LG
Life's Good

OWNER'S MANUAL

AIR CONDITIONER

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

TYPE : CEILING CONCEALED DUCT



P/NO : MFL42619124

www.lg.com

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FOR YOUR RECORDS

Write the model and serial numbers here:

Model #

Serial #

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

Dealer's Name

Date Purchased

■ Staple your receipt to this page in the event you need it to prove date of purchase or for warranty issues.

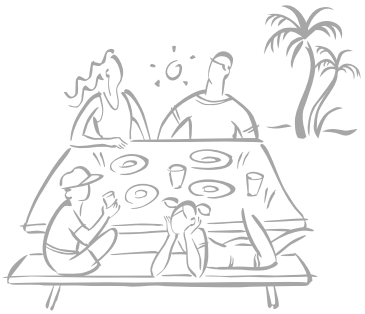
READ THIS MANUAL

Inside you will find many helpful hints on how to use and maintain your air conditioner properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your air conditioner.

You'll find many answers to common problems in the chart of troubleshooting tips. If you review our chart of **Troubleshooting Tips** first, you may not need to call for service at all.

PRECAUTION

- **Contact the authorized service technician for repair or maintenance of this unit.**
- **Contact the installer for installation of this unit.**
- **The air conditioner is not intended for use by young children or invalids without supervision.**
- **Young children should be supervised to ensure that they do not play with the air conditioner.**
- **When the power cord is to be replaced, replacement work shall be performed by authorized personnel only using only genuine replacement parts.**
- **Installation work must be performed in accordance with the National Electric Code by qualified and authorized personnel only.**



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.

■ Operation

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.

Take care to ensure that power cable could not be pulled out or damaged during operation.

• There is risk of fire or electric shock.

Do not place anything on the power cable.

• There is risk of fire or electric shock.

Do not plug or unplug the power supply plug during operation.

• There is risk of fire or electric shock.

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

• There is risk of fire or electrical shock.

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

• There is risk of fire and electric shock.

Do not allow water to run into electric parts.

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

Do not store or use flammable gas or combustibles near the product.

• There is risk of fire or failure of product.

Do not use the product in a tightly closed space for a long time.

• Oxygen deficiency could occur.

When flammable gas leaks, turn off the gas and open a window for ventilation before turn the product on.

• Do not use the telephone or turn switches on or off.
  There is risk of explosion or fire

If strange sounds, or small or smoke comes from product. Turn the breaker off or disconnect the power supply cable.

• There is risk of electric shock or fire.

Stop operation and close the window in storm or hurricane. If possible, remove the product from the window before the hurricane arrives.

• There is risk of property damage, failure of product, or electric shock.

Do not open the inlet grill of the product during operation. (Do not touch the electrostatic filter, if the unit is so equipped.)

• There is risk of physical injury, electric shock, or product failure.

When the product is soaked (flooded or submerged), contact an Authorized Service Center.

• There is risk of fire or electric shock.

Be cautious that water could not enter the product.

• There is risk of fire, electric shock, or product damage.

Ventilate the product from time to time when operating it together with a stove, etc.

• There is risk of fire or electric shock.

Turn the main power off when cleaning or maintaining the product.

• There is risk of electric shock.

When the product is not be used for a long time, disconnect the power supply plug or turn off the breaker.

• There is risk of product damage or failure, or unintended operation.

Take care to ensure that nobody could step on or fall onto the outdoor unit.

• This could result in personal injury and product damage.

⚠CAUTION

■ Installation

Always check for gas (refrigerant) leakage after installation or repair of product.

- Low refrigerant levels may cause failure of product.

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

- A bad connection may cause water leakage.

Keep level even when installing the product.

- To avoid vibration or water leakage.

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

- It may cause a problem for your neighbors.

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

- Avoid personal injury.

Do not install the product where it will be exposed to sea wind (salt spray) directly.

- It may cause corrosion on the product. Corrosion, particularly on the condenser and evaporator fins, could cause product malfunction or inefficient operation.

■ Operation

Do not expose the skin directly to cool air for long periods of time. (Don't sit in the draft.)

- This could harm to your health.

Do not use the product for special purposes, such as preserving foods, works of art, etc. It is a consumer air conditioner, not a precision refrigeration system.

- There is risk of damage or loss of property.

Do not block the inlet or outlet of air flow.

- It may cause product failure.

