



ENGLISH

FRANÇAIS

ESPAÑOL

User/Installation Manual System Air Conditioner

Please read this installation manual completely before installing the product.
Installation work must be performed in accordance with the national wiring standards by authorized personnel only.
Please retain this installation manual for future reference after reading it thoroughly.

Model Type : Deluxe Wired Remote Controller



MFL71781812
Rev.01_051126

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TIPS FOR SAVING ENERGY

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

- Do not cool excessively indoors. This may 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.
- Increase fan speed to help cool or warm indoor air more quickly.
- Clean the air filter once every 2 weeks. Dust and impurities collected in the air filter may block the air flow or reduce cooling or dehumidifying performance.

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USING THE APPLIANCE.

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

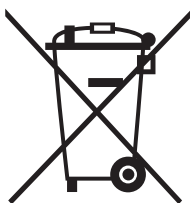
WARNING

This symbol indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.

[For Europe]

CAUTION

This symbol indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury.



Disposal of waste batteries/accumulators

1. This symbol may be combined with chemical symbols for mercury (Hg), cadmium (Cd) or lead (Pb) if the battery contains more than 0.0005% of mercury, 0.002% of cadmium or 0.004% of lead.
2. All batteries/accumulators should be disposed separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old batteries/accumulators will help to prevent potential negative consequences for the environment, animal and human health.
4. For more detailed information about disposal of your old batteries/ accumulators, please contact your city office, waste disposal service or the shop where you purchased the product.
(<http://www.lg.com/global/sustainability/environment/take-backrecycling/global-networkeurope>)

**UK
CA**

Hereby, LG Electronics declares that the radio equipment type Wired Remote Controller is in compliance with the relevant statutory requirements.

The full text of the UK declaration of conformity is available at the following internet address :
<http://www.lg.com/global/support/cedoc/cedoc#>

CE

Hereby, LG Electronics declares that the radio equipment type Wired Remote Controller is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: <http://www.lg.com/global/support/cedoc/cedoc#>

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Please read this installation manual completely before installing the product.

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WARNING

Installation

- For electrical work, contact the dealer, seller, a qualified electrician, or an authorized service Center.
 - Do not disassemble or repair the product. Doing so may result in fire, electric shock, explosion, equipment malfunction, or injury.
- Request installation by a qualified service center or installation professional.
 - Doing so may result in fire, electric shock, explosion, equipment malfunction, or injury.
- Do not disassemble, repair, or modify the product.
 - Doing so may result in fire, electric shock, explosion, equipment malfunction, or injury.
- The product shall be installed according to the national standards and local codes.
- Use totally enclosed noncombustible conduit where required by applicable building codes (e.g., plenum installations).
- Use appropriate unit mounting procedures.
- Avoid direct sunlight.
- Avoid moisture or wet locations.
- Precautions when installing the product.
 - When installing the remote control, the indoor temperature may not be accurately detected if airflow occurs inside the wall.
 - If airflow is detected, all holes except the cable path should be blocked to prevent airflow from affecting temperature detection. (The hole can be blocked during installation by using field supplied materials or the airflow cover (included with the controller.) Failure to install the back plate may reduce performance.
 - If airflow is generated but not blocked, the room temperature may be displayed higher or lower than the actual temperature, and the product may not operate as intended.

In-Use

- Do not place flammable objects close to the product.
 - Doing so may result in fire, electric shock, explosion, equipment malfunction or injury.
- Do not the product to get wet.
 - Doing so may result in fire, electric shock, explosion, equipment malfunction or injury.
- Avoid dropping the product.
 - Doing so may result in fire, electric shock, explosion, equipment malfunction or injury.
- If product gets wet, contact your dealer or authorized service center.
 - Doing so may result in fire, electric shock, explosion, equipment malfunction, or injury.
- Do not use sharp or pointed objects on product.
 - Doing so may result in fire, electric shock, explosion, equipment malfunction or injury.
- Do not touch or pull the lead wire with wet hands.
 - Doing so may result in equipment malfunction or electric shock.

CAUTION

Installation

- Warranty coverage may be void for any product that has been installed, serviced, or modified by persons other than qualified professionals, or not in accordance with the manufacturer's instructions and applicable codes. Unauthorized or non-compliant work may compromise product integrity and prevent evaluation of warranty claims.
 - The owner may be responsible for associated repair costs.
- Do not install the unit in potentially explosive atmospheres.

In-Use

- Do not clean the product with strong detergents or solvents; use a soft cloth.
 - Doing so may result in fire, electric shock, explosion, equipment malfunction or deformation.
- Do not press the screen using powerful pressure.
 - Doing so may result in product break-down or malfunction.

INFORMATION REQUIRED FOR WARRANTY

Staple your receipt to this page to retain proof of purchase for warranty purposes.

Write the model number and the serial number here:

Model number :

Serial number :

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

Dealer's name :

Date of purchase :

Warranty coverage may be void if installation or service is not performed in accordance with applicable law by a qualified professional who has completed required LG training.

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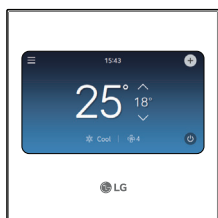
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PRODUCT CONFIGURATION AND INSTALLATION OF REMOTE CONTROLLER

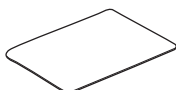
Product Composition



Remote Controller



Remote controller
fixing screws (2EA)



Owner's &
Installation Manual

Installation of Remote Controller

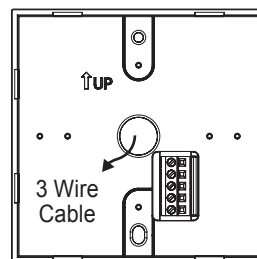
Follow the below guidelines for installing the remote controller.

NOTE

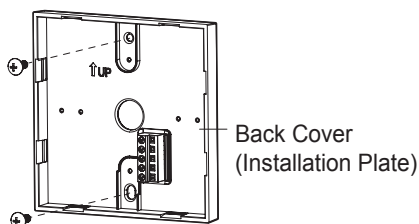
- When installing the wired remote controller, do not embed it inside the wall. (Doing so may cause temperature sensor failure.) Do not install a cable over 50 m. (Doing so may cause communication defects.)
- When installing the extension cable, carefully check the direction of the connectors on the side of the remote controller and the side of the product side before installation.
- Extension cable specification: Use AWG 24, 3 conductor equivalent or higher wired cables.
- Do not install cables longer than 50 m, as this may cause communication problems.
- Install the product so that it doesn't bend or cause a clearance with the wall.
- Incorrect wiring can cause damage to the product.
- To avoid damage by static electricity, touch the metal parts before handling the remote controller to discharge the static electricity from the body.

* 10 m Cable model: PCW-QE10A

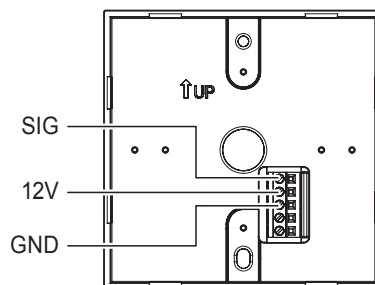
- 1 Pull the cable from the wall and check the cable direction to install.



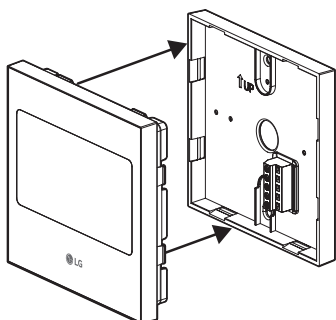
- 2 Align the back cover (installation plate) and check the positions of two mounting holes on the wall.
- 3 Fix the back cover on the installation position through the mounting holes by using screws.



- 4 Connect the power cable to the terminal at the back cover as shown in the figure below.



- 5** Fix the power cable on the back cover hook, and press the upper side of the remote control toward the back cover as in the figure.

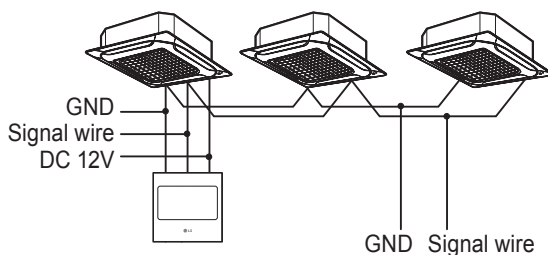


NOTE

- Failure to follow the guidelines may result in part damage due to interference with the machine.
- Be careful not to let the cable pass over the wireless equipment.

Using Group Control

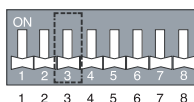
Connect 2 to 16 air-conditioner indoor units to a single controller for group control.



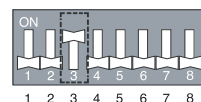
NOTE

- Connect using the group control cable.
(Model : PZRCWRCG3)
- When using the group control, some advanced functions (excluding basic operation setting, fan speed, lock, and time setting) may be limited.

- 1** Set one indoor unit to master and the remaining to slave.



#3 Switch OFF: Master
(Default setting for shipment)



#3 Switch ON: Slave

NOTE

- For ceiling cassette and duct products, change the switch setting of the indoor PCB as above.
- For wall-mount type and stand type product, change the master/slave setting with the wireless remote controller.

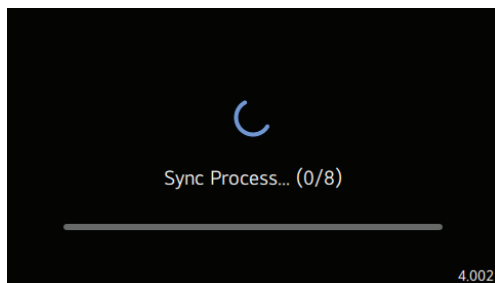
- 2** After completing the master/slave setting, turn off the power of the indoor unit, and turn on the power after 1 minute.

NOTE

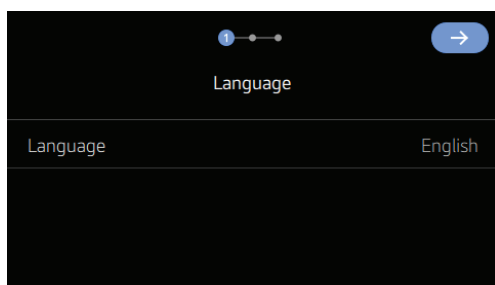
- 2-Remo function is not supported.

STANDARD OPERATION

- 1 The welcome screen will be displayed after synchronizing with the indoor unit. Booting may require up to 90 sec.



- 2 Please check the settings displayed on the screen and set them up.



- 3 When completely setting the installation wizard, the  button is changed into the  button, and if you press the  button, the installation is done.

Function	Description
Language	A function to set the language displayed on the remote controller.
Time zone	Set the time zone, date, time, and time format displayed on the remote controller.
Date	
Time	
Time Format	
Scheduling method	Allows the product to be configured to operate automatically at a specified date and time. – Commercial (Standard) type: Allows you to schedule the operating status of the product at selected times. – Residential (US) Type: Allows you to configure 24-hour schedule based on occupancy, sleep, away, or weather-related conditions, as applicable. – Recommended for installers familiar with using thermostat-based scheduling commonly used in North America.
Edit Schedule Mode	Allows you to configure the operating status for each schedule mode and the timetable associated with the selected schedule. – Only enabled for the Residential US type. – You can also set it up again after the installation wizard completes.
Select Season	Allows you to select the season associated with a schedule. Scheduled operation may be configured by season (e.g., Summer or Winter). – Only enabled for the Residential US type. – This setting may also be modified after completing the Installation Wizard.

