LG
Life's Good

OWNER'S MANUAL
AIR CONDITIONER

Read this owner's manual thoroughly before operating the appliance and keep it handy for reference at all times.

TYPE: Cassette 4-Way

ENGLISH

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This manual may contain images or content different from the model you purchased. This manual is subject to revision by the manufacturer.

SAFETY INSTRUCTIONS

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MAINTENANCE

TROUBLESHOOTING

SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

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.

Safety Messages

⚠ 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

⚠ WARNING

- To reduce the risk of explosion, fire, death, electric shock, injury or scalding to persons when using this product, follow basic precautions, including the following:

Children in the Household

- 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

- This appliance must be properly grounded to minimize risk of electric shock.
- Do not connect the ground wire to a gas pipe, a lightning rod, or a telephone ground wire.
- Install the panel and the cover of the control box safely.
- Contact an authorized service center when installing or relocating the air conditioner.
- Do not install the appliance on an unstable surface or in a place where there is danger of it falling.
- Do not install the unit in an area where there are flammable materials.
- Install dedicated electric outlet and earth leakage breaker before using the appliance.
- Do not install, remove, or reinstall the unit by yourself (customer).
- The indoor/outdoor wiring connections must be secured tightly, and the cable should be routed properly so that there is no force pulling the cable from the connection terminals. Improper or loose connections can cause heat generation or fire.
- When installing the unit, use the installation kit provided with the product.
- The appliance shall be installed in accordance with national wiring regulations.
- Do not use a defective or underrated circuit breaker.
- Do not plug multiple socket outlets, an extension power cable or adapter with this appliance.

ENGLISH

- If the supply cord is damaged, it must be replaced by the manufacturer or its service agents or similarly qualified person in order to avoid a hazard.
- Use standard circuit breaker and fuse that conform to the rating of the air conditioner.
- Do not modify or extend the power cable. Scratches or peeling insulation on the power cables may result in fire or electric shock, and should be replaced.
- Make sure that the power cable is neither dirty, loose, nor broken.
- Turn off the power and unplug the power cord before you perform any maintenance; otherwise it may cause electric shock.
- Unplug the power plug during a severe thunderstorm or lightening or when not in use for a long period of time.
- Take care to ensure that power cable could not be pulled out or damaged during operation.
- Do not place any objects on the power cable.
- Do not plug or unplug the power supply plug to turn the unit ON/OFF.
- Appliance shall be disconnected from its power source during service and when replacing parts.

Operation

- When the product is soaked (flooded or submerged) in water, contact an Authorized Service Center for repair before using it again.
- Use only the refrigerant specified on the air conditioner label.
- Do not touch the power plug or the appliance controls with wet hands.
- Do not place a heater or other heating appliances near the power cable.
- Do not allow water to run into electric parts. Install the unit away from water sources.
- Do not use flammable gas and combustible substances (benzene, gasoline, thinner, petroleum, alcohol, etc.) near the appliance.

- Stop operation and close the window in storm or hurricane. If possible, remove the product from the window before the hurricane arrives.
- Be cautious that water could not enter the product.
- In outdoor unit the step-up capacitor supplies high voltage electricity to the electrical components. Be sure to discharge the capacitor completely before conducting the repair work.
- Be sure to use only those parts listed in the service parts list. Never attempt to modify the equipment.
- Do not use the product in a tightly closed space for a long time. Perform ventilation regularly.
- Do not open the front grille of the product during operation. (Do not touch the electrostatic filter, if the unit is so equipped.)
- If strange sounds, smell or smoke comes from product. Immediately turn the breaker off or disconnect the power supply cable.
- Be sure to ventilate sufficiently when the air conditioner and a heating appliance such as a heater are used simultaneously.
- Make sure that do not climb on or hit the outdoor unit.
- 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.
- Use a vacuum pump or Inert (nitrogen) gas when doing leakage test or air purge. Do not compress air or Oxygen and Do not use Flammable gases.
- Do not touch refrigerant pipe, water pipe and any internal parts while the unit is operating or immediately after operation.

Maintenance

- Safely dispose of packing materials such as screws, nails or batteries using proper packaging after installation or repair.

CAUTION

⚠ CAUTION

- To reduce the risk of explosion, fire, death, electric shock, injury or scalding to persons when using this product, follow basic precautions, including the following:

Installation

- Two or more people must lift and transport the product.
- Do not install the air conditioner in an area where it is directly exposed to sea wind (salt spray).
- Install the drain hose properly for the smooth drainage of water condensation.
- Adjust the level after placing the appliance in the installation area.
- Install the air conditioner in a place where the noise from the outdoor unit or the exhaust fumes will not inconvenience the neighbors. Failure to do so may result in conflict with the neighbors.
- Be sure to check if there is a refrigerant leak after installing or repairing the air conditioner.
- Exercise caution when unpacking or installing the air conditioner.
- Do not touch the leaking refrigerant during installation or repair.
- Do not tilt the appliance to pull or push it when transporting.
- Do not mix air or gas other than the specified refrigerant used in the system.
- If the refrigerant gas leaks during the installation, ventilate the area immediately.
- Dismantling the unit, treatment of the refrigerant oil and eventual parts should be done in accordance with local and national standards.
- 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 use the product for special purposes, such as preserving foods, works of art, and etc. It is an air conditioner for consumer purposes, not a precision refrigeration system.
- Do not block the inlet or outlet of air flow.
- Never touch the metal parts of the air conditioner when removing the air filter.
- Do not place any object on the air conditioner.
- Do not insert hands or other objects through the air inlet or outlet while the air conditioner is operating.
- Never mix different types of batteries, or old and new batteries for the remote control.
- Dispose of the batteries in a place where there is no danger of fire.
- Stop using the remote control if there is a fluid leak in the battery. If your clothes or skin are exposed to the leaking battery fluid, wash off with clean water.
- If the leaking battery fluid has been swallowed, wash off the inside of the mouth thoroughly and consult a doctor.
- Do not let the air conditioner run for a long time when humidity is very high or when a door or a window has been left open.
- Do not expose people, animals, or plants to the cold or hot wind from the air conditioner for extended periods of time.
- Do not drink the water drained from the air conditioner.
- 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.

Maintenance

- Use a soft cloth to clean. Do not use harsh detergents, solvents or splashing water etc.
- Clean the air filters once every 2 weeks, or more, if necessary.
- Use a sturdy stool or ladder when cleaning, maintaining, or repairing the air conditioner at a height.
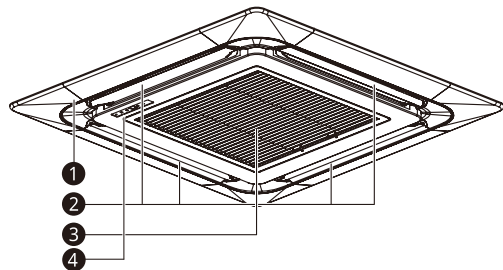
OPERATION

Notes for Operation

Suggestion for Energy Saving

- Do not over-cool the space. 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, within a short period of time.
- Open windows regularly for ventilation. The indoor air quality may deteriorate if the air conditioner is used for long durations.
- Clean the air filter once every 2 weeks. Dust and impurities collected in the air filter may block the air flow or reduce the unit performance.

Product Overviews

Indoor Unit

Type 1

Type 2

① Front Panel		⑦ Timer	
② Air Discharge		⑧ Remote Sensor	
③ Air Inlet		⑨ Filter Sign	
④ Signal Receiver		⑩ On/Off	
⑤ Forced Operation Button		⑪ Lamp	
⑥ Defrost Mode			
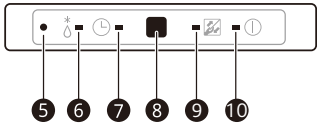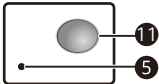
NOTE

- The number and location of operation lamps may vary according to the model of the air conditioner.
- The feature may be changed according to the type of model.

