ENGLISH

OWNER'S MANUAL

AIR CONDITIONER

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

1-WAY CEILING CASSETTE

MFL67870314
Rev.00_040919

www.lg.com

Copyright © 2014 - 2019 LG Electronics Inc. All Rights Reserved.

TABLE OF CONTENTS

3 SAFETY PRECAUTIONS

7 PRIOR TO OPERATION

7 Preparing for Operation
7 Usage
7 Cleaning and Maintenance
7 Service

8 OPERATING INSTRUCTIONS

8 Name and function of wired remote controller
9 Name and Function of Wireless Remote Controller(Accessory)
10 Standard Operation - Standard Cooling
11 Standard Operation - Power Cooling
11 Standard Operation - Heating Mode
12 Standard Operation - Dehumidification Mode
13 Standard Operation - Fan Mode
14 Standard Operation - Auto Operation Mode
15 Standard Operation - Airflow Setting
16 Standard Operation - Temperature Setting/Room Temperature Check
17 Sub function - Plasma Purification
18 Function Setting - Child Lock
19 Function Setting - Change Temp
20 Function Setting - Filter Sign Clear
21 Function Setting - Vane Angle Control
22 Function Setting - Changing Current Time
24 Programming - Simple Reservation
25 Programming - Weekly Reservation
27 Programming - Sleep Reservation
28 Programming - ON Reservation
30 Programming - OFF Reservation
32 Programming - Holiday Reservation
33 Forced Operation
33 Auto Restart Function

34 MAINTENANCE AND SERVICE

35 When the air conditioner is not going to be used for a long time.
35 Operation Tips
36 Before you call for service...

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 to properties only.

■ 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

- 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 smell 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.
- Contact the authorized service technician for repair or maintenance of this unit.
- Contact the installer for installation of this unit.
- 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.
- The air conditioner should be used only for the applications for which it has been designed : the indoor unit is not suitable to be installed in areas used for laundry.

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. (Grill Type)
- 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.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
  - Children should be supervised to ensure that they do not play with the appliance.

Prior to Operation

Preparing for Operation

1. Contact an installation specialist for installation.
2. Use a dedicated circuit.

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

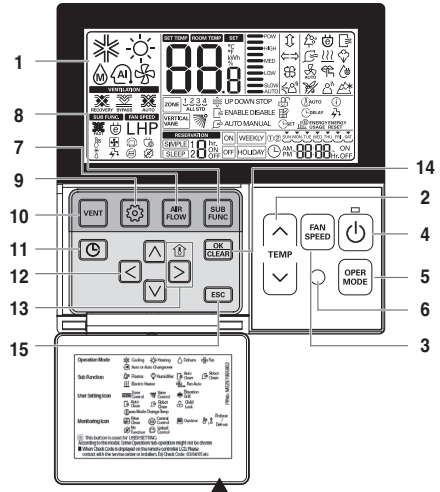
1. Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
2. Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to possible electric shock.
3. When cleaning the unit, first make sure 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.

Operating Instructions

Name and function of wired remote controller



Please attach the inform label inside of the door.
Please choose proper language depend on your country.

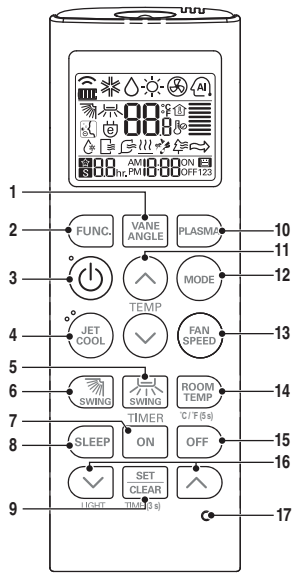
1. **Operation indication screen**
2. **Set temperature button**
   - It will set not room temperature but outlet air temperature.
3. **Fan speed button**
   - Fan Speed have 3 Steps.
   - Middle and Low step is same
4. **ON/OFF button**
5. **Opration mode selection button**
6. **Wireless remote controller receiver**
   - Some products don't receive the wireless signals.
7. **Air flow button**
8. **Subfunction button**
9. **Function setting button**
10. **Ventilation button**
11. **Reservation**
12. **Up,down,left,right button**
    - To check the indoor temperature, press button.
13. **Room temperature button**
    - Displays only the room temperature of the remote controller perception.
    - There is no control of room temperature.
    - In case of fresh air intake unit, displays only the temperature around remote controller.
14. **Setting/Cancel button**
15. **Exit button**

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

※ It will display strange value to the room temperature if wired remote controller is not connected.

Model : PQRCVSL0 (Black Color)
PQRCVSL0QW (White Color)

Name and Function of Wireless Remote Controller(Accessory)



PQWRHQ0FDB (Heat pump)

1. VANE ANGLE Button
Used to set each vane angle.

2. FUNCTION SETTING Button
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 (OPTIONAL)
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 3 sec.)

10. PLASMA Button (OPTIONAL)
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.

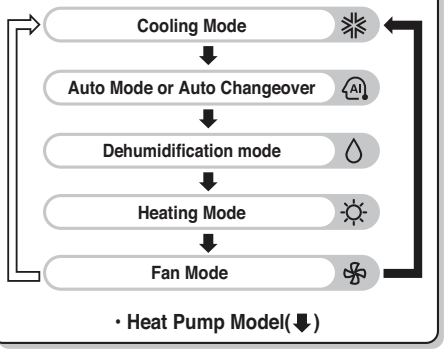
14. ROOM TEMPERATURE CHECKING Button
Used to check the room temperature.