Use a soft cloth to clean. Do not use harsh detergents, solvents, etc.

- There is risk of fire, electric shock, or damage to the plastic parts of the product.

Do not touch the metal parts of the product when removing the air filter. They are very sharp!

- There is risk of personal injury.

Do not step on or put anyting on the product. (outdoor units)

- There is risk of personal injury and failure of product.

Always insert the filter securely. Clean the filter every two weeks or more often if necessary.

- A dirty filter reduces the efficiency of the air conditioner and could cause product malfunction or damage.

Do not insert hands or other objects through the air inlet or outlet while the product is operated.

- There are sharp and moving parts that could cause personal injury.

Do not drink the water drained from the product.

- It is not sanitary and could cause serious health issues.

Use a firm stool or ladder when cleaning or maintaining the product.

- Be careful and avoid personal injury.

Replace the all batteries in the remote control with new ones of the same type. Do not mix old and new batteries or different types of batteries.

- There is risk of fire or explosion

Do not recharge or disassemble the batteries. Do not dispose of batteries in a fire.

- They may burn or explode.

If the liquid from the batteries gets onto your skin or clothes, wash it well with clean water. Do not use the remote if the batteries have leaked.

- The chemicals in batteries could cause burns or other health hazards.

If you eat the liquid from the batteries, brush your teeth and see doctor. Do not use the remote if the batteries have leaked.

- The chemicals in batteries could cause burns or other health hazards.

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

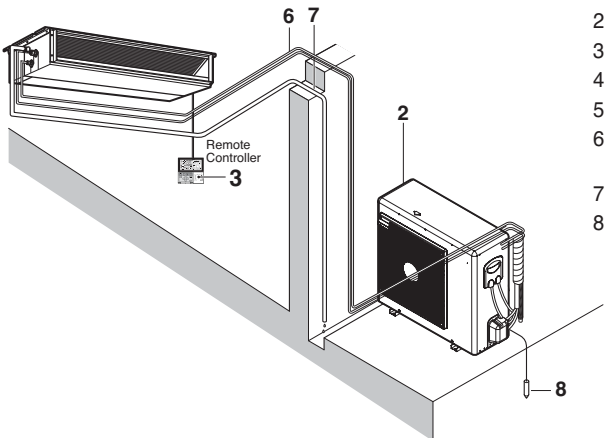
1. Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
2. Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to possible electric shock.
3. When cleaning the unit, first make sure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

Product Introduction

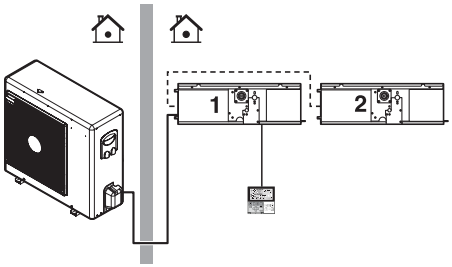
Name and function of parts



1: Indoor unit
2: Outdoor unit
3: Remote controller
4: Inlet air
5: Discharge air
6: Refrigerant piping, connection electric wire
7: Drain pipe
8: Ground wire
wire to ground outdoor unit to prevent electrical shocks.

What to do before operation

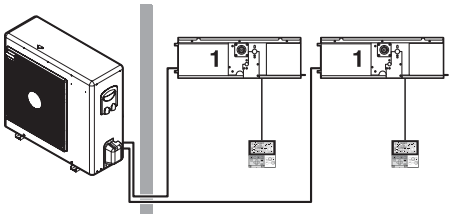
Pair system or Simultaneous operation system



If your installation has a customized control system, ask your LG dealer for the operation that corresponds to your system.

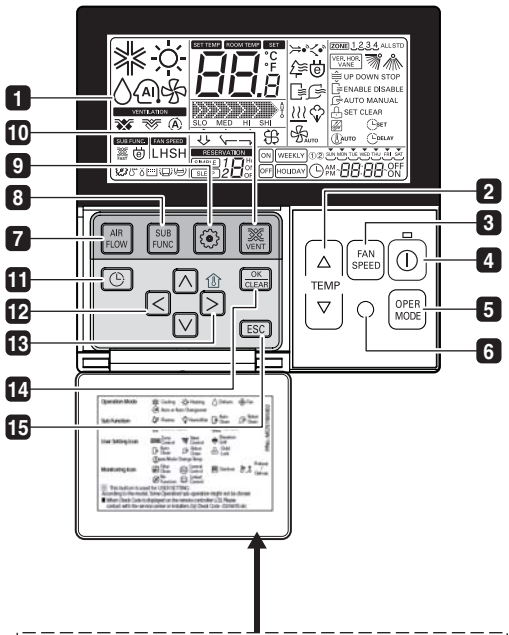
1: Unit with remote controller
2: Unit without remote controller (when used as simultaneous operation)