Function	Description
Use type	You can set the desired temperature setting method as single or dual. • Single Desired Temperature Type: You can set the desired temperature of only one operation mode. – If you select cooling operation, you can only set the desired cooling temperature. – If you select heating operation, you can only set the desired heating temperature. • Dual Desired Temperature Type: You can set the desired temperature for cooling and heating operation mode at the same time. – Recommended for contractors familiar with thermostat operation commonly used in North America.
Temperature unit	Allows you to select the temperature unit displayed on the remote controller.
Standby Screen	Allows you to configure the screen timeout period and brightness level of the remote controller.
Humidity Display	Allows you to enable or disable the humidity display on the Standby Screen.
Main Screen Auto Return	Allows the controller to automatically return to the main screen after a period of inactivity.
Sound	Allows you to enable or disable audible feedback when the screen is touched.

NOTE

- If the Installation Wizard is not completed, it will launch each time the controller starts up.
- Even after the installation wizard completes, you can still use the “Settings → Services → Installation Wizard”. However, you cannot reset the “Schedule Method” once the installation wizard is finished. (The “Schedule Method” can be reset by running “Settings → Installer Settings → Factory Reset”).
- Refer to the general settings and schedule page for detailed setup instructions.

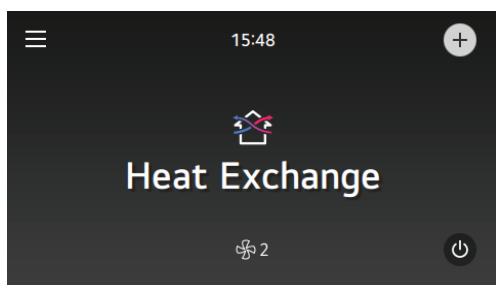
View Screen

The wired remote controller displays the following screens in accordance with the schedule method set in the installation wizard and the connected indoor unit.

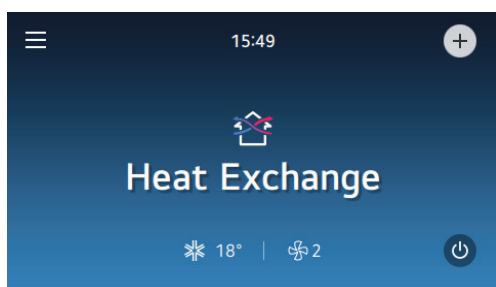
1 Air Conditioner



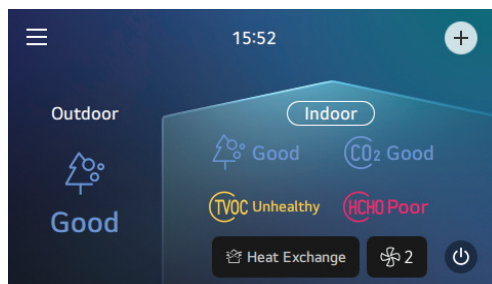
2 General ventilation



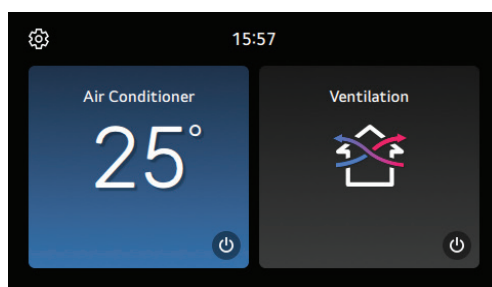
3 DX Ventilation



4 Housing Ventilation



5 Air Conditioner/Ventilation Interlock

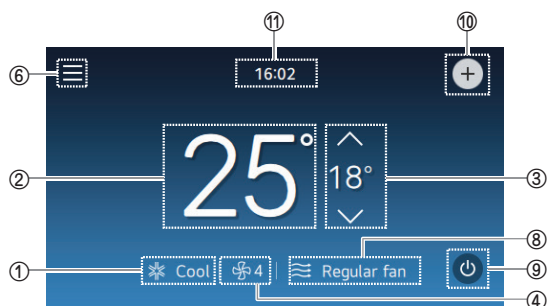


NOTE

- Please check the detailed description of each screen in the detailed description page.
- With the "Usage Type - 'Dual' or Schedule Method - 'Residential (US)' setting," the top of the screen displays schedule-related information instead of the current time.

Standard Operation

Operating Information



① Operation Mode

Select the operation mode to set the desired mode.

- Details of operation mode

Operation Mode	Description
Cool	Provides cooled airflow to help reduce the room temperature.
Heat	Provides heated airflow to help increase the room temperature.
Auto	Automatically adjusts operation to maintain the selected temperature setting based on operating conditions.
Dry	Helps reduce indoor humidity and may provide limited cooling during operation.
Fan	Circulates indoor air without active cooling.
Emergency Heater	When enabled, Emergency Heater mode uses supplemental electric heat, if equipped.
Air Purify	Operates the air purification function only, if equipped.
Power Heat	Power Heat temporarily increases heating capacity to help raise the room temperature more quickly.
Power Cool	Power Cool temporarily increases cooling capacity to help reduce the room temperature more quickly.
EM Heat	Uses the electric heater as the primary heating source, if equipped.

NOTE

- The reason why the cool air isn't coming out immediately after cooling is started is because of its function to protect the compressor. After 3 minutes, the compressor starts and conditioned air is supplied.
- Emergency Heater operation is available only after installation is completed and applicable settings are configured.
- Some functions may not be available depending on the model and configuration.
- "EM Heat" can be activated when the product is running on heating or power heating mode.

② Room temperature

Displays room temperature.

③ Set Temperature

The set temperature area for the current operation mode is displayed.

Use type	Operation Mode	Setting Temperature
Single	Cooling	16 ~ 30 °C (60 ~ 86 °F)
	Heating	16 ~ 30 °C (60 ~ 86 °F)
	Auto	Exclusive model for cooling Cold, A Little Cold, Pleasant, A Little Hot, Hot
		Model for both cooling/heating 18 ~ 30 °C (64 ~ 86 °F)
Dual	Auto	Cooling 10 ~ 37.5 °C (50~99 °F)
		Heating 4 ~ 32 °C (40~90 °F)

NOTE

- When using the dehumidification/fan mode operation, you cannot set the desired temperature.
- The setting temperature may vary depending on the type of indoor unit.

④ Wind Strength Settings

Select a wind strength icon and select a desired wind strength in the options list.

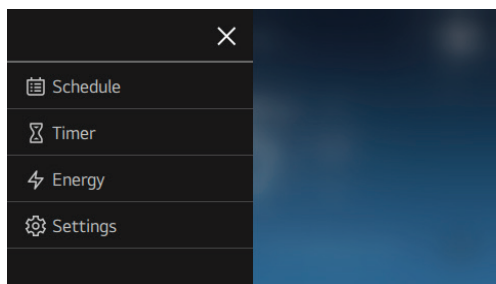
	Super Low
	Low
	Med
	High
	Power
	Auto

NOTE

- Depending on the product, some functions cannot be set.

⑤ Menu

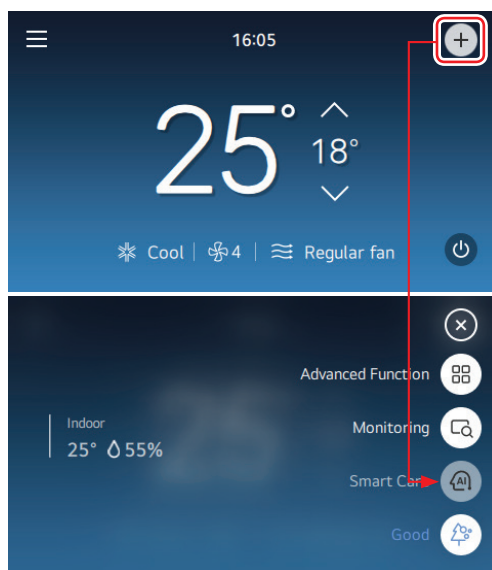
Select the menu icon to enter the schedule, reservation, energy, and setting menus.



⑥ Smart Care

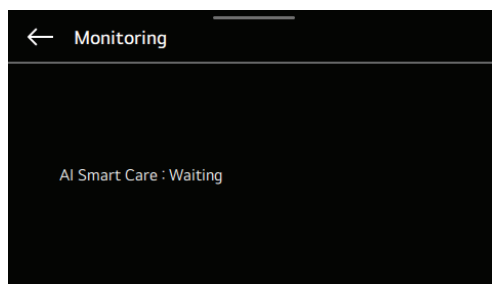
This is a function that uses AI to manage the indoors pleasantly and save energy.

- Select the floating icon to enter the floating menu and then select the Smart Care icon to use the functions.



<For commercial use (Standard)>

- If Smart Care operation condition is not met, it will be in standby as displayed below.



NOTE

- Smart Care may not be available or may not operate on certain models.
- Smart Care is available only during cooling or heating operation.
- Cooling or heating performance may be reduced during Smart Care operation to support energy-saving function.
- Set the date and time correctly on the remote controller and central controller when configuring the AI engine.

- If the date and time are not set correctly, displayed values or operation results may be inaccurate.
- When connected to a central controller, the central controller date and time settings take precedence over those of the wired remote controller.
- For models that support simultaneous cooling and heating operation, Smart Care is unavailable while simultaneous operation is active.

⑦ Wind Direction

You can adjust the airflow direction using the remote controller.

NOTE

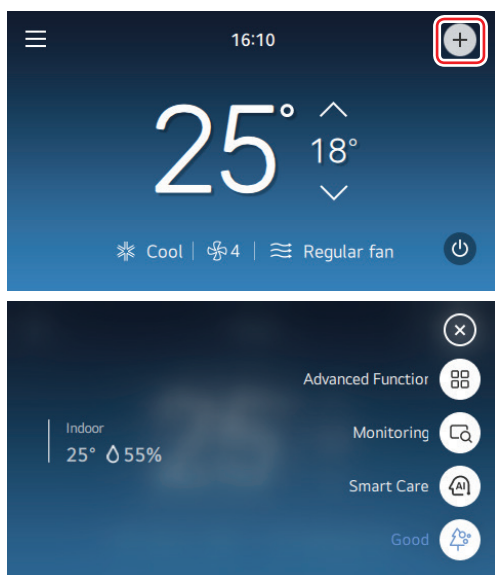
- Some airflow direction settings may not be available depending on the model and configuration.

⑧ Start/Stop button

Use the remote controller to turn the indoor unit on or off.

⑨ Floating Button

Select the floating icon to access additional functions, including Monitoring, Smart Care, and indoor Air Quality menus.



⑩ Current Time

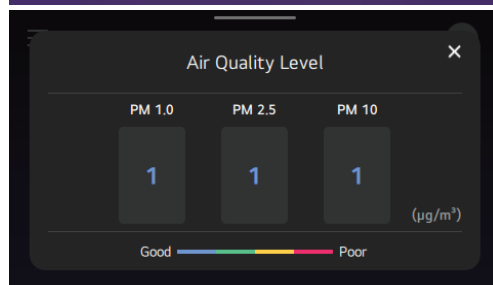
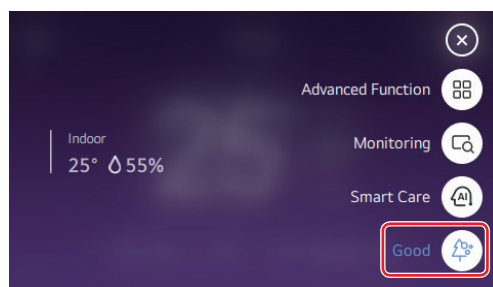
Displays current time.

Indoor Air Quality

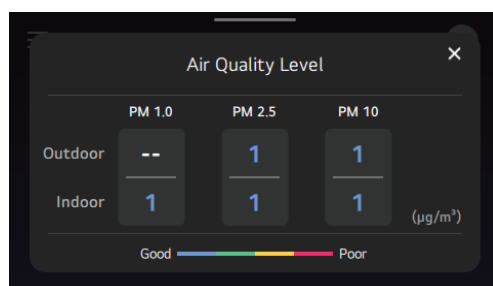
Displayed air quality values are based on system sensor readings and may vary due to environmental conditions, installation, and calibration; measurements are for general reference only and not intended to be precise or certified data. This function displays particulate matter readings measured by the indoor unit dust sensor.

