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中文

ENGLISH

ITALIANO

ESPAÑOL

FRANÇAIS

DEUTSCH

ČEŠTINA

POLSKI

PORTUGUÊS

РУССКИЙ ЯЗЫК

TÜRKÇE

OWNER'S & INSTALLATION MANUAL AIR CONDITIONER

Make sure to read the "Safety Precautions" carefully prior to using this product.
Please keep this manual where it can be accessed anytime by the user of the product.
The product's warranty is included in this manual.

Deluxe Wired Remote Control

Whisen installation license – When the product is being installed, make sure to check the installation technician's Whisen Installation License symbol of quality.
Having a technician with a Whisen Installation License install the product will guarantee the product's best performance and lifespan.



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SAFETY PRECAUTIONS

READ ALL INSTRUCTIONS BEFORE USE

The following safety precautions items are used to prevent unexpected danger or damages ahead of time by using the product safely and accurately. The cautions are divided into 'WARNING' and 'CAUTION', and the meanings are as follows.



This symbol is used to call the user's attention to matters and operation that can cause danger. The symbol means that you must carefully read and follow the instructions to avoid danger.



WARNING

There is a possibility of serious injury or death if the instructions are violated.



CAUTION

Failure to comply with these instructions may cause damage to the product or moderate injury to the user.

- The system air conditioner is not to be moved. If it must be moved inevitably, make sure to contact the system air conditioner store that has the LG Electronics system air conditioner installation license.
- In the case of apartments, system air conditioners included in the basic items at the time of sale cannot be relocated in accordance with Housing Supply Regulations.
- Get the help of a professional installer when moving and reinstalling the air conditioner. (If the product is damaged due to reinstallation performed by a moving center or the owner, repairs will be charged. Be sure to check for any issues when installing.)



WARNING

Installation related

You must contact the nearest service center or installation center for product installation.

- Or it may cause fire, electric shock, explosion, or injury.

Use the standard parts.

- Otherwise, fire hazard, electric shock, explosion, injury, or malfunction may occur.

Request installation from installation shop or service center when reinstalling the product.

- Or it may cause fire, electric shock, explosion, or injury.

Do not store or use any flammable gas or material in proximity to the product.

- There will be a risk of fire or product malfunction.

Do not disassemble, modify or repair the product arbitrarily.

- There is a risk of fire or electric shock.

Do not install the product in a humid place or a place where rain may fall.

- Or it may cause the product to malfunction.

Do not embed the product in a wall.

- Or it may cause the product to malfunction.

Do not install the appliance somewhere exposed to direct sunlight.

- Or it may cause deterioration of the performance of the filter.

Use-related

Do not replace or extend the power cords.

- Do not put fire equipment near the product.

Do not put fire equipment near the product.

- It may cause a fire.

Do not spill water inside of the product.

- It may cause electric shocks or the product may malfunction.

If the product has come in contact with water, be sure to contact an LG after-service center or professional A/C store.

- There is a risk of fire or electric shock.

Do not place the power line near a heater appliance or the like.

- There is a risk of fire or electric shock.

Do not put anything heavy on the power line.

- There is a risk of fire or electric shock.

Do not place a heavy object on the product.

- It may cause the product to malfunction.

Let children and the old and the weak and the infirm use the product under the supervision of a guardian.

- There will be a risk of accident or product failure.

Do not allow anything to strike the product.

- Any impact on the product may cause failure.

Do not impose shock with a sharp or pointy object.

- It may damage parts and cause failure.

CAUTION

Installation related

Do not install or use the product in places at risk of explosion.

Use-related

Do not clean with strong solvent detergent; use a soft cloth.

- It otherwise may cause a fire or product deformation.

Do not touch the product with a wet hand or pull the lead line.

- It may cause product failure or electric shock.

User Guide

Class B Device (Broadcast and communication instruments for domestic use)

This product has been certified for Class B electromagnetic waves for domestic use and intends to serve domestic purposes, regardless of region.

PRODUCT CONFIGURATION AND INSTALLATION OF REMOTE CONTROL

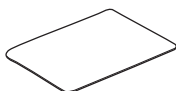
Product Configuration



Remote controller



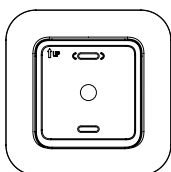
Remote control
fixing screws (2EA)



OWNER'S &
INSTALLATION MANUAL

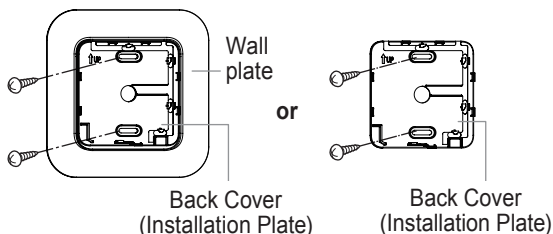


Connecting wire (1 EA)



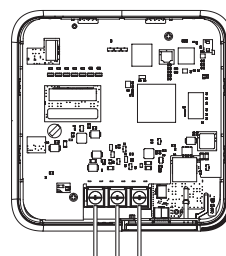
Wall plate

- 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.



NOTE

- Depending on your environment, you can install the remote control neatly by placing the wall plate on the wall and tightening the back cover.
- 4 Connect the power cable to the terminal at the bottom of the remote control as shown in the figure below.



GND / SIG / 12V

Installation of Remote Control

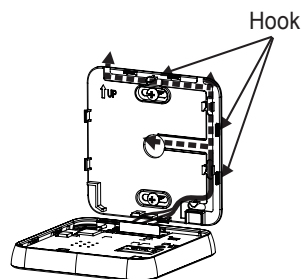
Follow the below guidelines for installing the remote control.

NOTE

- During wired remote control installation, do not embed inside the wall. (It may cause temperature sensor failure.) Do not install the cable over 50 m. (It may cause communication defects.)
- When installing the extension cable, carefully check the direction of the connectors on the remote control side and the product side before the 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 control to discharge the static electricity from the body.

* 10 m Cable model: PCW-QE10A

- 5 Place the lower part of the remote control under the back cover, and fix the power cable to the back cover hook as shown in the figure below to the place where the power cable will come out of the back cover.



