



OWNER'S MANUAL

AIR CONDITIONER

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

SINGLE PACKAGE TYPE AIR CONDITIONER



MFL67445919
Rev.07_121724

www.lg.com

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TIPS FOR SAVING ENERGY

Here are some tips that will help you minimize the power consumption when you use the air conditioner. You can use your air conditioner more efficiently by referring to the instructions below:

- Do not cool excessively indoors. This may be harmful for your health and may consume more electricity.
- Block sunlight with blinds or curtains while you are operating the air conditioner.
- Keep doors or windows closed tightly while you are operating the air conditioner.
- Adjust the direction of the air flow vertically or horizontally to circulate indoor air.
- Speed up the fan to cool or warm indoor air quickly, in a short period of time.
- Open windows regularly for ventilation as the indoor air quality may deteriorate if the air conditioner is used for many hours.
- Clean the air filter once every 2 weeks. Dust and impurities collected in the air filter may block the air flow or weaken the cooling / dehumidifying functions.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities may be different or reduced, or lack of experience or knowledge, unless such persons are supervision or training to operate the appliance by a person responsible for their safety. Children should be supervised to ensure they do not use the devices as a toy.

- **WARNING** : Before accessing the terminals, all supply circuits must be disconnected.
- **WARNING** : Media should be incorporated disconnecting the fixture according to the rules installation.
- **WARNING** : This device is not accessible to the public generally
- **WARNING** : The appliance must be installed according to national regulations for electrical installations.

Capacity	Model	Power Supply
7.5 RT	AK-W090LH00, AK-W110LH00, AK-Q090LH01, AK-Q110LC01	380~415 V 3N~ 50/60 Hz
10 RT	AK-W120LH00, AK-W130LH00, AK-Q120LH01, AK-Q130LC01	380~415 V 3N~ 50/60 Hz
12.5 RT	AK-W150LH00, AK-W160LH00, AK-Q150LH01, AK-Q160LC01	380~415 V 3N~ 50/60 Hz
15 RT	AK-W180LH00, AK-W200LH00, AK-Q180LH01, AK-Q200LC01	380~415 V 3N~ 50/60 Hz
20 RT	AK-W240LH00, AK-W270LH00 AK-Q240LH00, AK-Q270LC00 AK-Q240LH01, AK-Q270LC01	380~415 V 3N~ 50/60 Hz
25 RT	AK-W300LH00, AK-W320LH00 AK-Q300LH00, AK-Q320LC00 AK-Q300LH01, AK-Q320LC01	380~415 V 3N~ 50/60 Hz

For your records

Staple your receipt to this page in case you need it to prove the date of purchase or for warranty purposes. Write the model number and the serial number here:

Model number : _____

Serial number : _____

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

Dealer's name : _____

Date of purchase : _____

SAFETY INSTRUCTIONS

The following safety guidelines are intended to prevent unforeseen risks or damage from unsafe or incorrect operation of the appliance.

The guidelines are separated into 'WARNING' and 'CAUTION' as described below.



This symbol is displayed to indicate matters and operations that can cause risk. Read the part with this symbol carefully and follow the instructions in order to avoid risk.



WARNING

This indicates that the failure to follow the instructions can cause serious injury or death.



CAUTION

This indicates that the failure to follow the instructions can cause the minor injury or damage to the product.



WARNING

- Installation or repairs made by unqualified persons can result in hazards to you and others.
- Installation shall be in accordance with national standards of electrical appliances.
- 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.



PRECAUTION

- 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.

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 circuit breaker.
 - Improper wiring or installation may cause fire or electric shock
- Use the correctly rated circuit breaker or fuse.
 - There is risk of fire or electric shock.
- Use the specified wires to connect the unit.
 - 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.
- 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.
- If the power cord is damaged it must be replaced by the manufacturer or its authorized service agent in order to avoid any risk.

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 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 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 circuit 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 panel of the product during operation. (If the unit has the electrostatic filter, Do not touch it.)
 - 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, turn off the circuit 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 unit.
 - This could result in personal injury and product damage.

CAUTION

Installation

- Always check for gas (refrigerant) pressure 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.
- Don't use 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.
- If anyone other than a licensed Professional installs, repairs, or alters LG Electronics Air Conditioning Products, the warranty is voided
 - All costs associated with repair are then the full responsibility of the owner.
- Do not install the unit in potentially explosive atmospheres.

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 four 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.

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PRIOR TO OPERATION

Preparing for Operation

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

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

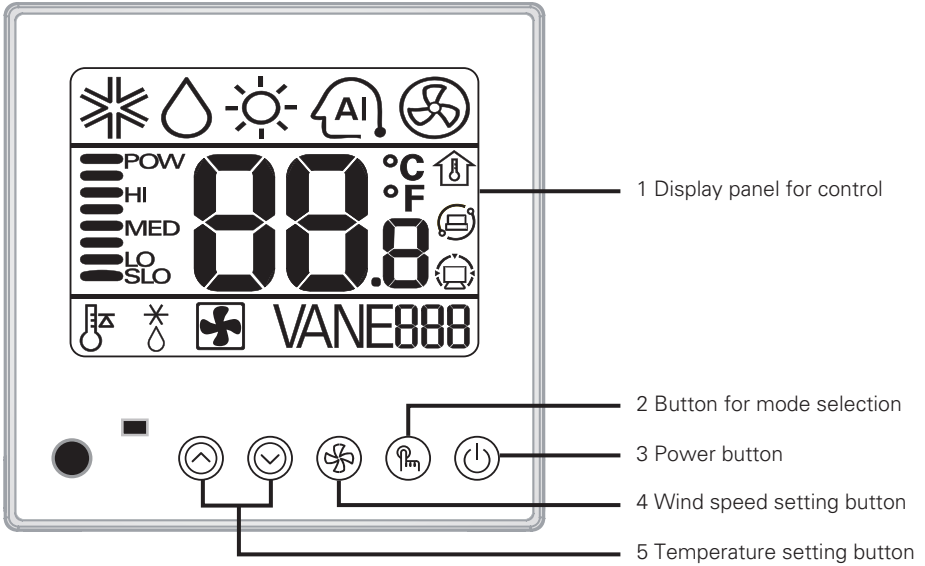
- 1 Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
- 2 Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to possible electric shock.
- 3 When cleaning the unit, first make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

WIRED REMOTE CONTROLLER : STANDARD

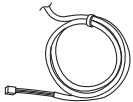
The type and supply method of remote controller may vary depending on the sales policy.