You can view the concentration value of each of fine dust (PM 10), ultra-fine dust (PM 2.5), and extreme ultra-fine dust (PM 1.0) on the air quality screen.

The overall air quality indicator reflects the highest particulate level detected among PM10, PM2.5, and PM1.0 measurements.



When indoor unit has Weather Interlocking function enabled.



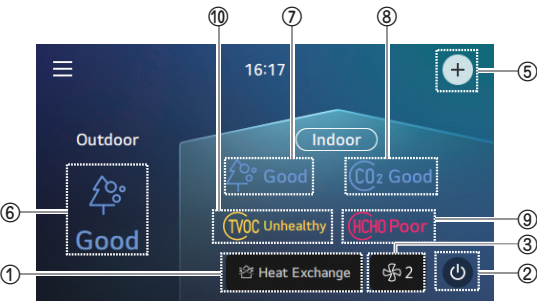
NOTE

- If the product has the Weather Interlocking function, the outdoor air quality information is also displayed on the Air Quality screen.
- Outdoor air quality is displayed as outdoor fine dust (PM 10) and outdoor ultra-fine dust (PM 2.5).
- During group control, information on the Master indoor unit is displayed on the screen.

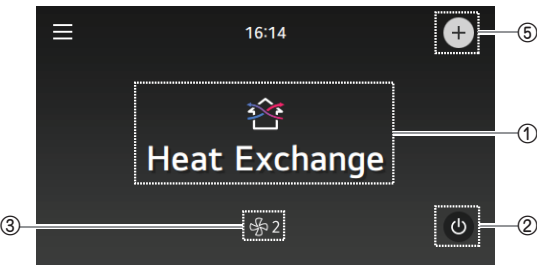
Ventilation

For commercial use (Standard)

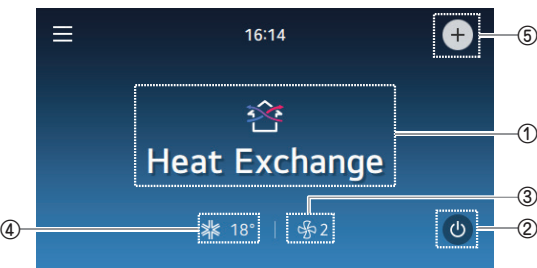
1 Housing Ventilation



2 General ventilation



4 DX ventilation



① Operation Mode

Select the operation mode to set the desired mode.

- Details of operation mode

Operation Mode	Description
Cool	Provides cooled airflow to help reduce the room temperature.
Heat	Provides heated airflow to help increase the room temperature.
Auto	Automatically adjusts operation to maintain the selected temperature setting based on operating conditions.
Dry	Helps reduce indoor humidity and may provide limited cooling during operation.
Fan	Circulates indoor air without active cooling.
Emergency Heater	When enabled, Emergency Heater mode uses supplemental electric heat, if equipped.
Air Purify	Operates the air purification function only, if equipped.
Power Heat	Power Heat temporarily increases heating capacity to help raise the room temperature more quickly.
Power Cool	Power Cool temporarily increases cooling capacity to help reduce the room temperature more quickly.
EM Heat	Uses the electric heater as the primary heating source, if equipped.

② Start/Stop button

You can turn on/off the indoor unit with the remote control.

③ Wind strength Settings

Select a wind strength icon and select a desired wind strength in the options list.

	Low
	High
	Power
	Auto

NOTE

- Auto Wind Strength can be manually selected when connecting a CO₂ sensor or MEMS sensor.

④ Air Conditioner Mode and Desired Temperature

Set the air conditioner operation mode (cooling/heating/auto) and the desired temperature.

⑤ Floating Button

Select the floating icon to enter the additional functions, monitoring, energy recovery, and fine-dust status menus.

NOTE

- Depending on the product, some functions cannot be activated.

⑥ Outdoor Air Quality

Displayed air quality values are based on system sensor readings and may vary due to environmental conditions, installation, and calibration; measurements are for general reference only and not intended as precise or certified data.

It shows the fine dust concentration of the air that is filtered through the product and brought inside.

It is displayed as fine dust (PM 10), ultra-fine dust (PM 2.5), and extreme ultra-fine dust (PM 1.0).

⑦ Indoor Air Quality

It shows the fine dust concentration of the indoor air.

It is displayed as fine dust (PM 10), ultra-fine dust (PM 2.5), and extreme ultra-fine dust (PM 1.0).

⑧ CO₂

Displays the room CO₂ concentration (ppm).

⑨ HCHO (formaldehyde)

Shows the indoor formaldehyde (HCHO) concentration.

⑩ TVOC

Displays the indoor TVOC concentration.



NOTE

- A function which can be used when connecting two or more smart diffusers.

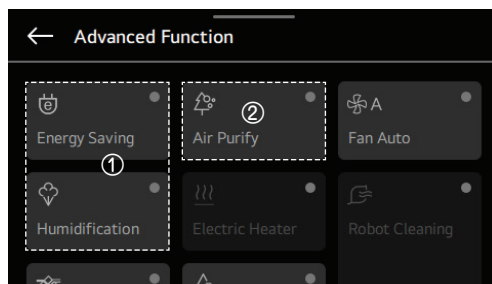
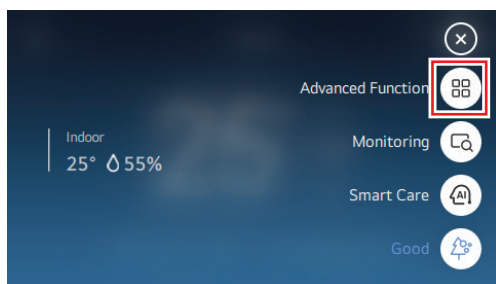
Room Ventilation operation

This function allows you to operate and view the operation status of the diffuser mounted on the Indoor unit.

- You can check the air quality in each room. Select an air quality area to see the status of fine-dust value. When the mode is Manual, you can turn the diffusers on and off using the toggle buttons in each room.
- If the mode is Auto, the diffuser will automatically operate based on the current air quality as detected by the system sensors.
- If the mode is Rapid, the diffusers will turn on in that room only, and the rest of the diffusers will turn off. Rapid mode ends after 30 minutes and changes to automatic mode.
- When you first turn on the product, you might see "--" when it recognizes the sensor. If you consistently see "--", there may be a problem with the sensor.
- The behavioral LED toggle buttons can be used to turn the diffuser's LEDs on and off.

ADDITIONAL FUNCTIONS

You can use the additional functions of the product.



Additional function setting screen

- ① The functions of the large buttons need detailed settings other than Setting and Cancel.
Tapping an area above the item changes the Setting ↔ Cancel status and tapping an area below moves to the Setup Details page.
- ② You can only select between Setting or Cancel for the functions of small buttons without detailed settings.

NOTE

- Depending on the product, there may be features that are not supported.
- The color of the icons on the screen changes according to the setting status.
Setting (On): ● Cancel (Off): ○

Function Name	Air Conditioner	Ventilation	Description	Note & Option
Electric Heater	○	○	A function to enhance the heating capacity by turning on the electric heater for heating operation. Available only during the heating operation.	ON / OFF
Energy Saving	○		It is the function to adjust the desired temperature during cooling operation to enhance the comfort of the user and improve the power-saving performance.	ON / OFF - It's only possible when you're operating with cooling. - You cannot set the Power-saving cooling, Concentration-adding wind, and the Auto custom wind functions at the same time.
Fan Auto	○	○	A function to set for the operation of the indoor unit fan when the indoor unit is thermal off.	ON / OFF When it is set to be ON, the indoor fan works when the product is working, and when the room temperature reaches the desired temperature and the outdoor unit stops, the indoor fan stops as well.

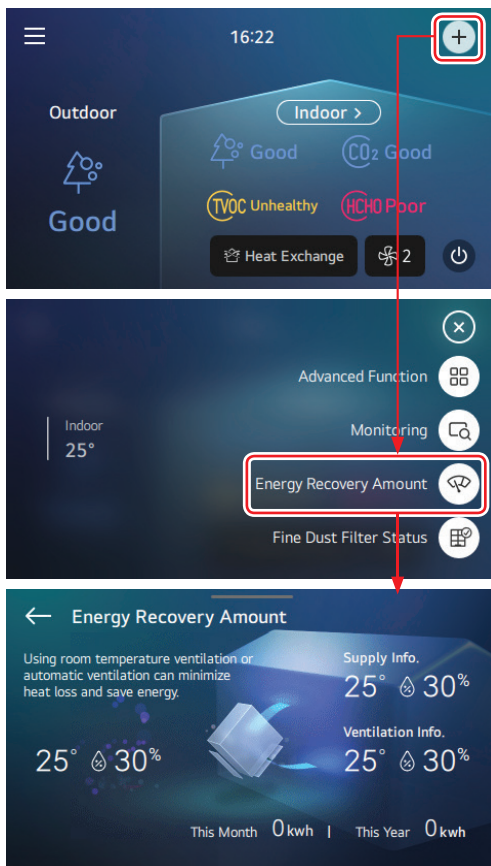
Function Name	Air Conditioner	Ventilation	Description	Note & Option
Comfort Cooling	○	DX	A function to automatically control the cooling strength and keep pleasant feeling without turning off the product even after the room temperature has reached the desired temperature.	ON / OFF • The Comfort power-saving function is available only when the product is cooling.
Ventilation Kit	○		A function to set the operation for the ventilation kit which can be additionally installed on the indoor unit.	ON / OFF
Cooling By Ventilation	○		A function to save energy by using cool outdoor air during the cooling operation with the ventilation product interlocked.	ON / OFF • The ventilation-interlock power-saving cooling function can work only when the air conditioner product is cooling and the ventilation product is operating.
Air Purify	○	○	It makes the indoor air clean and pleasant.	ON / OFF • The air cleaning function is available only when the product is operating. • When connected to the air cleaning-only model, it can work even when the product is not working.
Robot Cleaning	○		A function to automatically clean the filter using a cleaner on the product when the air conditioner has been used for a certain period of time. It can be set 30 seconds after the operation stops.	ON / OFF
Humidification	○	○	A function to operate the humidifier on the product when the room is dry.	ON / OFF
Mosquito Away	○		Set operation/stop of mosquito away function.	ON / OFF

Function Name	Air Conditioner	Ventilation	Description	Note & Option
Zone Control	○		A function available when a duct-type air conditioner product is linked. You can set up to eight zones and control the operation of each zone.	The function can be used actively only when the zone type and the number of zones are set. • The duct-type air conditioner product supports the zone control function and an additional damper control apparatus is required to perform the zone control. • Differences according to zone type - Old type: Only the zone operation status using the wired remote controller can be checked. - New type (4 zones or 8 zones): The zone control and monitoring are available through the wired remote controller.
Fast		○	It quickly ventilates the room. A function that operates the ventilation function more efficiently through the express setting of ventilation products.	On / Off
eSave		○	Ventilates efficiently while also saving power.	On / Off
Wind Direction	○		The wind strength automatically changed depending on the amount of indoors TVOCs and formaldehyde concentration.	On / Off

ENERGY RECOVERY

You can see how much energy your ventilation system has saved.

The temperature and humidity of the outside air / supply air / return air are displayed together.



- Displays the current outside air / supply air / return air temperature and humidity.
- Displays the amount of energy saved this month, this year.
- If the current date has been changed, the energy amount may be reset.
- If you change the date on the device, the collected energy recovery may be reset.

SCHEDULE COMMERCIAL (STANDARD)

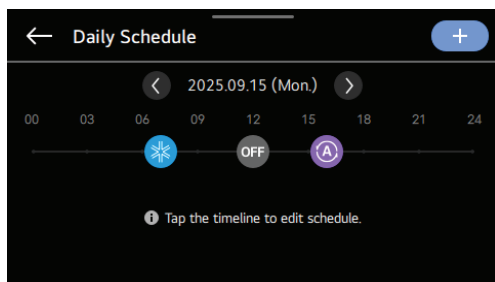
The scheduling function that appear when the scheduling method is selected as Commercial (Standard).