Multi system



Operating Instructions

Wired Remote Controller(Accessory :PQRCVSL0QW)

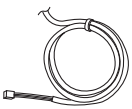


Please attach the inform label inside of the door.
Please choose proper language depend on your country.

1. **OPERATION INDICATION SCREEN**
2. **SET TEMPERATURE BUTTON**
3. **FAN SPEED BUTTON**
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**
14. **SETTING/CANCEL BUTTON**
15. **EXIT BUTTON**

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

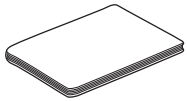
Accessory



Connection Cable
(1EA, 10m)



Screw
(4 EA)

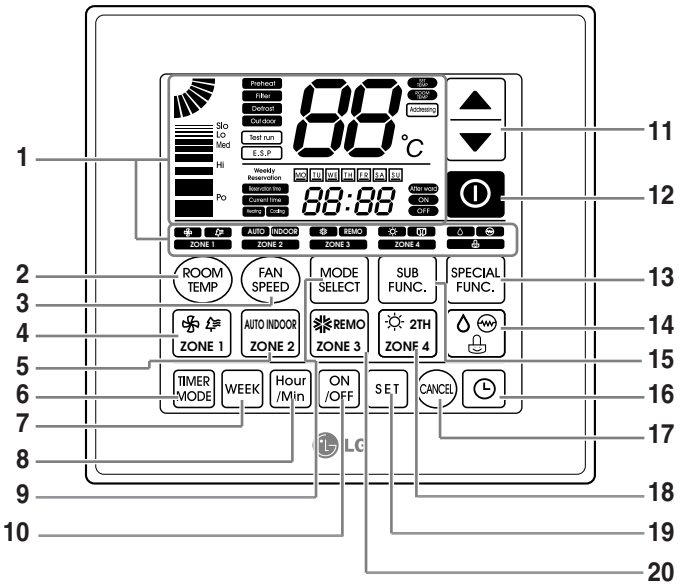


Owner's / Installation manual



Inform label
(8EA-8Languages)

Deluxe wired remote controller(Accessory:PDRCUDB0)



1. Operation display panel
2. Room temperature button
3. Fan speed button
4. Fan/ Plasma/ Zone1 button
5. Auto/ Indoor/ Zone2 button
6. Timer mode button
7. Date selection button
8. Hour/Minute button
9. Mode selection button
10. On/Off button for reservation
11. Temperature control button
12. On/Off button
13. Special function button
14. Dehumidification/ Heater/ Child lock button
15. Sub function button
16. Easy reservation button
17. Cancel button
18. Heating/ Two thermistor/ Zone4 button
19. Setting button
20. Cooling/ Remo/ Zone3 button

Each function will be shown on the display panel for three second or so when the initial power is on.

The analog panel enables you to use the remote controller with a touch of your own finger without pressing any extra button.

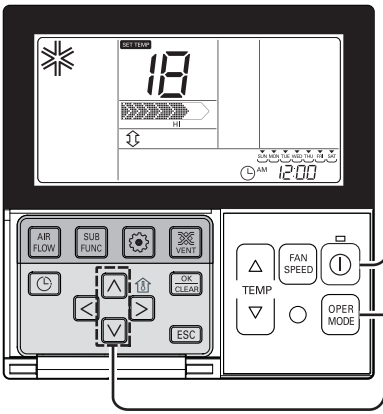
However, if you press more than one button at the same time, it may cause malfunction.

The above picture differ from model to model.

Operating Instructions

Cooling Mode - Standard Operation

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.

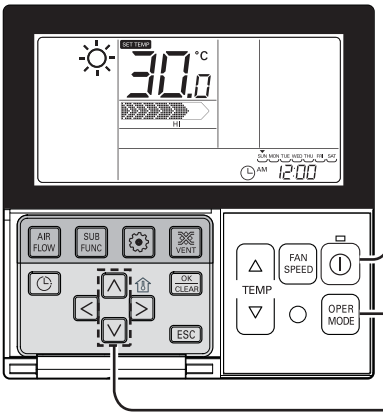




※ Setting Temp Range :
18˚C~30˚C (64˚F~86˚F)

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.

