400 hours from the time of first operating unit.
	Timer	: Lights up during Timer operation.
	Outdoor Unit Operation	: Light up during outdoor unit operation. (Cooling model only)
	Defrost Mode	: Lights up during Defrost Mode or Hot Start operation.(Heat pump model only)
	Forced Operation	: To operate the unit when the remote control can't be used for any reason.



Wireless Remote Controller





1 VANE ANGLE Button(Useless)
Used to set each vane angle.

2 FUNCTION SETTING Button(Useless)
Used to set or clear Auto Clean, Smart Clean, Electric heater or Individual vane angle control.

3 ON/OFF Button
Used to turn on/off the unit.

4 JET COOL Button
Speed cooling operates super high fan speed.

5 LEFT/RIGHT AIRFLOW Button(Useless)
Used to set the desired left/right(horizontal) airflow direction.

6 UP/DOWN AIRFLOW Button
Used to stop or start louver movement and set the desired up/down airflow direction.

7 ON TIMER Button
Used to set the time of starting operation.

8 SLEEP TIMER Button
Used to set the time of sleeping operation.

9 SET / CLEAR Button
Used to set/clear the timer.
Used to set the current time(if it input for 3sec.)

10 PLASMA Button (Useless)
Used to start or stop the plasma-purification function.

11 ROOM TEMPERATURE SETTING Button
Used to select the room temperature.

12 OPERATION MODE SELECTION Button
Used to select the operation mode.

13 INDOOR FAN SPEED SELECTION Button
Used to select fan speed in four steps low, medium, high and chaos.

14 ROOM TEMPERATURE CHECKING Button
Used to check the room temperature.

15 OFF TIMER Button
Used to set the time of stopping operation.

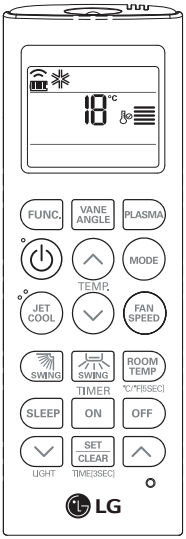
16 TIMER SETTING(Up/Down)/LIGHT Button
Used to set the timer.
Used to adjust the brightness.(if it is not time adjust mode)

17 RESET Button
Used to reset the remote controller.

NOTE

Some buttons cannot be used by model's function.

Cooling Mode - Standard Operation



1 Press the ON/OFF button.
The unit will respond with beep sound.

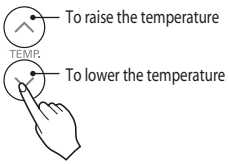


2 Press MODE button to select Cooling Mode.

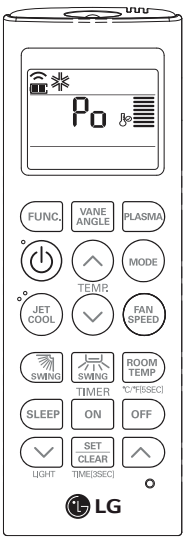


3 Set the desired temperature by pressing TEMP button. Press ROOM TEMPERATURE CHECKING button to check the room temperature. When setting the desired temperature is higher than room temperature, cooling wind isn't blow out.

❉ Setting Temp. Range : 18~30°C(64~86°F)



Cooling Mode - Power Cooling



1 Press the ON/OFF button.
The unit will respond with beep sound.



2 Press MODE button to select Cooling Mode.



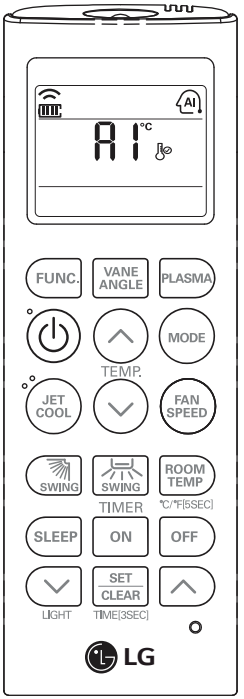
3 Press the JET COOL button. The unit will operate in super high fan speed in cooling mode.



4 To cancel the Power cooling 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.



Auto Operation Mode



1 Press the ON/OFF button.
The unit will respond with beep sound.

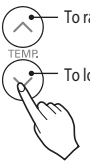


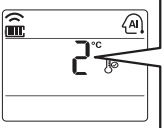
2 Press MODE button to select Auto Operation Mode.



3 Set the desired temperature.

<For Cooling Model>
The temperature and fan speed are automatically set by the electronic controls based on the actual room temperature.
If you feel hot or cold, press TEMPERATURE SETTING buttons for more cooling or heating e ect.
You cannot switch the indoor fan speed. It has already been set by the Auto Operation Mode rule.