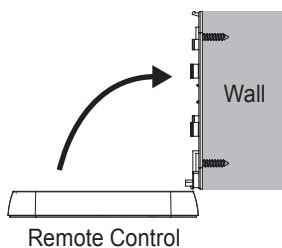
(Figure.1)

6 You can install wired remote control cable in 3 directions. Install in the direction suitable for installation environment.

- Connection direction for remote control cable: Back center, left upper end, right upper end
 - When installing the remote control cable on an upper side, first remove the remote control cable guide groove before installing it.
- ※ Use a long nose when removing the guide groove, and polish the cut surface after removing it.



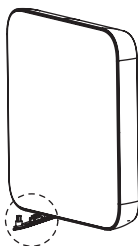
7 Fix the power cable on the back cover hook, and press the upper side of the remote control toward the back cover as in the figure.



NOTE

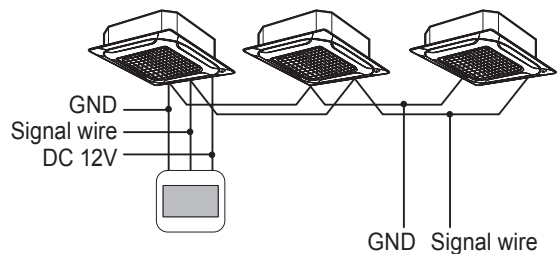
- Failure to follow the guidelines may result in part damage due to interference with the machine. Be careful not to let the cable pass over the wireless equipment.

8 Close the lower cover.



Using Group Control

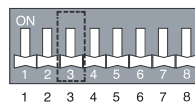
Connect two to 16 indoor units of air conditioner to a single controller for control.



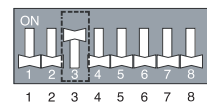
NOTE

- 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 control.

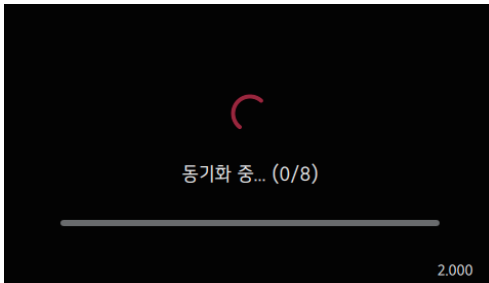
2 After completing the master/slave setting, turn off the power of the indoor unit, and turn on the power after 1 minute.

NOTE

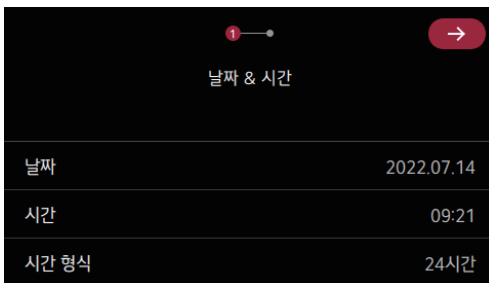
- 2-Remo function is not supported.

STANDARD OPERATION

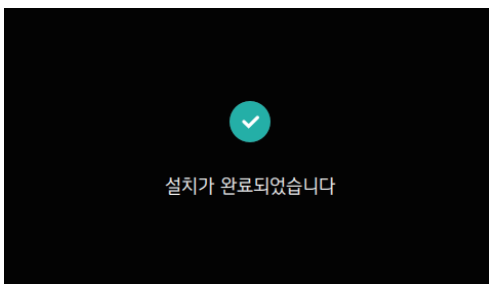
- 1 The welcome screen will be displayed after synchronizing with the indoor unit. Booting may require up to 90 sec.



- 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
Date	Set the date, time, and time format displayed on the remote control.
Time	
Time Format	
Temperature unit	A function to set the temperature unit displayed on the remote control.
Standby Screen	A function to control the screen OFF time and brightness of the remote control.
Humidity Display	A function to determine whether to display the humidity on the main screen and the standby screen.
Main Screen Auto Return	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.
Sound	A function to set whether to output a sound when the screen touch input is given.

NOTE

- If you do not complete the installation wizard, the installation wizard will run every time you boot it.
- Even after completing the installation wizard, the items of the installation wizard can be checked on the Settings - Service.
- Refer to the general settings and schedule page for detailed setup instructions.
- Even if you turn off the power and then turn on it, the booting may require up to 90 sec.

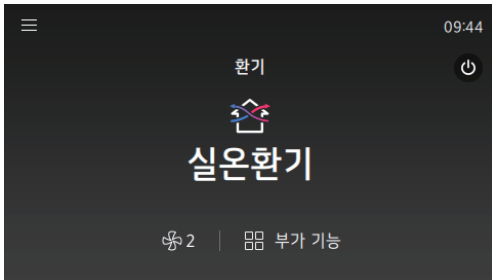
View Screen

The home screen of the wired remote control is configured as below, and the below screen is displayed in accordance with the connected indoor unit.

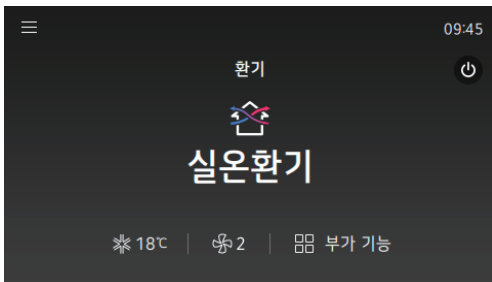
1 Air Conditioner



2 General ventilation



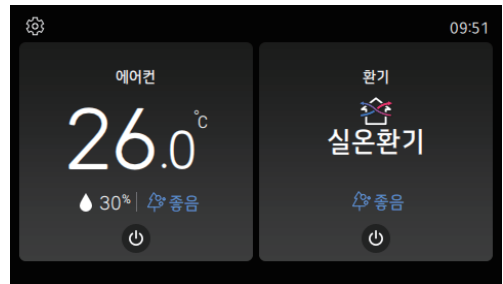
3 DX Ventilation



4 Housing Ventilation



5 Air Conditioner/Ventilation Interlock

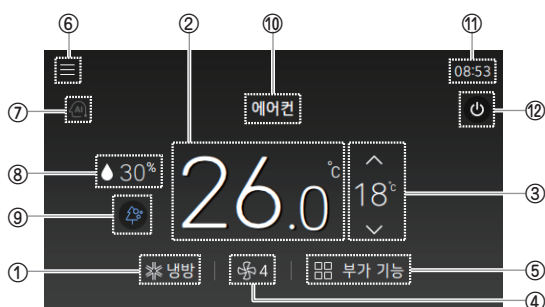


NOTE

- Please check the detailed description of each screen in the detailed description page.