Select the Schedule in the menu screen and move to the schedule settings screen.

Select the menu to set in the schedule settings screen and you can move to the details screen.

Daily Schedule Status

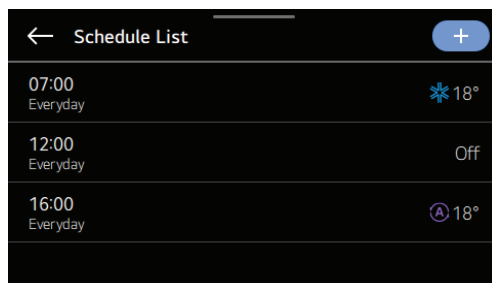
A function to check the schedule status saved in the remote controller.



- ① If a schedule is booked, the operation mode icon is displayed on the time line at the scheduled time.
- ② An inactivated schedule is not displayed on the time line.
- ③ If various schedules are booked within one hour,  is displayed instead of the operation mode icon.
- ④ If you select , you can check the booked schedule by selecting the left or the right button in the booking details on a lower end of the screen.

View and Edit Schedule

A function to check the schedule status saved in the remote controller.

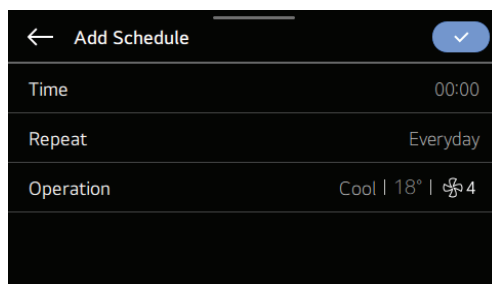


You can check the operation information (operation ON/OFF, operation mode, desired temperature) of the set schedule, the schedule time, period, and day.

You can edit it by selecting the booking information of the saved schedule.

Add Schedule

You can add a schedule saved in the remote controller.

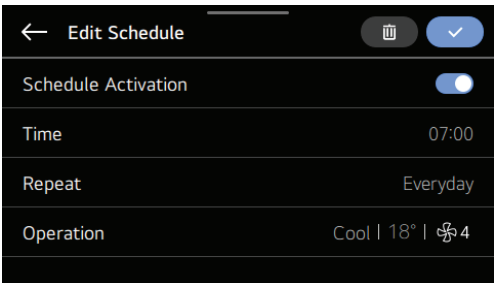


- ① You can add a new schedule by selecting the '+' button.
- ② You can set the time for performing the scheduled operation in the 'time settings.'
- ③ You can set the day or period for operating the schedule in the 'repeat' settings.
- ④ You can set the operation information for the schedule in the 'operation settings.'
- When OFF, you cannot set the mode, temperature, and the wind strength.

If you have completed adding the schedule by performing ① through ④ and pressing the  button, a message saying 'the schedule is added' appears and you are moved to the schedule view and edit screen.

Delete Schedule

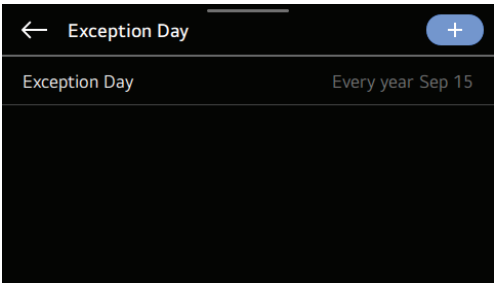
You can delete the schedule stored in the remote controller.



You can select the schedule event to be deleted in the schedule list and press the  button to delete it.

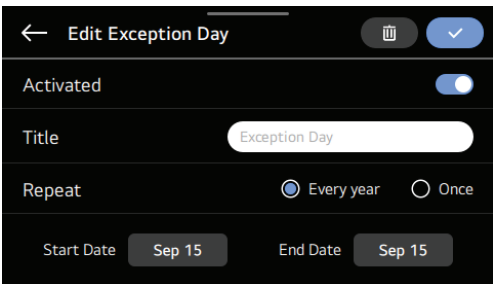
Set Exception Date

A function to automatically stop operation on the preset date.



- ① Select the Set Exception Date item in the schedule list, and you are moved to the details screen for Designate Exceptional Date.
- ② You can check, add, modify, or delete the exceptional date information stored in the remote control in the Set Exceptional Date.
- ③ To add an exception date, designate the start/end date on the details screen for registering the exceptional date, and press the  button. Then, the exceptional date is stored.

Press the exceptional date to be edited, and move to the edit screen.

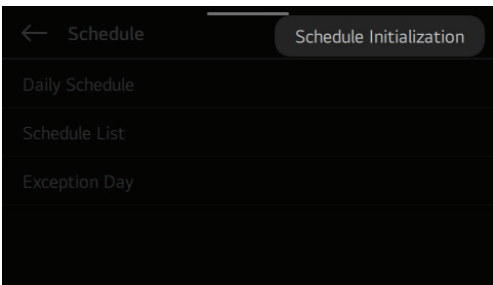


NOTE

- Activate: Set the activate/inactivate of the selected exceptional date.
- Title: Change the title of the selected exceptional date.
- Repeat: Modify the repeat or non-repeat of the selected exceptional date.
- Period: Modify the period of the selected exceptional date.

Reset Schedule

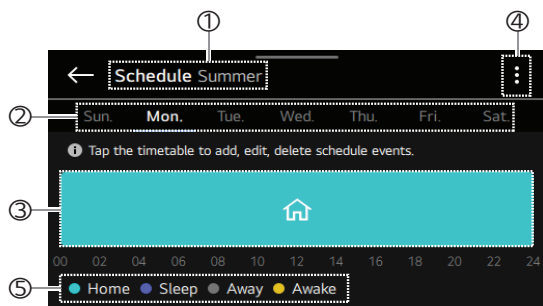
All the schedule-related information will be initialized.



SCHEDULE RESIDENTIAL (US)

The scheduling function that appear when the scheduling method is selected as Residential (US).

Select the Schedule in the menu screen and move to the schedule settings screen.

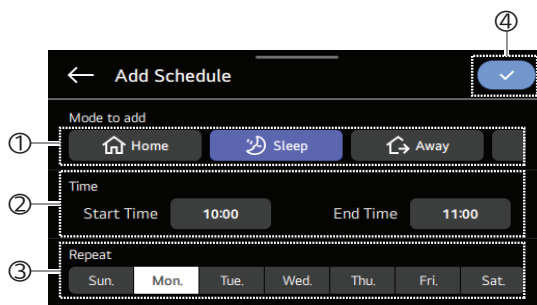


- ① Displays the seasonal information of the current schedule.
The schedule information for the day of the week selected in number ② is displayed in number ③.
- ④ Loads the settings menu related to scheduling.
- ⑤ This is the color legend of the schedule modes displayed in the schedule timetable.

NOTE

- The default mode is In-room.
- Refer to each item details page for how to set them up.

Add/Edit



- ① Select the schedule mode.
If the start time is in the afternoon and the end time is in the morning, the schedule after midnight is set as a schedule for the next day.
- ② Set the time to operate the schedule.
- ③ Set the day to run the schedule.
- ④ Editing of the schedule will be completed and you will return to the schedule status screen.

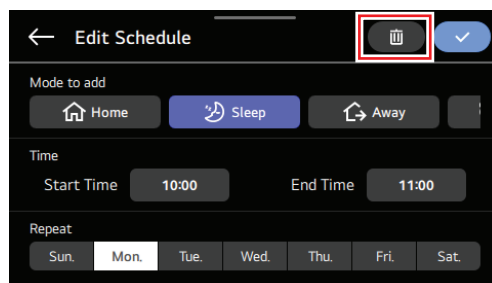
NOTE

- You can only set one schedule mode for the set period.

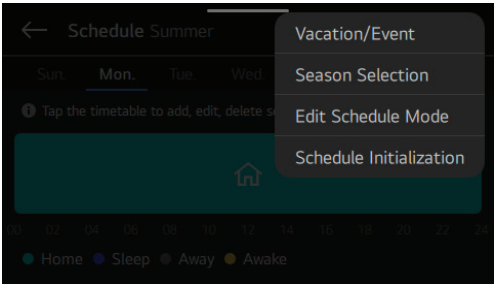
Delete

After selecting the schedule event to delete in the timeline, press delete in the Editing screen.

The schedule mode is maintained and only the content of the event set in the schedule mode is deleted.



Schedule Settings

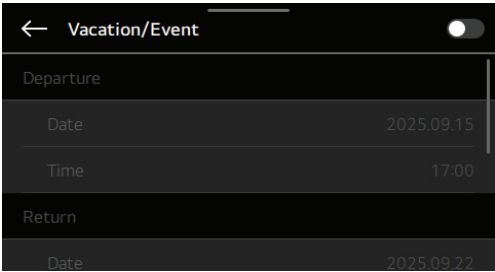


Select the settings icon to use the schedule more efficiently through the additional settings.

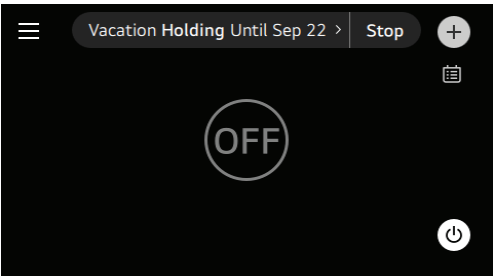
Mode	Description
Vacation / Event	You can put an existing registered schedule action on hold and change it to an action mode that you want to use temporarily.
Season Selection	Create a comfortable indoor environment suitable to the season with a simple change. – Use the schedule mode edit function first to set the schedule operation mode.
Edit Schedule Mode	Register the details of the schedule mode for each season.
Schedule Initialization	All the schedule-related information will be initialized.

1 Holiday/Event

- ① Date to be used in holiday mode. Set the time and product operation criteria. Select the Back button to finish setting.



- ② When the set date arrives, the setting information is displayed at the top and the registered schedule operation is delayed.



2 Select Season

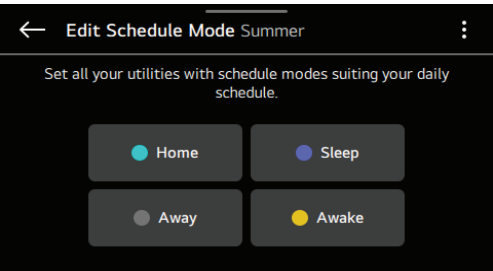
- ① Use Select Season to change the season. Set a different schedule for every season.



- ② When the season changes, it operates under the changed season's schedule mode.

3 Edit Schedule Mode

- ① Select the operation to use in each schedule mode and set the detailed operation information.

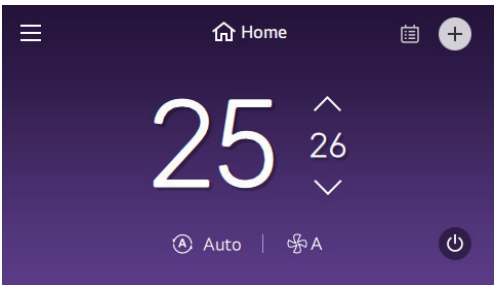


NOTE

- Select the Back button to finish setting.

Display Schedule Status

You can check the schedule status on the Main Screen.



1 Default schedule

Displays the currently operating schedule mode.



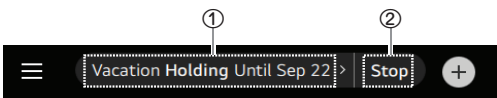
- ① Select if you want to change the schedule mode.

NOTE

- If you select a different schedule mode, it will operate according to the behavior of that schedule mode.

2 Holiday Schedule

If the holiday schedule is operating, it displays Holiday.



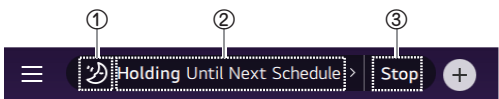
- ① Displays the end date of the holiday schedule.
- ② Select to end the holiday schedule.