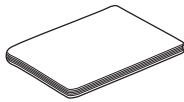
When the wired controller is powered on, all function icons will be displayed on the display panel for three seconds.

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

Accessory



Connection Cable
(1EA, 10m)

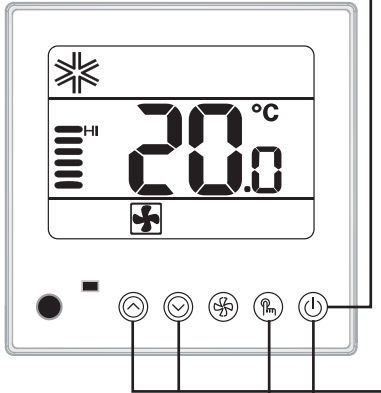






Owner's / Installation
manual

OPERATING INSTRUCTIONS

Cooling Mode - Standard Operation

It cools the room by comfortable and clean wind.



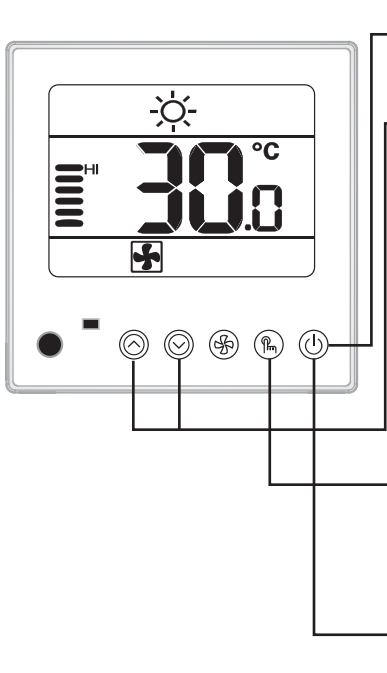
- 1 Press the  button to start the cooling operation.
- 2 Press the temperature button and set the desired temperature below the room temperature.
 -  — Press the button once to increase the desired temperature by 0.5 °C or 1 °C
 -  — Pressing the button once will decrease the desired temperature by 0.5 °C or 1 °C
 - Temperature setting range:
18 °C ~ 30 °C (64 °F ~ 86 °F)
 - If the set temperature is higher than the room temperature, the cooling function will not be turned on and the air supply mode will run.
- 3 Pressing the mode button in operation will change the cooling, dehumidification, heating, automatic operation and air supply modes. If the product is a single-cooling model, the operation mode will be changed to cooling, dehumidification, automatic operation and air supply modes.
- 4 Press the  key to stop cooling






NOTE

- * **Common** - Setting Temp Range : 18 °C~30 °C (64 °F~86 °F)
- * **UAE Only** - Setting Temp Range : 20 °C~30 °C (68 °F~86 °F)

Heating Mode(Heat pump model only)

It supplies warm air to the room.



- 1** Press the  key to run the machine, then press the  key to select the heating mode.
- 2** Set the desired temperature to be higher than the current room temperature.
 -  — Pressing the button once will increase the desired temperature by 0.5 °C or 1 °C
 -  — Pressing the button once will decrease the desired temperature by 0.5 °C or 1 °C
 - Temperature setting range:
16 °C ~ 30 °C (60 °F ~ 86 °F)
 - If the set temperature is lower than the current room temperature, the heating function will not be turned on.
- 3** If pressing the mode button at run time, the operation mode will be changed into cooling, dehumidification, heating, automatic operation or air supply modes.
- 4** Press the  key to stop cooling

What is the three-minute delay function?

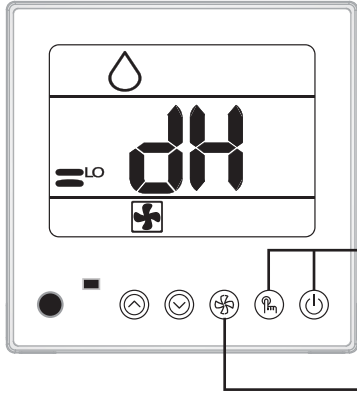
It provides time for the product to blow out hot air. The delay is to protect the compressor. When the compressor starts running after three minutes, hot air will be blown in the room for heating.




NOTE

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

Dehumidification Mode

It removes humidity while air-cooling weakly.

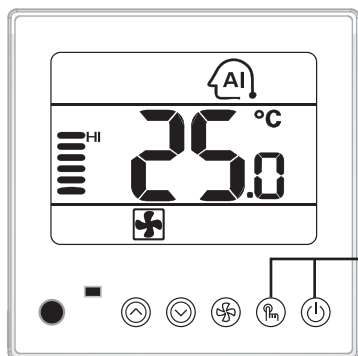


- 1 Press the  key to run the machine, press the  key to select the dehumidification mode.
- 2 When dehumidification mode is selected, "dH" will be displayed in the window as shown on the left figure.
- When this mode is running, the temperature setting cannot be adjusted.
- 3 Press  button to select wind speed.
[Low → Medium → High]
- The initial minimum wind speed for dehumidifying is **Low**.

NOTE

- 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.

Auto Operation Mode



1 Press the key to run the machine, then press the key to select the automatic operation mode.

2 "Automatic mode switch" – the heat pump mode only In the automatic operation mode, when the set temperature is higher than the indoor temperature:

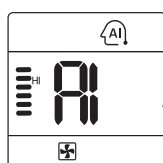
→ DHW heating operation
[The Heat Pump Mode Only]

In the automatic operation mode, when the set temperature is lower than the indoor temperature:

→ Cooling operation

- Temperature setting range:
18 °C ~ 30 °C (64 °F ~ 86 °F)

3 When the product is in the "Automatic Operation Mode", the "Wireless Controller" will display "AI".



2 Cold
1 Cool
00 Comfortable
- 1 Warm
- 2 Hot

NOTE

"Auto Change Over Mode" - heat pump model only when desired the set temperature is higher than the room temperature during the auto operation => heating operation (**for Heat pump models only**).

When desired the set temperature is lower than the room temperature during the auto operation

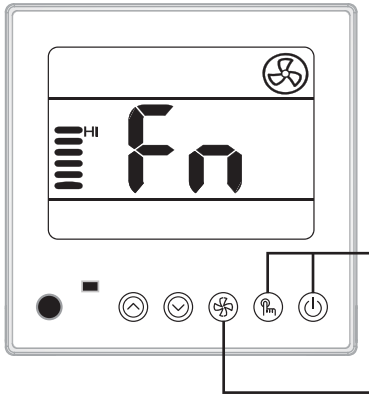
⇒ Cooling operation

* **Common** - Setting Temp Range : 18 °C~30 °C (64 °F~86 °F)

* **UAE Only** - Setting Temp Range : 20 °C~30 °C (68 °F~86 °F)

Fan Mode

It blows the air without cold air.