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.

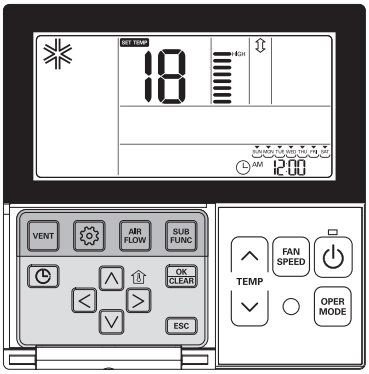
Operation Mode



• Heat Pump Model(⬇)

Standard Operation - Standard Cooling

It cools the room by comfortable and clean wind.



1 Press ⏻ button to turn on the indoor.



2 Press OPER MODE button to select Cooling operation mode.



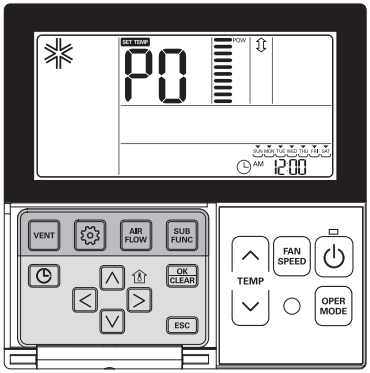
3 Adjust the desired temperature by pressing ∧ ∨ buttons.
Press > button to check the Room temperature.
When setting the desired temperature higher than room temperature, only ventilation wind is blow out instead of cooling wind.



❊ Setting Temp Range : 18 ˚C~30 ˚C (64 ˚F~86 ˚F)

Standard Operation - Power Cooling

It makes the room cool using pleasant and fresh air quickly.



1 Press ⏻ button to trun on the indoor.



2 Press FAN SPEED button to select cooling operation mode.



3 Press FAN SPEED button continuously until 'Po' displayed.



What is Power Cooling?

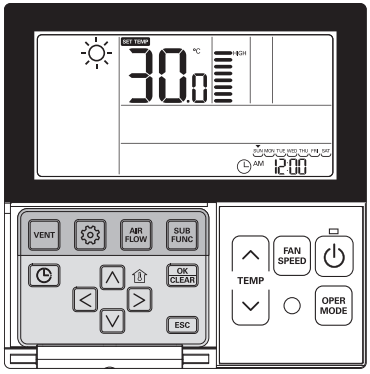
- Desired temperature: Po (actually 18 °C)
- Wind flow: power wind
- Wind direction: fix to air-cooling position

} It make room temperature drop fast by running

❊ Partial product has no power air-cooling function.

Standard Operation - Heating Mode

It supplies warm wind to the indoor.



1 Press ⏻ button to turn on the indoor.



2 Press OPER MODE button to select Heating mode.
(To check the indoor temperature, press the room temperature button.)



3 Adjust the desired temperature by pressing △ ▽ buttons.

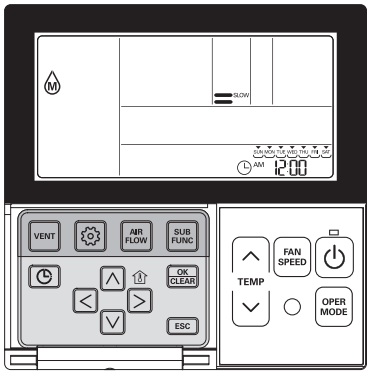
When setting the desired temperature lower than room temperature, there is only ventilation wind.



- Heating drive only operates at the cooling and heating model.
- Heating doesn't operate at cooling exclusive model.

Standard Operation - Dehumidification Mode

It removes humidity while air-cooling weakly.



1 Press ⏻ button to turn on the indoor.



2 Press OPER MODE button to select Dehumidification mode.
The temperature setting can not be adjusted during operation this mode.



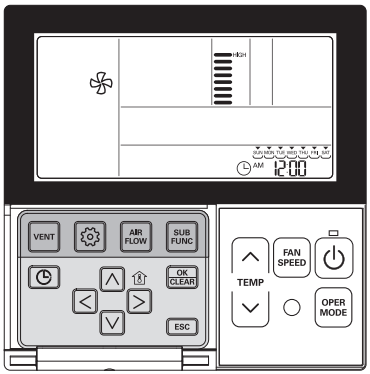
3 Press the FAN SPEED button to select airflow rate feeble → weak → medium → strong → automatic.
(The initial wind powerfulness of humidity removal drive is 'weak'.)



- In rainy season or high humidity climate, it is possible to operate simultaneously dehumidifier and cooling mode to remove humidity effectively.
- The menu item of wind powerfulness might not be partially selected according to the product.

Standard Operation - Fan Mode

It blows the air as it is in the indoor, not the cold wind.