NOTE

- The default schedule starts once the holiday schedule ends.

3 Temporary Schedule Changes

The currently operating schedule is paused and another operation mode temporarily operates.



- ① Displays the temporarily changed schedule status.
- ② The duration of the schedule temporary change is displayed, and you can set the time if you select it.

Function Names	Option
Schedule Holding Time	Next schedule, 30 Minutes, 1 Hour, 1 Hour 30 Minutes, 2 Hours, 2 Hours 30 Minutes, 3 Hours, 4 Hours, Continuous

- ③ Uncheck “Temporarily change schedule” and return to the default schedule.

NOTE

- If any one of the four items (mode/set temp/reservation mode/flow rate) is changed, the Temporary change schedule function starts.
- The type of temporary schedule change is determined by the changed item.
- The action time of a temporary schedule change is based on the time set in the current time on the remote controller.
- Temporary schedule change function retains the changed schedule until the next registered schedule starts.
- To change the duration, select a time under Temporary schedule changes.

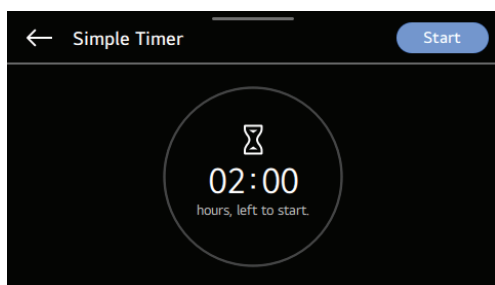
TIMER

Select the timer item in the menu screen and move to the timer setting screen.

You can move to the details screen by selecting the menu you want to set in the timer settings screen.

Easy Timer

You can conveniently set the booking for operation or stop.

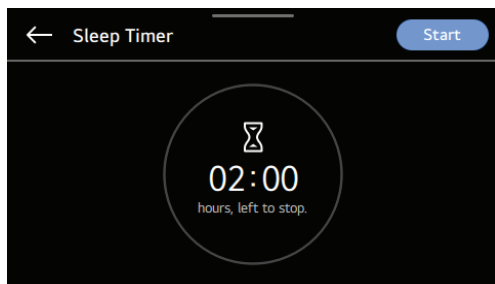


NOTE

- If the product operation is ON, the simple timer is turned OFF after the relevant time has passed.
- If the product operation is OFF, the simple timer is turned ON after the relevant time has passed.
- In the simple timer, if the operation is turned ON or OFF before the operation of the timer, the set timer is canceled.

Sleep Timer

The sleep timer is a function to operate or stop the air conditioner in the sleep mode after a certain period of time before sleep.

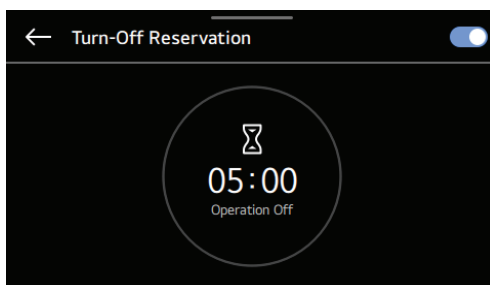


NOTE

- The sleep timer can be set when the product is operating.
- In the sleep timer, if the operation is turned OFF before the timer works, the timer is canceled.

OFF Timer

The product is turned OFF automatically at the set time.

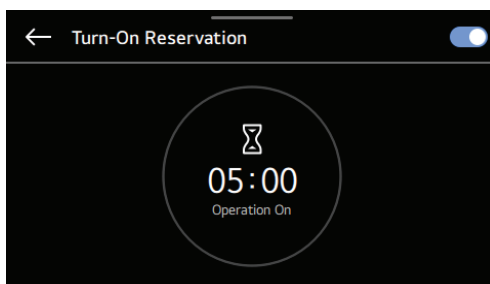


NOTE

- The OFF timer is not canceled even if the operation is turned ON or OFF before the timer works.

ON Timer

The product is turned ON automatically at the set time.



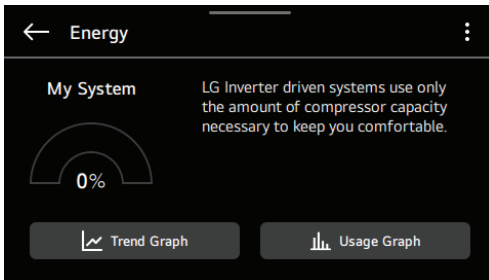
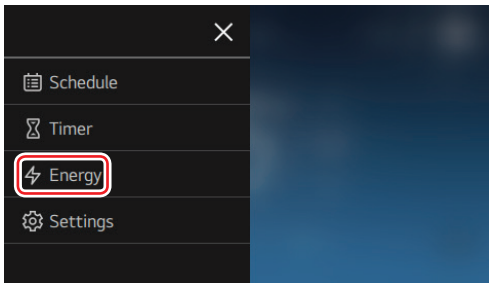
NOTE

- The ON timer is not canceled even if the operation is turned ON or OFF before the timer works.

ENERGY

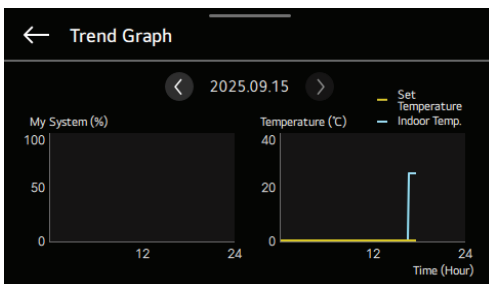
Tap on the energy item in the menu.

You can check energy usage and set power saving settings for energy saving.



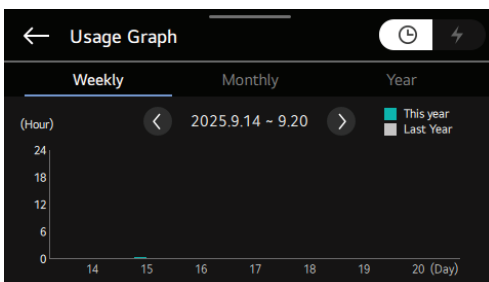
① Trend Graph

You can check the trend of the outdoor unit operation rate, indoor temperature, and desired temperature information during the day.



② Usage Graph

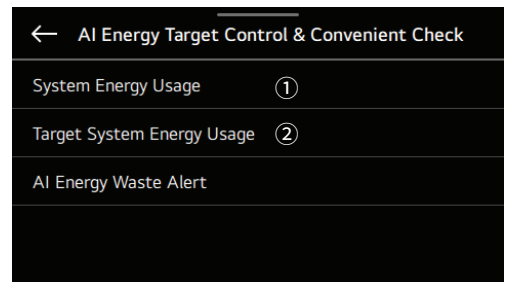
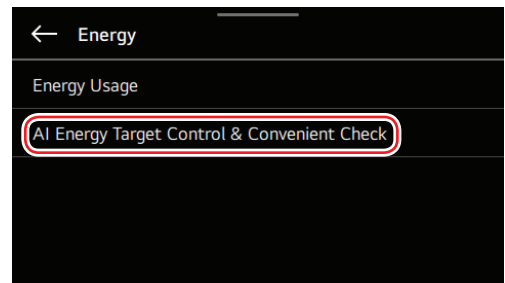
You can compare energy usage time/power usage on a weekly/monthly/annual basis. You can check by usage time/power usage.



NOTE

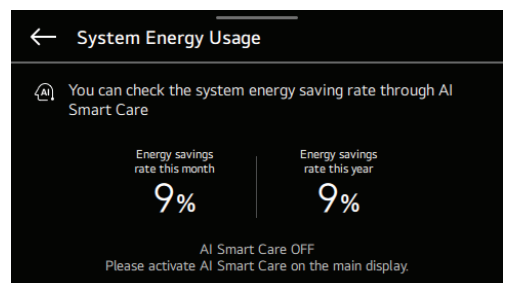
- Depending on the units selected, the accumulated energy usage/power usage over a day/week/month is displayed.
- This function may not be provided depending on the indoor unit.

Ai Energy Customized Operation & Convenient Check



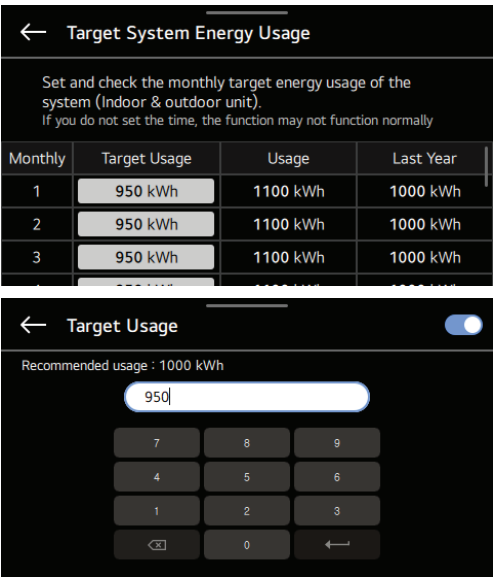
① System Power Consumption

When using Smart Care, you can check this month/year's savings rate as calculated by the AI controller.



② **System Target Power Consumption**

If the target consumption of the month for which you want to set the system target power consumption to is selected, it moves you to the target consumption settings screen.

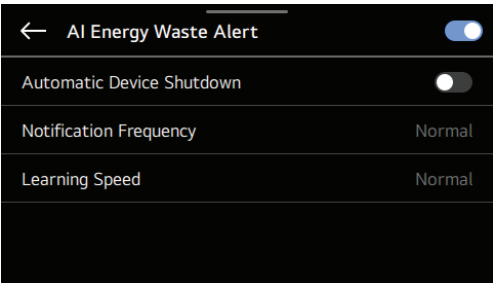


Target consumption screen

③ **AI Energy Waste Alert**

AI Energy Waste Alerts learns your usage patterns to help you save power with an on/off feature when it detects unusual operation patterns.

When you enable the energy-wasting notifications at the top of the screen, you can set the product auto-off, notifications frequency, and learning speed.



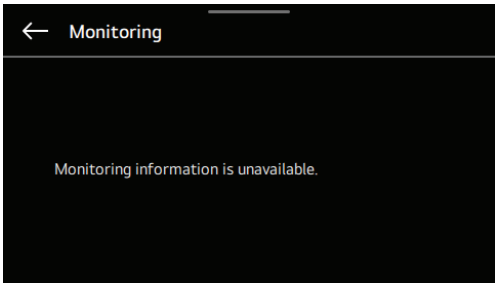
NOTE

- The configuration of the screen displayed may vary depending on the product connected.
- When setting the system target power consumption function in the central controller, you cannot use the system target power consumption function of the wired remote controller.

MONITORING

In the menu screen, select the monitoring item and move to the monitoring screen.

In the center of the monitoring screen, the product operation status is displayed.



NOTE

- The main information that can affect the product operation is displayed on the left lower end of the home screen.
- The warning icons related to oil change, Uvnano operation, and errors are displayed on the left lower end of the home screen.
- UVnano is a compound word of “UV (ultraviolet rays)” and “nanometer (a unit of length)”.

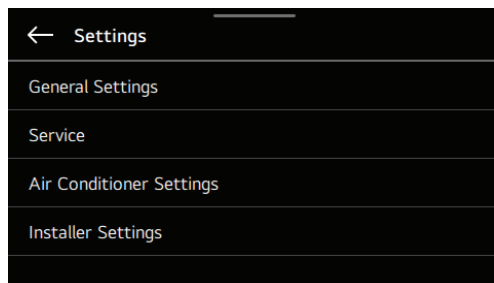
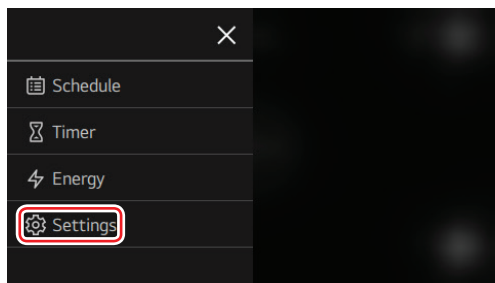
Icon Description	
	GHP outdoor unit engine oil replacement notification. Displayed when 10,000 hours of accumulated operation time of GHP outdoor unit have elapsed.
	Displayed when repair is needed during the UVnano function. If the UV alarm is displayed, contact LG Electronics Service Center for repair.