1 Press the ⏻ key to run the machine, then press the 🌀 key to select the air supply mode.

2 When the air supply mode is selected, "Fn" will be displayed in the window as shown on the left figure.

- The temperature cannot be adjusted under this mode.

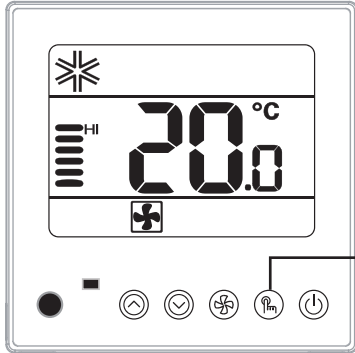
3 Press ⚙️ button to select wind speed.
[Low → Medium → High]



NOTE

- 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.

Selection of Air Flow speed

This function is used to set the speed of the fan.



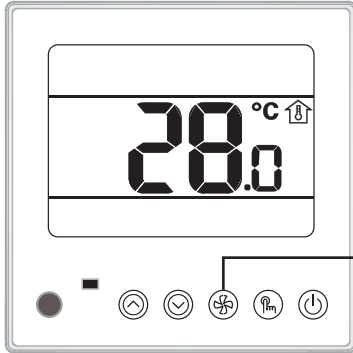
- 1 Press the  key to select the desired air flow.
 - Pressing the  key will cause the air flow speed changes in the following order.
[Low → Medium → High]
 - The initial air flow speed is "High"
 - Incompatibility between the product and air flow speed control will hinder the function you selected.


Selection of Air Flow speed in heating, cooling, dehumidification, and ventilation mode.



Air Flow speed options will vary in different products.

Room temperature detection



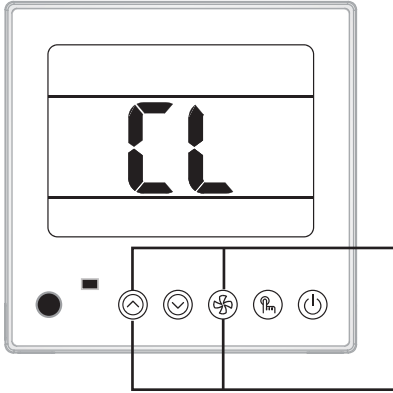
1 If pressing the  key for more than 3 seconds, the room temperature will be displayed for 5 seconds before returning to the previous display.



The room temperature may be different in temperature display depending on the setting of the room temperature sensing position of the wired controller.

- Due to the different installation positions of the wired controller, the actual sensing temperature and the room temperature displayed on the controller may differ slightly.

Function setting : Child Lock



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





1 Pressing the  key and  key at run time for more than 3 seconds can turn on the child lock function.

- CL will be shown in the temperature display part for 3 seconds before returning to the previous mode in the initial setting of the child lock.

If pressing other keys after CL setting, the function cannot be recognized, and CL is displayed for 3 seconds.

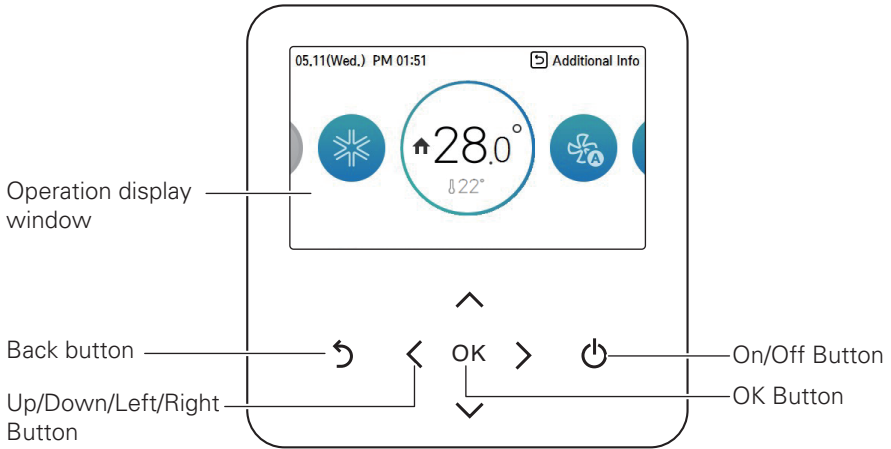
2 If want to use the lock function during standby, pressing the  key and  key for more than 3 seconds can enter the child lock function of the system.

3 Cancellation method: pressing the  key and  key for more than 3 seconds can cancel the child lock.

WIRED REMOTE CONTROLLER : STANDARD III

Accessories are provided as an option after purchase separately.

The type and supply method of remote controller may vary depending on the sales policy.



Operation display window	Operation and Settings status display
Back button	When you move to the previous stage from the menu's setting stage
Up/down/left/right button	When you change the menu's setting value
OK button	When you save the menu's setting value
On/Off button	When you turn ON/OFF the air conditioner

OPERATING INSTRUCTIONS

Operation mode

You can easily control the desired operation mode.

In the main screen, press [<, >] (left/right) button to select the operation mode or home leave or hold category, and press [^, v] (up/down) button to set the operation mode.

* Some products may not support some operation modes.

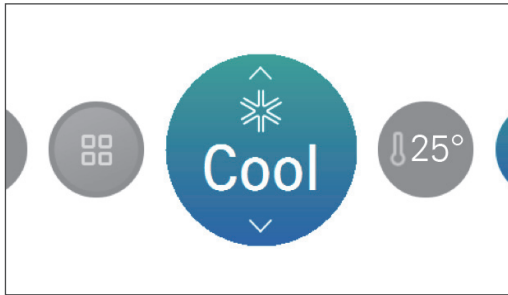
Mode	Description
Cool	Cool the room to the desired temperature.
Dry	It removes the moisture with cooling.
Heat	Heats the room to the desired room temperature.
Auto	The product automatically provides the appropriate fan speed based on the temperature of the room.
Fan	Fan only operation, no cooling or heating.

Cooling Operation

Cooling operation's minimum setting temperature is 18 °C (20 °C).

For some types of the indoor units, the desired temperature can be controlled in the units of 1 °C or 0.5 °C.