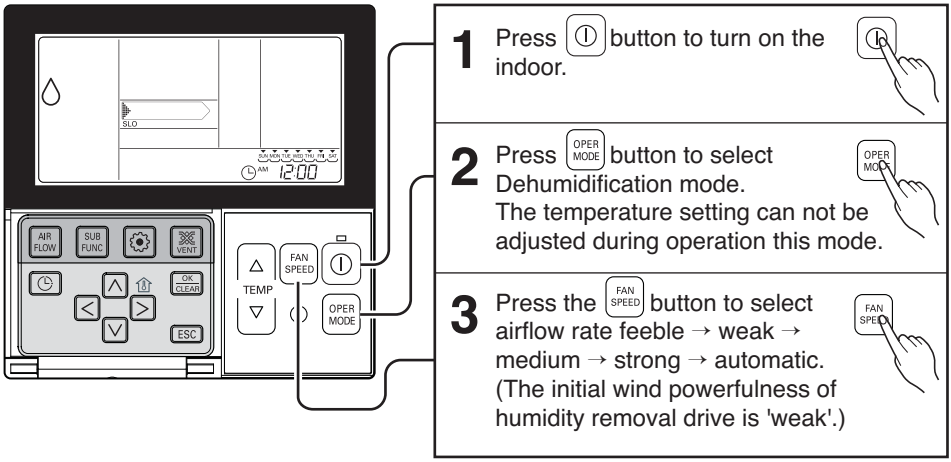
When setting the desired temperature lower than room temperature, there is only ventilation wind.



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

Dehumidification Mode

It removes humidity while air-cooling weakly.



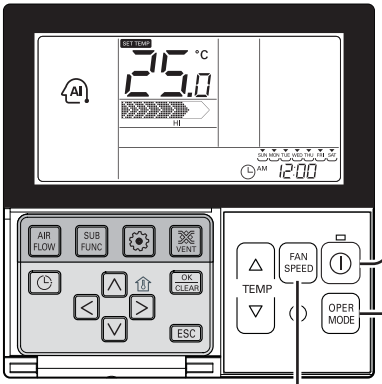
1 Press ⏻ button to turn on the indoor.

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.

Auto Operation Mode



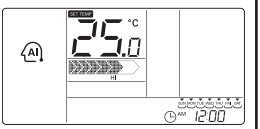
1 Press ⏻ button to turn on the indoor.



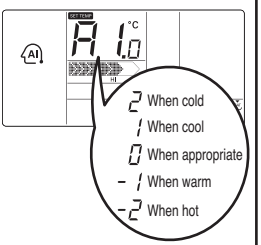
2 Press OPER MODE button to select Artificial intelligence Mode.



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".

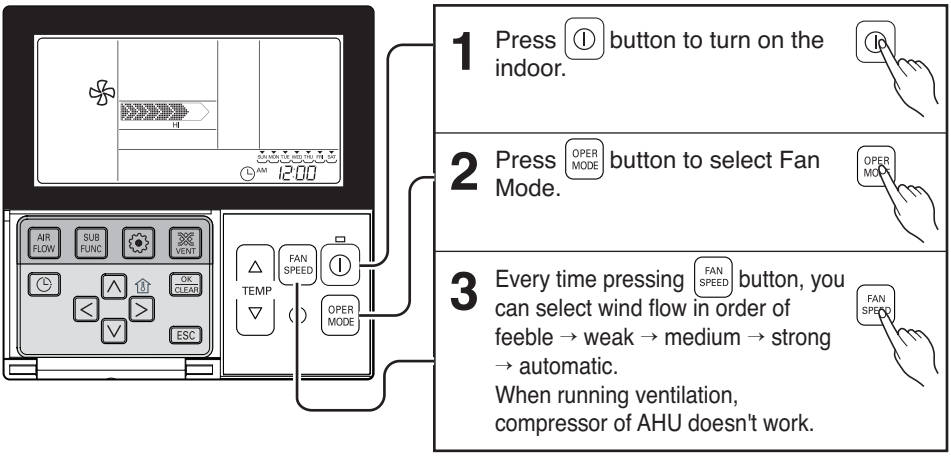


During operating Auto Operation mode:

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

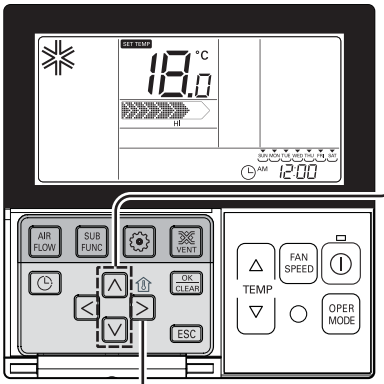
Fan Mode

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



- 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.