SETTINGS

Select Settings in the menu.

You can set the general settings, air conditioner/ventilation settings, service settings, and installer settings for the configuration of the usage environment.

Depending on the product, some functions cannot be set.



General Settings

Function	Description	Note & Option	
Language	A function to set the language displayed on the remote controller.	한국어 / English / Español / Français / Italiano / Deutsch / Русский / Polski / Português / 中文 / Čeština / Türkçe	
Setpoint Type	A function to set the setpoint type as single or dual. Single setpoint type only allows the user to set one setpoint referring to one operation mode. Dual setpoint type is a function that makes it possible to set the cooling and heating target temperature simultaneously. It is recommended for customers accustomed to using North American thermostats.	Single / Dual	
Temperature unit	A function to set the temperature unit displayed on the remote controller.	Celsius	Fahrenheit
		0.1 °C / 0.5 °C / 1 °C	The Fahrenheit temperature unit operates by receiving the temperature unit from the indoor unit.

Function	Description	Note & Option		
Screen Saver	A function to adjust the screen off time of the remote control and the standby screen brightness.	Standby screen entry time	Standby screen brightness	Content
		OFF 15 Sec 30 Sec 1 Min	OFF 25 % 50 % 75 % 100 % Automatic	Current status Date & Time Weather Air quality
		• If the Standby Screen Brightness is used at 100%, the LCD life may be reduced. • The 'Auto' of the Standby Screen Brightness is activated only in the indoor unit with a human detection sensor kit. • When it is set to be 'Auto,' the wired remote control standby screen brightness is controlled in accordance with the intensity of illumination detected by the human detection sensor. • The content set value 'Weather' requires connection to the ThinQ app.		
Date & Time	A function to set the date and time displayed on the remote control.	-		
Lock	A function to lock the buttons of the remote control for preventing children or any other person from using the remote control in an improper manner.	All lock/Operation lock/Mode lock/Air volume lock/Temperature lock/Desired temperature range lock		
System Reboot	A function to restart the remote control.	-		
Humidity Display	The function to decide whether to display humidity on the main screen and the standby screen.	ON / OFF • When set to 'On', the humidity value depends on the humidity detection location setting (installer setting). 1) Remote controller: Displays the humidity that remote control sensed. 2) Indoor unit: Displays the humidity that indoor unit sensed. However, if no information is received, humidity is not displayed.		

Function	Description	Note & Option
Display Opposite Mode	A function to set whether to display the status where the operation mode selection is unavailable in accordance with the outdoor unit operation when the cooling/heating mode is selected in a product which does not support the cooling/heating operation at the same time.	ON / OFF
Password	A function to set a password for preventing children or any other person from randomly changing the remote control settings.	-
Remote Controller Wi-Fi Pairing	To connect the remote control to the ThinQ app, the pairing function of the Wi-Fi module built in the remote control is activated.	-
Auto return to main screen	A function to set whether to use the auto return to the main screen when there is no touch input for a certain period of time.	ON / OFF
Sound	Activates the button touch sound effect.	ON / OFF
Dust mark type	A function to set the dust mark phrases.	LG/Standards • It is displayed as fine dust (PM 10), ultra-fine dust (PM.2.5), and extreme ultra-fine dust (PM.1.0). • Standards: PM 10, PM 2.5, PM 1.0

Air Conditioner/Ventilation Settings

Function	Product		Description	Option	
	Air Conditioner	Ventilation			
Elevation Grill	○		A function to operate the elevation grille for cleaning the indoor unit filter.	• Rise: Elevate the elevation grille toward the product. • Stop: Stop the movement of the elevation grille. • Fall: Lower the elevation grille toward the floor.	
Robot Cleaning	○		The robot cleaning function is to allow the cleaner on the product to automatically clean the filter when the air conditioner is used for a certain period of time or longer. Sets the robot cleaning to work manually or automatically. It can be set 30 seconds after the operation stops.	• Auto: When the indoor unit's accumulated operating time exceeds 30 hours, the robot automatically performs cleaning. • Manual: Robot cleaning is conducted manually	
Auto Dry	○		The auto dry function is to remove mold and humidity by drying the inside of the indoor unit when the product is turned OFF after a cooling operation.	General models	Auto dry operation time selection available model
				Enabled/Disabled	Enabled/Disabled 10 min / 30 min 60 min / AI dry
				• AI Dry: Automatically control the drying time by referring to the humidity. ※ It is available only when there is a humidity sensor.	
Filter Sign	○	○	You can check the Prefilter Status and initialize the filter usage time. If you plan to reset the default value after the filter's auto-inspect status is displayed, it's best to clean the filter before resetting.	• The remaining time to clean the filter is for reference, and the actual filter status may vary depending on the installation environment and usage conditions. • When dust is put on the filter, the cooling/heating capacity is lowered with a high electricity charge, so please clean the filter when the time comes. • Setting the auto-inspect filter function saves the filter's initial status. The auto-inspect filter function runs every 720 hours to check if the filter is clogged and displays the results.	

Function	Product		Description	Option
	Air Conditioner	Ventilation		
Wi-Fi	○		This feature enables or disables the Wi-Fi module connected to the indoor unit. When set to Disabled, the Wi-Fi pairing menu is disabled.	-
Wi-Fi pairing	○	○	It is the function to perform the pairing function of the Wi-Fi module connected to the indoor unit.	-
Change Temperature	○	○	The conversion temperature is a function to set a temperature by which cooling and heating operation is automatically converted according to a temperature.	1~7 °C (2~14 °F)
Deadband	○		Dual Desired Temperature This feature sets the minimum difference between the heating and cooling desired temperatures referenced by the autopilot. When using dual desired temperatures, the cooling desired temperature must always be higher than the heating desired temperature. Deadband proactively prevents the desired cooling and heating temperatures from reversing.	Deadband setting is enabled when using Dual Desired Temperature. • If the cooling desired temperature for Dual Desired Temperature Autopilot drops below the heating desired temperature by more than the deadband setpoint, the heating desired temperature value will drop at the same time due to the deadband limit. • If you increase the cooling desired temperature in Dual Desired Temperature Autopilot beyond the cooling desired temperature by more than the deadband setpoint, the deadband limit will cause the cooling desired temperature value to increase at the same time.
Zone Name	○		The name of each Zone to be used for zone control can be determined by directly typing it according to the user's style.	-
Comfort Cooling	○	○	A function to set the outdoor unit comfort power-saving operation stage value.	Stage 1 / Stage 2 / Stage 3

Function	Product		Description	Option	
	Air Conditioner	Ventilation			
ODU Refrigerant Noise Reduction	☐	☐	A function to set the refrigerant noise reducing function of the outdoor unit.	This function is available only if the outdoor unit Master / Slave setting of the installer settings is Master.	
Defrost Mode	☐	☐	A function to set the defrosting mode operation of the outdoor unit.		
Smart Load Control	☐	☐	A function to set the active power-saving stage value of the outdoor unit. (Active power-saving is a function to operate by calculating the required performance from the air temperature and humidity in the indoors and the outdoors.)		
Low Noise Mode Time	☐	☐	A function to set the start time and end time of the outdoor unit low noise mode operation.	The outdoor unit low noise operation time settings function can be set only when the installer settings' outdoor unit function M/S setting is 'Master', and the outdoor unit low noise control reference setting is "Remote Controller".	
Advanced Fan Speed "Auto"	☐		A function to set the auto fan usage based on the temperature of the indoor unit.	ON / OFF	
Human Detection Mode	☐		It is the function to set the operation of human detection mode.	Power Saving Operation Using Body Sensor	Time
				- OFF: Not using the Human detection power-saving operation. - On/Off learned power-saving: When no user is detected for a set time, the product is turned OFF for saving power. - Temperature power-saving: When no user is detected for a set time, the desired temperature of the product is controlled for saving power. - Activity custom power-saving: It can control the set temperature in accordance with the activity and save energy.	5 / 10 / 15 / 30 / 60 / 90 min.

Function	Product		Description	Option
	Air Conditioner	Ventilation		
Top And Bottom Selection	○		This is a function to set the usage of the upper and lower vanes when operating the product.	Entire control / Upper / Lower
My Favorite Temperature	○		A function to set the desired temperature in initial operating mode when the user saves a set desired temperature.	ON / OFF
Economizer	○		A function to supply external air into the room for saving energy and improving room air quality.	• OFF: Cancel the economizer function and keep the damper closed. • Auto: When the external air condition is lower than the room air condition in case of cooling operation, the external air is supplied to the room to save energy. • Stage 1: Opens the outer air damper opening by one stage to improve the indoor air quality by introducing fresh air into the room. • Stage 2: Opens the outer air damper opening by two stages to improve the indoor air quality by introducing fresh air into the room.
Air Conditioner Display Brightness	○		A function to control the indoor unit status display brightness.	• General model: OFF/ON/Auto • Brightness-controllable model: 100%/50%/OFF/Auto • 'Auto' setting is enabled only in the indoor units equipped with the human body sensor kit. • When it is set to be 'Auto,' it is automatically controlled in accordance with the intensity of illumination detected by the human detection sensor.
Air Conditioner Air Quality Brightness	○		A function to control the air quality display brightness of the indoor unit.	ON / OFF
UVnano	○	○	The UVnano function is to sterilize the fan or the filter by using a UV LED at regular time intervals when the indoor unit is working.	ON / OFF

Function	Product		Description	Option	
	Air Conditioner	Ventilation			
Fine Dust Filter Status	○	○	You can check the fine dust filter status and reset the filter usage time.	The used and remaining amount are for reference, and the actual filter status may vary depending on the installation environment and usage conditions.	
Pre-Filter Status	○	○	You can check the pre-filter status and reset the filter usage time.	- When dust is caught in the filter, the airflow decreases and the electric bill is high, so be sure to clean or replace the filter when it is time to clean or replace it. - The fine dust filter (HEPA filter) check mark will not be cleared unless you specifically clear it. - The pre-filter check mark will be cleared after a certain time even if you don't specifically clear it.	
Delay Time		○	A function to set the operation to work after a delay time in case of ventilation operation.	1-60 min. (by the unit of one min.)	
Midnight Air Cooling		○	A function to discharge the room heat and supply the cool external air into the room at summer night for saving energy.	- After setting the function ON, set the start time and the end time. - Only when the air conditioner and the ventilation are both stopped, it is determined whether to operate the night external air cooling or not. - Even if it is the set night external air cooling time, the night external air cooling is started only when the outdoor temperature condition is met.	
CO ₂ Fan Control		○	This function sets the FAN operating standards based on the CO ₂ concentration of ventilation products.	Fan Control During Operation On	Fan Control During Operation Off
				OFF/Sporadic wind/Weak	OFF/Sporadic wind
Select Humidification Range		○	A function to set the room humidification operation range of direct-type ventilation product.	Min. humidity	Max. humidity
				20% ~ 70%	50% ~ 80%
				- The min. humidity and the max. humidity can be changed by 5% at a time. - The min. humidity and the max. humidity must be kept different from each other by 10%.	

