

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
AK-Q036GH50 / AK-Q048GH50 / AK-Q060GH50
AK-Q036GD50 / AK-Q048GD50 / AK-Q060GD50



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.

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 : _____

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE.

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

WARNING

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

CAUTION

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

WARNING

- Installation or repairs made by unqualified persons can result in hazards to you and others.
- 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.

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 small 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.

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.

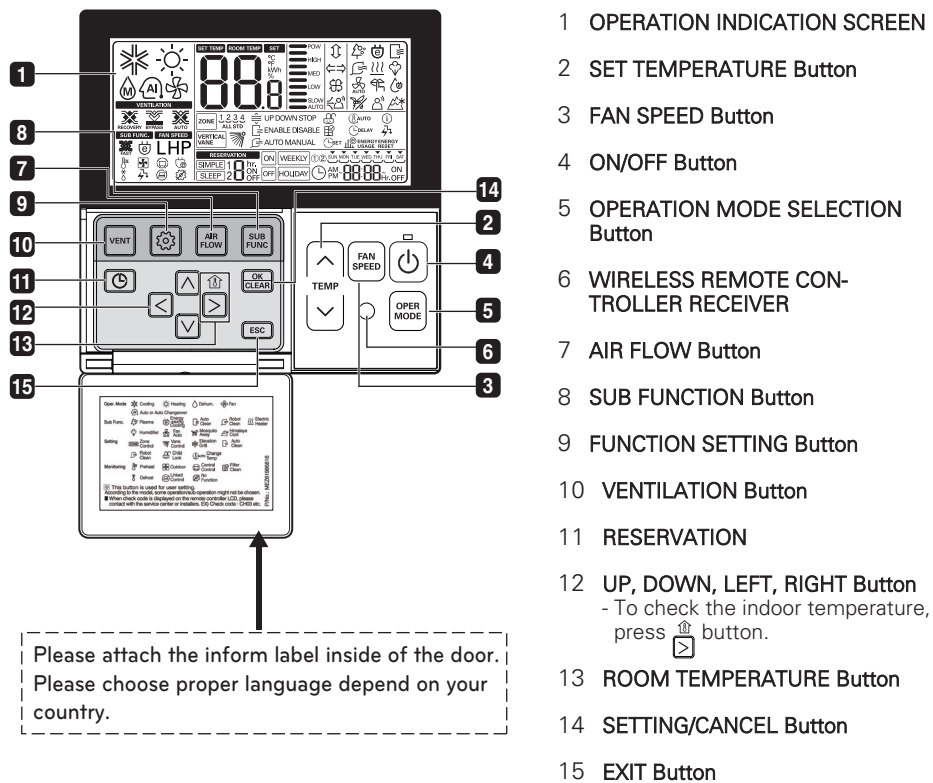
Service

For repair and maintenance, contact your authorized service dealer.

Model	Phase / Voltage / Hz	MAX Current
AK-Q036GH50 / AK-Q036GD50	1Ø, 220 V~, 50/60Hz	22,5 A
AK-Q048GH50 / AK-Q048GD50	1Ø, 220 V~, 50/60Hz	22,5 A
AK-Q060GH50 / AK-Q060GD50	1Ø, 220 V~, 50/60Hz	22,5 A

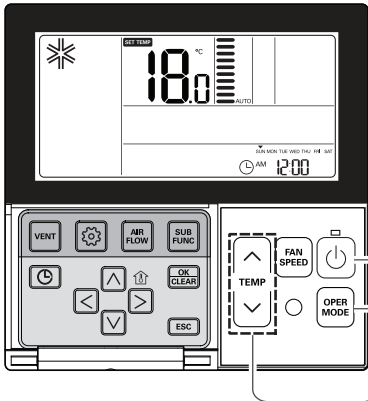
OPERATING INSTRUCTIONS

Name and Function of Wired Remote Controller (Accessory)



Standard Operation - Standard Cooling

It cools the room by comfortable and clean wind.

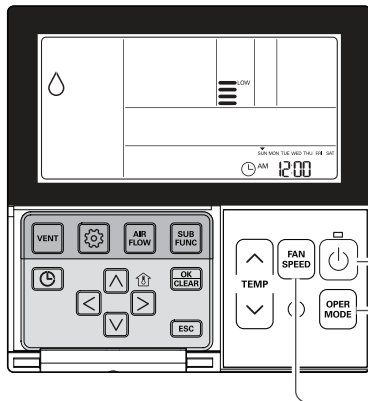


- 1 Press button to turn on the indoor.
- 2 Press button to select Cooling operation mode.
- 3 Adjust the desired temperature by pressing buttons. Press button to check the Room temperature. When setting the desired temperature higher than room temperature, only ventilation wind is blow out instead of cooling wind.