- Set the desired temperature lower than the indoor temperature.
- Indoor temperature is displayed on the default screen of the remote controller.
- If the setpoint is set higher than the room temperature, then the unit will remain in the cool mode but will not begin to cool until the room temperature exceeds the setpoint.
- If your unit is operating in cooling mode and you press the [On/Off] button the cooling operation will shut off.



What is 3 minute delay function?

After the cooling stops, when the product is started right away, the reason that the cold wind does not come out is that it is the function to protect the compressor.

The compressor starts after 3 minutes and the cold wind comes out.

NOTE

The compressor starts after 3 minutes and the cold wind comes out.

In the cooling operation, you can select the desired temperature in the range of 18 °C ~ 30 °C (20 °C ~ 30 °C).

The favorable temperature difference between the indoor temperature and the outdoor temperature is 5 °C.

Cool mode temperature setting range

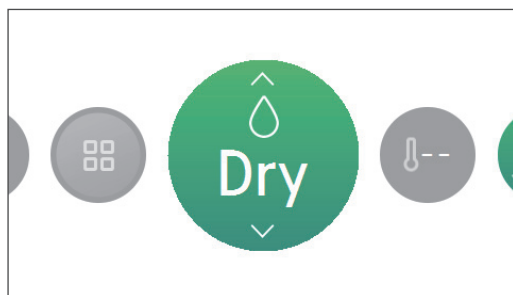
- **Common** - Setting Temp Range : 18 °C~30 °C (64 °F~86 °F)
- **UAE Only** - Setting Temp Range : 20 °C~30 °C (68 °F~86 °F)

Dry Operation

Dry operation's initial fan speed is "Low".

Dry operation does not have a separate desired temperature.

- If you unit is operating in dehumidification mode and you press the [On/Off] button the dehumidification operation will shut off.



NOTE

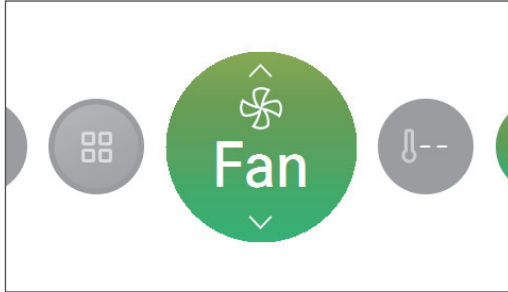
If you use it in the rainy season, or when the humidity is high, you can have both the effective dehumidification and cooling operation at the same time.

Fan Only Operation

Fan only operation's initial wind strength is "High".

Fan only operation does not have a separate desired temperature.

- If you unit is operating in fan only mode and you press the [On/Off] button the the unit will stop.



NOTE

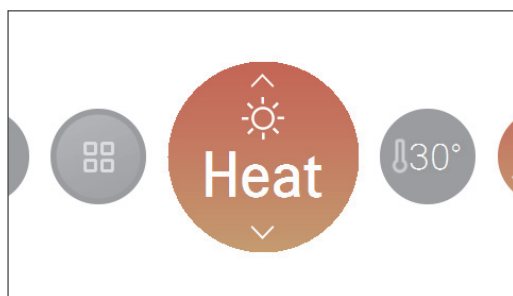
It provides the Fan only operation without temperature control, with recirculation of indoor air.

Heating Operation

The heating operation's minimum setting temperature is 16 °C.

For some types of the indoor units, the desired temperature can be controlled in the units of 1 °C or 0.5 °C.

- Set the desired temperature higher than the indoor temperature.
- Indoor temperature is displayed on the default screen of the remote controller.
- When the desired temperature is set lower than the indoor temperature, warm air doesn't come out, but for some products, the fan will recirculate room air, or stop altogether.
- If you unit is operating in heating mode and you press the [On/Off] button the heating operation will shut off.



NOTE

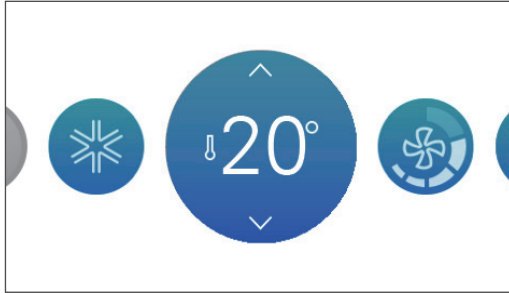
In the heating operation, you can select the desired temperature in the range of 16 °C ~ 30 °C. The heating is not operated in cooling exclusive model.

TEMPERATURE SETTING

Controlling Desired Temperature

You can easily control to the desired temperature.

- In the main screen, press [$<$, $>$ (left/right)] button to select the desired temperature category, and press [\wedge , \vee (up/down)] button to set the desired temperature.
 - In the cooling, heating, and All/auto mode, the desired temperature control is possible.



Mode	Description
Cool	If the desired temperature is higher than the indoor temperature, the cooling is not performed. Set the desired temperature lower than the indoor temperature. You can select in the range of 18 °C ~ 30 °C (20 °C ~ 30 °C).
Heat	If the desired temperature is lower than the indoor temperature, the heating is not performed. Set the desired temperature higher than the indoor temperature. You can select in the range of 16 °C ~ 30 °C.
Auto	For cooling/heating product, you can select in the range of 18 °C ~ 30 °C. For cooling exclusive product, you can select Hot, A little hot, Adequate, A little Cold, and Cold.

NOTE

The favorable temperature difference between the indoor temperature and the outdoor temperature is 5 °C.

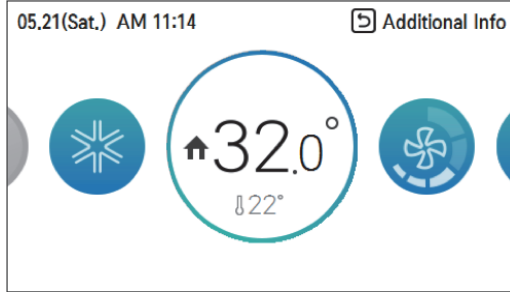
Cool mode temperature setting range

- **Common** - Setting Temp Range : 18 °C~30 °C (64 °F~86 °F)
- **UAE Only** - Setting Temp Range : 20 °C~30 °C (68 °F~86 °F)

Check Room Temperature

You can check the current indoor temperature.

- In the remote controller's the main screen, you can check the indoor temperature.