Standard Operation

Operating Information



① Operation Mode

Select the operation mode to set the desired mode.

- Details of operation mode

Operation Mode	Description
Cooling	It cools down the room with pleasant and fresh wind.
Heating	It provides a warm breeze to the room.
Auto	The product automatically provides the wind of the right temperature for the room.
Dehumidification	It removes moisture while providing weak cooling.
Air blowing	It blows the indoor air as is, not cold wind.
Emergency Heater	You use set to use the emergency heater, you can select the emergency heater mode to use the heater.
Air cleaning	Operates air purifier only.
Power heating	Power heating rapidly increases the room temperature.
Power Cool	Power Cool rapidly reduces the room temperature.
Himalaya Cool	The local special function applied to models in the India region quickly reduces room temperature.
Monsoon Dehumidification	A local special dehumidification function applied to models in India.

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 operates, and a cold wind comes out.
- Depending on the outdoor unit cycle operation, the background color of the home screen is expressed in red for heater and blue for air conditioner.
- The emergency heater is activated under emergency heating conditions after the installation and related settings.
- Depending on the product, some functions cannot be set.

② Room temperature

Displays room temperature.

③ Set temperature

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

Operation Mode		Setting Temperature
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)

NOTE

- When using the dehumidification/air blowing 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.

🌀 1	Very weak
🌀 2	Weak
🌀 3	Moderate
🌀 4	Power
🌀 5	Special Power
🌀 A	Auto

NOTE

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

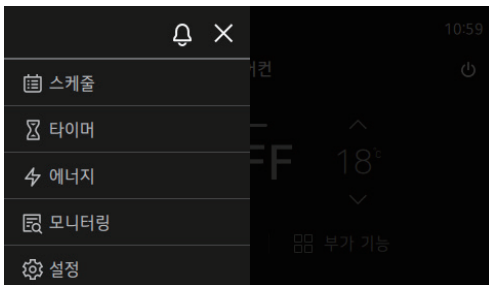
⑤ Additional Functions

You can use additional functions.

Please refer to the additional functions detailed description page.

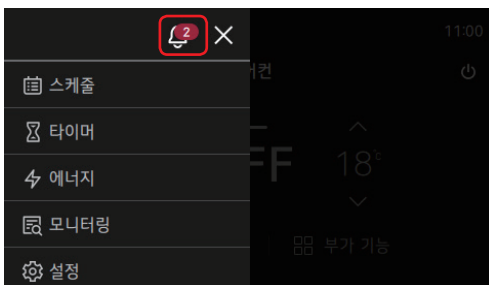
⑥ Menu

You can select the menu icon and enter to set the schedule, timer, energy, monitoring, and settings. You can also check the Notification information.



NOTE

- When there is a notification, the number of notifications and the notification icon are both displayed.
- If you press the icon, you will be moved to the notification screen.



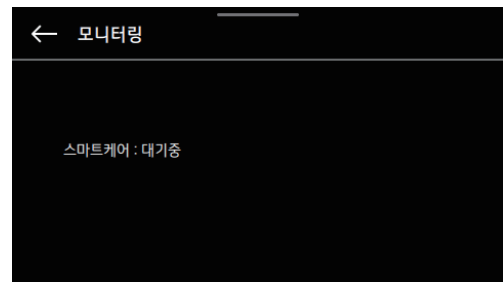
⑦ Smart Care

This is a function that manages the indoors pleasantly and saves energy through AI operation.

- 1) You can select the icon to use Smart Care.
- 2) When Smart Care works, it is displayed on the left upper end of the main screen.



- 3) When the operation condition is not Smart Care, the standby status is displayed as below.



NOTE

- Smart Care may not be displayed/work in some products.
- Smart Care only works when the product is cooling or heating.
- You may feel that cooling and heating are weak due to the power saving operation of Smart Care.
- Precisely set the date and time for the remote control and the central controller when installing the AI engine.
- If you do not set the date and time, an incorrect result value may show.
- The site connected to our central controller places priority on the date and time settings of the central controller than those of the wired remote control.
- In case of model for both cooling/heating, if the simultaneous operation of both cooling/heating is working, Smart Care is not available.

⑧ Humidity

Displays the room humidity.

NOTE

- The displayed humidity may vary according to the humidity sensing position settings (set by the installer).
- Remote control: Remote control humidity display
- Indoor unit: When the indoor unit humidity is received, it displays the indoor unit humidity, and if not, no humidity is displayed.

⑨ Indoor air quality

A function to monitor the dust value measured by the dust sensor in the indoor unit.

You can check the concentration value of each of fine dust (PM10), ultrafine dust (PM2.5), extreme ultrafine dust (PM1.0) on the air quality screen.

The general quality displays the worst dust status value among the three dust status values.



<Air Conditioner Air Quality Screen>



<Housing Ventilation Air Quality Screen>

NOTE

- On the Air Quality screen of the ventilation product, 'outdoor' shows the concentration of fine dust in the air entering the ventilation product, and 'indoor inflow' shows the concentration of fine dust in the air entering the indoors after passing through the filter.
- During group control, information on the Master indoor unit is displayed on the screen.

⑩ Indoor Unit Name

Displays the connected indoor unit.

⑪ Current time

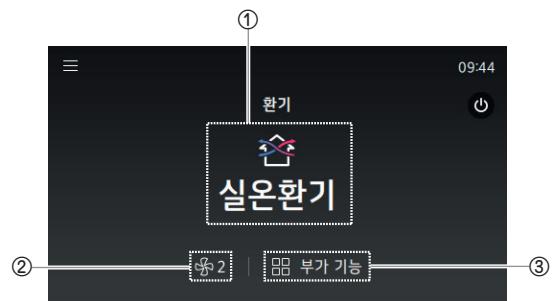
Displays current time.

⑫ Run/Stop button

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

Ventilation

1 General ventilation



2 DX ventilation



3 Housing Ventilation



① Operation Mode

Select the operation mode to set the desired mode.

Select OFF from the options list to stop operation.