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

Standard Operation - Dehumidification Mode

It removes humidity while air-cooling weakly.



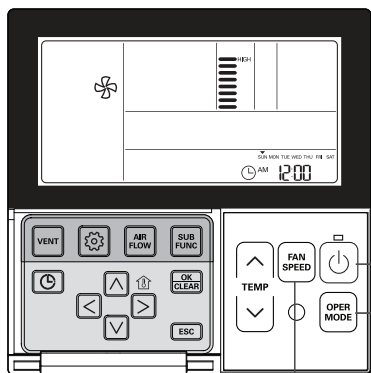
- 1 Press button to turn on the indoor.
- 2 Press button to select Dehumidification mode. The temperature setting can not be adjusted during operation this mode.
- 3 Press the button to select air flow High.

! NOTE

- In rainy season or high humidity climate, it is possible to operate simultaneously dehumidifier and cooling mode to remove humidity effectively.

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 button to select Fan Mode.



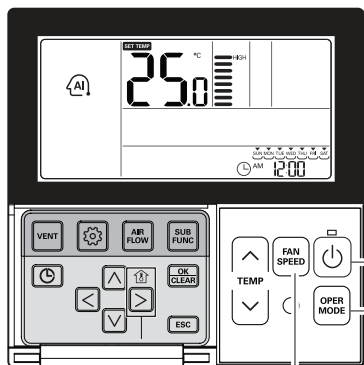
3 Press the button to select air flow High.



NOTE

- Because it releases the wind that has no temperature difference from the room, it functions to circulate the inside air.

Auto Operation Mode



1 Press button to turn on the indoor.



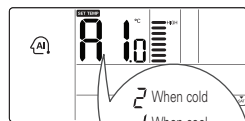
2 Press button to select Artificial intelligence Mode.



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".

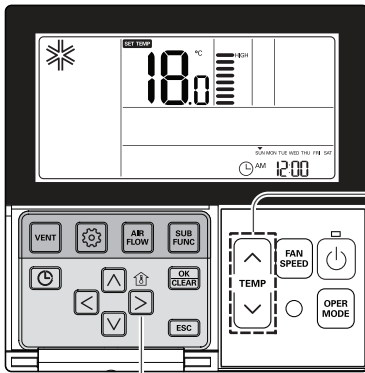


NOTE

During operating Auto Operation mode:

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

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 per one time pressing
- : Decrease 1°C per one time pressing

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

Cooling operation:

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

Room Temperature Check

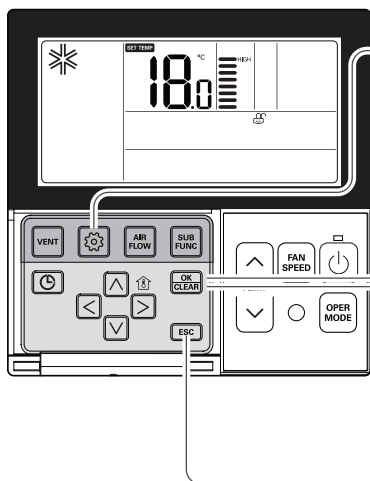
- 1 Whenever press button, the room temperature will be displayed within 5 seconds. After 5 seconds, it turns to display the desired temperature. Because of location of remote controller, the real room temperature and the this displayed value can be different












NOTE

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

Function Setting - Child Lock

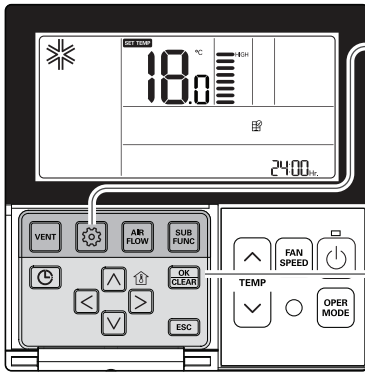
It is the function to use preventing children or others from careless using.