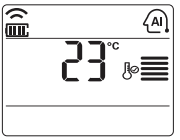




❊ Please select the code depend on your feeling.

Code	Feel
2	Cold
1	Slightly cool
0	Neutral
-1	Slightly warm
-2	Warm

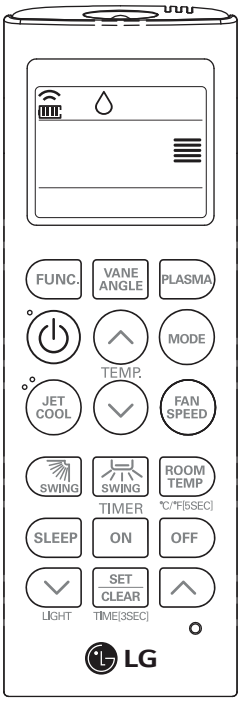
<For Heating Model>



You can set desired temperature and indoor fan speed.
Setting Temp. Range : 18~30°C(64~86°F)

During Auto Operation Mode
• 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.

Dehumidification Mode



1 Press the ON/OFF button.
The unit will respond with beep sound.



2 Press MODE button to select Dehumidification Mode.



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.

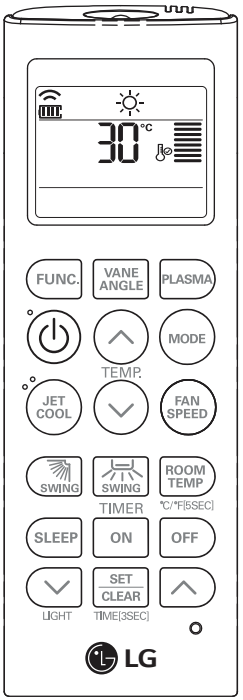


During Dehumidification Mode

- If you select the dehumidification mode on the operation selection button, the indoor unit 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 Mode

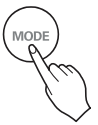
This Function is only for H/P model.



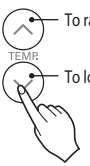
1 Press the ON/OFF button.
The unit will respond with beep sound.



2 Press MODE button to select Heating Mode.



3 Set the desired temperature by pressing TEMP button.
Press ROOM TEMPERATURE CHECKING button to check the room temperature.
When setting the desired temperature is lower than room temperature, heating wind isn't blow out.

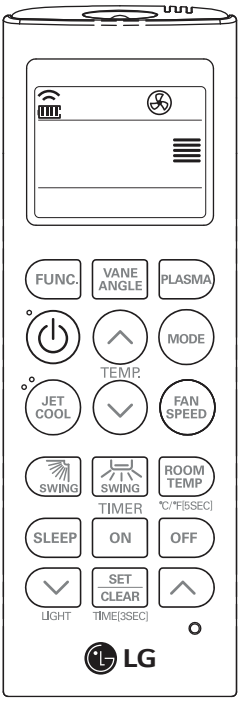


❊ Setting Temp. Range in Heating Mode : 16~30°C (60°F~86°F)

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.



Fan Mode



1 Press the ON/OFF button.
The unit will respond with beep sound.



2 Press MODE button to select Fan Mode.



3 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.



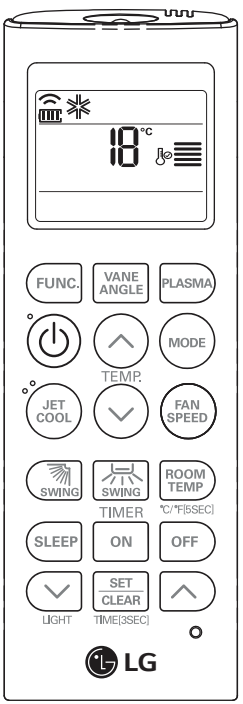
Natural Wind by the chaos Logic

- 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.

During Fan Mode

- The outdoor compressor doesn't work.
  Have a function to circulate the indoor as it sends out the air that doesn't have much temperature di erence with indoor.

Temperature Setting/Room Temperature Checking



We can simply adjust the desired temperature
• Press the buttons to adjust the desired temperature

TEMP. : Increase Temp. per one time pressing

: Decrease Temp. per one time pressing

Room temp: Indicate the current room temperature
Set temp: Indicate the temperature that user want to set

<Cooling Mode>
The cooling mode doesn't work if desired temperature is higher than room temperature Please lower the desired temperature

<Heating Mode>
The heating mode doesn't work if desired temperature is lower than room temperature Please increase the desired temperature

Whenever press ROOM TEMPERATURE button, the room temperature will be displayed within 5 seconds.
After 5 seconds, it turns to display the desired temperature.
Because of location of remote controller, the real room temperature and the this displayed value can be different.