- Details of operation mode

Operation Mode	Description	Applicable models
Cooling	It cools down the room with pleasant and fresh wind.	DX exclusive
Heating	It provides a warm breeze to the room.	DX exclusive
Auto	The product automatically provides the wind of the right temperature for the room.	DX exclusive
Natural wind ventilation	A mode in which the exhausted air is ventilated not through the total heat exchanger. It is proper for spring or fall or when the room pollution is severe.	All models
Room temperature ventilation	A mode to ventilate through the total heat exchanger for both air supply/air exhaust. Good for summer or winter when the difference in temperature between indoors and outdoors is high.	All models
Auto ventilation	The room temperature and the outdoor temperature of the ventilation system are measured and the optimal ventilation mode is run automatically.	All models

② Wind strength settings

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

1	Weak
2	Power
3	Special Power
A	Auto

NOTE

- You can select Manual when the CO₂ sensor is connected when the wind strength auto is set.

③ Additional functions

You can use additional functions.

Please refer to the additional functions detailed description page.

④ Air conditioner mode and desired temperature

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

⑤ Outdoor air quality

The outdoor air quality is displayed for outdoor fine dust (PM10), outdoor ultrafine dust (PM2.5), and outdoor extreme ultrafine dust (PM1.0).

⑥ Air quality

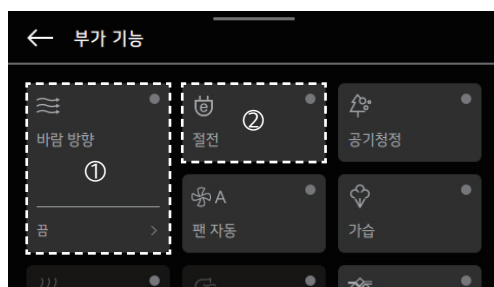
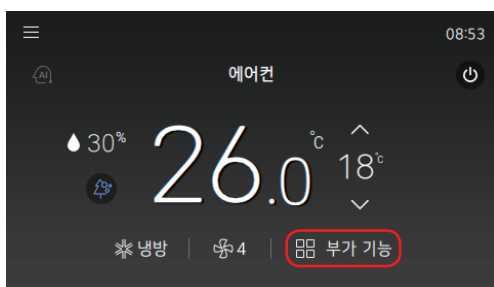
You can check the concentration value of each of the room/outdoor fine dust (PM10), ultrafine dust (PM2.5), and extreme ultrafine dust (PM1.0) on the air quality screen.

⑦ CO₂ (Carbon dioxide)

Displays the room CO₂ concentration (ppm).

ADDITIONAL FEATURES

You can use the additional functions of the product.



- ① The functions of the large buttons need detailed settings other than Setting and Cancel.
Tapping an area above the item changes the set ↔ cancel status and tapping an area below moves to the Setup Details page.
- ② You can select only select 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 Con- ditioner	Venti- lation	Description	Note & Option
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
Power-saving Cooling	☐		Power-saving cooling 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.
Comfort power-saving	☐	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

Function Name	Air Con- ditioner	Venti- lation	Description	Note & Option
Ventila- tion-inter- lock pow- er-saving cooling	○		A function to save energy by using cool outdoor air when the ventilation product is interlocked and the cooling operation is working.	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 clean- ing	○	○	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
Humidifi- cation	○	○	A function to operate the humidifier on the product when the room is dry.	ON/OFF
Mosquito repellant	○		Set operation/stop of mosquito away function.	ON/OFF
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 control can be checked. - New type (4 zones or 8 zones): The zone control and monitoring are available through the wired remote control.
Additional Operation		○	You can change the additional operation of ventilation product.	- Fast: Ventilates fast. It is a function to more efficiently operate the ventilation function through the fast setting which is an additional operation of the ventilation product. - Power-saving: It performs the power-saving function while efficiently ventilating the air.

Function Name	Air Con- ditioner	Venti- lation	Description	Note & Option
Airflow Direction	○		You can conveniently control the wind direction as you wish.	Up and Down Rotation (Forest Wind) Left and Right Rotation Four-way Rotation Comfort wind Indirect wind (Air guide wind) Direct wind (High ceiling wind) Human detecting indirect wind Human detecting direct wind Auto temp wind (Auto custom wind) Study wind (Concentration reinforcing wind) Human detection space wind Human detection activity wind Forest wind Long power fan Manner fan

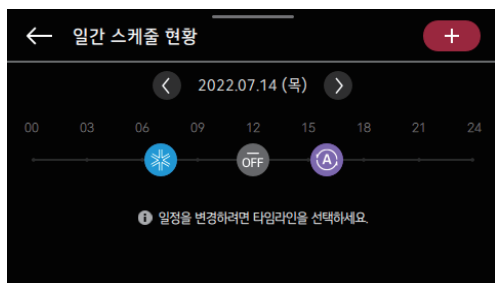
SCHEDULE

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 control.



- 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 control.



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 control.

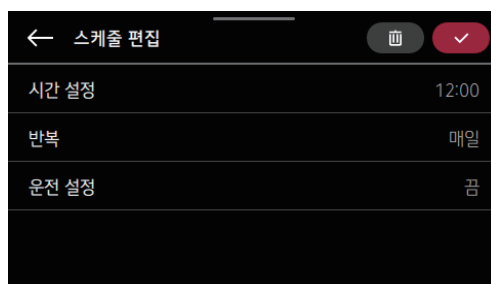


- ① You can add a new schedule by selecting the '+' button.
 - ② You can set the time for performing the scheduled operation in the 'time settings.'
 - ③ You can set the day or period for operating the schedule in the 'repeat' settings.
 - ④ You can set the operation information for the schedule in the 'operation settings.'
- When the operation is 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

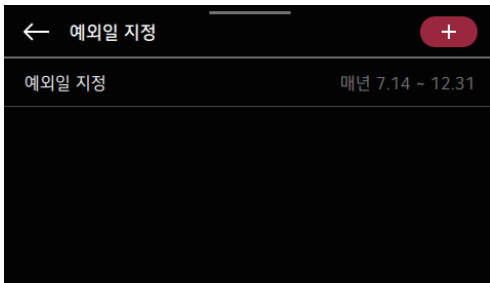
You can delete the schedule stored in the remote control.