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.

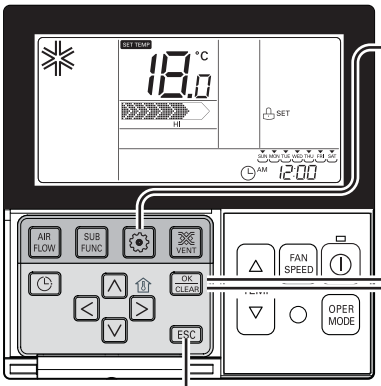
Room Temperature Check

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.

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.



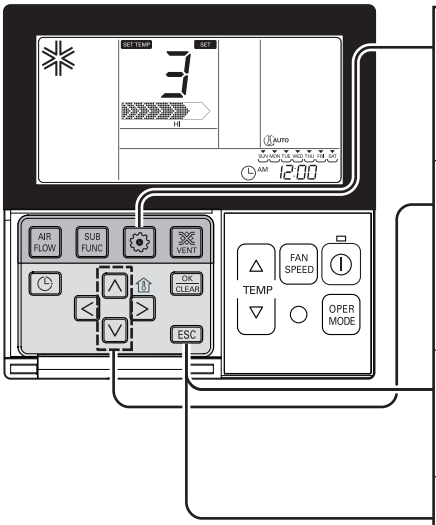
3 When cancelling lock function, if moving to 'cancel' icon by pressing ◁ ▷ button and then, pressing OK CLEAR button, child lock function is cancelled.

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 : Mode 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.



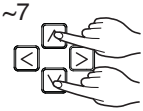
1 Repeat pressing ⚙ button until AUTO icon flash.



2 Press △ ▽ button to change.

✻ Converting temp value : 1~7

1 → 3



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

3



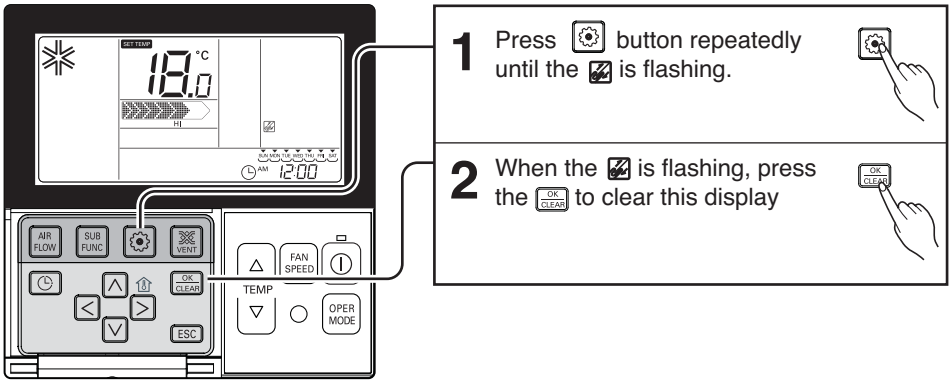
4 Press ESC button to exit or system will automatically release without any input after 25 seconds.

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



Function setting : Filter Sign Clear

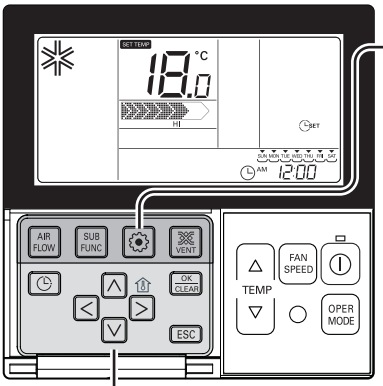
This function is to clear the indicator of indoor filter cleaning.



- 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.

Setting Current Time



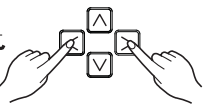
1 Please press function setup button. If pressing function setup button repeatedly, it moves to time setup menu. 'Time setup' icon is indicated at that time and date blinks at current time indication area.