Operating Method

The signal receiver is inside the unit.

- Point the remote control towards the signal receiver at the right side of the air conditioner to operate it.
  - There should not be any obstacles blocking the remote controller.
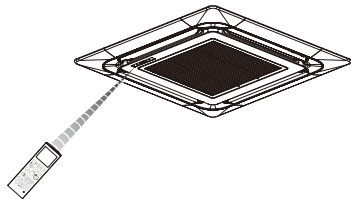
Operation Indication Lamps

Type 1

⏻	On/Off	Lights up during the system operation.
🔲	Filter Sign	Lights up after 2 400 hours from the time of first operating unit.
🕓	Timer	Lights up during Timer operation.
✳ ♦	Defrost Mode	Lights up during Defrost Mode or Hot Start operation. (Heat pump model only)
•	Forced Operation Button	To operate the unit when the remote control can't be used for any reason.

Type 2

① Lamp
② Forced Operation Button
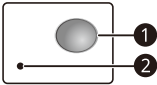
Description	Lamp Color
Cooling mode	Green
Heating mode	Green
Time to clean filter in cooling/ heating mode	Yellowish Green
Time to clean filter when product is not opeating	Orange
Hot start or defrost mode before starting heating mode	Green
When reservation set on	Yellowish Green

① Lamp

② Forced Operation Button

※ The Clean Filter indicator lamp does not light up starting from the corresponding product manufacturing number (after Oct. 2021).

Wired Remote Control

Remote Control Overviews

You can operate the air conditioner more conveniently with the remote control.
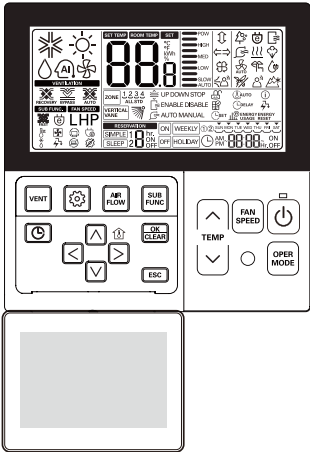
Button	Display Screen	Description
⏻	-	To turn on/off the air conditioner.
∧ ∨ TEMP	88⁸	Used to select the room temperature.
OPER MODE	❄	To select the cooling mode.
	☀	To select the heating mode.
	◌	To select the dehumidification mode.
	🌀	To select the fan mode.
	AI	To select the auto changeover/auto operation mode.
FAN SPEED	-	To adjust the fan speed.
	Po	To select the power cooling/power heating mode.
SUB FUNC	♨	To select the plasma purification.
AIR FLOW	🌀⇐⇒⇕	To adjust the air flow direction vertically or horizontally.
⚙	-	To select the additional operations function.
VENT	-	For interlocking operations of air conditioner and ventilator.
⏰	-	To schedule an operation.
◁∧▷∨	-	To adjust time. To display the room temperature.
OK/CLEAR	-	To save the settings in the menu.
ESC	-	To exit the menu.

NOTE

• Depending on the product type, some functions may not be available and displayed.
• Some products may not receive wired signals.
• When using the simultaneous operation system, the system will operate approximately 1 - 2 minutes after pressing the remote controller button.
• The displayed temperature can be different from the actual room temperature if the remote controller is installed somewhere exposed to direct sunlight or is nearby a heat source.
• Depending on the product, wireless and wired remote control are optional or basic.
• Heating Mode is not available for Cooling only Models.
• Buttons may be changed according to the type of model.

Using the Mode Function

This function allows you to select the desired function.

Cooling Mode

1 Turn the appliance on.

2 Press **OPER MODE** button repeatedly to select the Cooling Mode.
   • ❄ is displayed on the display screen.

3 Press ⋀ or ⋁ button to set the desired temperature.

4 Press **FAN SPEED** button repeatedly to adjust the fan speed.

Heating Mode

1 Turn the appliance on.

2 Press **OPER MODE** button repeatedly to select the Heating Mode.
   • ☼ is displayed on the display screen.

3 Press ⋀ or ⋁ button to set the desired temperature.

4 Press **FAN SPEED** button repeatedly to adjust the fan speed.

NOTE
• Heating Mode is not available for Cooling only models.

Dehumidification Mode

It removes humidity while slightly cooling the air.

1 Turn the appliance on.

2 Press **OPER MODE** button repeatedly to select the Dehumidification Mode.
   • ○ is displayed on the display screen.

3 Press **FAN SPEED** button repeatedly to adjust the fan speed.

NOTE
• The temperature setting can not be adjusted when this mode is operating.
• During rainy seasons or in high-humidity climates, it is possible to simultaneously operate the dehumidifier and cooling mode to remove humidity effectively.
• In this mode you cannot adjust the room temperature, it is adjusted automatically.
• The menu item might not be partially selected according to product function.

Fan Mode

This mode only circulates the indoor air without changing the room temperature.

1 Turn the appliance on.

2 Press **OPER MODE** button repeatedly to select the Fan Mode.
   • ✿ is displayed on the display screen.

3 Press **FAN SPEED** button repeatedly to adjust the fan speed.

NOTE
• The menu item might not be partially selected according to product function.

Using the Auto Operation Function

Auto Operation Mode

This mode automatically sets the fan speed and temperature depending on the room temperature.

Cooling Only Model

1 Turn the appliance on.

2 Press **OPER MODE** button repeatedly to select the Auto Operation Mode.
  • is displayed on the display screen.
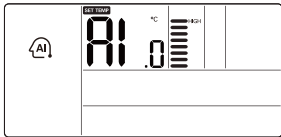
3 Press or button to set the desired temperature.

Code	Description
2	Cold
1	A little cold
0	Maintain room temperature
-1	A little hot
-2	Hot

4 Press **FAN SPEED** button repeatedly to adjust the fan speed.

NOTE
• It can be switched to another operation mode manually.
• Some functions may not be supported, depending on the model.

Cooling & Heating Model

This mode changes the mode automatically to maintain the set temperature at ±2 °C

1 Turn the appliance on.

2 Press **OPER MODE** button repeatedly to select the Auto Operation Mode.
  • is displayed on the display screen.
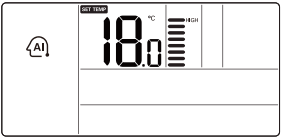
3 Press or button to set the desired temperature.

**4** Press **FAN SPEED** button repeatedly to adjust the fan speed.

NOTE
• This function is not available for Cooling only models.
• The menu item might not be partially selected according to product function.
• Some functions may not be supported, depending on the model.

Auto Changeover Mode - Setting the Mode Change Temperature

Cooling & Heating Model

The Mode Change Temperature is the difference of temperature when from cooling mode to heating mode or from heating mode to cooling mode.

1 In Auto Operation Mode, Press the �“⚙” button to select Setting the Mode Change Temperature.

   • 🌡AUTO is displayed on the display screen.

2 Press ∧ or ∨ button to set desired Mode Change Temperautre.

   • Default value is 2 °C
   • Setting temp range: 1 °C ~ 7 °C
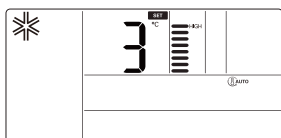
3 Press **OK/CLEAR** button to complete the setting.

4 Press **ESC** button to exit the setup mode.

NOTE

• Press button to exit or system will automatically release without any input after 60 seconds.

• When exiting without pressing the set button, the changed value is not applied.

• This function is not available for Cooling only models.

Using the Temperature Setting Function

Temperature Setting

Use this function to adjust the desired temperature.

• ∧ : Increases 1 °C or 2 °F each time pressed.