Press ROOM TEMPERATURE button for 5 seconds, temperature unit change Celsius to Fahrenheit or Fahrenheit to Celsius.

Airflow Setting

Up/Down Airflow Direction Control

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

1. Press the ON/OFF button to start the unit.
2. Press UP/DOWN AIRFLOW button and the louvers will swing up and down.
   Press the UP/DOWN AIRFLOW button again to set the vertical louver at the desired airflow direction.



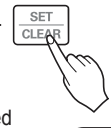
NOTE

- If you press the UP/DOWN AIRFLOW button, the horizontal airflow direction is changed automatically based on the Auto Swing 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.

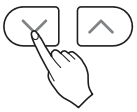
Timer

Setting the Current Time

1. Press the SET / CLEAN button for 3 seconds.



2. Press TIME SETTING buttons until the desired time is set. (If you press down the button for a long time, it will change quickly in the units of 10 min.)



3. Press the SET / CLEAR button.



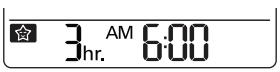
NOTE

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

Sleep Timer Setting

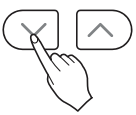
1. Press the TIMER button to turn timer on or off.





Timer Sleep

2. Press TIME SETTING buttons until the desired time is set. (7 hours is the maximum setting)



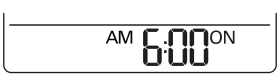
3. Press the SET / CLEAR button.



On Timer Setting

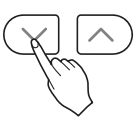
1. Press the ON button to turn timer on or off.





Timer ON

2. Press TIME SETTING buttons until the desired time is set.



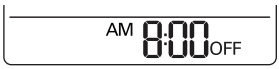
3. Press the SET / CLEAR button.



Off Timer Setting

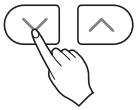
1. Press the OFF button to turn timer on or off .





Timer OFF

2. Press TIME SETTING buttons until the desired time is set.



3. Press the SET / CLEAR button.



To cancel the Timer Setting

- If you wish to cancel all timer setting, press the CLEAR ALL button.

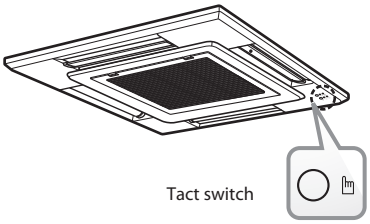


- If you wish to cancel each timer setting, press the each timer button to turn timer sleep or on or off as you want. And then press the SET/CLEAR button aiming the remote controller at the signal receptor. (The timer lamp on the air conditioner and the display will go off .)

Additional Features

Forced Operation

The operation will be started operation if the power button is pressed without remote controller.
If you want to stop operation, re-press the button.



	Cooling Model	Heat pump Model		
		Room Temp. ≥ 24℃	21℃ ≤ Room Temp. < 24℃	Room Temp. < 21℃
Operating mode	Cooling	Cooling	Healthy Dehumidification	Heating
Indoor FAN Speed	High	High	High	High
Setting Temperature	22℃	22℃	Air Intake Temperature	24℃

Auto restart

In case the power comes on again after a power failure, the unit operates automatically to the previous operating conditions.
So there is no need of activating this function by pressing any key or button.
In the initial mode, the fan operates at a low speed and the compressor starts about 3 minutes later.
As the compressor starts, the fan speed also resumes its previous setting mode.

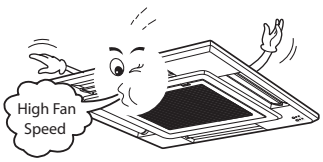
⚠WARNING

: In case of absence for a long time while power failure, turn off main power to avoid undesired Auto restart.

Helpful information

Fan speed and cooling capacity

The cooling capacity indicated in the specification is the value when the fan speed is set to high, and the capacity will be lower at low or medium fan speed. High fan speed is recommended when you wish to cool the room quickly.



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 on Air circulation mode (Refer to page 19) for 2 to 3 hours.
   • This will dry out the internal mechanisms.
2. Turn off the circuit breaker, and disconnect the power cable.

⚠WARNING

: 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.

3. Remove the batteries from the Remote Controller.

When the air conditioner is to be used again.

1. Clean the air filter and install it in the indoor unit.
   (Refer to page 21 for cleaning filters.)
2. 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.

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 if 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.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