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

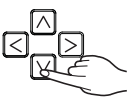
2 Press < > key to adjust the current day.

SUN MON TUE WED THU FRI SAT

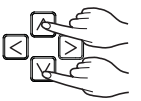


3 Press ∨ key to move to AM/ PM setting mode (the 'AM/ PM segment will flash).

AM 12:00

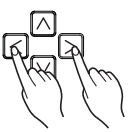


4 Setting AM/ PM value by pressing ∧ ∨ button.



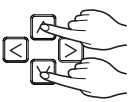
5 Press < > button to move to 'Hour' setting mode. (the 'Hour' segment will flash)

AM 12:00



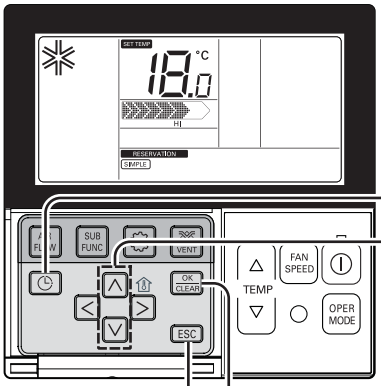
6 Setting Hour value by pressing ∧ ∨ button.

AM 10:00



Programming : Setting Simple Reservation

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



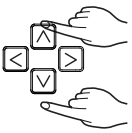
1 Press ⏲ button to enter the Programming mode.
(the SIMPLE segment flashing)



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.

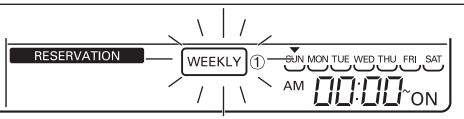
❊ When simple reservation setup, product automatically runs or stops after the time that is set.

Programming : Weekly Reservation

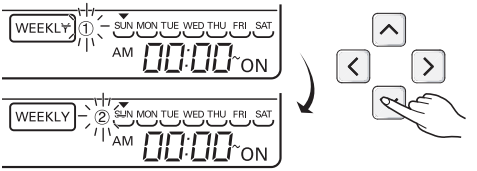
You can set the daily reservation in weekly unit.
Weekly reservation keeps operating until before you cancel it once you setup

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.

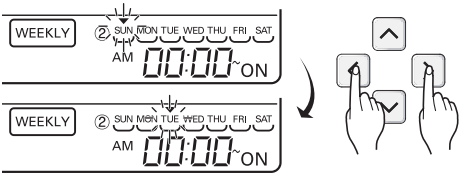
2 Please move to 'weekly' by repeatedly pressing reservation button. 'Weekly' blinks at this time.



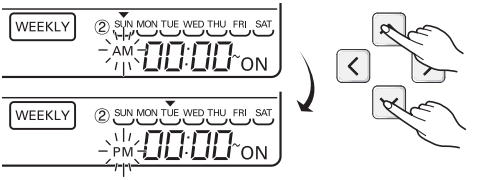
3 Please select weekly reservation or weekly reservation ¡ by using ∧ ∨ button.
❊ You can setup two reservations, weekly reservation 1 and weekly reservation 2, for a day.



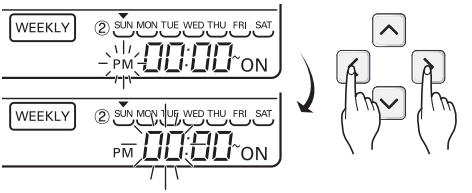
4 Please move to 'date' setup part by using < > button. If 'date' indication blinks, please setup date. You can setup date from Monday to Sunday.



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.



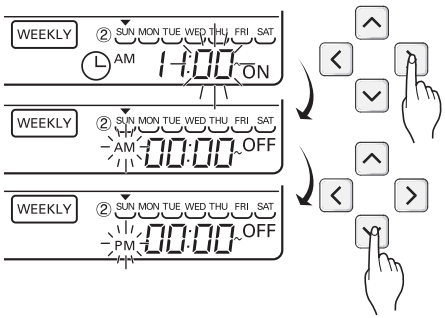
7 Please change time by using ∧ ∨ button.
- You can setup hour 0~12.