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

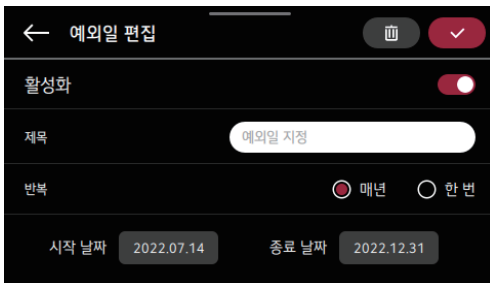
Designate Exception Date

A function to automatically stop operation on the preset date.



- ① Select the Designate 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 Designate 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.

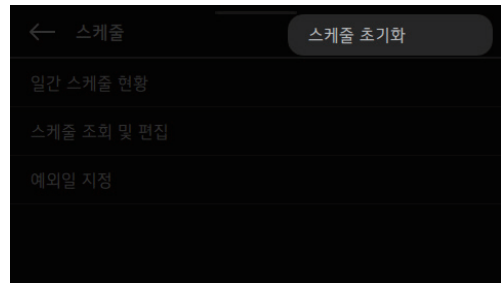


NOTE

- 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.

Schedule Initialization

All the schedule-related information will be initialized.



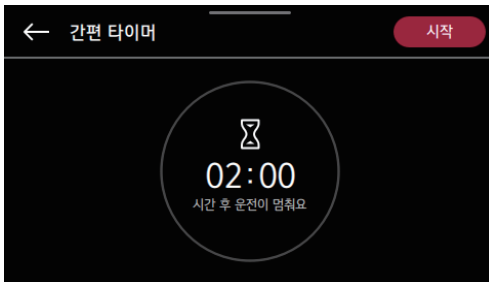
TIMER

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 to set in the timer settings screen.

Simple Timer

You can conveniently set the booking for operation or stop.

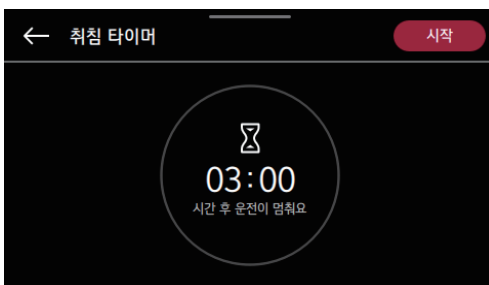


NOTE

- 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.

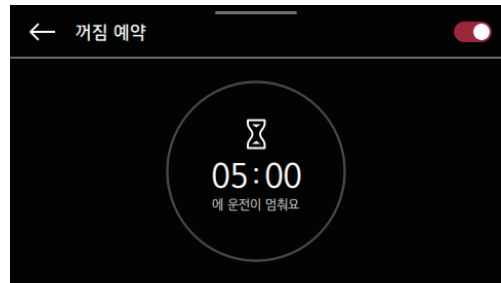


NOTE

- 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.

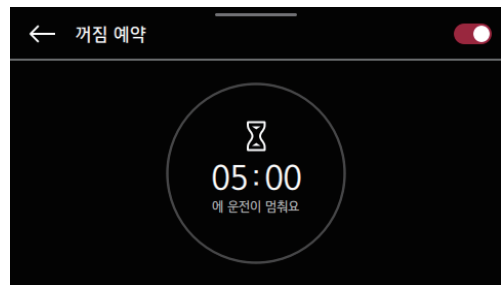


NOTE

- 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.



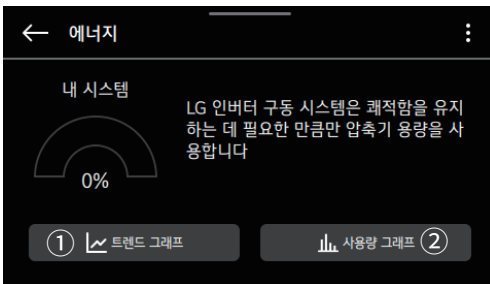
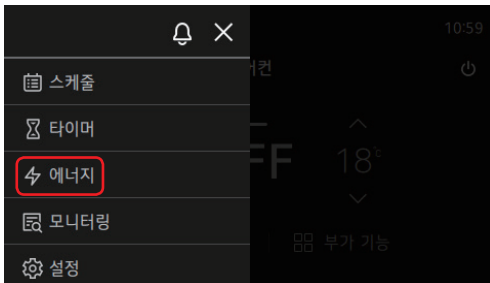
NOTE

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

ENERGY

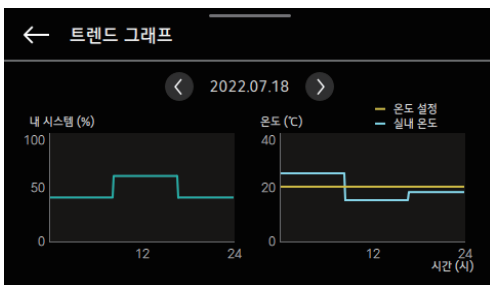
Tap on the energy item in the menu.

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



① Trend Graph

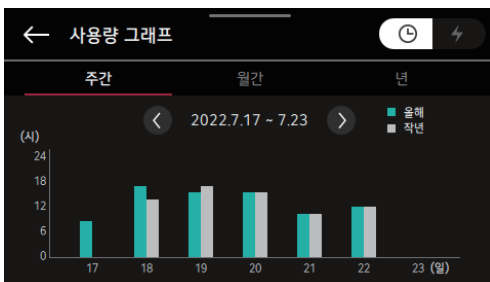
You can check the trend of the outdoor unit operation rate, indoor temperature, and desired temperature information during the day.



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.

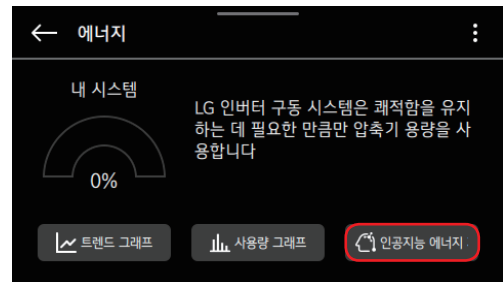


NOTE

- 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 control

This is a function that allows you to check the predicted savings by calculating the system's overall energy consumption and "Smart Care" use.



In the energy settings list, if you select AI energy control, you are moved to the 'AI energy control system power usage' settings menu.