• ∨ : Decreases 1 °C or 2 °F each time pressed.

NOTE

• 5 °C is proper for the difference between room and outside temperature.

• Cooling operation

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

   − Setting temp range: 18 °C ~ 30 °C
   UAE Only: 20 °C ~ 30 °C

• Heating operation

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

   − Setting temp range: 16 °C ~ 30 °C

• Some functions may not be supported, depending on the model.

Using the Room Temperature Check Function

• Press 🏠“⬆▷” button.

   − The room temperature will be displayed for 5 seconds.

NOTE

• After 5 seconds, it is switched to display the desired temperature.

• Because of location of remote controller, the real room temperature and the this displayed value can be different.

Using the Fan Speed Function

Adjusting the Fan Speed

1 Turn the appliance on.

2 Press **FAN SPEED** button repeatedly to adjust the fan speed.

NOTE
• The menu item might not be partially selected according to product function.
• The feature may be changed according to the type of model.

Power Cooling Mode

1 Turn the appliance on.

2 Press **OPER MODE** button repeatedly to select the Cooling Mode

3 Press **FAN SPEED** button repeatedly to select the Power Cooling mode.
• P_o is displayed on the display screen.

NOTE
• Desired Temperature: Po (Common : 18 °C, UAE Only : 20 °C)
• Wind Flow: Power wind
• Wind Direction: Fixed to the cooling position
• Some appliances do not feature power cooling function.

Power Heating Mode

1 Turn the appliance on.

2 Press **OPER MODE** button repeatedly to select the Heating Mode.

3 Press **FAN SPEED** button repeatedly to select the Power heating mode.
• P_o is displayed on the display screen.

NOTE
• This function is not available for Cooling only models.
• Some functions may not be supported, depending on the model.

Using the Air Flow Direction Function

This function adjusts the direction of the air flow vertically (horizontally).

• Press **AIR FLOW** button repeatedly and select the desired direction.

NOTE
• The menu item might not be partially selected according to product function.
• The feature may be changed according to the type of model.

Using Special Functions

Vane Angle Control Function

It adjusts the angle at which the air flows.

1 Press 🔘 button repeatedly to select Vane Angle Control.
   • ⚡ is displayed on the display screen.

2 Press ◁ or ▷ button to set the desired vane number.
   • Vane Number: No. 1, 2, 3, 4, All, Standard.

3 Select vane angle using ∧ or ∨ button.

4 Press **OK/CLEAR** button to complete and activate the setting process.

5 Press **ESC** button to exit the setup mode.

NOTE
• After setup, it automatically exits setup mode if there is no button input for 60 seconds.
• When "standard" is selected for the vane number, the wind angle does not move.
• When exiting without pressing the set button, the changed value is not applied.
• Airflow direction function will be released whenever the vane angle is set.
• The menu item might not be partially selected according to product function.

Elevation Grill Function

This function is to move the indoor filter up or down for cleaning filter.

1 Press 🔘 button repeatedly until the ≋ icon flashes.

2 Move to descent using ◁ or ▷ button and press **OK/CLEAR** button will display **DOWN** icon and the grill will descent.

3 When grill descents to the desired position, move to **STOP** icon using ◁ or ▷ button and press **OK/CLEAR** button to stop up/down grill.

4 Press **ESC** button to exit the setup mode.

NOTE
• After setup, it automatically exits setup mode if there is no button input for 60 seconds.
• When exiting without pressing the set button, the changed value is not applied.
• Elevation grill function only operates in the indoor unit equipped with an elevation grill.
• Some functions may not be supported, depending on the model.

Child Lock Function

Use this option to disable the controls. This feature can prevent children from changing cycles or operating the appliance.

1 Press 🔘 button repeatedly until the 🔒 icon flashes.

2 Press ◁ or ▷ button repeatedly until the 🔒 icon flashes.

3 Press **OK/CLEAR** button to complete the setting.

4 Press **ESC** button to exit the setup mode.

NOTE

• After setup, it automatically exits setup mode if there is no button input for 60 seconds.

• When exiting without pressing the set button, the changed value is not applied.

• When cancelling lock function, if moving to 🔓 icon by pressing ◁ or ▷ button and then, pressing **OK/CLEAR** button, child lock function is cancelled.

Filter Sign Clear Function

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

1 Press 🔘 button repeatedly until the 🔲 icon flashes.

2 Press **OK/CLEAR** button to complete the setting.

NOTE

• When the filter is covered with dust, the cooling/heating efficiency will be reduced and more electric power will be required. Clean the filter whenever cleaning time is expired.

• Filter cleaning indication is automatically cancelled after a certain period of time without having to cancel it manually.

Change Current Time Function

1 Press 🔘 button repeatedly until the ⏱SET icon flashes.

2 Press ◁ or ▷ to adjust the current day.

3 Press ∨ key to switch to AM/PM setting mode.
   • The AM/PM segment will flash.

4 Press ∧ or ∨ button to set the desired AM/PM value.

5 Press ◁ or ▷ to switch to Hour setting mode.
   • The Hour segment will flash.

6 Press ∧ or ∨ button to set the desired Hour value.

7 Press ◁ or ▷ to switch to Minute setting mode.
   • The Minute segment will flash.

8 Press ∧ or ∨ button to set the desired Minute value.

9 Press **OK/CLEAR** button to complete the setting.

10 Press **ESC** button to exit the setup mode.

NOTE

• In case of exit with incomplete information, it will return to the previous setting.

• When exiting without pressing the set button, the changed value is not applied.

Using the Reservation Function

Simple Reservation Function

It is automatically turned on or off at the set time.

1 Press ⏱ button repeatedly until the **SIMPLE** icon flashes.

2 Press ∧ or ∨ button to adjust the sheduled time.
   • The timer can be set from 1 to 7 hours.

3 Press **OK/CLEAR** button to complete the setting.

4 Press **ESC** button to exit the setup mode.

NOTE
• After setup, it automatically exits setup mode if there is no button input for 25 seconds.
• When exiting without pressing the set button, the changed value is not applied.

Sleep Reservation Function

The product runs in the sleep mode or it stops after a certain period of time while you are sleeping. When the sleep mode is programmed after connecting to a ventilator, and in a certain period of time after sleep mode operation, only sleep mode will be cancelled.

1 Press ⏱ button repeatedly until the **SLEEP** icon flashes.

2 Press ∧ or ∨ button to adjust the sheduled time.
   • The timer can be set from 1 to 7 hours.

3 Press **OK/CLEAR** button to complete the setting.

4 Press **ESC** button to exit the setup mode.

NOTE
• After setup, it automatically exits setup mode if there is no button input for 25 seconds.
• When exiting without pressing the set button, the changed value is not applied.
• When the sleep timer is set, the air conditioner operates in the sleep mode and stops at the set time.
• Please set the timer properly when sleeping. (Excessive cooling is not good for your health.)
• Since it automatically adjusts the desired cooling temperature in the sleep mode for comfort, the desired temperature of the remote controller may be different from the desired temperature of the air conditioner.
• Sleep reservation operates as off reservation for the product whose temperature adjustment isn't controlled by unit of 0.5 °C

On Reservation Function

It is automatically turned on at the set time.

1 Press ⏱ button repeatedly until the **ON** icon flashes.

2 Set the AM/PM, Hour and Minute in the same way as for the Changing Current Time Function.

3 Press **OK/CLEAR** button to complete the setting.

4 Press **ESC** button to exit the setup mode.

NOTE
• After setup, it automatically exits setup mode if there is no button input for 25 seconds.
• When exiting without pressing the set button, the changed value is not applied.
• If the timer is cancelled, **ON** indication disappears.

Off Reservation Function

It is automatically turned off at the set time.