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

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

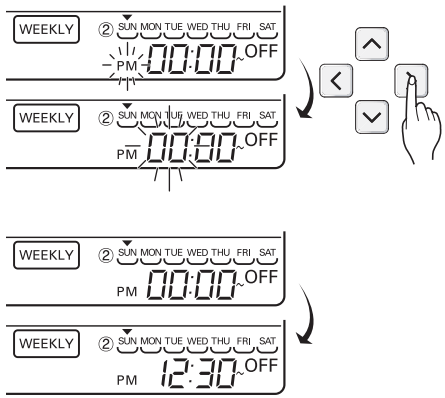
ENGLISH

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'.

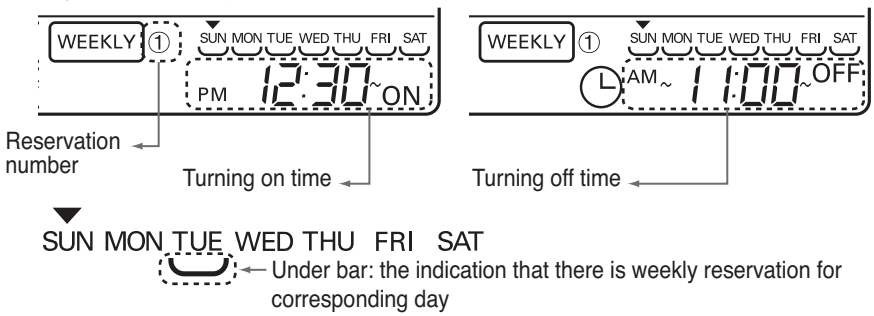
✻ Please setup 'hour' and 'minute' identically with the method to setup turning on time.



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.

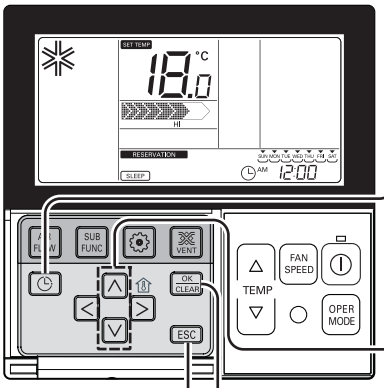
Weekly reservation explanation



✻ 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°C~30°C)
- When desired temperature is not set, it is turned on automatically with desired temperature of previous operation.

Programming : Setting 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 [clock] button to enter the Programming mode.
Ex) Setting Sleep Reservation time as '3'.



2 Repeat pressing [clock] 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.

1h ➜ 3h



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.

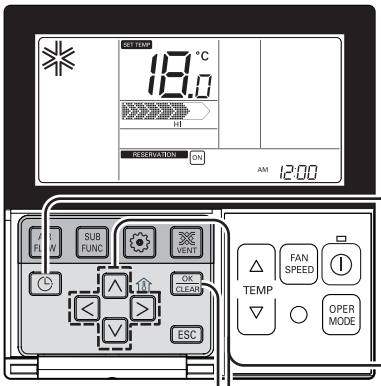
⚠CAUTION

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 : Setting ON Reservation

Automatically turned On at reserved time that you set.



1 Press ⏲ button.

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

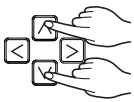


2 Repeat pressing ⏲ button to enter the ON reservation setting mode.
(ON segment flashing)



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

AM 12:00

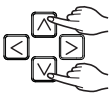


4 Press < > button to Hour setting mode. When the Hour icon flash, please setting time.
The setting range is within 1~12.

AM 12:00



AM 10:00

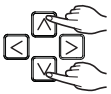


5 Press < > button to shift to Minute setting mode. When the Minute icon flash, please setting minute the setting range is within 00~59.



AM 10:00

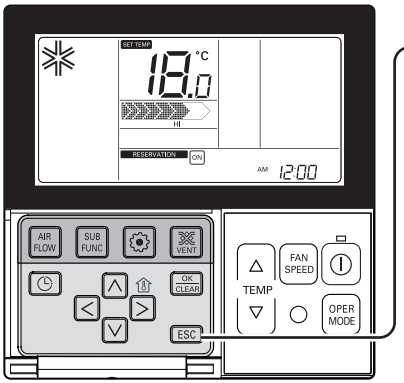
AM 10:20



6 Press OK CLEAR button to finish setting.

AM 10:20



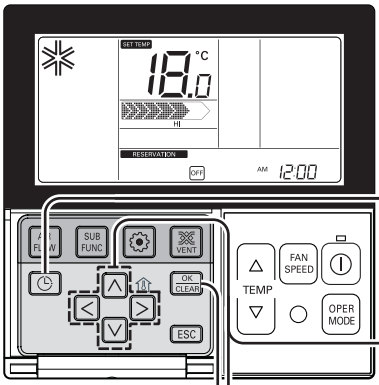


7 Press ESC button to exit.

- ❊ 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 : Setting OFF Reservation

Automatically turned Off at reserved time that you set.