인공지능 에너지 제어 시스템 전력 사용량		
시스템 (실내외기) 전체 전력 사용량과 스마트 케어를 통한 예측 절감량을 확인할 수 있습니다.		
기간	전체 사용량	예측 절감량
일간	0.0 kWh	0.0 kWh
주간	0.0 kWh	0.0 kWh
월간	0.0 kWh	0.0 kWh
연간	0.0 kWh	0.0 kWh

e.g. Daily basis

- Total usage: 1,000 kWh, predicted savings: 30 kWh
- Total usage when reduced by using Smart Care: 1,000 kWh
- Expected usage when not using Smart Care: 1,030 kWh

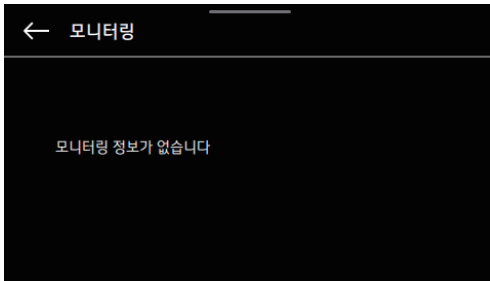
NOTE

- Smart Care may not be displayed/work in some products.
- The displayed value is the power consumption for the entire system.
- The predicted savings are calculated by analyzing the energy usage patterns while using Smart Care. For more information, refer to the LG AI engine manual or the outdoor unit installation manual.
- There may be some difference between the actual usage, so use it only as a reference.
- If you need the exact usage, install an additional PDI (power divider) and use it.

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

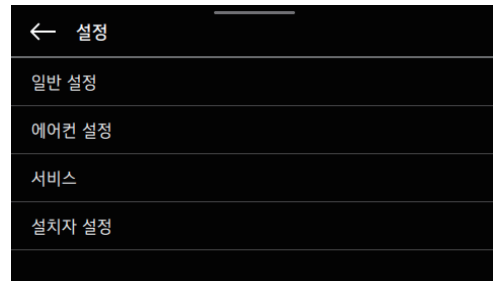
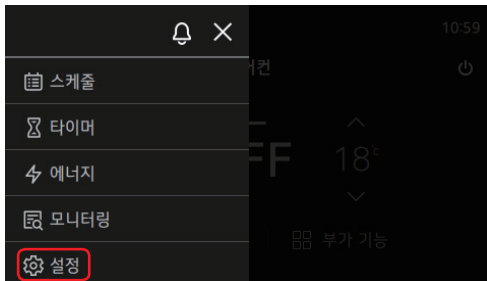
- The main information that can affect the product operation is displayed on the left lower end of the home screen.
- The warning icons related to CO₂, oil change, Uvnano operation, and errors are displayed on the left lower end of the home screen.
- Uvnano is a compound word of “UV (ultraviolet rays)” and “nanometer (a unit of length)”.

Description of the Icon	
	A notification that the CO ₂ density is too high. When the ventilation product is connected, this is displayed when the CO ₂ concentration is around 940 ppm or higher.
	GHP outdoor unit engine oil replacement notification. Displayed when 10,000 hours of accumulated operation time of GHP outdoor unit have elapsed.
	Displayed when the UV Uvnano function is working.
	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.



General Settings

Function	Description	Note & Option		
		Celsius	Fahrenheit	
Temperature unit	A function to set the temperature unit displayed on the remote control.	0.1 °C / 0.5 °C / 1 °C	The Fahrenheit temperature unit operates by receiving the temperature unit from the indoor unit.	
Standby Screen	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 s 30 s 1 min	Off 25 % 50 % 75 % 100 % Auto	Current status date & time weather
		• 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		

Function	Description	Note & Option
System restart	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 it is set to 'ON,' the humidity value varies according to the humidity sensing position settings (installer settings). 1) Remote control: 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.
Heterogeneous operation display	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
User password	A function to set a password for preventing children or any other person from randomly changing the remote control settings.	-
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.	-
Main Screen Auto Return	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 - LG: It is displayed as fine dust (PM 10), ultra fine dust (PM.2.5), and extreme ultrafine dust (PM.1.0). - Standards: PM 10, PM 2.5, PM 1.0

Air conditioner/ventilation settings

Function	Product		Description	Option		
	Air Condi- tioner	Venti- lation				
Up and Down wind angle	○		You can adjust the angle in which the air blows.	Entire control	Individual control	Standard
				Set the wind angle of all vanes in the product at once.	Individually set the angle of the vanes.	Set the wind angle in the factory data reset status.
Elevation Grill	○		A function to operate the elevation grill for cleaning the indoor unit filter.	• Rise: Elevate the elevation grill toward the product. • Stop: Stop the movement of the elevation grill. • Fall: Lower the elevation grill toward the floor.		
Robot clean- ing	○		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 cumulative operation time of the indoor unit has passed 30 hours, the robot cleaning is conducted automatically. • Manual: The 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 model		Auto dry operation time selection available model
				Use Disabled		Use Disabled 10 min 30 min 60 minutes 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 status check and reset	○	○	You can check the filter status and reset the filter usage time.	• 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.		

Function	Product		Description	Option
	Air Condi- tioner	Venti- lation		
Wi-Fi pairing	☐	☐	A function to run the pairing function of the Wi-Fi module connected to the indoor unit. In case of the old ventilation product, the function may not be displayed.	-
Conversion 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)
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 power-saving	☐	☐	A function to set the outdoor unit comfort power-saving operation stage value.	Stage 1/Stage 2/Stage 3
Outdoor Unit 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.
Outdoor unit defrost mode	☐	☐	A function to set the defrosting mode operation of the outdoor unit.	
Active power-saving	☐	☐	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.)	
Outdoor unit low noise operation 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 control.'
Temperature-based fan auto operation	☐		A function to set the auto fan usage based on the temperature of the indoor unit.	ON/OFF

Function	Product		Description	Option	
	Air Condi- tioner	Venti- lation			
Human detection operation	○		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. • Temp 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.
Select an upper/lower end	○		This is a function to set the usage of the upper and lower vanes when operating the product.	Entire control/Upper/Lower	
Custom 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.	
AC 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.	

Function	Product		Description	Option	
	Air Condi- tioner	Venti- lation			
AC 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	
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. • 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.	
Pre-filter status		○	You can check the pre-filter status and reset the filter usage time.		
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.)	
Night external 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
Humidity range selection		○	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 Condi- tioner	Venti- lation		
Interlock air purification with AC 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.