1 Press ⏲ button repeatedly until the **OFF** icon flashes.

2 Set the AM/PM, Hour and Minute in the same way as for the Changing Current Time Function.

3 Press **OK/CLEAR** button to complete the setting.

4 Press **ESC** button to exit the setup mode.

NOTE
- After setup, it automatically exits setup mode if there is no button input for 25 seconds.
- When exiting without pressing the set button, the changed value is not applied.
- If the timer is cancelled, **OFF** indication disappears.

Holiday Reservation Function

It automatically stops at reserved day that you set.

1 Press ⏲ button repeatedly until the **HOLIDAY** icon flashes.

2 Press < or > button to switch to Date setting mode.

3 Press ∧, ∨ or **OK/CLEAR** button to set or cancel.
- When you setup Monday and Friday to holiday, **MON** and **FRI** letter disappear.

4 Press **ESC** button to exit the setup mode.

NOTE
- Once the holiday timer is set, the air conditioner automatically stops within one hour even when you run the air conditioner unless you cancel holiday timer.

Weekly Reservation Function

You can set the daily reservation in weekly unit.

1 Press ⏲ button repeatedly until the **WEEKLY** icon flashes.

2 Press ∧ or ∨ button to select weekly reservation ① or ②.
- Weekly timer can be programmed up to 2 schedules per day, and up to 14 reservations per week.

3 Press < or > button to switch to Date setting mode.
- The Date segment will flash.

4 Set the AM/PM, Hour and Minute in the same way as for the Changing Current Time Function.
- This section is to program when the product will turn **ON**.

5 Set the AM/PM, Hour and Minute in the same way as for the Changing Current Time Function.
- This section is to program when the product will turn **OFF**.

6 Press **OK/CLEAR** button to complete the setting.

Weekly Reservation Explanation
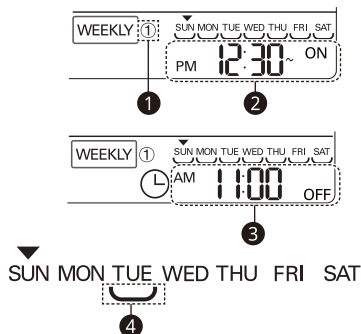
1 Reservation number

2 Turning on time

3 Turning off time

4 Under Bar: The indication that there is a weekly timer set for the day

NOTE

• If you setup in the same method as above by selecting the day that you'd like to setup, it is operated by the weekly timer.

• If you setup the start and end times for the timer the same, the timer would not work.

• The indoor unit is turned on to the desired temperature if it is configured using ∧ or ∨ button in the preset of weekly operation time.

• When the desired temperature is not set, it is turned on automatically to the desired temperature of previous operation.

Using the Optional Function

Ventilation Kit Control (Optional)

It is a function that cools and refreshes indoor air using the ventilation product at the same time operating the air conditioning function.

1 Press the **VENT** button.

2 Press the ⏻ button at ventilation mode will start ventilon.

3 Press the **OPER MODE** button will change the ventilation operation mode.
• Pressing operation selection button will change the mode in the order of 'Heat exchange → normal → automatic'.

4 Press the **FAN SPEED** button to select airflow rate from weak → strong → extra strong.
• If CO_2 sensor is installed, it can select from 'weak → strong → very strong → automatic'.

5 Changing back to air conditioner mode.
• Automatic Conversion: When no button is pressed for 15 seconds or longer, it automatically converts back to air conditioner mode.
• Manual Conversion: Pressing **VENT** button in ventilation mode will manually convert.

NOTE

• It is only used when air conditioner and general ventilation is interlinked.

• It displays the desired temperature when it returns to air condition mode.

Plasma Purification (Optional)

It supplies clean and fresh air with ion particles and the filter.

1 Press **SUB FUNC** button repeatedly to select Air Purification.
  • ⚡° is displayed on the display screen.

2 Press **OK/CLEAR** button to select or cancel the function.
  • ⚡° icon appears or disappears on **SUB FUNC** display part up to selection.

3 Press **ESC** button to exit the setup mode.

NOTE

• After setup, it automatically exits setup mode if there is no button input for 25 seconds.
• When exiting without pressing the set button, the changed value is not applied.
• If you want independent cleaning air drive, please setup cleaning air by pressing additional drive button at ventilation drive.
• The menu item might not be partially selected according to product function.
• Some functions may not be supported, depending on the model.

Comfort Cooling (Optional)

Comfort cooling is the function to keep the comfortable sensation by controlling the cooling strength automatically without turning off the power of the product even after room temperature reaches the desired temperature selected.

1 Press **SUB FUNC** button until comfort cooling 💧 icon is displayed.

2 Comfort cooling icon is blinking on the display screen, and if **OK/CLEAR** button is pressed at this time, Comfort cooling icon is fixed and the function is set.

3 Press the **ESC** button to exit the setting mode.

Wireless Remote Control

Inserting Batteries

1 Remove the battery cover by pulling it according to the arrow direction.

2 Insert new batteries making sure that the (+) and (-) of battery are installed correctly. (Battery Size = AAA).

3 Reattach the cover by sliding it back into position.
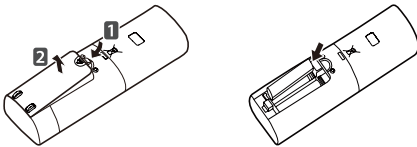
NOTE

• When using or replacing batteries, make sure that they are both the same type.

• If the system is not going to be used for a long time, remove the batteries to save their working life.

• If the display screen of the remote controller starts, fading replace both of the batteries.

Installing the Remote Control Holder

1 Choose a suitable place where its safe & easy to reach.

2 Fix the firmly to the wall with the supplied screws.

3 Slide the remote controller inside the holder.
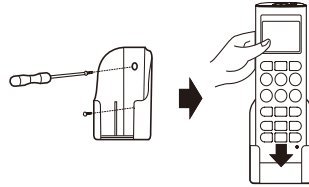
NOTE

• The remote controller should never be exposed to direct sunlight.

• The signal transmitter & receiver should always be clean for proper communication. Use a soft cloth to clean them.

• If other appliances are accidentally affected by the remote controller, change their position or consult your serviceman.

Using Wireless Remote Control

You can operate the air conditioner more conveniently with the remote control.
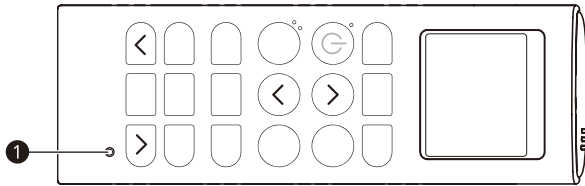
Button	Display Screen	Description
⏻	-	Used to turn on/off the unit.
AIR PURIFY	🌿	Used to start or stop the air purification function.
PLASMA		Used to start or stop the plasma-purification function.
VANE ANGLE	[ ]	Used to set each vane angle.
AIR FLOW	🌬	Used to set airflow.
⌃ ⌄	88°c	Used to select the room temperature.
MODE	-	Used to select the operation mode.
JET MODE	Po	To change room temperature quickly.
JET COOL		
FAN SPEED	-	To adjust the fan speed.
FUNC.	-	Used to set or clear additional function.
🌬 SWING SWING	🌬 �	To adjust the air flow direction vertically or horizontally.
ROOM TEMP	🌡	Used to check the room temperature.
SLEEP	☆	Used to set the time for the sleep function.
ON	-	Used to set the start time.
OFF	-	Used to set the stop time.
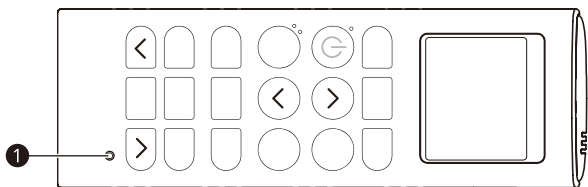
Button	Display Screen	Description
∨ ∧	-	Used to set the timer. Used to adjust the brightness. Used to check the room temperature. (If it is not time adjust mode)
SET/CLEAR	-	Used to set/clear the timer. Used to set the current time. (hold button for 3 seconds)
❶ **RESET**	-	To initialize the remote control settings.