NOTE

The temperature distribution in the remote controller installation space is not uniform, so there can be a little difference between the temperature you actually feel and the remote controller's room temperature display

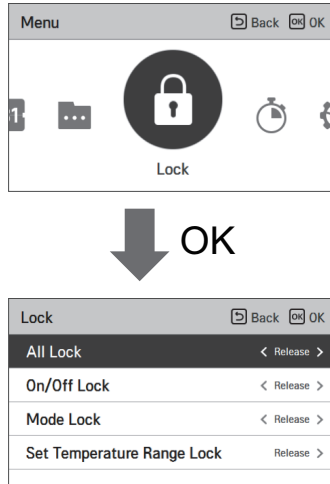
According to Control type setting value

- Single setpoint
 - Fahrenheit: 52~99 °F
 - below 52 °F: display 'LO'
 - over 99 °F: display 'HI'
 - Celsius: 10.5~39.5 °C
 - below 10.5 °C: display 'LO'
 - over 39.5 °C: display 'HI'
- Dual setpoints
 - Fahrenheit: 34~99 °F
 - below 34 °F: display 'LO'
 - over 99 °F: display 'HI'
 - Celsius: 0.5~39.5 °C
 - below 0.5 °C: display 'LO'
 - over 39.5 °C: display 'HI'
 - For indoor temperature below 50 °F (10 °C), the value perceived by the Thermostat(with cable) is displayed.
- Because of location of Temperature sensing, the real room temperature and the this displayed value can be different.

LOCK SETTING

How to enter lock setting

- In the menu screen, press [<, > (left/right)] button to select “lock setting” category, and press [OK] button to move to the lock setting list screen.
- In the lock setting list, if you press [^ , v (up/down)] button, you can turn on/off the corresponding lock function.



Lock setting – all, on/off, mode, temperature range lock

- It is the function to lock the button operation of the remote controller so that children or other persons cannot use it without permission.
- It is the function to limit the desired temperature range that can be set in the wired remote controller.

Lock	Description
All lock	It locks all button operation of the remote controller.
On/Off lock	It locks the On/Off button operation of the remote controller.
Mode lock	It locks the operation mode button operation of the remote controller.
Temperature range lock	It is the function that can limit the range of the desired temperature that can be set in the wired remote controller. - Single: Lower limit : 16~30 °C (60~86 °F) Upper limit : 16/18~30 °C (60/64~86 °F)

NOTE

In the central controller, when the central control temperature range lock is set, the wired remote controller's temperature lock setting is cleared.

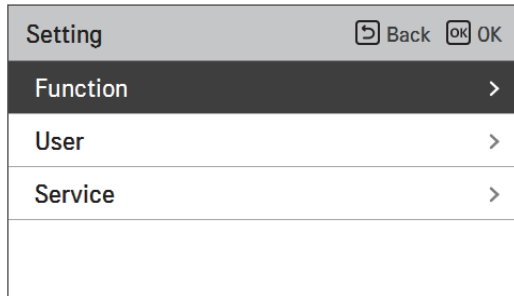
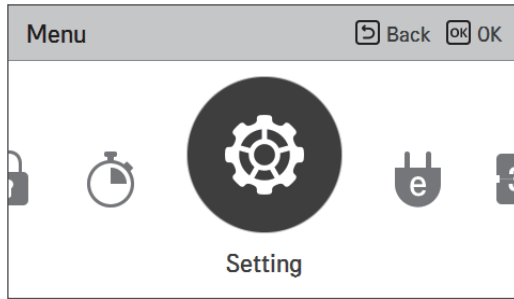
The temperature change by external equipment is reflected regardless of the remote controller temperature range lock.

FUNCTION SETTING

How to enter function setting

To enter the menu displayed at the bottom, you need to enter the function setting menu as follows.

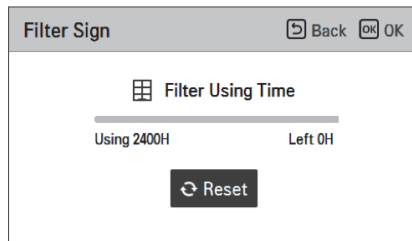
- In the menu screen, press [<, >] (left/right) button to select the setting category, and press [OK] button to move to the setting list.
- In the setting list, select the function setting category, and press [OK] button to move to the function setting list.



Filter sign check and initialization

When it becomes the time for the indoor unit filter cleaning, the filter cleaning message appears, and it is the function to remove the message.

- In the function setting list, select the Filter sign check and initialization category, and press [OK] button to display the detail screen.



Filter sign	Description
Good	Usage time is 70 % or less
Normal	Usage time is 71 ~80 %
Caution	Usage time is 81 ~99 %
Bad	Usage time is 100 %

- When it becomes time to the filter clean, "Filter cleaning or replacement is required." message is displayed. Enter the Filter sign check and initialization detail screen.
- If the product has the function to display the time remaining until the filter cleaning, even if the filter cleaning message is not displayed, you can enter the Filter sign check and initialization.
- If there is a remaining time display function, when you enter the Filter sign detail screen, you can see the consumption and the remaining time.

NOTE

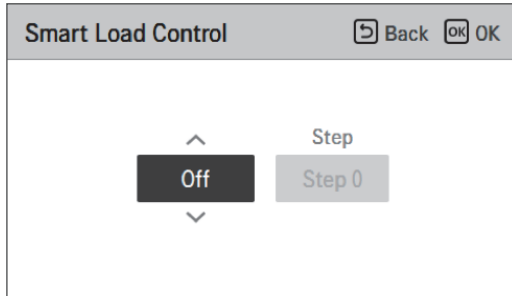
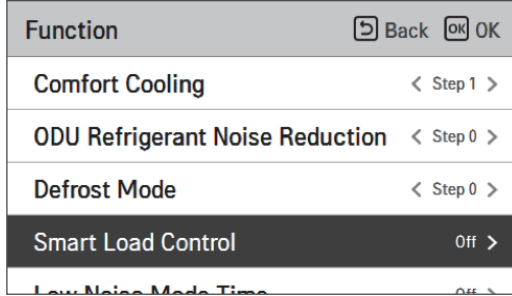
- Some products have a Filter Time Remaining function that can be accessed with Filter Sign check.
- Dirty filters will increase the cost to cool or heat the conditioned space.
- The filter check message is cleared after certain time without a separate clearing.

Smart load control(SLC) setting

Change the outdoor unit's Smart Load Control stage value.

(Smart load control is the function to calculate the indoor air temperature, outdoor air temperature, and humidity to operate effectively.)

- In the function setting list, select the Smart load control category, and press [OK] button to move to the detail screen.



Value	Off	Step 0
	On	Step 1
		Step 2
		Step 3
		Step 4

- When SLC is Operating, on the expanded screen's monitoring information, 'In Smart load control' is displayed.