- 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  button at that time. 
- 3 When cancelling lock function, if moving to 'cancel' icon by pressing   button and then, pressing  button, child lock function is cancelled.
- 4 Press  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 - 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  to clear this display

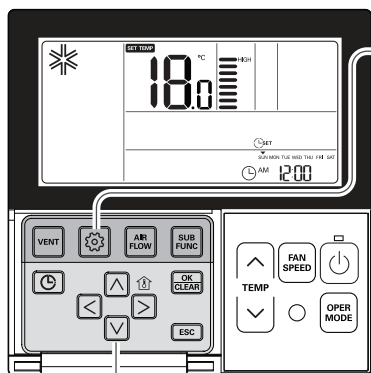


! NOTE

- 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 - Changing Current Time



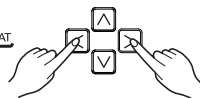
- 1** Please press function setup button. If pressing function setup button repeatedly, it moves to time setup menu. 'Time setup' icon is indicated at that time and date blinks at current time indication area.



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

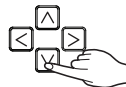
- 2** Press key to adjust the current day.

SUN MON TUE WED THU FRI SAT



- 3** Press key to move to AM/ PM setting mode (the 'AM/ PM segment will flash).

AM 12:00

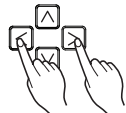


- 4** Setting AM/ PM value by pressing button.



- 5** Press button to move to 'Hour' setting mode. (the 'Hour' segment will flash)

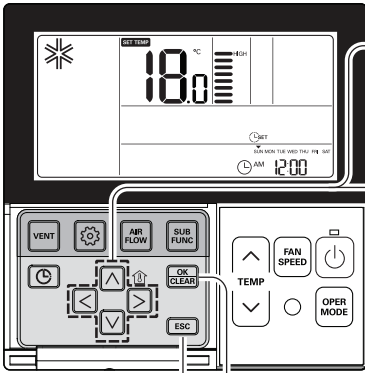
AM 12:00



- 6** Setting Hour value by pressing button.

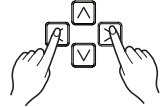
AM 10:00





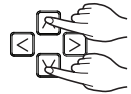
- 7** Press button to move to 'Minute' setting mode. (the 'Minute' segment will flash)

AM 10:00



- 8** Setting Minute value by pressing button.

AM 10:20



- 9** Press button to finish.

AM 10:20

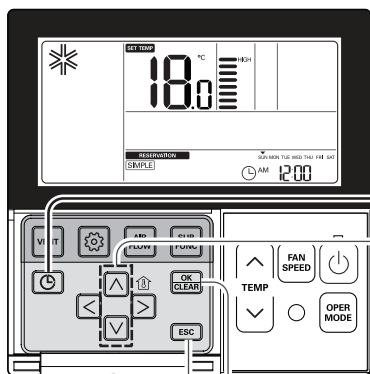


- 10** In the process, press button to release and exit from setting mode. (In case of exit with incomplete information, it will return to the previous setting)
* When exiting without pressing set button, the manipulated value is not reflected.



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.

1 → 3



- 3** Press button to finish setting.

3

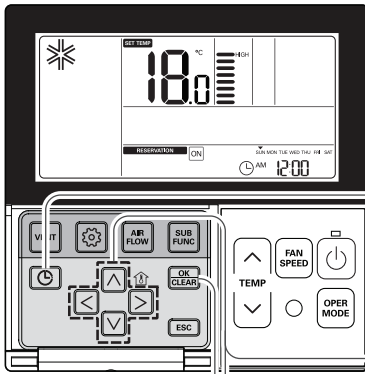


- 4** Press button to exit.
* After setup, it automatically gets out of setup mode if there is no button input for 25 seconds.
* When exiting without pressing set button, the manipulated value is not reflected.

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

Programming - ON Reservation

Automatically turned On at reserved time that you set.



1 Press button.

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



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



3 Press button to adjust AM/ PM setting.

AM 12:00

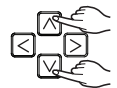


4 Press button to Hour setting mode. When the Hour icon flash, please setting time.
The setting range is within 1~12.

AM 12:00



AM 10:00

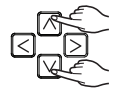


5 Press button to shift to Minute setting mode. When the Minute icon flash, please setting minute the setting range is within 00~59.