NOTE

- Depending on the product, some functions may not work.

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 setup

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.
Room external air model information check	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.
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.

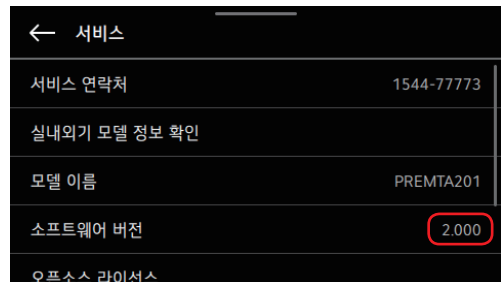
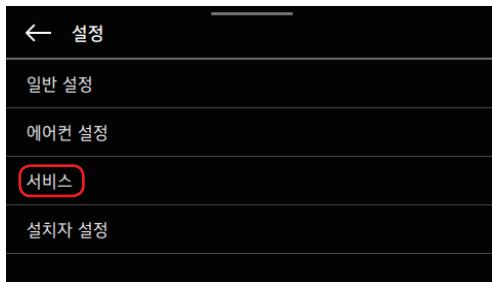
Various settings can be made during the installation step before using air conditioner/ventilation products.

Please enter the password.

* How to know the password

Check the software version in the service settings menu.

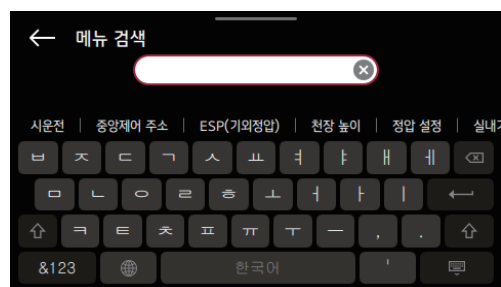
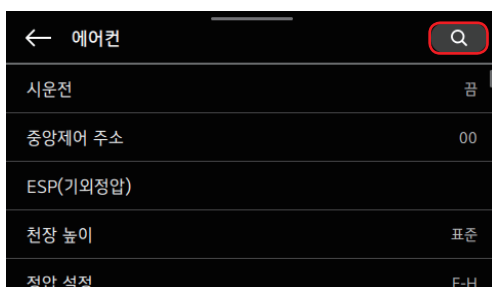
If SW version is 2.000, password is 2000.



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 Con- ditioner	Ventila- tion		
Test-Running	○	○	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 (External Static Pressure)	○		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) designation	○	○	A function to select the temperature sensor for determining the room temperature.	Remote control/Indoor unit/2TH
Ceiling height	○		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 settings	○		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
Indoor unit master/slave settings	○	○	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 settings	○	○	A function which is available only when the dry contact apparatus is separately purchased/installed.	Manual/Auto
3 min. 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.	-
Standard operation mode	○		Measures the driving ability of the duct product.	ON/OFF

Function	Product		Description	Option		
	Air Con- ditioner	Ventila- tion				
Air volume fixing	○	○	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.		
Number of Zones	○	○	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
				Step 0	Operates in accordance with the product set value	
				Step 1	4 °C (8 °F)	6 °C (12 °F)
				Step 2	2 °C (4 °F)	4 °C (8 °F)
				Step 3	-1 °C (-2 °F)	1 °C (2 °F)
				Step 4 (Usage type: Displayed in case of dual)	-0.5 °C (-1 °F)	0.5 °C (1 °F)
Pipe tempera- ture check	○	○	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 Con- ditioner	Ventila- tion		
Group control function limit usage	○		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 and Down/Left and Right/Comfort wind, Additional functions - Power-saving cooling/Heater/Fan Auto, Up and Down wind angle - Entire 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 controlled by the wireless remote control, only the indoor unit which has received the command works. You can use all the functions of the master indoor unit.
Whether to install the air cleaning kit	○		A function to set whether to additionally install after mass-production or mount after removal for the option units (air cleaning/heater/humidification/elevation grill/ventilation/sub heater).	Installed/Not installed
Whether to install the heat- er kit	○			
Whether to in- stall the humidi- fication kit	○			
Whether to install the ele- vation grill	○			
Whether to install the venti- lation kit	○			
Whether to install the sub heater	○			
Whether to install the 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

Function	Product		Description	Option		
	Air Con- ditioner	Ventila- tion				
Indoor unit address check	○	○	A function to check the address of the indoor unit designated from the outdoor unit.	-		
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
				Step 0	Operates in accordance with the product set value	
				Step 1	6 °C (12 °F)	4 °C (8 °F)
				Step 2	4 °C (8 °F)	2 °C (4 °F)
				Step 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 (Time)	○		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 operation in case of cooling TH OFF	○	○	A function to set the operation of the indoor unit fan during the cooling thermal OFF operation.	Weak wind/OFF/Set wind		
Main heater designation	○		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		
Ventilation-interlock air conditioner fan operation	○		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		
Indoor unit power outage compensation	○	○	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 Con- ditioner	Ventila- tion		
In-room sensor maintenance time	○		A function to set the absence determination maintenance time among the in-room sensor values.	0/10/30/60 min.
Simple dry contact installation	○		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.
Indoor unit contact use	○	○	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
Outdoor unit master/slave settings	○	○	A function to set the function master/slave of the outdoor unit.	Master/Slave

Function	Product		Description	Option	
	Air Con- ditioner	Ventila- tion			
Tempera- ture-based auto fan 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	
Outdoor unit low noise con- trol standards	○	○	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	○		This function selects the LED color to display the fine dust status of the product.	Auto/RGB/YGG	
Fine dust stage display color	○	○	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)	
Human detec- tion sensor	○		It is the function to set whether to install human detection sensor and operation standard value.	Value	Description
				Human Detec- tion 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, Power
				Keeps oper- ating 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 Sens- ing Position	○		A function to decide where to detect humidity.	Remote control/Indoor unit	