NOTE

- Depending on the product type, some functions may not be available and displayed.
- Some products don't receive the wired signals.
- When using the simultaneous operation system, the system will operate approximately 1 - 2 minutes after pressing the remote controller button.
- The displayed temperature can be different from the actual room temperature if the remote controller is installed somewhere exposed to direct sunlight or is nearby a heat source.
- Depending on the product, wireless and wired remote control are optional or basic.
- Heating Mode is not available for Cooling only Models.
- Buttons may be changed according to the type of model.

Using the Mode Function

Cooling Mode

This cools the room with a comfortable and clean wind.

1 Turn the appliance on.

2 Press **MODE** button repeatedly to select the Cooling Mode.
  • ❋ is displayed on the display screen.

3 Press ⌃ or ⌄ button to set the desired temperature.

4 Press **FAN SPEED** button repeatedly to adjust the fan speed.

NOTE
• Press the **ROOM TEMP** button to check the Room temperature.
• When setting the desired temperature higher than the current room temperature, the unit will produce only ventilation wind.

Power Cooling Mode

This cools the room with a comfortable and clean wind.

1 Turn the appliance on.

2 Press **MODE** button repeatedly to select the Cooling Mode.

3 Press **JET MODE** or **JET COOL** button.
  • P_0 is displayed on the display screen.

NOTE
• To cancel the Power Cooling Mode, Press the **JET MODE** or **JET COOL** button, the **FAN SPEED** button or the **ROOM TEMP** button.
• This rapidly lowers the room temperature.
• Partial appliance has no Power Cooling function.
• The unit will operate at a high fan speed in cooling mode.
• The feature may be changed according to the type of model.

Dehumidification Mode

It removes humidity while slightly cooling the air.

1 Turn the appliance on.

2 Press **MODE** button repeatedly to select the Dehumidification Mode.
  • ◌ is displayed on the display screen.

3 Press **FAN SPEED** button repeatedly to adjust the fan speed.

NOTE
• The temperature setting can not be adjusted when this mode is operating.
• During rainy seasons or in high-humidity climates, it is possible to simultaneously operate the dehumidifier and cooling mode to remove humidity effectively.
• The menu item of wind powerfulness might not be partially selected according to the product.

Heating Mode

This supplies warm wind to the inside of the building.

1 Turn the appliance on.

2 Press **MODE** button repeatedly to select the Heating Mode.
 • ☼ is displayed on the display screen.

3 Press ⌃ or ⌄ button to set the desired temperature.

4 Press **FAN SPEED** button repeatedly to adjust the fan speed.

NOTE
• Press the **ROOM TEMP** button to check the Room temperature.
• When setting the desired temperature lower than the room temperature, the unit will produce only ventilation wind.
• Heating Mode is not available for Cooling only models.
• To check the indoor temperature, press the room temperature button.

Power Heating Mode

1 Turn the appliance on.

2 Press **MODE** button repeatedly to select the Heating Mode.

3 Press **JET MODE** button.
 • Po is displayed on the display screen.

NOTE
• Heating Mode is not available for Cooling only models.
• Some functions may not be supported, depending on the model.

Fan Mode

1 Turn the appliance on.

2 Press **MODE** button repeatedly to select the Fan Mode.
 • ⊗ is displayed on the display screen.

3 Press **FAN SPEED** button repeatedly to adjust the fan speed.

NOTE
• Natural wind based on chaos logic
  – For a fresher feeling than other fan speeds, press the Indoor Fan Speed Selector and set to chaos mode. In this mode, the wind blows like a natural breeze by automatically changing fan speed based on the chaos logic.
• During Fan Mode
  – The outdoor compressor doesn't work. Have a function to circulate the indoor as it sends out the air that doesn't have much temperature difference with indoor.

Using the Auto Operation Function

Auto Operation Mode

This mode automatically sets the fan speed and temperature depending on the room temperature.

Cooling Only Model

In this mode, you cannot adjust the fan speed, but you can set the air deflector to rotate automatically.

1 Turn the appliance on.

2 Press **MODE** button repeatedly to select the Auto Operation Mode.
  • 〈AI〉 is displayed on the display screen.

3 Press 〈∧〉 or 〈∨〉 button to set the desired temperature.
  • Please select the code depend on your feeling.

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

Cooling & Heating Model

This mode changes the mode automatically to maintain the set temperature at ±2 °C

1 Turn the appliance on.

2 Press **MODE** button repeatedly to select the Auto Operation Mode.
  • 〈AI〉 is displayed on the display screen.

3 Press 〈∧〉 or 〈∨〉 button to set the desired temperature.
  • Setting temp range: 18 °C ~ 30 °C

4 Press **FAN SPEED** button repeatedly to adjust the fan speed.

Auto Changeover Mode - Setting the Mode Change Temperature

Cooling & Heating Model

The Mode Change Temperature is the difference of temperature when from cooling mode to heating mode or from heating mode to cooling mode.

1 In Auto Operation Mode, Press the **FUNC.** button to select Setting the Mode Change Temperature.

2 Press 〈∧〉 or 〈∨〉 button to set desired Mode Change Temperautre.
  • Default value is 2 °C
  • Setting temp range: 1 °C ~ 7 °C

NOTE

• When setting temperature is 25 °C and room temperature is 20 °C, then operating mode is heating. If you set the mode change temperature to 2 °C, when the room temperature up to 27 °C(25 °C + 2 °C), the unit start cooling operation.

Using the Temperature Setting Function

Temperature Setting

Use this function to adjust the desired temperature.

⌃ : Increase 1 °C or 1 °F each time pressed.

⌄ : Decrease 1 °C or 1 °F each time pressed.

NOTE

• 5 °C is proper for the difference between room and outside temperature.

• Cooling operation

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

  – Setting temp range: 18 °C ~ 30 °C
    UAE Only: 20 °C ~ 30 °C

• Heating operation

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

  – Setting temp range: 16 °C ~ 30 °C

  – When pressing the **FAN SPEED** button of the remote controller for approx. 3 seconds, the room temperature will be displayed for about 5 seconds before returning to the previous display panel.

• Some functions may not be supported, depending on the model.

Switching Between Celsius/ Fahrenheit

• Press and hold the **ROOM TEMP** or **FUNC.** button long for 5 seconds to change from Celsius to Fahrenheit or from Fahrenheit to Celsius.

NOTE

• Some functions may not be supported, depending on the model.

Using the Fan Speed Function

Adjusting the Fan Speed

1 Turn the appliance on.

2 Press **FAN SPEED** button repeatedly to adjust the fan speed.

NOTE

• The menu item might not be partially selected according to product function.

• The feature may be changed according to the type of model.

Using the Air Flow Direction Function

Up/Down Airflow Direction Control (Optional)

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

1 Turn the appliance on.

2 Press ⬕ button.
• The louvers will swing up and down.

3 Press ⬕ button again to set the vertical louver at the desired airflow direction.

NOTE

• If you press ⬕ button, the horizontal airflow direction is changed automatically based on the Auto Swing algorithm to distribute the air in the room evenly and at the same time to make the human body feel more comfortable, as if enjoying a natural breeze.

• Always use the remote controller to adjust the up/down airflow direction. Manually moving the vertical airflow direction louver by hand, could damage the air conditioner.

• When the unit is shut off, the up/down airflow direction louver will close the air outlet vent of the system.

• Some functions may not be supported, depending on the model.