Function	Product		Description	Option		
	Air Conditioner	Ventilation				
Interlock air purification with air conditioner and ventilation		○	AC-ventilation air purification interlock is a function that aids with indoor air purification by operating ventilation with the air purification operation of the AC when the indoor fine dust concentration is bad.	ON / OFF • If the AC's fine dust concentration is bad or very bad, ventilation is interlocked. • Ventilation is operated at Special High Speed during interlocking operation.		
AI Indoor Space Care	○		A function where nearby indoor units cooperate to create a pleasant space when the target temperature cannot be reached due to ambient thermal load, even though 100% of the indoor unit's cooling/heating capacity is being used.	Use (Y/N)	Search space	Group number
				ON/OFF	Automatic Manual (comfort) Manual (power saving)	00~FF
				• Auto: Automatic space learning • Manual (comfort): Set manual group/Set comfort first • Manual (power saving): Set manual group/Set power saving first		
Weather Interlocking	○		Weather Interlocking is a function that operates by referring to outdoor operation information.	Comfort operation with humidity reference	Comfort operation with humidity reference is a function that uses the outdoor humidity to actively save power for when the outdoor unit is running.	ON/OFF
				Warm-up operation schedule	The warm-up schedule is a scheduling function that shortens the time to reach a comfortable temperature by warming up the indoor space before actual use.	ON/OFF, Day, Time
				Set snow removal mode	The snow removal mode setting is a function to set whether to operate the outdoor fan when it snows to remove the snow.	ON/OFF
Smart Diffuser Setting		○	You can set the diffuser name, address, and name of each room's ventilation operation. You can use Geolocation to determine the location of that diffuser.	Name: Set a name for each diffuser Check location: You can verify the diffuser by using the LEDs on that diffuser.		

Function	Product		Description	Option
	Air Conditioner	Ventilation		
Smart Diffuser Air Quality Fan Control		○	Intermittent operation can be done to read air quality even when the unit is off.	ON/OFF
Smart Diffuser LED Brightness		○	You can set the brightness of the LEDs in the diffuser.	OFF / 25% / 50% / 75% / 100%

NOTE

- AI Indoor Space Care finds surrounding indoor units that can cooperate through AI field learning.
: It needs at least two weeks for the learning period, and additional learning periods may be required depending on the operation method and environment at the installation site.
- You can operate up to 2 cooperative indoor units.
- After setting to use AI Indoor Space Care, it is available when operating AI Smart Care.
- AI Indoor Space Care indoor units may be automatically turned on and off as a result of AI field learning.
- If you do not wish to use the AI indoor space care operation function, set it to OFF.
- If a model for both cooling/heating, AI Indoor Space Care is not available during simultaneous cooling and heating operation.



CAUTION

- Set it to off if the low noise operation time setting and night outdoor cooling setting functions are not used.
- Low noise operation can reduce cooling capacity.

Service Settings

Function	Description
Service Contact	A function to check and input the phone number of the available service center when a failure occurs in the product.
Model Information	A function to check the indoor and outdoor units product groups and capacity information connected to the remote control.
Model Name	A function to check the model name of the remote control.
Software Version	A function to check the software version of the remote control.
Open Source License	A function to check the open source license of the remote control.
Check Error History	A function to search the error history of connected indoor units.
Installation Wizard	A function to change the installation wizard settings set for the initial installation of the remote control.
Software Update	A function to update the software version of the wired remote control using the OTG port.

INSTALLER SETTINGS

Select the installer settings in the settings menu.

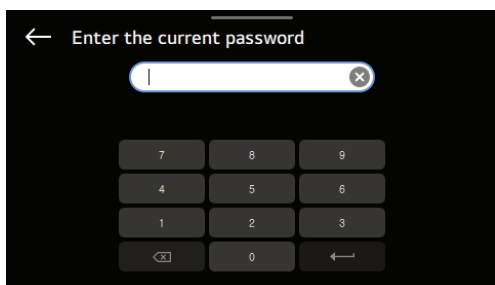
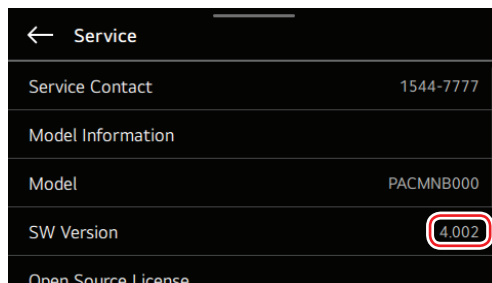
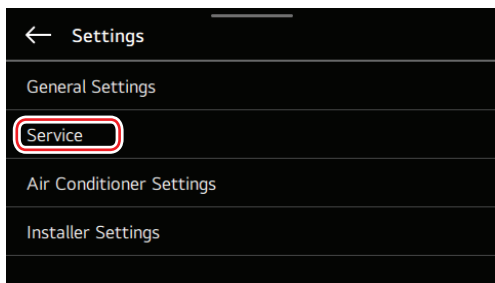
- Various settings can be made during the installation step before using air conditioner/ventilation products.

Please enter the password.

- How to verify password

Check the software version in the service settings menu.

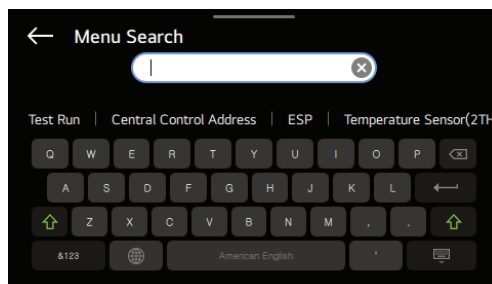
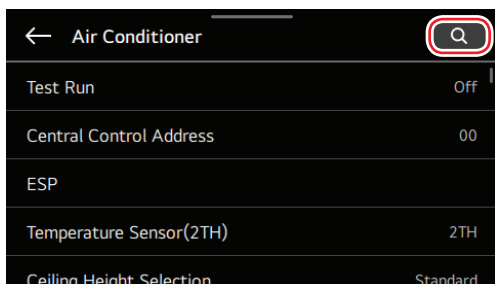
- If SW version is 2.000, password is 2000.



Tap the Magnifier icon in the upper right corner, making it easy to find what you want.

- Auto-complete items are displayed based on the characters you enter.

- You can also search by the code number of installer setting.



Air Conditioner / Ventilation Installer Settings

Function	Product		Description	Option
	Air Conditioner	Ventilation		
Test Run	○	○	A function to set the test-running when initially installing the product.	-
Central Control Address	○	○	A function to set the central control address of the indoor unit when connecting the central controller.	00 ~ FF
ESP	○		A function for setting the air volume value corresponding to each air volume and to facilitate installation.	Set the RPM value for each fan speed.
Temperature Sensor (2TH)	○	○	A function to select the temperature sensor for determining the room temperature.	Remote control/Indoor unit/2TH
Ceiling Height Selection	○		A function to control the stage of air volume in accordance with the height of the ceiling in a ceiling-type product.	Low/Standard/High/Very high
Static Pressure	○		This function changes the fan speed in the indoor FAN according to the opening and closing quantity of Damper. It is available only in a duct product.	V-H: Indoor fan speed change, High pressure F-H: Fixed with set fan speed, High pressure V-L: Indoor fan speed change, Low pressure F-L: Fixed with the set fan speed, Low pressure
Override Master / Slave	○	○	A function to prevent another mode operation. In the function, the products set to 'Slave' prevent the selection of the opposite mode of the operation mode of the indoor unit which is set to 'Master.'	Master / Slave
Dry Contact Mode	○	○	A function which is available only when the dry contact apparatus is separately purchased/installed.	Manual / Auto
3 Minutes Delay	○	○	Temporarily cancel the 3 min. delay function of the outdoor compressor. ※Caution: Do not randomly set it since it is a function used for producing the products.	-
SEER Mode	○		Measures the operation ability of the duct product.	ON/OFF

Function	Product		Description	Option		
	Air Conditioner	Ventilation				
Fixed Air Volume	○	○	A function to set the air volume mode of the indoor unit to be variable/fixed.	Variable: When the Comp is ON, it operates in the set fan speed. Operate to low fan speed at COMP OFF. Fixed: When the Comp is ON, it operates in the set fan speed. Operate to set fan speed at COMP OFF.		
Zone Type	○		A function to set the zone type supported by the indoor unit such as the "new" and the "old" types.	Old: You can check only the operation status of the relevant zone by using the wired remote control. New of 8 Zone: You can control and monitor the zones by using the wired remote control.		
Zone Number	○	○	A function to set the number of zones. It is available only when the zone type is "New."	2 ~ 8		
Over Heating	○	○	Control the heating thermal ON/OFF temperature conditions. ※Caution: If you incorrectly set it, it may cause overheating or weak heating.		Thermal On	Thermal Off
				Level 0	Operates in accordance with the product set value	
				Level 1	4 °C (8 °F)	6 °C (12 °F)
				Level 2	2 °C (4 °F)	4 °C (8 °F)
				Level 3	-1 °C (-2 °F)	1 °C (2 °F)
				Level 4	-0.5 °C (-1 °F)	0.5 °C (1 °F)
Pipe Temperature	○	○	You can check the temperature of the pipe connected to the product.	-		
Emergency Heater	○		A function to determine whether to use the emergency heater control function and set the usage environment.	Enabled/Disabled		

Function	Product		Description	Option
	Air Conditioner	Ventilation		
Func. Control During Grp. Control	○		A function to select the operation standards of the product in case of group control.	Type 0 All indoor units connected work in the same status. Only the standard functions are available. Type 1 All indoor units connected work in the same status. The below functions can be additionally used in accordance with the functions of the Master indoor unit. – Wind direction Up/Down/Left/Right/Breeze, Additional features - Power-saving cooling/heater/fan auto, vertical wind angle - full control. Type 2 When it is operated by the wired remote control, all the indoor units connected work in the same status. When it is operated by wireless remote control, only the indoor unit which has received the command operates. You can use all the functions of the master indoor unit.
Air Purify	○		A function to set whether to additionally install after mass-production or mount after removal for the option units (air cleaning/heater/humidification/elevation grille/ventilation/sub heater).	Installed/Not installed
Heater Kit	○			
Humidification Kit	○			
Elevation Grill	○			
Ventilation Kit	○			
Aux Heater	○			
Refrigerant Leak Sensor	○	○	A function to set whether to install a flare fastening unit and welding unit leak sensors on the indoor unit.	Installed/Not installed
IDU Address Verification	○	○	A function to check the address of the indoor unit designated from the outdoor unit.	-

Function	Product		Description	Option		
	Air Conditioner	Ventilation				
Over Cooling	○	○	Control the cooling thermal ON/OFF temperature conditions. ※Caution: If you incorrectly set it, it may cause overheating or weak heating.		Thermal On	Thermal Off
				Level 0	Operates in accordance with the product set value	
				Level 1	6 °C (12 °F)	4 °C (8 °F)
				Level 2	4 °C (8 °F)	2 °C (4 °F)
				Level 3	1 °C (2 °F)	-1 °C (-2 °F)
Static Pressure Step	○		This function allows you to set the static pressure of the duct product by subdividing it into 11 steps.	Stage 0-Stage 11 • If the static pressure stage settings are used, the static pressure settings are not used. • Please refer to the indoor unit product manual for the static pressure value for each stage.		
Guard Timer	○		Set the outdoor unit cycle conversion operation standby time, and set the outdoor unit protection time for cycle conversion.	Stage 0: 0 min./Stage 1: 15 min./ Stage 2: 30 min./Stage 3: 45 min./ Stage 4: 60 min.		
Fan Speed In Cooling Thermal Off	○	○	A function to set the operation of the indoor unit fan during the cooling thermal OFF operation.	Weak wind/OFF/Set wind		
Primary Heater	○		A function to set the control to be conducted with priority on the heater usage than the outdoor unit cycle in case of operation of the indoor unit heating.	ON/OFF		
AC. Fan Oper. Interlocked With Vent.	○		When the air conditioner and the ventilation product are interlocked for operation, the function sets whether to operate the fan of the air conditioner.	ON / OFF		
IDU Auto-Start	○	○	In the event of a power outage, you can set whether to recover the product to its previous operating state.	Enabled: Reset to the previous operation status. Disabled: Reset to the operation OFF status.		