1 Press (⏻) button to turn on the indoor.



2 Press (OPER MODE) button to select Fan Mode.

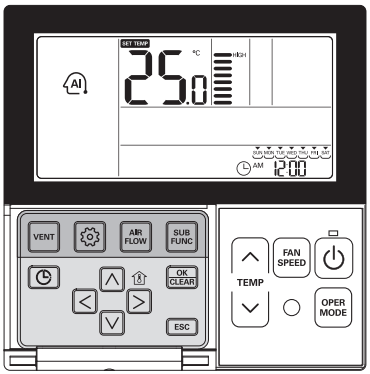


3 Every time pressing (FAN SPEED) button, you can select wind flow in order of feeble → weak → medium → strong → automatic.
When running ventilation, compressor of AHU doesn't work.



- Ventilation drive does not release cool wind but general fan
- Because it releases the wind that has no temperature difference from the room, it functions to circulate the inside air.
- The menu item of wind powerfulness might not be partially selected according to the product.

Standard Operation - Auto Operation Mode



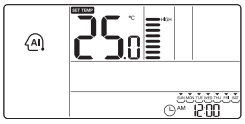
1 Press ⏻ button to turn on the indoor.



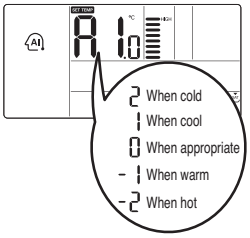
2 Press OPER MODE button to select Artificial intelligence Mode.



3 You can adjust the temperature as the picture on the right for cooling and heating model.



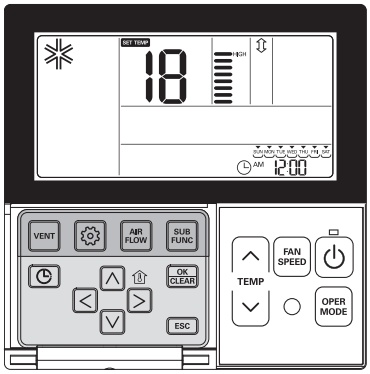
4 For the case of cooling exclusive, as the picture on the right, you can adjust the temperature from hot to cold, from "-2" to "2" based on "00".



During operating Auto Operation mode:

- We can use the FAN SPEED button
- We can change manually to other operation mode.

Standard Operation - Airflow Setting

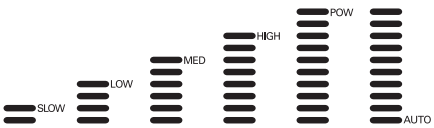


Wind powerfulness : You can simply adjust desired wind powerfulness.

1 Please setup desired wind powerfulness by wind powerfulness button.



- Every time you press wind powerfulness, you can select the wind flow in order of 'feeble → weak → weak medium → medium → medium strong → strong → power → automatic'.
- The menu item might not be partially selected according to product function.
- Please refer to product manual for product's detailed function.



Wind direction : You can simply adjust desired wind direction.

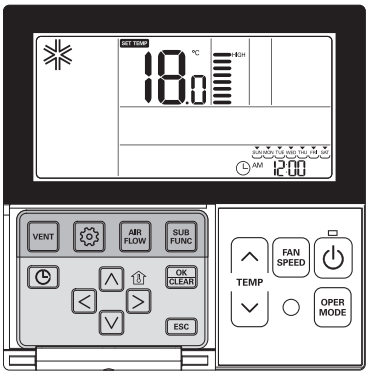
1 Please set desired wind direction by pressing [AIR FLOW] button.



You can select wind direction of (comfortable wind → Up/Down and Right/Left → Right/Left → Up/Down) by pressing [AIR FLOW] button.
Partial item of wind directions might not be selected according to product function.
Please refer to product manual for product's detailed function.



Standard Operation - Temperature Setting/Room Temperature Check



Temperature Setting

1 We can simply adjust the desired temperature.

- Press the ∧ ∨ buttons to adjust the desired temperature.

∧ : Increase 1 ˚C or 2 ˚F per one time pressing

∨ : Decrease 1 ˚C or 2 ˚F per one time pressing

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

❊ Depend on what kind of controller, the desired temperature can be adjusted at 0.5 ˚C or 1 ˚F.

Cooling operation:

- The cooling mode doesn't work if desired temperature is higher than room temperature Please lower the desired temperature.

Heating operation:

- The heating mode doesn't work if desired temperature is lower than room temperature Please increase the desired temperature.

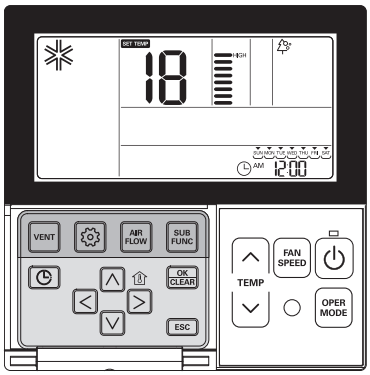
Room Temperature Check

1 Whenever press ⇧ > 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

- For air-cooling drive, from 18 °C to 30 °C, and for heating drive, from 16 °C to 30 °C, you can select desired temperature.
- 5 °C is proper for the difference between room and outside temperature.

Sub function - Plasma Purification

Only products with humidifying function can use this.