Left/Right Airflow Direction Control (Optional)

The left/right (horizontal) airflow can be adjusted by using the remote control.

1 Turn the appliance on.

2 Press ⬕ button.
• The louvers will swing left and right.

3 Press ⬕ button again to set the horizontal louver at the desired airflow direction.

NOTE

• Some functions may not be supported, depending on the model.

Indirect Wind (Optional)

It adjusts the wind direction to indirect wind.

1 Turn the appliance on.

2 Press **AIR FLOW** button repeatedly until ⬕ icon displayed.

3 Press **SET/CLEAR** button to set or cancel this function.

NOTE

• Some functions may not be supported, depending on the model.

Direct Wind (Optional)

It adjusts the wind direction to direct wind.

1 Turn the appliance on.

2 Press **AIR FLOW** button repeatedly until ⌐↗ icon displayed.

3 Press **SET/CLEAR** button to set or cancel this function.

NOTE

• Some functions may not be supported, depending on the model.

Smart Mode (Optional)

It is the function to set the Smart Mode operation of the product.

1 Turn the appliance on.

2 Press **AIR FLOW** button repeatedly until ⌐↗ icon displayed.

3 Press **SET/CLEAR** button to set or cancel this function.

NOTE

• Smart Mode function can only be selected in the cooling and heating modes.
• Smart Mode/Energy Saving Cooling/Refresh Mode functions cannot be set at the same time.
• Some functions may not be supported, depending on the model.

Refresh Mode (Optional)

It is the function to set the Refresh Mode operation of the product.

1 Turn the appliance on.

2 Press **AIR FLOW** button repeatedly until ⫘ icon displayed.

3 Press **SET/CLEAR** button to set or cancel this function.

4 When set, it is displayed with the animated effect in the order of ↗⌐ → ↗ → ⌐↗.

NOTE

• Refresh Mode function can only be selected in the cooling and heating modes.
• Smart Mode/Energy Saving Cooling/Refresh Mode functions cannot be set at the same time.
• Some functions may not be supported, depending on the model.

Using the Optional Function

Individual Vane Angle Control (Optional)

This is the function that controls the vane angles individually in the ceiling cassette products.

1 Press **VANE ANGLE** button.
  • The individual vane angle control symbol will blink.
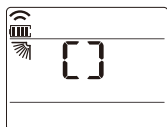
2 Set each vane angle by pressing **VANE ANGLE** button.
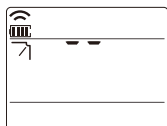
3 Press **SET/CLEAR** button to set or cancel this function.

NOTE
• There may be differences between the up/down/left/right buttons on the wireless remote controller and the wind discharge port directions.
• Set the desired angle while checking the movement and angle of the product's vanes.
• Some functions may not be supported, depending on the model.

Air Purification/Plasma Purification (Optional)

• Press **AIR PURIFY** or **PLASMA** button.
  – is displayed on the display screen.

NOTE
• If you wish to stop, press **AIR PURIFY** or **PLASMA** button again.
• When **AIR PURIFY** button is pressed while the unit is stopped, Air Purification will start independently.
• Plasma filter is a technology developed by LG to get rid of microscopic contaminants in the intake air by generating a plasma of highly charged electrons. This plasma kills and destroys the contaminants completely to provide clean and hygienic air.
• This function can be used in any operation mode and any fan speed can be used while the plasma filter is functioning.
• Some functions may not be supported, depending on the model.

Smart Indicator (Air Quality) Always On Setting (Optional)

• Press the **AIR PURIFY** button for 3 seconds, Air quality level will always be displayed on Smart Indicator of the product.

NOTE
• Some functions may not be supported, depending on the model.

LCD Luminosity Control (Optional)

It is comfortable when you feel that the display of the unit too bright.
• Press the ⌃ button.

Checking the Air Quality Level During Air Purification Operation (Optional)

- Press the **AIR PURIFY** button for 3 seconds, Air quality level will always be displayed on Smart Indicator of the product.

Global

Display Color	Air Quality Level	Concentration of Dust (µg/m³)	
		PM10	PM2.5/1.0
Green	Good	54 ↓	12 ↓
Yellow	Moderate	55 - 154	13 - 35
Orange	Unhealthy	155 - 254	36 - 55
Red	Poor	255 ↑	56 ↑

China/India

Display Color	Air Quality Level	Concentration of Dust (µg/m³)	
		PM10	PM2.5/1.0
Green	Good	50 ↓	35 ↓
Yellow	Moderate	51 - 150	36 - 75
Orange	Unhealthy	151 - 250	76 - 115
Red	Poor	251 - 350	116 - 150
Pink	Very poor	351 - 420	151 - 250
Violet	Severe	421 ↑	251 ↑

NOTE

- The dust concentration is displayed from 8 to 999 by the unit of 1.
- The dust concentration referred to the data sheet of the sensor manufacturer.
- The dust concentration criteria for the PM1.0 dust were set based on the same criteria as the PM2.5 dust. (Company standard)
- The dust concentration and level displayed on the product may differ from other measuring instruments or other products.
- The displayed dust concentration values can differ from each other depending on the differences in dust measuring methods and also from the actual dust density.
- The dust concentration evaluation is carried out with our company's standard test dust.
- If you use a product generating steam or fine particles (humidifier, cooking appliances, sprays, etc.), the dust concentration may change.
- The dust concentration may vary depending on the installation environment and surrounding environment.
- It is also affected by sofas, beds, carpets, vacuum cleaners, humidity, smoke, bugs, pets, etc.
- It is affected by construction sites, roadsides and factories.
- Dust concentrations can be measured to be higher in an environment where external air is introduced, such as near the entrance, windows and ventilation openings.
- This is an additional function of the product and may not work in some products.
- The feature may be changed according to the type of model.
- Some functions may not be supported, depending on the model.

How to Set Air Quality Level Color (Optional)

1 With the **JET COOL** button pressed, press the reset button.

2 By using the ⌃ or ⌄ button, set function code and setting value.
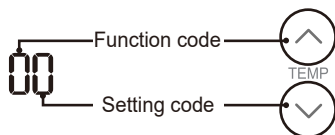
3 Press the ⏻ button toward the indoor unit 1 time.
   • Each countries have different standards for indicating Overall air quality. Please refer to table below.

Value	Step	Overall Air Quality
Type 1 (1 beep)	4 step (For Korea)	Good/Moderate/ Unhealthy/Poor
Type 2 (2 beep)	4 step (For Global)	Good/Moderate/ Unhealthy/Poor
Type 3 (3 beep)	6 step (For China)	Good/Moderate/ Unhealthy/Poor/ Very Poor/ Severe

4 Reset the remote controller to use the general operation mode.

NOTE
• The feature may be changed according to the type of model.
• Some functions may not be supported, depending on the model.

Using Special Functions

Setting Special Functions

1 Press **FUNC.** button repeatedly to select the desired function.

2 Press **SET/CLEAR** button to finish.

NOTE
• Some functions may not be supported, depending on the model.
• Some functions may operate differently from the remote control display.

Canceling Special Functions

1 Press **FUNC.** button repeatedly to select the desired function.

2 Press **SET/CLEAR** button to cancel the function.

Auto Clean (Optional)

In the Cooling and Dehumidification Mode, moisture is generated inside the indoor unit. This function removes such moisture.

• ⌇ is displayed on the display screen.

NOTE
• If you turn off the unit, the fan continues to run for 30 minutes and cleans the inside of the indoor unit.
• Some functions cannot be used while the Auto Clean function is in operation.

Smart Clean (Optional)

The Smart Clean function can be used by setting to manual or automatic.

• ⤵ is displayed on the display screen.

Auto Smart Clean Operation

If the accumulated operation time of the product exceeds 30 hours, the Smart Clean automatically starts when the unit is turned off.