NOTE

Smart load control function can be set only when the installer setting's outdoor unit function M/S setting is set to "Master".

Smart load control function is only available in some products.

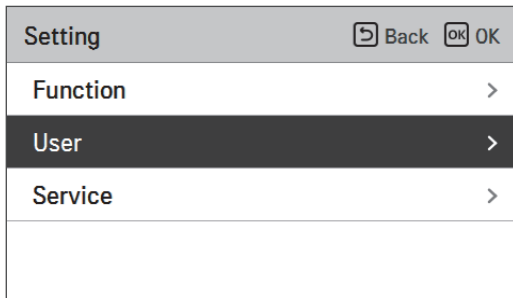
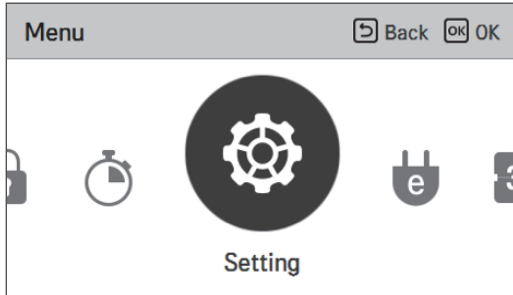
Step4 settings may not be available on some indoor unit products.

USER SETTING

How to enter user setting

To enter the menu displayed at the bottom, you need to enter the user setting menu as follows.

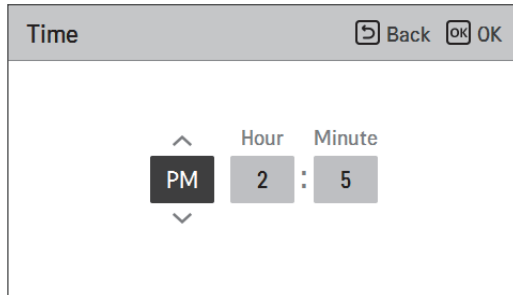
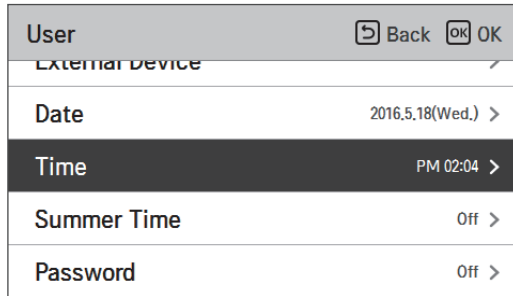
- Select the setting category, and press [OK] button to move to the setting list.
- Select the user setting category, and press [OK] button to move to the user setting list.



Time setting

Set the time displayed on the remote controller.

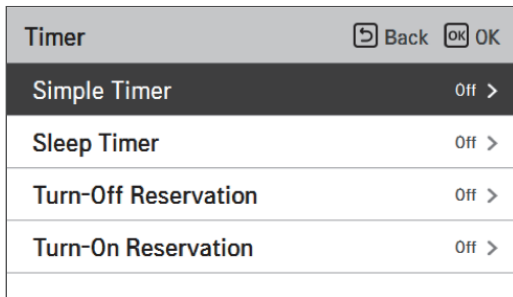
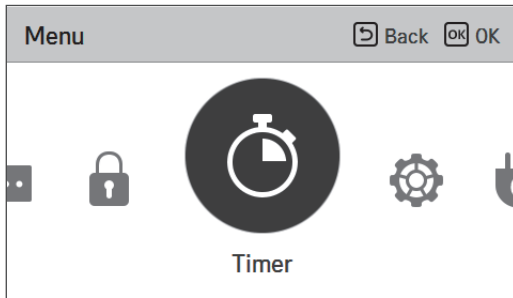
- In the user setting list, select the time category, and press [OK] button to move to the detail screen.
- After the setting, if you press [OK] button, the setting is saved and moves to the previous screen.



TIMER SETTING

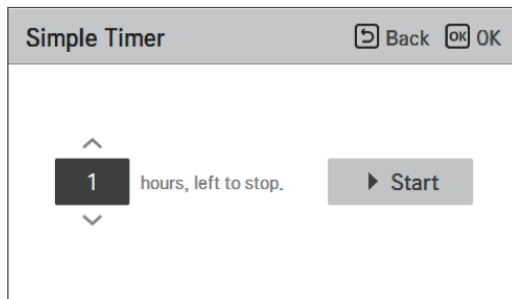
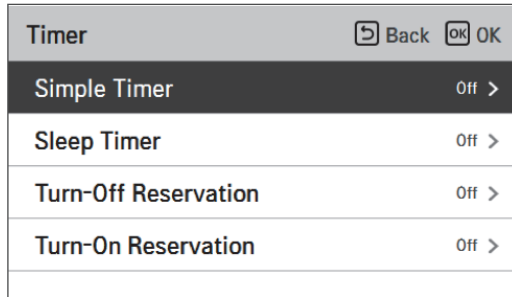
Timer entrance and setting method

- In the menu screen, press [<, >] (left/right) button to select the timer category, and press [OK] button to move to the timer setting list screen.
- In the timer setting list screen, press [^, v] (up/down) button to select the timer to set, and press [OK] button to move to the detail screen.
- After setting the value, when you press [OK] button, the timer is activated.
- After setting the value, if you press [Back] button, the changed value will not be applied.



Simple timer

You can easily set the timer in the range of 1~7 hours in the units of 1 hour.



NOTE

If the product operation is On, the easy timer turns off the operation after the corresponding time.

If the product operation is Off, the easy timer turns on the operation after the corresponding time.

If the easy timer operation is turned On/Off before the timer operation, the set timer will be cleared.

Turn-on Reservation

The product is automatically turned On at the set timer time.

Timer	Back	OK
Simple Timer	Off	>
Sleep Timer	Off	>
Turn-Off Reservation	Off	>
Turn-On Reservation	Off	>



Turn-On Reservation	Back	OK
<div style="display: flex; align-items: center; justify-content: space-between;"> <div style="text-align: center;"> ^ AM v </div> <div style="text-align: center;"> Hour Minute 1 : 0 </div> <div style="text-align: center;"> ▶ Start </div> </div>		

NOTE

Even if the Turn-on Reservation operation is turned On/Off after the setting and before the timer operation, the set timer is not cleared.

Turn-off Reservation

The product is automatically turned Off at the set timer time.