The method to setup cleaning air

1 Repeat pressing SUB FUNC button until icon flash.



2 Operate or cancel Plasma Purification function by pressing OK CLEAR button.
(icon appears/disappears on SUB FUNCTION display part up to selection)



3 After setting, press ESC button to exit.

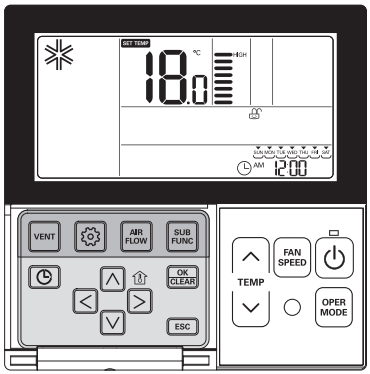


❊ After setup, it automatically gets out of setup mode if there is no button input for 25 seconds.
❊ When exiting without pressing set button, the manipulated value is not reflected.

- Cleaning air function is additional function and it might not be indicated or operated at the partial product.
- Cleaning air function is possible only when product is running.
- If you want independent cleaning air drive, please setup cleaning air by pressing additional drive button at ventilation drive.

Function Setting - Child Lock

It is the function to use preventing children or others from careless using.



1 Press [⚙] button repeatedly until the 🔒 is flashing.



2 If moving to 'setup' icon area by using [<] [>] button, 'setup' icon blinks, and child lock function is setup if pressing [OK CLEAR] button at that time.



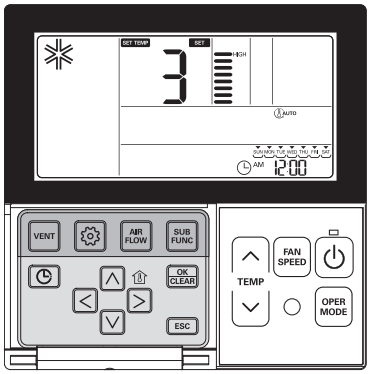
3 When cancelling lock function, if moving to 'cancel' icon by pressing [<] [>] button and then, pressing [OK CLEAR] button, child lock function is cancelled.

4 Press [ESC] button to exit.

- ❊ After setup, it automatically gets out of setup mode if there is no button input for 25 seconds.
- ❊ When exiting without pressing set button, the manipulated value is not reflected.

Function Setting - Change Temp

Change temperature is the function to setup air-cooling and heating drive automatically changeable according to the temperature at artificial intelligence drive mode.



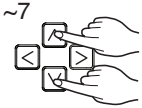
1 Repeat pressing ⚙ button until AUTO icon flash.



2 Press ∧ ∨ button to change.

❊ Converting temp value : 1~7

1 ➜ 3



3 Press ESC button to complete and active the setting process.

3



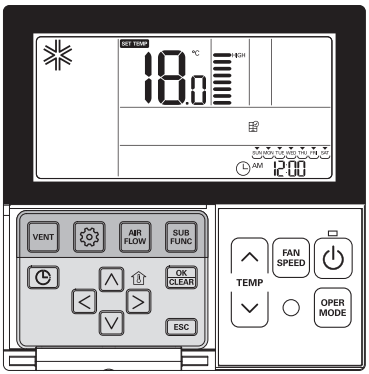
4 Press ESC button to exit or system will automatically release without any input after 25 seconds.

❊ When exiting without pressing set button, the manipulated value is not reflected.



Function Setting - Filter Sign Clear

This function is to clear the indicator of indoor filter cleaning.



1 Press ⚙ button repeatedly until the ▦ is flashing.



2 When the ▦ is flashing, press the OK CLEAR to clear this display

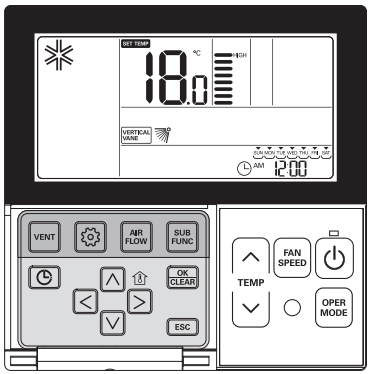


- When filter is covered by dust, it will reduce cooling/heating efficiency and accumulate more electric power. Therefore. do clean the filter whenever cleaning time is expired.

❊ Filter cleaning indication is automatically cancelled without the separate cancellation after certain period of time.

Function Setting - Vane Angle Control

This function is to adjust angle at which airflow is blow out.



1 Repeat pressing ⚙ button until ≋ icon flash.



2 Press ∧ ∨ button to select active vane : 1 / 2 / 3 / 4 / All / Standard
Select Vane number using < > buttons.
❊ Vane number : No. 1, 2, 3, 4, all, or standard
- Selected vane is in operation.
- Please verify the operating vane.
- To set the angle of all the vanes, select 'all'.
- To set as the factory default settings, select 'standard'.

3 Select wind angle using ∧ ∨ button, and press OK CLEAR button.
- The boundary of wind angle settings can be changed to 5 levels or 6 levels according to the product.
- When selecting 'standard' for Vane number, the wind angle does not move.

4 Set the wind angles for the remaining vanes as the same as above.
❊ There are products with vanes with no. 1 and no. 2 only according to the product types.

5 Press ESC button to exit.
❊ After setup, it automatically gets out of setup mode if there is no button input for 60 seconds.
❊ When exiting without pressing set button, the manipulated value is not reflected.