Manual Smart Clean Operation

When the unit stop, press the **FUNC.** button to select Smart Clean.

NOTE

• The brush clean a dust from the filter by moving from left to right or from right to left on the filter. The sucked dust is collected into the dust box.

• Some functions may not be supported, depending on the model.

Energy Saving Cooling (Optional)

Energy Saving Cooling is the function to adjust the desired temperature during cooling operation to enhance the comfort of the user and improve the energy saving performance.

• ⓔ is displayed on the display screen.

NOTE

• It can be selected only during the cooling operation.

• When pressing Energy Saving Cooling while cooling at 22 °C or lower, it is automatically set to 22 °C

• During the Energy Saving Cooling operation, the temperature on the remote control may be displayed differently from the air conditioner display.

• Smart Mode/Energy Saving Cooling/Refresh Mode functions cannot be set at the same time.

• Some functions may not be supported, depending on the model.

Electric Heater (Optional)

It can only be set during heating operation.

• 〰 is displayed on the display screen.

NOTE

• The indoor unit displays during the heating mode, the Auxiliary heater is automatically turned on, but it is not displayed on the wireless remote controller separately.

• It operates in Floor heating mode in Console products.

• Heating Mode is not available for Cooling only models.

• Some functions may not be supported, depending on the model.

Comfort Cooling (Optional)

This function is automatically control the cooling strength to maintain the pleasant feeling without turning off the product after the indoor temperature reached the desired temperature.

• ⓔ is displayed on the display screen.

NOTE

• It can be selected only during the cooling operation.

• Some functions may not be supported, depending on the model.

Timer Functions

Setting the Current Time

1 Press **SET/CLEAR** button for 3 seconds.

2 Press ⌄ or ⌃ button until the desired time is set.
   • If you press down and hold the button for a long time, the time will change more quickly in 10 minute increments.

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

Sleep Timer Setting

1 Turn the appliance on.

2 Press **SLEEP** button to turn the timer on or off.

```
☆  3hr.  AM 6:00
```

3 Press ⌄ or ⌃ button until the desired time is set.
   • 7 hours is the maximum setting.

4 Press **SET/CLEAR** button.

Setting the On Timer

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

```
AM 6:00 ON
```

2 Press ⌄ or ⌃ button until the desired time is set.

3 Press **SET/CLEAR** button.

Setting the Off Timer

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

```
PM 6:00 OFF
```

2 Press ⌄ or ⌃ button until the desired time is set.

3 Press **SET/CLEAR** button.

Canceling the Timer Setting

You can cancel all timer settings.
• Press **SET/CLEAR** button.

NOTE
• If you wish to cancel a specific timer setting, press the each timer button to turn on or off the Sleep Timer, On Timer, or Off Timer as you want. Then press the **SET/CLEAR** button while aiming the remote controller at the signal receptor.
• The timer lamp on the air conditioner and the display will go off.

Forced Operation

Forced operation is used when the remote controller can't be used.

• The operation will be started if the **Forced Operation** button is pressed.

Type 1

Type 2
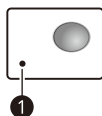
1 Forced Operation Button

Test Operation

During the TEST OPERATION, the unit operates in cooling mode at high speed fan, regardless of room temperature, and resets after 18 minutes. During test operation, if the remote controller signal is received, the unit can be set by the remote controller. If you want to use this operation, Press and hold the ON/OFF button for 3 ~ 5 seconds, then the buzzer sound 1 will 'beep'. If you want to stop the operation, re-press the button.

Auto Restart Function

This function is useful in the case of power failure. When power regains after a failure this feature restores the previous operating condition and the air conditioner will run in the same settings.

NOTE

• This feature is enabled by the factory default settings, but you can disable it by pressing and holding the ON/OFF button for 6 seconds. The unit will beep twice and the lamp will blink 8 times.

• To enable it, press the button again for 6 seconds. The unit will beep twice and the blue lamp will blink 4 times.

MAINTENANCE

> ## ⚠ WARNING
>
> • Before cleaning or performing maintenance, disconnect the power supply and wait until the fan stops.

If the air conditioner will not be used for an extended period of time, dry the air conditioner to maintain it in best condition. Clean the product regularly to maintain optimal performance and to prevent possible breakdown.

• Dry the air conditioner in Fan mode for 3 to 4 hours and disconnect the power. There may be internal damage if moisture is left in its components.

• Before using the air conditioner again, dry the inner components of the air conditioner in Fan mode for 3 to 4 hours. This will help to remove the odor generated from moisture.

Clean the Air Filter

1 Remove the air filters from the indoor unit.
• Hold the tab and pull slightly forward to remove the filter.

2 Clean the filters with a vacuum cleaner or with lukewarm water with neutral detergent.
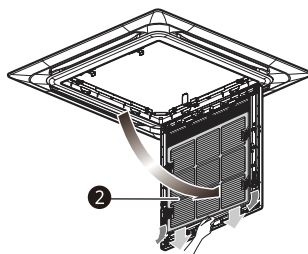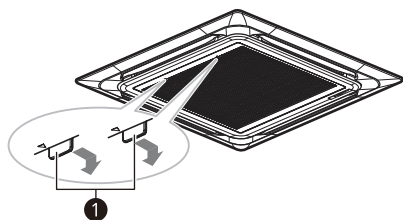
3 Dry the filters in the shade.

4 Install the Air filter.

❶ Rack
❷ Air Filter

⚠ WARNING

• Turn off the power and unplug the power cord before you perform any maintenance; otherwise it may cause electric shock.

• When the air filter needs to be removed, do not touch the metal parts of the indoor unit. Doing so may cause an injury.

⚠ CAUTION

• Never touch the metal parts of the air conditioner when removing the air filter.

• Never use water that is higher than 40 °C when you clean the filter. It may cause deformation or discoloration.

• Never use volatile substances when you clean the filter. They may damage the surface of the product.

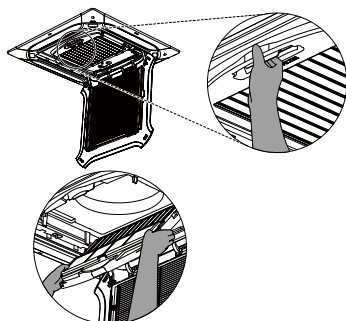• Clean the Indoor unit surface by using a soft, dry cloth.

NOTE
• Clean the air filter once every 2 weeks, or more, if necessary.

Cleaning the Deodorization Filter/PM1.0 Filter (Optional)

1   Press the fixing hooks on both sides and open the front grille.
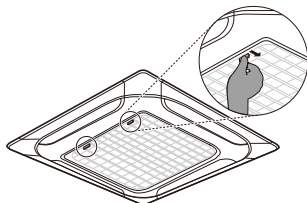
2   Remove PM1.0 filter by pressing the fixing hook.

3   Remove the photocatalyst Deodorization filter by pulling upward.
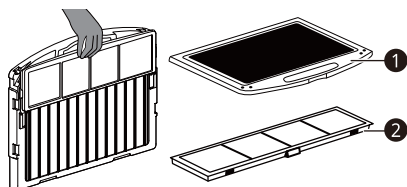
4   After assembling in reverse order, close the front grille.

❶   PM1.0 Filter

❷   Deodorization Filter

⚠ WARNING

• For safety, turn off the main power switch.
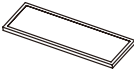
⚠ CAUTION

• Be careful that the filter case is correctly assembled to the filter holder.

• Be careful not to drop the front grille when removing the filter.

• Do not wash the dust filter with hot water over 40 °C or volatile liquids.

• Do not wash the photocatalytic Deodorization filter in water.