1 Press [clock] button.

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

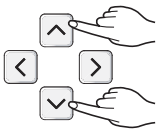


2 Repeatedly pressing [clock] button to enter the OFF reservation setting mode.
([OFF] segment flashing)



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

AM 12:00

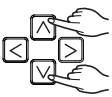


4 Press [<] [>] button to shift to Hour setting mode. When the Hour icon flash, please setting time.
The setting range is within 1~12.

AM 12:00



AM 10:00

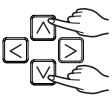


5 Press [<] [>] button to shift to Minute setting mode. When the Minute icon flash, please setting minute the setting range is within 00~59.

AM 10:00



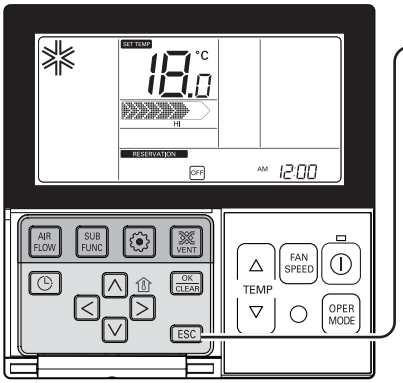
AM 10:20



6 Press [OK CLEAR] button to finish setting.

AM 10:20



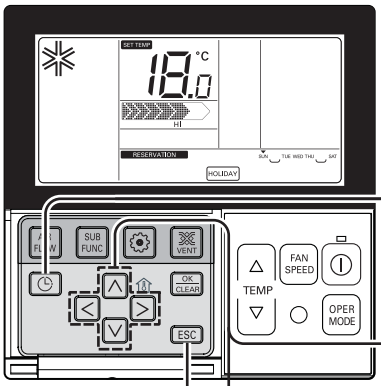


7 Press ESC button to exit.

- ❊ 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

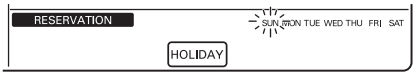
It automatically stops at reserved day that you set.



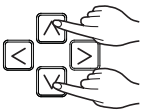
1 Please press [clock] button.
It enters into reservation setup mode.



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



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





4 Please appoint or cancel holiday by using [^] [v] 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.

Maintenance and Service

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

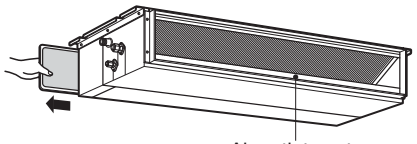
Grille, Case, and Remote Controller

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

NOTE Power supply must be disconnected before cleaning the indoor unit.

Air Filters

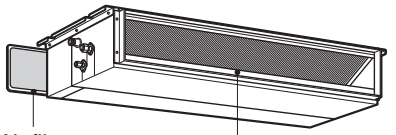
The air filters behind the front grille should be checked and cleaned once every 2 weeks or more often if neccessary.



Air outlet vent

■ 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.





Air filters

Air outlet vent

1. Remove the 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. 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.

3. 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.

4. Install the 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.

- Have you made a mistake in timer operation?
- Has the fuse blown or has the circuit breaker been tripped?

The room has a peculiar odor.

- 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.

- Condensation occurs when the airflow from the air conditioner cools the warm room air.

Air conditioner does not operate for about 3 minutes when restart.

- This is the protector of the mechanism.
- Wait about three minutes and operation will begin.

Does not cool or heat effectively.

- 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?

The air conditioner operation is noisy.

- 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.

Crack sound is heard.

- This sound is generated by the expansion/ constriction of the front panel, etc. due to changes of temperature.

Filter sign lamp is ON.

- Cleaning the filter, press the Timer button and ◀ button of wired remote controller at the same time for 3 sec.

Remote control display is faint, or no display at all.

- Are the batteries depleted?
- Are the batteries inserted in the opposite (+) and (-) directions?

NOTE

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.


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