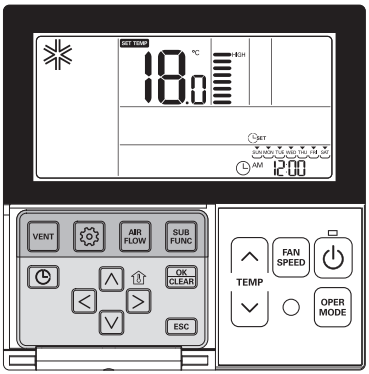
6 Press OK CLEAR button to complete and active the setting process.
(Airflow direction function will be released whenever setting vane angle)



7 Press ESC button to exit or system will automatically release without any input after 25 seconds.



Function Setting - Changing Current Time



1 Please press function setup button. If pressing function setup button repeatedly, it moves to time setup menu. 'Time setup' icon is indicated at that time and date blinks at current time indication area.



Ex) Changing Current Time as 'Monday / AM 10:20'.

2 Press [<] [>] key to adjust the current day.



3 Press [v] key to move to AM/ PM setting mode (the 'AM/ PM segment will flash).



4 Setting AM/ PM value by pressing [^] [v] button.

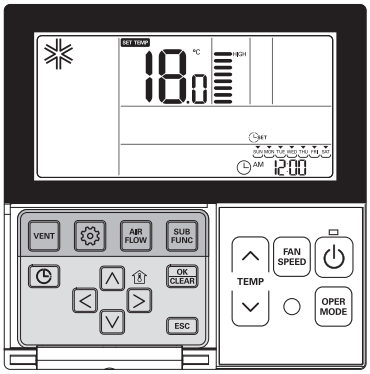


5 Press [<] [>] button to move to 'Hour' setting mode. (the 'Hour' segment will flash)



6 Setting Hour value by pressing [^] [v] button.





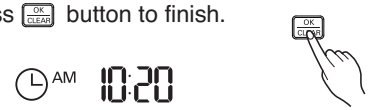
7 Press ◁ ▷ button to move to 'Minute' setting mode. (the 'Minute' segment will flash)



8 Setting Minute value by pressing △ ▽ button.



9 Press OK CLEAR button to finish.



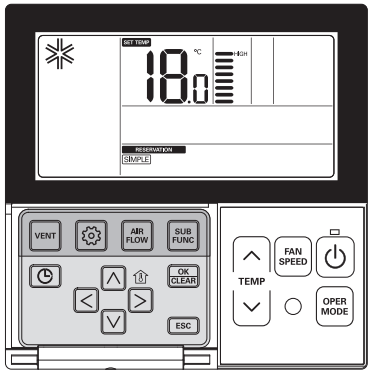
10 In the process, press ESC button to release and exit from setting mode.
(In case of exit with incomplete information, it will return to the previous setting)



❊ When exiting without pressing set button, the manipulated value is not reflected.

Programming - Simple Reservation

You can set the reservation conveniently in the units of 1 hour from 1 hour to 7 hours.



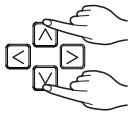
1 Press [⏲] button to enter the Programming mode.
(the [SIMPLE] segment flashing)



Ex) Setting Simple Reservation time as '3'.

2 Press [∧] [∨] button to adjust reservation time.





3 Press [OK CLEAR] button to finish setting.





4 Press [ESC] button to exit.

❊ After setup, it automatically gets out of setup mode if there is no button input for 25 seconds.

❊ When exiting without pressing set button, the manipulated value is not reflected.

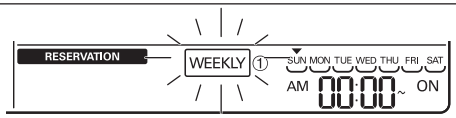
❊ When simple reservation setup, product automatically runs or stops after the time that is set.

Programming - Weekly Reservation

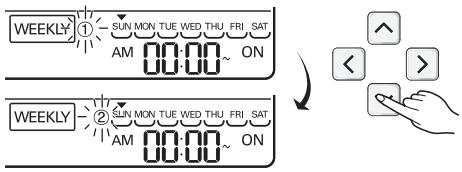
You can set the daily reservation in weekly unit.
Weekly reservation keeps operating until before you cancel it once you setup.

1 Please move to reservation setup mode by pressing reservation button.
❊ You can setup two weekly reservations for one day, and up to fourteen reservations for a week.
For example, to setup (Tuesday morning 11:30 turned on ~ afternoon 12:30 turned off), you setup in order below.

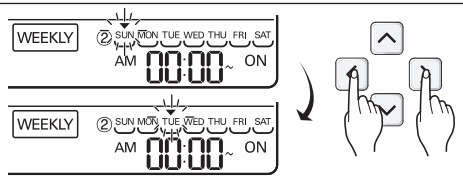
2 Please move to 'weekly' by repeatedly pressing reservation button. 'Weekly' blinks at this time.



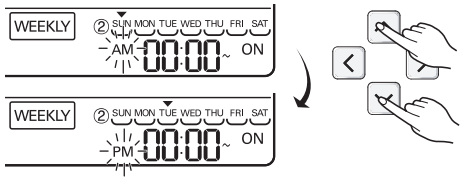
3 Please select weekly reservation or weekly reservation ¡ by using ∧ ∨ button.
❊ You can setup two reservations, weekly reservation 1 and weekly reservation 2, for a day.