AM 10:00



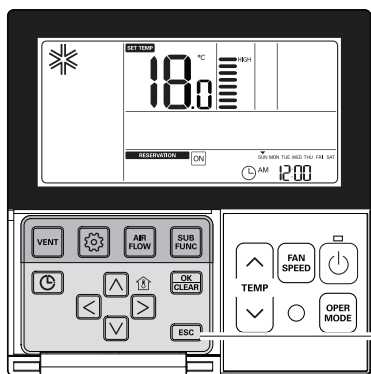
AM 10:20



6 Press button to finish setting.

AM 10:20

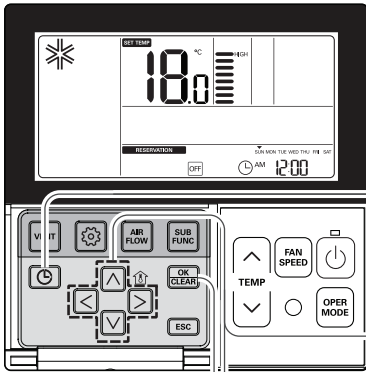




- 7** Press **ESC** button to exit.
- * After setup, it automatically gets out of setup mode if there is no button input for 25 seconds.
 - * When exiting without pressing set button, the manipulated value is not reflected.
 - If reservation is set, 'turned on' indication shows up at the lower part of 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'.

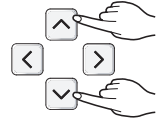


2 Repeatedly pressing button
to enter the OFF reservation
setting mode.
(segment flashing)



3 Press button to adjust AM/ PM
setting.

AM 12:00

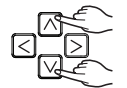


4 Press button to shift to Hour
setting mode. When the Hour icon flash,
please setting time.
The setting range is within 1~12.

AM 12:00

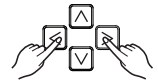


AM 10:00



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



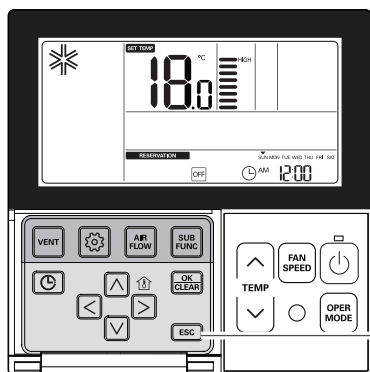
AM 10:20



6 Press 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 : Weekly Reservation

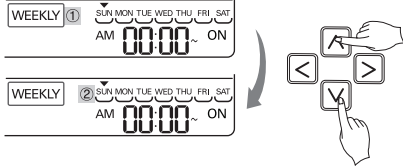


You can set the daily reservation in weekly unit.

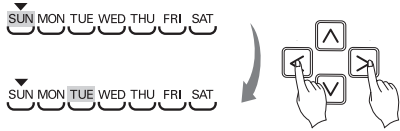


Weekly reservation keeps operating until before you cancel it once you setup

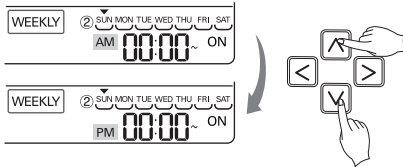


- 1** Please move to reservation setup mode by pressing reservation button.
 * You can setup two weekly reservations for one day, and up to fourteen reservations for a week.
 For example, to setup (Tuesday morning 11:30 turned on ~ afternoon 12:30 turned off), you setup in order below.
- 2** Please move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

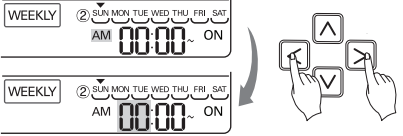






- 3** Please select weekly reservation ① or weekly reservation ② by using   button.


* You can setup two reservations, weekly reservation 1 and weekly reservation 2, for a day.

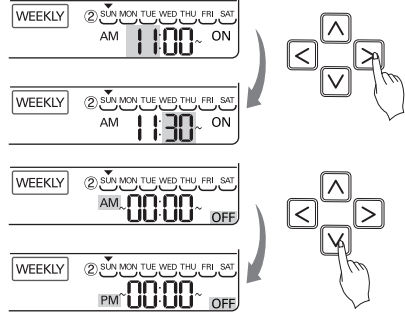

- 4** Please move to 'date' setup part by using   button. If 'date' indication blinks, please setup date. You can setup date from Monday to Sunday.