Timer	Back	OK
Simple Timer	Off	>
Sleep Timer	Off	>
Turn-Off Reservation	Off	>
Turn-On Reservation	Off	>



Turn-Off Reservation		Back	OK
AM	Hour	Minute	Start
	1	:	0

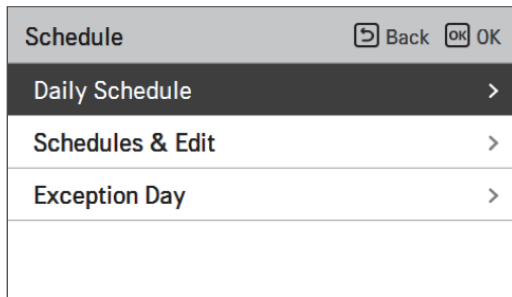
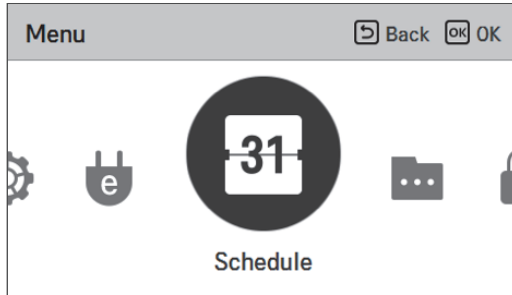
NOTE

Even if the Turn-off Reservation operation is turned On/Off after the setting and before the timer operation, the set timer is not cleared.

SCHEDULE SETTING

How to enter schedule

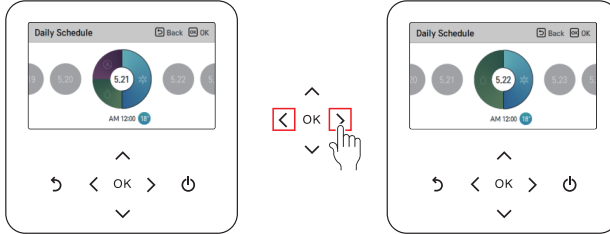
- In the menu screen, press [,<,>(left/right)] button so select the schedule category, and press [OK] button to move to the schedule setting list screen.
- In the schedule setting list screen, press [^, v (up/down)] button to select the menu to set, and press [OK] button to move to the detail screen.



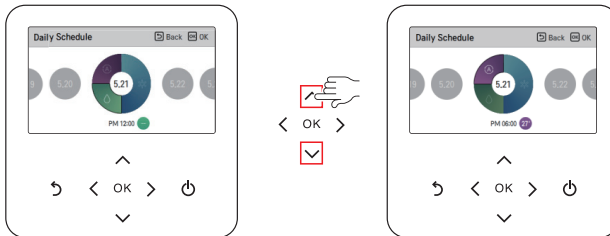
Daily Schedule

It is the function that can check the status of the timer (schedule) saved in the remote controller.

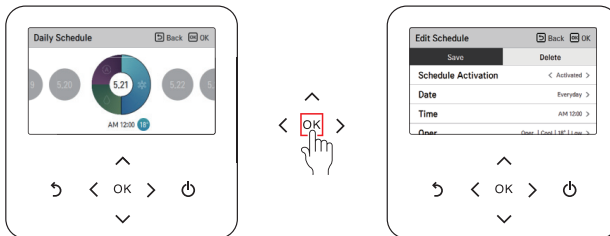
- In the schedule list, select the daily schedule status category, and press [OK] button to move to the detail daily schedule status screen.
- You can use the remote controller's [<,>(left/right)] button to check the timer information of other dates.



- You can use the remote controller's [^, v (up/down)] button to check the corresponding date's other timer information.



- Select the timer information, and press [OK] button to move to the corresponding timer's edit screen.



NOTE

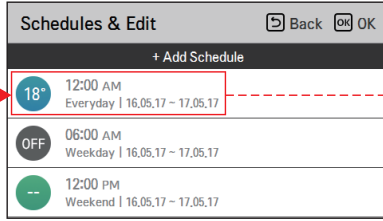
In the daily schedule status screen, even if the timer (schedule) is set, if the corresponding date is designated as an exception date, the schedule will not be performed.

Less than 5 schedules per day is recommended.

Schedules & Edit

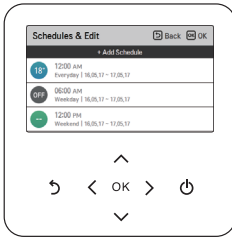
It is the function that can check the status of the timer (schedule) saved in the remote controller.

- In the schedule list, select the daily schedule status category, and press [OK] button to move to the daily schedule status detail screen.
- You can use the remote controller's [,>] (left/right) button to check other date's timer information.

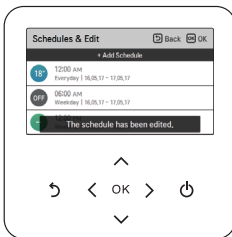


You can check the set timer's operation information (operation On/Off, operation mode, desired temperature), timer time, period, and day of week.

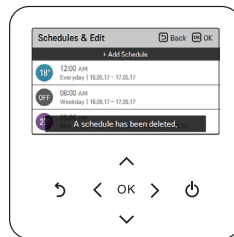
- You can edit the saved schedule's timer information.
 - Select the schedule to edit using [^, v] (up/down) button, and press [OK] button to move to the edit screen.



- Select the timer information, and press [OK] button to move to the corresponding timer's edit screen.



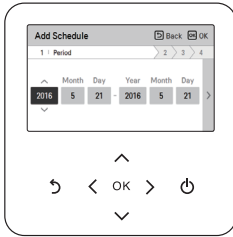
< If schedule is changed >



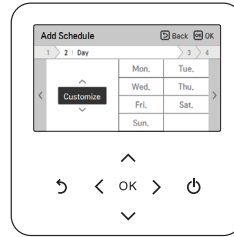
< If schedule is deleted >

Schedules & Edit – Add schedule

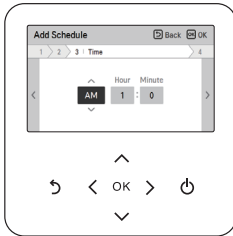
Description of each stage in Add schedule



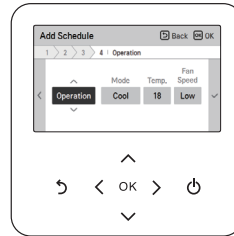
Stage 1. Period setting



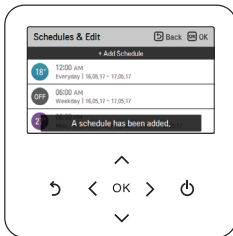
Stage 2. Day of week setting



Stage 3. Time setting



Stage 4. Operation setting



Add schedule is completed

In 'Stage 1', it sets the period to perform the timer.