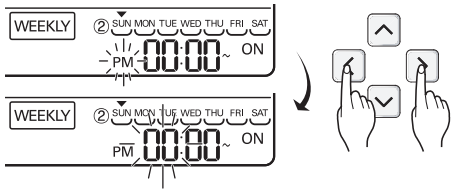
4 Please move to 'date' setup part by using < > button. If 'date' indication blinks, please setup date. You can setup date from Monday to Sunday.



5 Please move to 'AM/PM' setup part of turning on by using ∧ ∨ button.



6 Please move to 'hour' setup part of turning on by using < > button.
- It is the part to setup the time at which air-conditioner is turned on.

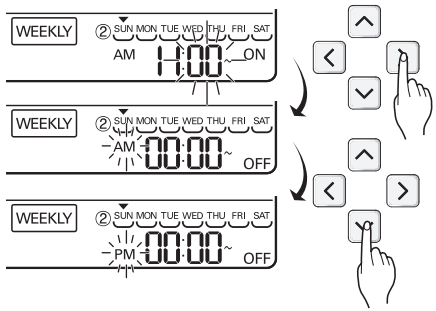


7 Please change time by using ∧ ∨ button.
- You can setup hour 0~12.

8 Please move to 'minute' setup part of turning on by using > button.

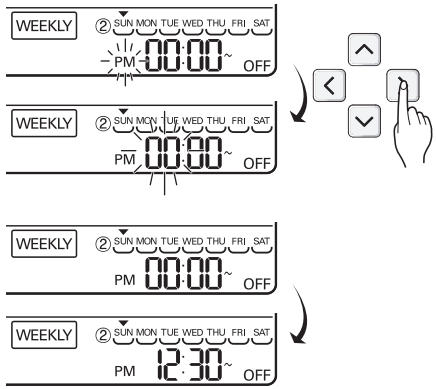
9 If 'minute' indication blinks, please setup 'minute' by using ∧ ∨ button

10 Please move to 'AM/PM' setup part of turning off by using [>] button.
- AM/PM setup is identical with turning on time setup.



11 Please move to 'hour' setup part of turning off by using Right button.
- It is the part to reserve the time at which air-conditioner is turned off.
- If 'hour' indication blinks, please setup 'hour'.

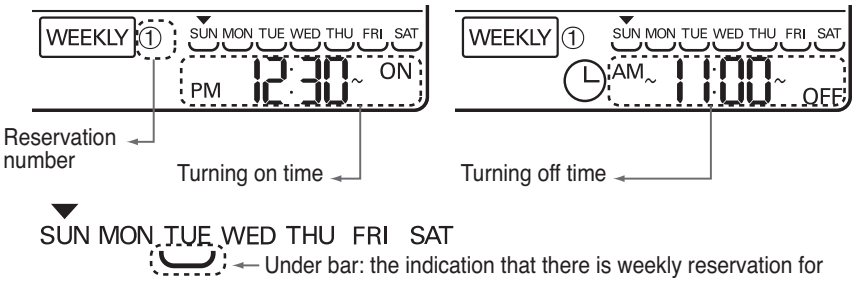
❊ Please setup 'hour' and 'minute' identically with the method to setup turning on time.



12 If finishing weekly reservation setup, please press setup/cancellation button. Weekly reservation setup for the day that you set is finished.

13 If you setup with the method identical with above by selecting the day that you'd like to setup, it operates weekly reservation.
If you setup both turning on reservation time and turning off reservation time identically, it doesn't operate reservation drive.

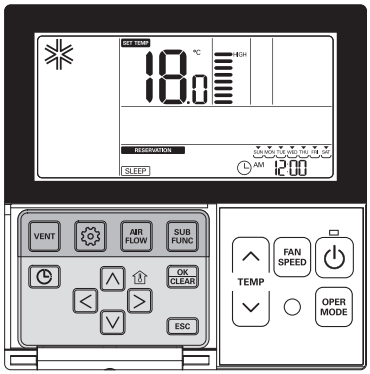
Weekly reservation explanation



❊ Indoor unit is turned on to desired temperature if it is configured using up/down button during preset of weekly operation time. (Temperature selection range : 18 ℃~30 ℃)
- When desired temperature is not set, it is turned on automatically with desired temperature of previous operation.

Programming - Sleep Reservation

Sleep reservation is the function of air-conditioner to run and stop after certain period of time at sleep mode before sleep. When connected to a ventilation product and set the sleep reservation, when it goes to the sleep mode, after the set time has elapsed.

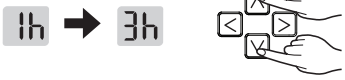


1 Press [⏲] button to enter the Programming mode.
Ex) Setting Sleep Reservation time as '3'.



2 Repeat pressing [⏲] button to enter the SLEEP reservation setting mode.
([SLEEP] segment flashing)

3 Press [∧][∨] button to adjust reservation time.
The SLEEP reservation time is from 1 to 7 hours.



4 Press [OK CLEAR] button to finish setting. Whenever reservation is done.



5 Press [ESC] button to exit.
- ❊ After setup, it automatically gets out of setup mode if there is no button input for 60 seconds.
- ❊ When exiting without pressing set button, the manipulated value is not reflected.
  - If reservation is setup, 'sleep' indication shows up at the lower part of LCD screen.

6 If finishing sleep reservation setup, air-conditioner product operates sleep drive and stops after the time that is set.