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

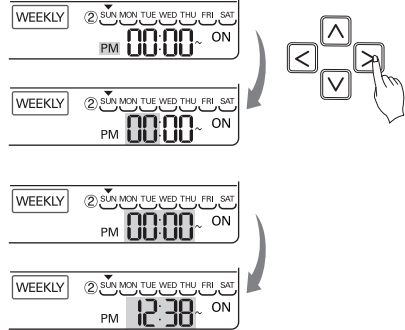

- 6** Please move to 'hour' setup part of turning on by using   button.
 - It is the part to setup the time at which air-conditioner is turned on.


- 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  button.
 - It is the part to reserve the time at which air-conditioner is turned off.
 - If 'hour' indication blinks, please setup 'hour'.

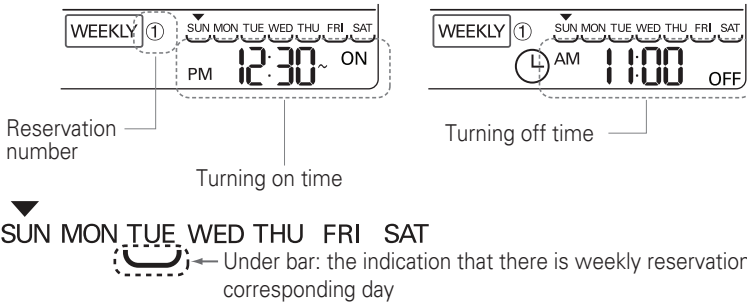


* Please setup 'hour' and 'minute' identically with the method to setup turning on time.

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

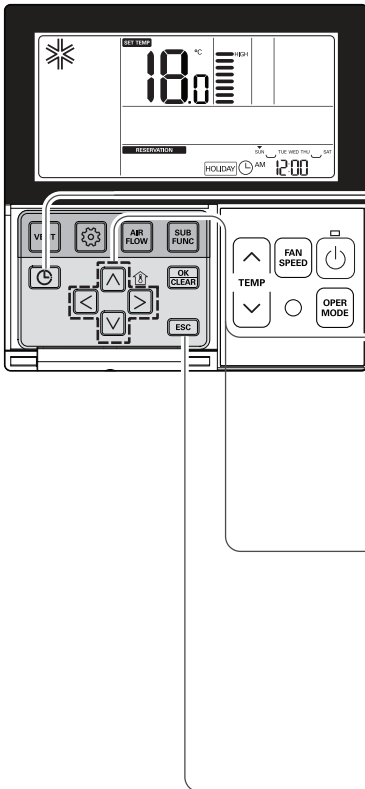
13 If you setup with the method identical with above by selecting the day that you'd like to setup, it operates weekly reservation.
 If you setup both turning on reservation time and turning off reservation time identically, it doesn't operate reservation drive.

Weekly reservation explanation



Programming : Holiday Reservation

It automatically stops at reserved day that you set.



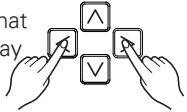
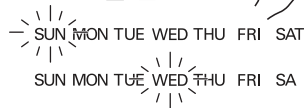
- 1** Please press button.
It enters into reservation
setup mode.



- 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 button.
For example, when you setup
Monday/Friday to holiday
- 'Monday', 'Friday' letter disappears.



- 5** Please press 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.

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 anti-bacteria 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-Cooling Season

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.

Maintenance Performed by Serviceman-Heating Season

Complete the unit inspections and service routines described below at the beginning of each heating season.

- Inspect the controller panel wiring to verify that all electrical connections are tight and that wire insulation is intact.

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? • Are the unit's air inlet or outlet vents obstructed?
Remote controller display is faint, or no display at all.	<ul style="list-style-type: none"> • Has the circuit breaker been tripped?
Power outage occurs. (Outage Compensation Function)	It automatically retrieves the previous operating conditions. You don't need to press any buttons. (Additional functions will not be retrieved automatically.)

CALL THE SERVICE IMMEDIATELY IN THE FOLLOWING SITUATIONS

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

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

ELECTRICAL SPECIFICATIONS:

AK-Q036GH50 / AK-Q048GH50 / AK-Q060GH50 220 V~ 50/60 Hz 22.5 A

AK-Q036GD50 / AK-Q048GD50 / AK-Q060GD50 220 V~ 50/60 Hz 22.5 A



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