In 'Stage 2', it sets the day of week to perform the timer.

- You can select 'Everyday / Weekend / Weekdays / Individual selection'.

In 'Stage 3', it sets the start time for the timer.

In 'Stage 4', it sets the timer operation information.

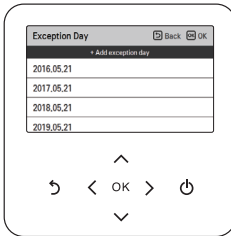
- If 'Stop' is selected, you cannot set the mode / temperature / fan speed.

When stages 1~4 are completed, along with the message of 'schedule is added', it moves to View and edit schedule screen.

Exception day

It is the function to automatically stop the operation on the set timer day.

- In the schedule list, select the exception day category, and press [OK] button to move to the Exception day designation detail screen.
- In the exception day, you can check, and add/change/delete the exception day information saved in the remote controller.
 - To add an exception day, in the Exception day registration detail screen, designate year/month/day, and press [OK] button to save the Exception day.
 - Select the Exception day to edit using [∧, ∨ (up/down)] button, and press [OK] button to move to the edit screen.



- In the exception day edit screen, you can check, delete/change the corresponding exception day's setting contents.
- When you change the exception day information, you need to save it after the change.

CARE AND MAINTENANCE

CAUTION

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

You can do some of the periodic maintenance for your unit yourself; this includes cleaning air filters, cleaning unit cabinet, clearing the condenser coil, and conducting a general unit inspection on a regular basis.

WARNING

- Before removing access panels to service unit, disconnect power supply. Failure to disconnect power before attempting any servicing can result in severe injury or death.

This product has washable filters. It is very important to keep air filters clean in the central duct system. Be sure to inspect them at least once each month when the system is in constant operation. (In new buildings, check the filters every week for the first 4 weeks.)

Washable type filters can be cleaned by washing with a mild detergent and water. Ensure that the filters are thoroughly dried before reinstalled them in the unit (or duct system).

Unfiltered air circulates through the unit's condenser coil and can cause the coil's surface to become clogged with dust, dirt, etc.. To clean the coil, vertically (i.e., along the fins) stroke the coil surface with a soft bristled brush.

Keep all vegetation away from the condenser coil area.

Maintenance Performed by Serviceman

To keep your unit operating safely and efficiently, the manufacturer recommends that a qualified serviceman check the entire system at least once each year, or more frequently if conditions warrant. Your serviceman may examine these areas of your unit:

- 1 Filters (for cleaning)
- 2 Motors and drive system components
- 3 Condenser coils (for cleaning)
- 4 Safety controls (for mechanical cleaning)
- 5 Electrical components and wiring (for possible replacement or connection tightness)
- 6 Condensate drain (for cleaning)
- 7 Inspect the unit duct connections to ensure they are physically sound and sealed to the unit casing.
- 8 Inspect the unit mounting support to see that it is sound.
- 9 Inspect the unit to ensure there is no obvious deterioration.

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 for 2 to 3 hours.
 - This will dry out the internal parts.
- 2 Turn off the circuit breaker.

CAUTION

- Turn off the circuit breaker when the air conditioner is not going to be used for a long time. Dirt may collect and may cause a fire.

When the air conditioner is to be used again.

- 1 Clean the air filter and re-install it in the indoor side.
 - On the filter access panel at the left side of the unit, a "Filter access panel" label is attached.
- 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 your health and wastes electricity.
- Keep blinds or curtains closed.
 - Do not let direct sunshine enter the room when the air conditioner is in operation.
- Clean the air filter regularly.
 - Blockages in the air filter reduce the airflow and lower cooling and dehumidifying effects.
- 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.
- Ventilate the room occasionally.
 - Since windows are kept closed, it is a good idea to open them and ventilate the room now and then.

CAUTION

- Before removing access panels to draw out air filters, disconnect power supply.
- Since the fan rotates at high speed, it may cause a serious injury
 - ① Clean at least once every month using a vacuum cleaner or washing with a neutral detergent in lukewarm water.
 - ② After washing with water, dry it well in the shade.
 - Do not expose the air filter to direct sunlight or heat from a fire when drying it.

BEFORE YOU CALL FOR SERVICE...

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

Case	Explanation
Does not operate.	<ul style="list-style-type: none"> • Have you made a mistake in timer operation? - See reservation instructions.
	<ul style="list-style-type: none"> • Has the fuse blown or has the circuit breaker been tripped?
	<ul style="list-style-type: none"> • Does the remote controller display "EH" on the LCD? This means that protective device has been tripped please contact your dealer or service center.
The room has a peculiar odor.	<ul style="list-style-type: none"> • Check that this is not a damp smell exuded by the walls, carpet, furniture, or cloth items in the room.
It seems that condensation is leaking from the air conditioner.	<ul style="list-style-type: none"> • Condensation occurs when the airflow from the air conditioner cools the warm air.
Air conditioner does not operate for about 3 minutes when restarted.	<ul style="list-style-type: none"> • This is the protection device of the air conditioner. • Wait about three minutes and operation will begin.
Does not cool or heat effectively.	<ul style="list-style-type: none"> • Is the air filter dirty? - See air filter cleaning instructions.
	<ul style="list-style-type: none"> • The room may have been very hot when the air conditioner was first turned on. Allow time for it to cool down.
	<ul style="list-style-type: none"> • Has the setting temperature been set incorrectly? - See temperature setting instructions.
	<ul style="list-style-type: none"> • Has the setting temperature been set incorrectly?
Remote controller display is faint, or no display at all.	<ul style="list-style-type: none"> • Are the unit's air inlet or outlet vents obstructed?
Power outage occurs. (Outage Compensation Function)	<ul style="list-style-type: none"> • Has the circuit breaker been tripped?
Power outage occurs. (Outage Compensation Function)	<ul style="list-style-type: none"> • It automatically retrieves the previous operating conditions. You don't need to press any buttons. (Additional functions will not be retrieved automatically.)

APPENDIX

Information

Operating Temperatures

■ Cooling

Cooling	Max	Min
Indoor	23 °C	15 °C
Outdoor	54 °C	-5 °C

■ Heating

- 7.5 / 10 / 12.5 / 15 RT

Cooling	Max	Min
Indoor	27 °C	16 °C
Outdoor	18 °C	-15 °C

- 20 / 25 RT

Cooling	Max	Min
Indoor	27 °C	10 °C
Outdoor	18 °C	-15 °C