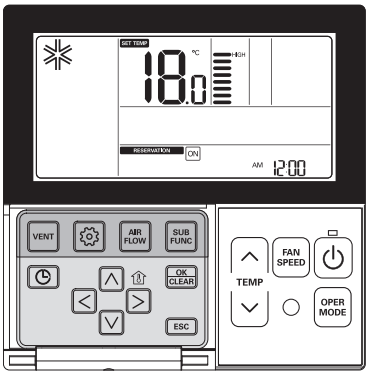
⚠ CAUTION

Please reserve proper time at sleeping. (Too much air-cooling is not good for your health.)

- Because it automatically adjusts desired temperature for comfortable air-cooling at sleep drive, there could be difference between remote controller's desired temperature and air-conditioner body's desired temperature.
- Sleep reservation operates as off reservation for the product whose temperature adjustment isn't controlled by unit of 0.5 °C.

Programming - ON Reservation

Automatically turned On at reserved time that you set.



1 Press [clock] button.

Ex) Setting ON Reservation Time as 'AM 10:20'.

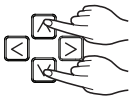


2 Repeat pressing [clock] button to enter the ON reservation setting mode.
([ON] segment flashing)



3 Press [∧] [∨] button to adjust AM/ PM setting.

AM 12:00

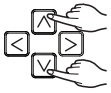


4 Press [<] [>] button to Hour setting mode. When the Hour icon flash, please setting time.
The setting range is within 1~12.

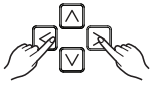
AM 12:00



AM 10:00

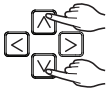


5 Press [<] [>] button to shift to Minute setting mode. When the Minute icon flash, please setting minute the setting range is within 00~59.



AM 10:00

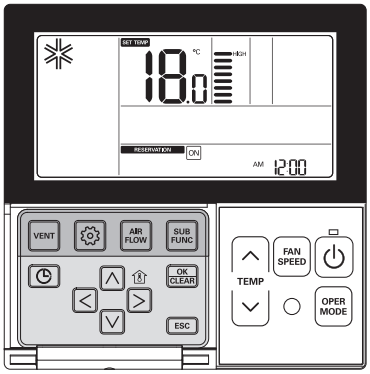
AM 10:20



6 Press [OK CLEAR] button to finish setting.

AM 10:20



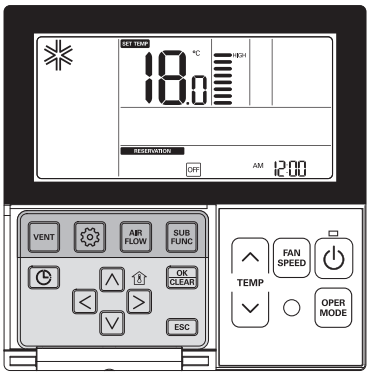


7 Press ESC button to exit.

- ❊ After setup, it automatically gets out of setup mode if there is no button input for 25 seconds.
- ❊ When exiting without pressing set button, the manipulated value is not reflected.
  - If reservation is set, 'turned on' indication shows up at the lower part of LCD screen, and air-conditioner product runs at the time that is set.
  - If reservation is cancelled, 'turned on' indication disappears.

Programming - OFF Reservation

Automatically turned Off at reserved time that you set.



1 Press ⏲ button.

Ex) Setting OFF Reservation Time as 'AM 10:20'.

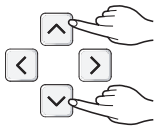


2 Repeatedly pressing ⏲ button to enter the OFF reservation setting mode.
(OFF segment flashing)



3 Press ∧ ∨ button to adjust AM/ PM setting.

AM 12:00

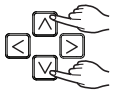


4 Press < > button to shift to Hour setting mode. When the Hour icon flash, please setting time.
The setting range is within 1~12.

AM 12:00



AM 10:00

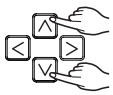


5 Press < > button to shift to Minute setting mode. When the Minute icon flash, please setting minute the setting range is within 00~59.

AM 10:00



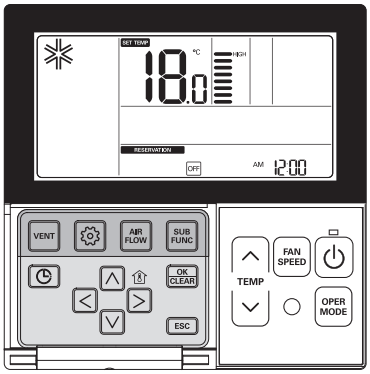
AM 10:20



6 Press OK CLEAR button to finish setting.

AM 10:20



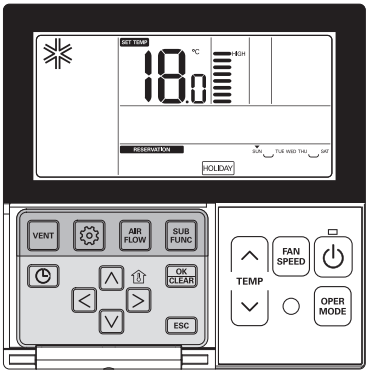


7 Press ESC button to exit.

- ❊ After setup, it automatically gets out of setup mode if there is no button input for 25 seconds.
- ❊ When exiting without pressing set button, the manipulated value is not reflected.
  - If reservation is set, 'turned off' indication shows up at the lower part of LCD screen, and air-conditioner product runs at the time that is set.
  - If reservation is cancelled, 'turned off' indication disappears.