Function	Product		Description	Option
	Air Conditioner	Ventilation		
Occupancy Duration Time	○		A function to set the absence determination maintenance time among the In-room sensor values.	0 / 10 / 30 / 60 min.
CN_CC	○		A function to set whether to install (use) the Dry contact. (It is not a function for installing the dry contact but for setting the usage of the CN_CC port of the indoor unit.)	• Dry contact auto installation: When the power is applied to the product, and when the contact is ON with the dry contact installed, the indoor unit product recognizes the dry contact installation. • Dry contact manual non-installation: Not use (install) the dry contact. • Dry contact manual installation: Use (install) the dry contact. • Simple ON/OFF: Use the Programmable DI/DO (Simple On/Off) usage.
CN_EXT	○	○	A function to set to control the external input and output in accordance with the DI/DO set by the customer by using the dry contact port of the indoor unit. (A function to determine the usage of the contact port (CN_EXT) mounted on the indoor unit PCB.)	• Disabled: Use the simple dry contact set value. • Simple operation control signal: Simple operation ON/OFF • Single dry contact signal: Dry contact (simple contact) • Single emergency stop signal: Indoor unit single emergency stop • In-room/Absence signal: In-room/ Absence • Entire emergency stop signal: All indoor units' emergency stop ※ It can be set only when the indoor units have the emergency stop function. • Window contact: In case of window contact, the indoor unit operation is processed. ※ It can be set only when the indoor units have the window contact function. • Window contact lock: When the window contact is locked, the indoor unit operation is processed. ※ It can be set only when the indoor units have the window contact lock function. • MPM: Individual power module interlock mode

Function	Product		Description	Option
	Air Conditioner	Ventilation		
ODU Function Master	○	○	A function to set the function master/slave of the outdoor unit.	Master/Slave
Fan Continuous Operation	○		A function to set the fan non-stop function usage of indoor unit. (A function to operate the fan of the indoor unit for longer than the conventional operation method in the outdoor unit for maximizing the cooling/heating efficiency.)	ON/OFF
Low Noise Mode Priority	○	○	A function to set the control subject of the low noise mode. (A function to set only one of the outdoor unit and the remote control to be able to manage the low noise operation.)	Outdoor unit/Remote control
Lamp Color Setting	○		This function selects the LED color to display the fine dust status of the product.	Auto/RGB/YGG
Dust Step Color Setting	○	○	You can change the color display method for each stage of fine dust according to national standards.	• Type 1: Stage 4 (Republic of Korea) • Type 2: Stage 4 (Global) • Type 3: Stage 6 (China)

Function	Product		Description	Option	
	Air Conditioner	Ventilation			
Human Detection Sensor	○		It is the function to set whether to install human detection sensor and operation standard value.	value	Description
				Human Detection Sensor	Not installed, default installation, 90° rotated installation
				Sensing Period	• Type 1: 5 sec, 30 sec, 1 min, 3 min • Type 2: 5 sec, 10 sec, 30 sec, 1 min ※ For Type 2, apply it only when the indoor unit product has the custom temperature settings function.
				Sensitivity	Standard, Weak, Strong
				Keeps operating even when the temperature power saving is complete	• Stage 0: Maintain the product operation and use the temperature power-saving function. • Stage 1: Use the temperature power-saving function and stop the operation of the indoor unit.
				Detection Area	Wide, Narrow, Room floor area detection
Humidity Sensing Position	○		A function to decide where to detect humidity.	Remote control/Indoor unit	
ODU Cycle Priority	○		You can select standby or cooling.	• Disabled: It does not support the opposite cycle operation with the wired remote control. • Cooling: When the user has selected the opposite operation mode by the wired remote control, the indoor unit stops the heat exchange and the fan. • Standby: There is a priority on the cooling cycle. When the user has changed the operation mode of a specific indoor unit into the cooling or heating cycle, the outdoor unit is switched into the cooling cycle and the indoor unit maintains the heating operation by using the heater. ※ Before using this function, please set the emergency heater or external heater function.	

Function	Product		Description	Option
	Air Conditioner	Ventilation		
Outdoor Temp. For Heating Stages	☐		You can set the outdoor temperature based on the temperature of the heater combination heating mode.	-
Estimated Energy Display	☐		A function to set the display of the energy data measured by the outdoor unit.	ON / OFF
CN_PTC	☐		This is a function to set PTC Port of indoor unit.	ON / OFF
Temperature Compensation	☐		You can display on the screen by applying the compensation value to the temperature value detected by the remote controller.	In case of Celsius: -5 °C to +5 °C (by the unit of 0.5 °C) In case of Fahrenheit: -10 °F to 10 °F (by the unit of 1 °F)
Humidity Compensation	☐		Compensation value can be applied to the humidity value detected by the remote controller to display on the screen	-10% to +10% (by the unit of 1%)
Dust Lamp Always Displayed	☐		A function to set whether to regularly display the dust concentration on the LED lamp mounted on the indoor unit product.	ON / OFF
FAN Operation Time	☐		A function to display the operation cumulative time of the indoor unit fan motor.	-
IDU Operation Time	☐		A feature that displays the cumulative time that the indoor unit has been on.	-
Indoor Temperature Master / Slave	☐		A feature that sets the Master/Slave for the temperature sensors for each indoor unit.	• Cancel: Cancel the function. • Master: Set based on the room temperature. • Slave: Use the reference temperature of the master indoor unit. ※When it is set to Slave, you can set the Master indoor unit address (00-FF).
Indoor Unit Physical Address	☐		Set the physical address of the indoor unit.	-
Heating By Sensing Floor Temperature	☐		This function sets whether to use the floor temperature detection sensor.	ON / OFF

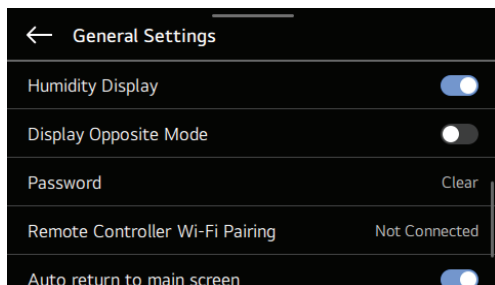
Function	Product		Description	Option
	Air Conditioner	Ventilation		
Auto ESP	○		This function can be used for changing the target air volume.	Disabled/+10%/-10%
Fan Setting During Thermal Off (Occupancy / Operation Mode)	○		This function automatically sets the rotary speed of the fan in accordance with each stage of the rated air volume for making it easy to install.	-
UVnano	○	○	This function sets whether or not UV LEDs are installed in order to use the UVnano function.	Installed / Not installed
Filter Box	○		A function to set whether to install for using the function of filter box.	Installed / Not installed
Password Initialization	○	○	A function to reset the password (0000) when the password set on the remote control is not remembered.	-
Factory Data Reset	○	○	A function to reset all the settings, timer, schedule, and energy information stored in the remote control.	-
Air Supply ESP		○	A function to determine the air volume value falling under the air supply volume.	Set the RPM value for each fan speed.
Air Exhaust ESP		○	A function to determine the air volume value falling under the exhaust air volume.	Set the RPM value for each fan speed.
Product Direction		○	A function to set the installation direction of the ventilation indoor unit.	Normal/Opposite
Express Ventilation Priority		○	A function to set the priority of air supply and air exhaust in case of fast ventilation operation.	Air supply / Air exhaust
Hum. Of Stand-alone Vent. Mode		○	A function to set whether to use the humidification function in case of ventilation single operation of direct-type ventilation.	ON / OFF
Hum. Of Vent. With Heating Oper.		○	A function to automatically or manually set the heating humidification function of the direct-type ventilation.	Auto / Manual

Function	Product		Description	Option							
	Air Conditioner	Ventilation									
Vent. Fan Speed Alignment		○	A function to change the reference air volume of ventilation.	Default value / Rise by 10% / Fall by 10% / Fall by 20%							
Filter Check Alarm			A function to set the filter replacement cycle of the ventilation indoor unit.	Stage 0-Stage 5							
Noise Target Control	○		A function to limit the operation noise of the outdoor unit. Limit the outdoor unit compressor maximum frequency.	Setting value: ON/OFF Decibels(dB) : 50 / 55 / 60 / 65 / 70 • The range of noise limits may vary depending on the version of the remote control and the connected product.							
Using the fan while the Aux Heater is running alone	○		This function enables the indoor unit fan even when the Aux Heater is running on its own.	Setting Value Off: Disable indoor unit fan while Aux Heater is running alone On: Enable indoor unit fan while Aux Heater is running alone							
Built-in heater behavior Outdoor temperature	○		This function controls the outdoor temperature at which the built-in heater is activated.	On				Off			
				10~21 °C (50~70 °F)				-			
Setting the Heater Operating Temperature Differential	○		This function sets the temperature of the Thermo On/Off between room temperature and desired temperature when heater is running.	On				Off			
				Heater 1 On	Heater 1 Off	Heater 2 On	Heater 2 Off	On			
				-5~5 °C (-10~10 °F)	-5~5 °C (-10~10 °F)	-5~5 °C (-10~10 °F)	-5~5 °C (-10~10 °F)				
				Minimum Temp Difference to Enable Heater							
				- Heater 1 Off ≥ Heater 1 On + 1 °C (2 °F) - Heater 1 Off ≥ Heater 2 On + 0.5 °C (1 °F) - Heater 1 Off ≥ Heater 2 Off + 0.5 °C (1 °F) - Heater 2 Off ≥ Heater 2 On + 1 °C (2 °F) ※ Heater 1 Off > Heater 2 Off > Heater 1 On > Heater 2 On Depending on the number of heaters installed in the indoor unit, some temperature difference values for heater operation may not be displayed.							
Built-in heater behavior during defrosting	○		This function keeps the heater in use during defrosting.	Setting value: ON/OFF							

Function	Product		Description	Option
	Air Conditioner	Ventilation		
Setting the piping address	○		This function sets the piping address of the "Multi" series.	Splitter address: 0~3 Pipe address: A~E • The left side is the splitter address and the right side is the pipe address setting value. • This setting value may differ to the address value which is automatically set by the outdoor unit. • This setting value is not set if the outdoor unit is setting the pipe address automatically.
Refrigerant Leak Detection Sensor Lifetime Timer	○		This function resets the life timer of the refrigerant leakage detection sensor.	Please make sure to reset the refrigerant leakage detection sensor, if you replaced it. The product may malfunction, if you don't reset it.
Smart Diffuser Open Rate	○		You can set the degree to which the diffusers in each room open.	50% / 70% / 100%
Set how the controller communicates	○		This function sets how the controller communicates.	See separate page.

USING THE LG THINQ APP

You can easily change the desired settings through the ThinQ App after directly connecting the wired remote control to the ThinQ App.



NOTE

- Bluetooth function is not supported.
- To connect the wired remote controller to the ThinQ app, select the deluxe wired controller in the product selection stage.
- Controller Wi-Fi pairing is not supported on all models.

Other Mode Operation

Other Mode Operation is a phenomenon that occurs when multiple indoor units are installed in one outdoor unit and the operation modes of the indoor units are different. (The other mode operation does not appear in the cooling exclusive models.)

Example of Other Mode Operation

- If one outdoor unit is operating multiple indoor units in cool mode and one indoor unit is operating in heat mode, it will not operate in heat mode.
- If multiple indoor units are running on heating from one outdoor unit while one indoor unit is running on cooling or dehumidifying, the unit will not operate.

Open Source Information

To obtain the GPL, LGPL, MPL, and other source codes distributed to open source licenses for which the source codes shall be disclosed, or to check the license contents and copyright notices for the open source, please visit <https://opensource.lge.com>.

In addition, if a consumer sends an e-mail to opensource@lge.com to request the open source code of the software installed in this product, LG Electronics charges the minimum cost required for delivery, such as media costs and transportation costs, and contains the code in a suitable storage medium in order to provide same.

This offer is valid for anyone who receives the information within 3 years of the product's purchase.

Memo



US	Please call the installing contractor of your product, as warranty service will be provided by them.
CANADA	Service call Number # : (888) LG Canada, (888) 542-2623 Numéro pour les appels de service : LG Canada, 1-888-542-2623