• After cleaning the PM1.0 filter, the buzzer sounds 7 times if the water is not completely dry. Dry the filter thoroughly.

• Drying the filter near a fire or in direct sunlight may cause damage to the filter.

• Wear gloves during installation.

NOTE

• The quantity and type of filters provided by each model may differ.

• The feature may be changed according to the type of model.

• Some functions may not be supported, depending on the model.

Filter Information

Filter Name	Filter Description
Deodorization filter	• Dry for 3 hours in sunlight or under fluorescent light. • It is recommended to clean it every six months. (assuming 8 hours of daily use) • Washing the filter with water could damage or deform it.
PM1.0 filter	• Clean the filter without disassembling it. • Submerge the PM1.0 filter in water, shaking it several times to clean it. • If the filter is very dirty, soak it for 30 minutes in lukewarm water with mild detergent and rinse thoroughly with clean water. (Do not use acidic detergents such as citric acid.) • It is recommended to clean it every six months. (assuming 8 hours of daily use) • Dry it thoroughly in the shade for about a day. (If there is any remaining moisture, the buzzer will sound 7 times.) Drying with a hot air heater, such as a hair dryer or a heater, could damage or deform the filter. • The inside of the filter is sharp, so do not rub or touch it directly.

Cleaning the PM1.0 Sensor (Optional)

PM1.0 Sensor

1   Remove the PM1.0 Sensor corner cover on the front panel.
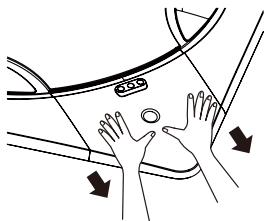
2   Open the PM1.0 sensor case on the side of the PM1.0 Sensor case and remove the rubber cap.
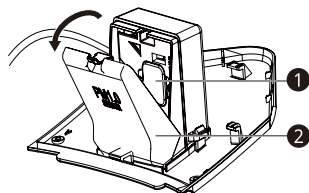
3   Use a cotton swab to wipe the dirt off the lens, and then use a dry swab to remove the moisture.
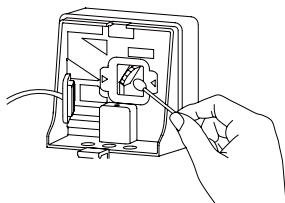
4   Tighten the rubber cap, close the PM1.0 sensor case, and assemble the PM1.0 Sensor corner cover to its original position.

❶   Rubber Cap

❷   PM1.0 Sensor Case

⚠ WARNING

- For safety, turn off the main power switch.
- Be careful not to drop the product when removing the PM1.0 Sensor corner cover.
- Be careful of falling accidents when cleaning the PM1.0 sensor.

NOTE

- It is recommended to clean it every six months. (assuming 8 hours of daily use)
- PM1.0 Sensor is only included with Air purification panel.
- The feature may be changed according to the type of model.
- Some functions may not be supported, depending on the model.

Tips for Maintenance

When not in Use 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 period of time.
  – Dirt may collect and may cause a fire.

NOTE
- Dust and impurities collected in the air filter may block the air flow or reduce the unit performance.

When Use again after a Long Period of Non-use

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.
- The ground wire 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.

TROUBLESHOOTING

Before Calling for Service

Please check the following before you contact the service center. If the problem persists, contact your local service center.

Symptoms	Possible Causes & Solution
The air conditioner does not work normally.	**Burning smell and strange sounds are coming from the unit.** • Turn off the air conditioner, switch OFF, or disconnect the power supply, and contact the service center.
	Water leaks from the indoor unit even when the humidity level is low. • Turn off the air conditioner, switch OFF, or disconnect the power supply, and contact the service center.
	The power cable is damaged or it is generating excessive heat. • Turn off the air conditioner, switch OFF, or disconnect the power supply, and contact the service center.
	A switch, a circuit breaker (safety, ground), or a fuse is not operated properly. • Turn off the air conditioner, switch OFF, or disconnect the power supply, and contact the service center.
	The unit generates an error code from its self-diagnosis. • Turn off the air conditioner, switch OFF, or disconnect the power supply, and contact the service center.
The air conditioner does not work.	**The air conditioner is unplugged.** • Check whether the power cord is plugged into the outlet or the power isolators are switched on.
	A fuse exploded, or the power supply is blocked. • Replace the fuse or check if the circuit breaker has tripped.
	A power failure has occurred. • Turn off the air conditioner when a power failure occurs. • When the power is restored, wait 3 minutes, and then turn on the air conditioner.
	The voltage is too high or too low. • Check if the circuit breaker has tripped.
	The air conditioner was turned off automatically at a preset time. • Turn the air conditioner on.
	The battery setting in the remote controller is incorrect. • Make sure that the batteries are inserted correctly in your remote controller. • If the batteries are placed correctly, but the air conditioner still does not operate, replace the batteries and try again.

Symptoms	Possible Causes & Solution
The air conditioner stops during operation.	**The air conditioner is suddenly turned off.** • The Timer Function may have timed out, which turns the unit off. Check the timer settings.
	A power failure has occurred during operation. • Wait for the power to come back. If you have the Auto Restart function enabled, your unit will resume its last operation several minutes after power is restored.
The indoor unit is still operating even when the unit has been turned off.	**The Auto Clean function is being operated.** • Allow the Auto Clean function to continue since it removes any remaining moisture inside the indoor unit. If you do not want this feature, you can turn the unit off.
The air conditioner does not emit cool air.	**Air is not circulating properly.** • Make sure that there are no curtains, blinds, or pieces of furniture blocking the front of the air conditioner.
	The air filter is dirty. • Clean the air filter once every 2 weeks. • Refer to the air filter cleaning instructions.
	The room temperature is too high. • In summer, cooling the indoor air fully may take some time. In this case, select the Jet Mode to cool the indoor air quickly.
	Cold air is escaping from the room. • Make sure that no cold air is escaping through the ventilation points in the room.
	The desired temperature is higher than the current temperature. • Set the desired temperature to a level lower than the current temperature.
	There is a heating source nearby. • Avoid using heat generators like electric ovens or gas burners while the air conditioner is in operation.
	Fan Mode is selected. • During Fan Mode, air blows from the air conditioner without cooling or heating the indoor air. • Switch the operation mode to cooling operation.
	Outside temperature is too high. • The cooling effect may not be sufficient.

Symptoms	Possible Causes & Solution
The air conditioner does not emit warm air.	**When Heating Mode starts, the vane is almost closed, and no air comes out, even though the outdoor unit is operating.** • This symptom is normal. Please wait until the unit has generated enough warm air to blow through the indoor unit.
	The outdoor unit is in Defrosting Mode. • In Heating Mode, ice/frost is built up on the coils when the outside temperature falls. This function removes a layer of frost on the coil, and it should finish in approximately 15 minutes.
	Outside temperature is too low. • The heating effect may not be sufficient.
The air outlet on the indoor unit is discharging mist.	**The cooled air from the air conditioner makes mist.** • When the room temperature decreases, this phenomenon will disappear.
Water leaks from the outdoor unit.	**In the heating operations, condensed water drops from the heat exchanger.** • This symptom requires installing a drain hose under the base pan. Contact the installer.
There is noise or vibration.	**A clicking sound can be heard when the unit starts or stops due to movement of the reversing valve. Creaking sound: The plastic parts of the indoor unit creak when they shrink or expand due to sudden temperature changes. Flowing or Blowing sound: This is the flow of refrigerant through the air conditioner.** • These are normal symptoms. The noise will stop.
The indoor unit gives off an odor.	**Odors (such as cigarette smoke) may be absorbed into the indoor unit and discharged with airflow.** • If the smell does not disappear, you need to wash the filter. If this does not work, contact the service center to clean your heat exchanger.

NOTE
• Some functions may not be supported, depending on the model.