Programming - Holiday Reservation

It automatically stops at reserved day that you set.



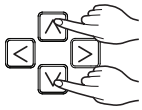
1 Please press [⏲] button.
It enters into reservation setup mode.



2 Please move to 'holiday' by repeatedly pressing [⏲] button.



3 Please move to 'date' that you want to setup holiday by using [<] [>] button.





4 Please appoint or cancel holiday by using [∧] [∨] or [OK CLEAR] button.
For example, when you setup Monday/Friday to holiday
- 'Monday', 'Friday' letter disappears.

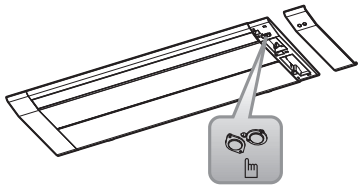


5 Please press [ESC] button if finishing holiday setup.

❊ If it comes to appointed holiday, air-conditioner automatically stops. Once you setup holiday appointment, until before you cancel holiday setup, air-conditioner automatically stops within one hour even though you run air-conditioner.

Forced Operation

Operation procedures when the remote control can't be used.
Press the tact switch (forced operation) for 2 seconds.
If you want to stop operation, press again the tact switch.
In case the power comes on again after power failure on the forced operation mode, the operating conditions are automatically set as follows:
During forced operation, the initial mode continues.



Forced operation
(Tact switch)

	Cooling model	Heat pump model	
		Room temperature ≥ set temperature -2 °C	Room temperature < set temperature -2 °C
Operating mode	Cooling	Cooling	Heating
Indoor fan Speed	High	Set available	Set available
Setting temperature	22 °C	Set available	Set available

Auto Restart Function

In case the power comes on again after a power failure, auto restarting operation is the function to operate procedures automatically to the previous operating conditions.

Maintenance and Service

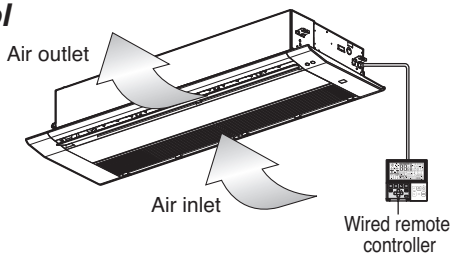
⚠ CAUTION

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

Grille, Case, and Remote Control

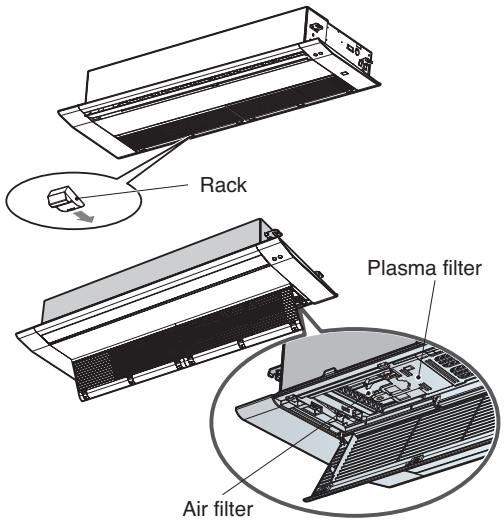
❑ Turn the system off before cleaning. To clean, wipe with a soft, dry cloth. Do not use bleach or abrasives.

NOTICE Supply power must be disconnected before cleaning the indoor unit.



Air Filter

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



TU chassis : 4 EA Rack

❑ 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 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. Remove plasma filter.

❑ Unscrew 2 screws from plasma filter.

3. 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.

4. 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.

5. Install plasma filter and air filter.

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

When it 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.
   - This will dry out the internal mechanisms.
2. **Turn off the breaker.**

⚠ CAUTION

Turn off the 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 electiric 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.**
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 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 then.

Before you call for service...

Troubleshooting Tips! Save time and money!

Check the following points before requesting repairs or service.... If the malfunction persist, please contact your dealer.

The air conditioner does not operate.	The room has a peculiar odor.	It seems that condensation is leaking from the air conditioner.	Air conditioner does not operate for about 3 minutes when restart.
• Have you made a mistake in timer operation? • Has the fuse blown or has the circuit breaker been tripped?	• Check that this is not a damp smell exuded by the walls, carpet, furniture or cloth items in the room.	• Condensation occurs when the airflow from the air conditioner cools the warm room air.	• This is the protector of the mechanism. • Wait about three minutes and operation will begin.
Does not cool or heat effectively.	**The air conditioner operation is noisy.**	**Crack sound is heard.**	**Remote control display is faint, or no display at all.**
• Is the air filter dirty? See air filter cleaning instructions. • 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? • Are the indoor unit's air inlet or outlet vents obstructed?	• 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.	• This sound is generated by the expansion/ constriction of the front panel, etc. due to changes of temperature.	• Are the batteries depleted? • Are the batteries inserted in the opposite (+) and (-) directions?

NOTICE

WATER RESISTANT: The outdoor side of this appliance is WATER RESISTANT.
The indoor side is not water resistant and should not be exposed to excess water.


LG
Life's Good