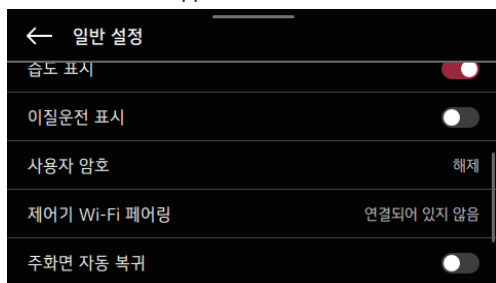
Function	Product		Description	Option
	Air Con- ditioner	Ventila- tion		
Outdoor unit cycle priority	○		You can select standby or cooling.	• Disabled: It does not support the opposite cycle operation with the wired remote control. • Cooling: When the user has selected the opposite operation mode by the 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.
Outdoor tem- perature based on heater combination heating	○		You can set the outdoor temperature based on the temperature of the heat- er combination heating mode.	-
Predicted pow- er 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 control.	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 Com- pensation	○		Compensation value can be applied to the humidity value detected by the re- mote control to display on the screen.	-10% to +10% (by the unit of 1%)
Dust concen- tration display lamp always on	○		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.	-

Function	Product		Description	Option
	Air Con- ditioner	Ventila- tion		
Indoor unit operation time	○		A feature that displays the cumulative time that the indoor unit has been on.	-
Indoor Temperature Master/Slave Setting	○		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.	-
Floor temperature detection for heating	○		This function sets whether to use the floor temperature detection sensor.	ON/OFF
ESP (External Static Pressure) Auto	○		This function can be used for changing the target air volume.	Disabled/+10%/-10%
Fan control when occupied/vacant	○		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 reset	○	○	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 (External Static Pressure)		○	A function to determine the air volume value falling under the air supply volume.	Set the RPM value for each fan speed.

Function	Product		Description	Option
	Air Con- ditioner	Ventila- tion		
Exhaust ESP (External Static Pressure)		○	A function to determine the air volume value falling under the exhaust air volume.	Set the RPM value for each fan speed.
Product Direc- tion		○	A function to set the installation direc- tion of the ventilation indoor unit.	Normal/Opposite
Fast ventilation priority		○	A function to set the priority of air supply and air exhaust in case of fast ventilation operation.	Air supply/Air exhaust
Ventilation single humidifi- cation		○	A function to set whether to use the humidification function in case of ven- tilation single operation of direct-type ventilation.	ON/OFF
Ventilation heating humidi- fication		○	A function to automatically or manually set the heating humidification function of the direct-type ventilation.	Auto/Manual
Reference air volume		○	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

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 control to the ThinQ app, select the deluxe wired controller in the product selection stage.

WI-FI MODULE SPECIFICATIONS

The relevant wireless equipment has a possibility of radio interference. Therefore, any service relating to the safety of life cannot be provided.

Frequency Used	2412MHz ~ 2472MHz
Output (max)	< 10 mW/MHz

OTHER MODE OPERATION/OPEN SOURCE INFORMATION

Other Mode Operation

The other mode operation refers to a phenomenon that appears when the operation modes differ between indoor units when there are plural indoor units installed on a single outdoor unit. (The other mode operation does not appear in the cooling exclusive models.)

1 Example of other mode operation

- If plural indoor units are performing cooling operation on a single outdoor unit, and if only one indoor unit is controlled to perform heating operation, the indoor unit does not work to perform heating operation.
- If plurality indoor units are performing heating operation on a single outdoor unit, and if only one indoor unit is controlled to perform cooling or humidification operation, the indoor unit does not work to perform cooling or humidification operation.

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 of 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 receives the minimum cost required for delivery such as media cost and transportation cost and contains it in a storage medium to provide it. This offer is valid for anyone who received this information within 3 years of selling the product.

SELF-DIAGNOSIS/POWER OUTAGE COMPENSATION

Oil Replacement

A function to display the outdoor unit oil change warning when the GHP product is used.

When the below icon appears on the left lower corner of the default screen, it is the oil change warning status.



CAUTION

- If the oil is not changed, the product cannot work because an error occurs.

NOTE

- When the oil change alarm appears, immediately refer to the mark and contact the service center to change the oil.

UV LED Repair

This function is displayed if UV LED repair is needed when the UVnano model is in use.



NOTE

- If the UV alarm is displayed, contact LG Electronics Service Center for repair.

Failure Mode

When there is a disorder in the product, you can diagnose the failure mode on your own.

- 1** It displays the failure mode number on the left lower corner of the default screen.
 - But in case of the group control, the failure mode number is displayed on the left lower corner of the default screen just as for oil change.
- 2** When a failure has occurred, please remember the failure number and report it to the installer/installer store, and you can receive a faster service.
- 3** Even when a failure has occurred, you can operate the emergency elevation grill operation. (But, the failure number 03 is excluded.)

※ In case of central control lock or wired remote control lock is set, it does not work.

※ It may not work on some products.

Power Outage Compensation

- 1** If the power is blocked because of power outage or any other reason, the previous operation conditions are automatically set by the power outage compensation function. So you don't need to press any button.
(But, additional functions do not automatically be set.)

CHECKLIST BEFORE REPORTING FAILURE

When there is a problem in the product, check the following items before reporting it to the service center.

Symptoms	Cause	Remedy
Power is not supplied.	Is the air conditioner ON?	• Check the circuit breaker. • Check the installation status of the wired remote control.
	Are the air conditioner and the remote control properly connected to each other by a cable?	• Connect the air conditioner to the remote control cable.
	Is the cable connected properly?	• Please check it again by referring to the installation methods in the manual.
The timer operation does not work.	Is the time set properly?	• Correctly set the current time.
	Did you set the timer correctly?	• Please set it again by referring to the manual.
No cold wind blows.	Is the desired temperature set to be lower than the current temperature?	• Set the desired temperature to be lower than the current temperature.
The remote control display window displays an error.	Does the remote control display window displays 'CH03'?	• Please check the installation status of the wired remote control again. • Please check the connection status of the air conditioner and the remote control cable again.
The screen has stopped.	Has it stopped at the LG logo screen for the booting or after the LG logo screen?	• Please reapply the power for air conditioner indoor unit through the installed circuit breaker.
	Does the remote control screen stop or slow during use?	

FCC Notice

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC RF Radiation Exposure Statement

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the antenna and your body. Users must follow the specific operating instructions for satisfying RF exposure compliance.

Industry Canada Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference.
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

IC Radiation Exposure Statement

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm (7.8 inches) between the antenna and your body.

NOTE

THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.